AMP®
SINCE 1945

Katalog produktów



ZAWORY SILNIKOWE

ENGINE VALVES | КЛАПАНЫ | VENTILE
SOUPAPES | VALVULAS | SUPAPLAR

Informacje o firmie

Firma **PARADOWSCY AMP®** powstała w latach 40-tych jako zakład naprawy silników okrętowych w Szczecinie. W ciągu kilku lat podstawą działalności firmy stała się specjalistyczna produkcja zaworów do silników spalinowych, a działalność została przeniesiona do Warszawy. Stały wzrost sprzedaży zaworów i rosnące zainteresowanie klientów produktem wpłynęło na podjęcie przez właścicieli decyzji o otwarciu drugiego zakładu w Kunowie k. Ostrowca Świętokrzyskiego. Znaczne zwiększenie potencjału produkcyjnego w oparciu o międzynarodowe standardy nastąpiło poprzez zakup maszyn i wprowadzenie nowoczesnych technologii.

Obecnie **PARADOWSCY AMP®** jest producentem 2 mln zaworów rocznie. Wysoka jakość produktów ugruntowała pozycję firmy na rynkach światowych. Utrzymanie produkcji na najwyższym poziomie zapewnia posiadany w firmie system jakości ISO 9001:2015 oraz zespół wykształconych i kompetentnych pracowników z wieloletnim doświadczeniem.

Dziś mamy swoje przedstawicielstwa nie tylko w Europie, ale też w Afryce, Azji, Ameryce Płn. i Płd. Nasza współpraca z firmami opiera się na szacunku i zaufaniu, wciąż poszukujemy nowych rynków zbytu i otwarci jesteśmy na współpracę z każdym, kto ceni sobie produkty wysokiej jakości za rozsądną cenę.

About company

PARADOWSCY AMP® Company was set up in the forties of the 20th century in Szczecin as the ship engines reconditioner. Within few years specialized production of valves for internal combustion engines became its basic business activity, and the core business was moved to Warsaw. The increasing valve sales and growing customers interest in the product contributed to the owners' decision to open the second production site in Kunów near Ostrowiec Świętokrzyski. Significant increase of production capacity based on international standards was achieved through the purchase of machines and the introduction of state-of-the-art technologies.

At present **PARADOWSCY AMP®** produces 2 million valves a year. High product quality has strengthened the position of the company on global markets. The maintenance of production at the highest level can be ensured thanks to the ISO 9001:2015 quality system implemented in the company, and also thanks to the team of educated and competent employees with many years of experience.

At present our branch offices are located not only in Europe, but in also in Africa, Asia, and in North and South America. Our co-operation with the companies is based on respect and trust as we are constantly looking for new sales markets and we are willing to co-operate with anyone who appreciates high quality products at a reasonable price.

Information über die Firma

Firma **PARADOWSCY AMP®** ist in 40-er Jahren als Betrieb für Reparatur von Schiffsmotoren in Stettin entstanden. In der Dauer von einigen Jahren wurde die Fachherstellung von Ventilen für Verbrennungsmotoren als die Grundlage der Firmentätigkeit, und ihr Sitz wurde nach Warschau umgezogen. Die immer größere Anstieg des Verkaufs von Ventilen und das wachsende Interesse der Kunden an dem Produkt führte dazu, dass sich die Eigentümer für die Eröffnung des zweiten Betriebs in Kunów in der Nähe von Ostrowiec Świętokrzyski entschieden haben. Die Erhöhung der Produktionskapazität in Anlehnung auf die internationalen Standards erfolgte durch den Ankauf von Maschinen und die Einführung der modernen Technologien.

Zur Zeit ist die Firma **PARADOWSCY AMP®** Hersteller von 2 Mio. Ventilen jährlich. Die hohe Qualität der Produkten hat die Position der Firma auf den Weltmärkten gefestigt. Für die Aufrechterhaltung der Herstellung auf dem höchsten Niveau sorgt das Qualitätssystem ISO 9001:2015 und die Gruppe der ausgebildeten und zuverlässigen Arbeitnehmer mit vieljähriger Erfahrung.

Heute haben wir unsere Zweigstellen nicht nur in Europa, aber auch in Afrika, Asien, Nord- und Süd-Amerika. Unsere Mitarbeit mit den Firmen beruht auf Achtung und Vertrau-en. Wir suchen ständig neue Absatzmärkte und wollen mit jedem mitarbeiten, wer die Produkte von hoher Qualität für nicht zu hohen Preis schätzt

Информация о фирме

Компания **PARADOWSCY AMP®** была основана в 40-е годы как завод по ремонту судовых двигателей в г. Щецин. На протяжении нескольких лет основной деятельностью компании было профессиональное производство двигателей внутреннего сгорания. Позднее предприятие было перенесено в Варшаву. Постоянный спрос на клапаны и возрастающая заинтересованность клиентов в продукции компании, повлияли на решение владельцев об открытии второго предприятия в г. Кунув (недалеко от г. Островец Свентокшиски). Значительный рост производственного потенциала фирмы произошел после модернизации технической базы и внедрения современных технологий, изделия стали отвечать международным стандартам качества. В настоящее время фирма **PARADOWSCY AMP®** производит более 2 млн. клапанов в год. Отменное качество изделий укрепило позицию фирмы на мировых рынках. Высокий уровень производства подкреплен системой качества ISO 9001:2015, а коллектив образованных и компетентных сотрудников с многолетним опытом обеспечивает бесперебойный выпуск продукции.

На сегодняшний день у компании действуют представительства не только в Европе, но и в Африке, Азии, Северной и Южной Америке. Сотрудничество со всеми партнерами основано на уважении и доверии. Компания неустанно ищет новые рынки сбыта и всегда открыта для сотрудничества со всеми, кто ценит продукцию высокого качества по выгодной цене.

Informacje o produkcie

PARADOWSCY AMP® produkuje ponad 2000 typów zaworów do agregatów, motocykli, silników samochodów osobowych i ciężarowych, na różne rodzaje paliw płynnych i gazowych, lokomotyw oraz jednostek pływających. Korzystamy wyłącznie ze stali zaworowych najwyższej jakości, a nowoczesne technologie umożliwiają sprostanie wysokim standardom światowym.

Zawory należą do najbardziej obciążonych części silnika. Ich jakość w dużej mierze decyduje o jego niezawodności i trwałości. Dlatego tak ważne jest, aby zawory spełniały trudne wymagania, takie jak:

1. Długotrwałe utrzymywanie szczelności
2. Odporność na wysoką temperaturę i wytrzymałość na obciążenia mechaniczne
3. Odporność na korozję i erozję
4. Duży współczynnik przewodnictwa cieplnego
5. Mała ścieralność
6. Duża twardość w wysokich temperaturach pracy przylgni zaworowych i trzonków zaworów
7. Stałość struktury materiału w wysokich temperaturach

Proces produkcyjny ma na celu wykonanie zaworów zgodnie z wymogami technologicznymi na najwyższym poziomie poprzez:

1. Wykonywanie odkuwek metodą elektrospęczania i kucia
2. Wykonywanie pełnej obróbki cieplnej
3. Obróbkę wiórową na maszynach sterowanych numerycznie
4. Obróbkę szlifierską na szlifierkach bezkłowych i automatach szlifierskich
5. Utwardzanie końca trzonka przez hartowanie indukcyjne oraz napawanie stellitem
6. Zgrzewanie tarciowe
7. Utwardzanie trzonków poprzez dogniatanie lub impulsowe azotowanie plazmowe
8. Cechowanie metodą laserową
9. Pakowanie w szczelne, indywidualne torebki oraz opakowania kompletacyjne i zbiorcze zapewniające ochronę zaworów przed korozją i uszkodzeniami w trakcie transportu i magazynowania

Product information

PARADOWSCY AMP® produces over 1700 types of valves for assemblies, motorcycles, passenger cars and trucks and watercrafts, for different types of liquid and gas fuels. We use exclusively valve steel of the highest quality and state-of-the-art technologies allow us to comply with global high quality standards.

Valves belong to engine parts subject to the greatest load. Their quality is largely decisive for engine reliability and durability. Therefore, it is so important that the valves comply with such demanding requirements as:

1. Long-term maintenance of tightness;
2. Resistance to high temperature and mechanical load strength
3. Resistance to corrosion and erosion
4. High degree of thermal conductivity coefficient
5. Low degree of abrasion
6. High hardness value of valve faces and stems at high operating temperatures
7. Stability of material structure at high temperatures

The production process is aimed at the use of the valves in compliance with technological requirements at the highest level, which is achieved through:

1. Preparation of forgings by means of electrospinning and forging
2. Full thermal treatment
3. Machining on numerically-controlled machines
4. Grinding using centerless and automatic grinders
5. Hardening of the stem end through induction hardening stelliting
6. Friction welding
7. Stem hardening by means of pressing or impulse plasma nitriding
8. Laser marking
9. Packing into tight individual bags as well as completion and collective packaging, which protect the valves against corrosion and damage during transport and storage.

Produktinfos

Firma **PARADOWSCY AMP®** st Hersteller von über 1700 Ventiltypen für Aggregate , Kräder, Pkw- und Lkw -Motoren, Loks, ja sogar Schiffe, für differente flüssige und Gaskraftstoffe. Bei der Produktion setzen wir ausschließlich höchstqualitativen Ventilstahl ein und moderne Produktionsverfahren ermöglichen es, hohen Standards weltweit gerecht zu werden.

Die Ventile sind die am stärksten belasteten Motorteile. Ihre Qualität beeinflusst in hohem Maße die Zuverlässigkeit und Lebensdauer des Motors. Es ist deshalb wichtig, dass die Ventile folgende schwere Bedingungenerfüllen:

1. Konstante Dichtheit
2. Beständigkeit gegen hohe Temperaturen und mechanische Belastung
3. Korrosions- und Erosionsbeständigkeit
4. Hohe Wärmeleitfähigkeitskennzahl
5. Abriebbeständigkeit
6. Hohe Härte der Ventilsitzflächen und -schäfte bei hohen
7. Materialstrukturstabilität bei hohen Temperaturen

Das Ziel des Produktionsprozesses besteht, darin, Ventile gemäß den strengsten verfahrenstechnischen Anforderungen

zu fertigen; dabei werden folgende Aspekte berücksichtigt:

1. Schmiedestückfertigung im Elektrostauch- und Schmiedeverfahren
2. Realisierung einer kompletten Wärmebearbeitung
3. Zerspanen auf numerisch gesteuerten Maschinen
4. Schleifbearbeitung auf spitzenlosen Schleifmaschinen und Schleifautomaten
5. Verfestigung des Ventilschaftendstückes durch Induktionshärten sowie Stellitaufschweißen
6. Reibschweißen
7. Ventilschaftverfestigung durch Glattprägen oder Impulsplasmanitrieren
8. Lasergestützte Eichung
9. Einzelteilverpackung in dichten Beuteln sowie Los- und Sammelverpacken , um die Ventile gegen Korrosion und Schäden beim Transport und der Lagerung zu schützen

Информации о продукте

Фирма **PARADOWSCY AMP®** производит более 1700 типов клапанов для агрегатов, мотоциклов, двигателей легковых и грузовых автомобилей работающих на любом жидком и газовом топливе, локомотивов, а также судов. Мы используем клапанную сталь наивысшего качества, а современные технологии производства позволяют нам изготовлять компоненты отвечающие всем мировым стандартам.

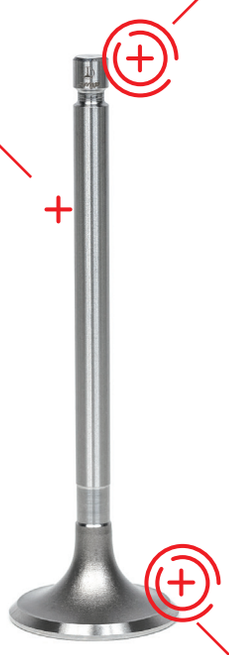
Клапаны – это те элементы двигателя, которые подвержены самой сильной нагрузке. От качества клапанов по большому счету зависит долговечность и надёжность мотора. Очень важно, чтобы клапаны отвечали таким требованиям как:

1. Долговременное обеспечение герметичности;
2. Устойчивость к высоким температурам и механическим нагрузкам;
3. Стойкость к коррозии и эрозии;
4. Высокий коэффициент теплопроводности;
5. Низкое истирание
6. Сохранение высокого уровня прочности головки и стержня клапана при функционировании в условиях высокой температуры;
7. Неизменность структуры материала в условиях высокой температуры;

Задача производственного процесса - изготовление клапанов, отвечающих технологическим стандартам наивысшего качества. Это достигается путём:

1. Выполнения заготовок методом высадки и ковки;
2. Выполнения полной тепловой обработки;
3. Удаления стружки цифровыми станками;
4. Шлифовки на плоскошлифовальных станках и шлифовочных автоматах;
5. Упрочнения стержня методом индукционного закаливания и наплавления стеллита;
6. Сварки трением;
7. Упрочнения стержня клапана прессованием или импульсным плазменным азотированием;
8. Гравировки лазерным методом;
9. Упаковки готовых клапанов в плотные индивидуальные пакеты, комплектации в прочные ящики, защищающие товар от коррозии и повреждений во процессе транспортировки и складирования.

- Utwardzanie trzonków poprzez dogniatanie lub impulsowe azotowanie plazmowe.
- Stem hardening by means of pressing or impulse plasma nitriding.
- Härten Sie die Griffe durch Brünieren oder Pulsplasmanitrieren.
- Поверхностное упрочнение стержня клапана накаткой или методом импульсного ионно-плазменного азотирования.



- Utwardzanie końca trzonka przez hartowanie indukcyjne oraz napawanie stelitem.
- Hardening of the stem end through induction hardening stelliting.
- Das Wellenende durch Induktionshärten und Aufpolstern mit Stellit härten.
- Упрочнение торца стержня путём индукционной закалки и наплавки стеллитом.

- Odporność na wysoką temperaturę i wytrzymałość na obciążenia mechaniczne.
- Resistance to high temperature and mechanical load strength.
- Hohe Temperaturbeständigkeit und Beständigkeit gegen mechanische Beanspruchung.
- Устойчивость к высокой температуре механическим нагрузкам.

Historia AMP®

1945

Założenie firmy

Company establishment

Firmengründung

Учреждение компани

1956

Przeniesienie zakładu produkcyjnego do Warszawy

Relocation of the production plant to Warsaw

Verlagerung der Produktionsstätte nach Warschau

Перенос производства в Варшаву

1964

Oparcie działalności firmy na produkcji zaworów silnikowych

Basing the company's activity on the production of engine valves

Ausgehend von der Tätigkeit des Unternehmens auf die Herstellung von Motorventilen

Перепрофилирование деятельности компании на производство клапанов

1968

Powstanie znaku handlowego firmy w obecnej postaci

Establishment of the company's trademark in its present form

Etablierung des Markenzeichens des Unternehmens in seiner jetzigen Form

Создание товарного знака компании в нынешнем виде

1991

Przejęcie sterów w firmie przez drugie pokolenie właścicieli

The second generation of owners takes over the reins in the company

Die zweite Inhabergeneration übernimmt das Ruder im Unternehmen

Второе поколение владельцев принимает на себя управление компанией

1998

Wprowadzenie prowadnic zaworowych do oferty sprzedaży AMP®

Introduction of valve guides to the AMP® offer

Einführung von Ventilführungen in das AMP®-Angebot

Расширение коммерческого предложения AMP® за счет направляющих втулок клапанов





AMP® History

1999

Powstanie zakładu produkcyjnego w Kunowie.Zwiększenie możliwości produkcyjnych firmy do poziomu 2 000 000 zaworów silnikowych rocznie

Establishment of a production plant in Kunów. Increasing the company's production capacity to 2,000,000 engine valves per year

Gründung einer Produktionsstätte in Kunów. Erhöhung der Produktionskapazität des Unternehmens auf 2.000.000 Motorventile pro Jahr

Открытие производственного предприятия в Кунове. Увеличение производственной мощности компании до 2 000 000 клапанов в год.

2005

Wprowadzenie sworzni tłokowych do oferty sprzedaży AMP®

Introduction of piston pins to the AMP® offer

Einführung von Kolbenbolzen in das AMP®-Verkaufsangebot

Расширение коммерческого предложения AMP® за счет поршневых пальцев

2007

Wprowadzenie technologii azotowania jonowo - plazmowego zaworów silnikowych.

Introduction of the ion-plasma nitriding technology of engine valves.

Einführung der Ionen-Plasma-Nitrierungstechnologie von Motorventilen.

Внедрение технологии ионно-плазменного азотирования клапанов

2015

Wprowadzenie pierścieni tłokowych do oferty sprzedaży AMP®

Introduction of piston rings to the AMP® offer

Einführung von Kolbenringen in das AMP®-Verkaufsangebot

Расширение коммерческого предложения AMP® за счет поршневых колец

2020

Przekształcenie przedsiębiorstwa w spółkę kapitałową

Transformation of an enterprise into a capital company

Umwandlung eines Unternehmens in eine Kapitalgesellschaft

Преобразование предприятия в общество с ограниченной ответственностью

2021

Wprowadzenie tłoków silnikowych do oferty sprzedaży AMP®

Introduction of engine pistons to the AMP® offer

Einführung von Motorkolben in das AMP®-Angebot

Расширение коммерческого предложения AMP® за счет поршней двигателя







Skład chemiczny stali zaworowych

Lp.	Gatunek Stali	GŁÓWNE SKŁADNIKI CHEMICZNE W %								
		C	Si	Mn	Pmax	Smax	Cr	Mo	Ni	Inne
1	X45Cr5i9-3 1.4718 (H952)	0,40 0,50	2,70 3,30	max 0,60	0,040	0,030	8,00 10,00		max 0,50	
2	X40Cr5iMo10-2 1.4731 (H1052M)	0,35 0,45	2,00 3,00	max 0,80	0,040	0,030	9,50 11,50	0,80 1,30	max 0,50	
3	X53CrMnNiN21-9 1.4871 (50H21G9N4)	0,48 0,58	max 0,25	8,00 10,00	0,045	0,030	20,00 22,00		3,25 4,50	
4	X50CrMnNiNbN21-9 1.4882	0,45 0,55	max 0,45	8,00 10,00	0,045	0,030	20,00 22,00		3,50 5,50	W: 0,80-150 N bTa: 1,80-2,504
5	NiCr20TiA 2.4952 (NIMONIC 80A)	0,04 0,10	max 1,00	max 1,00	0,020	0,015	18,00 21,00		min. 65,00	N: 0,40-0,60 Fe: max 3,00 Cu: max 0,20 Co: max 2,00 B: max 0,008 Al: 1,00-1,80 Ti: 1,80-2,70

Właściwości i zastosowanie stali zaworowych

Lp.	Gatunek Stali	WŁASNOŚCI WYTRZYMAŁOŚCIOWE				STRUKTURA STALI	ZASTOSOWANIE STALI
		Rm [N/nm²]	Rm [N/nm²]	A5 [%]	Z [%]		
1	X45CrSi9-3	900-1100	min. 799	14	40	sorbistyczna + węgliki	zawory ssące silników mało obciążonych
2	X40CrSiMo10-2	900-1100	min. 700	14	40	sorbistyczna + węgliki	zawory ssące i wydechowe silników średnio obciążonych
3	X53CrMnNiN21-9	950-1200	min. 580	8	10	austenityczna + węgliki	zawory głównie wydechowe silników mocno obciążonych
4	X50CrMnNiNbN21-9	950-1150	min. 580	12	15	austenityczna + węgliki	zawory głównie wydechowe silników mocno obciążonych
5	NiCr20TiAl	1100-1400	min. 725	15	25	austenityczna + węgliki	zawory głównie wydechowe silników mocno obciążonych

Chemical composition of valve steel

Item	Steel Grade	MAIN CHEMICAL INGREDIENTS %								
		C	Si	Mn	Pmax	Smax	Cr	Mo	Ni	Other
1	X45Cr5i9-3	0,40	2,70	max	0,040	0,030	8,00		max	
	1.4718 (H952)	0,50	3,30	0,60			10,00		0,50	
2	X40Cr5iMo10-2	0,35	2,00	max	0,040	0,030	9,50	0,80	max	
	1.4731 (H1052M)	0,45	3,00	0,80			11,50	1,30	0,50	
3	X53CrMnNiN21-9	0,48	max	8,00	0,045	0,030	20,00		3,25	
	1.4871 (50H21G9N4)	0,58	0,25	10,00			22,00		4,50	
4	X50CrMnNiNbN21-9	0,45	max	8,00	0,045	0,030	20,00		3,50	W: 0,80-150
	1.4882	0,55	0,45	10,00			22,00		5,50	N bTa: 1,80-2,504
5	NiCr20TiA	0,04	max	max	0,020	0,015	18,00		min.	N: 0,40-0,60 Fe: max 3,00 Cu: max 0,20 Co: max 2,00
	2.4952 (NIMONIC 80A)	0,10	1,00	1,00			21,00		65,00	B: max 0,008 Al: 1,00-1,80 Ti: 1,80-2,70

Properties and applications of valve steel

Item	Steel Grade	RESISTANCE CHARACTERISTICS				STEEL STRUCTURE	STEEL APPLICATION
		Rm [N/nm²]	Rm [N/nm²]	A5 [%]	Z [%]		
1	X45CrSi9-3	900-1100	min. 799	14	40	sorbitic + carbides	inlet valves of light duty engines
2	X40CrSiMo10-2	900-1100	min. 700	14	40	sorbistyczna + carbides	inlet and outlet valves of medium duty engines
3	X53CrMnNiN21-9	950-1200	min. 580	8	10	austenitic + carbides	mainly outlet valves of heavy duty engines
4	X50CrMnNiNbN21-9	950-1150	min. 580	12	15	austenitic + carbides	mainly outlet valves of heavy duty engines
5	NiCr20TiAl	1100-1400	min. 725	15	25	austenitic + carbides	mainly outlet valves of heavy duty engines

Azotowanie

Od 2007 roku firma Paradowscy AMP Sp. z o.o. wprowadza na rynek krajowy oraz na rynki zagraniczne zawory silnikowe azotowane plazmowo w procesie impulsowego azotowania jonowego. Proces ten jest najnowocześniejszym w skali światowej procesem azotowania metali. Służy do powierzchniowej obróbki silnie obciążonych powierzchni części maszyn, urządzeń i narzędzi z wykorzystaniem wyładowań jarzeniowych generowanych przez pulsujące pole elektryczne. W procesie tym wykorzystuje się zjawisko wyładowania impulsowego w rozrzedzonych gazach do nasycenia azotem powierzchni metali. Azotowanie jonowe jest nowoczesną odmianą azotowania gazowego, w którym amoniak zastąpiono azotem i wodorem, nie stwarzającą zagrożenia dla środowiska naturalnego.

Proces prowadzi się w niskich temperaturach (od 400°C, co jest jedną z wielu zalet azotowania jonowego) oraz przy obniżonym ciśnieniu. Najważniejszym powodem, dla którego przeprowadza się ten proces jest uzyskiwanie wysokich wartości twardości warstw azotowanych. Zakres temperatur od 400 do 600°C umożliwia sterowanie procesem utwardzania. Najwyższe twardości uzyskuje się po azotowaniu w przedziale 400÷500°C. Proces azotowania prowadzi się w zbiorniku próżniowym w zakresie ciśnień 1÷10 hPa. Obrabiany wsad stanowi biegun ujemny wyładowania (katodę), zaś ściany zbiornika - biegun dodatni (anodę). Pod wpływem przyłożonego napięcia prądu stałego (400÷700V) powierzchnia katody emituje elektrony, które w polu elektrycznym nabierają energii niezbędnej do jonizacji cząsteczek gazu. Wskutek zderzeń zjonizowane atomy oraz cząsteczki są przyspieszane i uderzają w powierzchnię katody. Bombardujące powierzchnię jony powodują wybijanie atomów żelaza, pierwiastków stopowych, węgla, azotu oraz elektronów niezbędnych do podtrzymywania wyładowania jarzeniowego. Atomy żelaza łączą się z aktywnymi atomami azotu i osadzają na powierzchni w postaci azotków oraz nasycają warstwy przypowierzchniowe azotem w procesie dyfuzji. W wyniku azotowania jonowego otrzymuje się warstwy azotków z nieporowatą jednofazową strefą przypowierzchniową zapewniającą równomierność warunków fizykochemicznych. Możliwe jest precyzyjne sterowanie strukturą warstwy, co pozwala na efektywną obróbkę dużych elementów o wysokich wymaganiach wymiarowych oraz zapewnia uzyskanie dużej trwałości eksploatacyjnej.

Nieustannie ulega rozszerzeniu asortyment materiałów, które można utwardzać tą metodą uzyskując przyrost trwałości. Azotowanie jonowe niezwykle skutecznie zwiększa odporność na ścieranie i zatarcie warstw azotowanych. Stosowanie technologii azotowania jonowego w zaworach silnikowych pozwala zwiększyć ich trwałość w układzie trzonek zaworu - prowadnica oraz zmniejszenie adhezji nagaru w strefie grzybka. Zastosowanie tej nowoczesnej technologii umożliwia podwyższenie ogólnej trwałości zaworów.

Stosując technologię plazmowego azotowania jonowego mamy możliwość uzyskania zaworów o wysokich właściwościach mechanicznych - twardość, odporność na zatarcie, ścieranie i zużycie. Technologia ta wykazuje wiele zalet w porównaniu z dotychczas stosowanym chromowaniem i azotowaniem w kąpielach solnych, przewyższając je dodatkowo pod względem neutralnego wpływu na środowisko.

Nitriding

As of 2007 AMP Paradowscy Sp. z o.o. introduced engine valves finished in the process of impulse ion nitriding. This process is the most modern metal nitriding process worldwide. It is used in processing of surfaces of particular elements of machines, plant and tools under severe loads using the glow discharge generated by a pulsating electric field. This process makes use of the phenomenon of impulse discharge in thinned gas for saturation of metal surfaces with nitrogen. Ion nitriding is a modern form of gas nitriding , in which causes no threat for the natural environment.

The process is performed at low temperatures (from 400˚C, which is one of several advantages of ion nitridnig) and at reduced pressure. The most important reason for which this process is performed is to obtain high hardness values of nitride surfaces. The range of temperatures form 400 to 600˚C allows controlling the hardening process. The highest hardness values are obtained through nitriding within the range of 400 to 500˚C. The nitriding process is performed in a vacuum tank at a predetermined pressure. The processed charge becomes the negative end of the discharge (cathode), while tank walls – positive end (anode). Under the applied direct current (400 to 700V) the cathode surface emits electrons, which acquire energy in the electric field necessary for ionization of gas particles. Through collisions the ionized atoms and particles are accelerated and hit the cathode surface. Ions that bombard the surface lead to knocking out of iron atoms, alloying elements, coal, nitrogen and electrons indispensable for keeping up the glow discharge. Iron atoms bind witch active nitrogen atoms and settle on the surface in the form of nitrides and saturate the surface coats with nitrogen in the diffusion process. Through ion nitriding a layer of nitrides is produced witch non-porous monophase surface coat that assures homogeneity of physical and chemical properties. It is possible to control precisely the coat structure, which allows effective processing of larger elements with high dimensions related requirements and guarantees obtaining significant operational durability.

There is a growing variety of materials that may be hardened by this method, which allows obtaining durability increase. Ion nitriding very effectively enhances resistance to attrition and galling of nitrided coats. Application of the ion nitriding technology in engine valves improves their durability within the system of valve spindle-valve guide and reducing adhesion of carbon deposit in the head area. Through the application of this modern technology a corrosion resistant coat is achieved and general durability of valves is enhanced.

Application of the plasma ion nitriding technology produces valves with high mechanical properties – hardness, resistance to galling, attrition and wearing while neutral impact on the environment.



Proces azotowania | Nitriding
Nitrieren| Азотирование

Nitrieren

Firma Paradowscy AMP Sp. z o. o. ab 2007 plasmanitrierte Kfz-Motorenventile(Pulsionnitrierverfahren)aufdenIn-unddieausländischen Märkte einführt. Dieser Prozess steht für das weltweit modernste Nitrierverfahren der Metalle. Er dient zur Oberflächenbearbeitung stark belasteter Maschinen. Anlagen- und Werkzeugteile unter der Verwendung von durch ein elektrisches Pulsfeld generierten Glimmentladungen. In diesem Prozess wird eine Pulsentladung unter verdünnten Gasen für die Metalloberflächennitrierung eingesetzt. Das Ionnitrieren ist eine moderne Version von Gasnitrieren, hier wird Ammoniak durch Stickstoff und Wasserstoff ersetzt. ohne dass Umweltgefährdungen dabei entstehen.

Der Prozess verläuft unter niedrigen Temperaturen (bis 400°C, es ist ein der vielen Vorteilen von Ionnitrieren) und bei reduziertem Druck Der wichtigste Grund, um diesen Prozess einzusetzen besteht darin, dass hohe Härtewerte der Nitrierschichten erreicht werden. Aufgrund des Temperaturbereiches von 400 bis 600°C ist die Steuerung des Härteprozesses möglich. Die höchsten Härtewerte werden beim Nitrieren im Temperaturbereich von 400 bis 500°C erreicht. Der Nitrierprozess verlauft in einem Vakuum-behälter im Druckbereich von 1÷10 hPa. Die bearbeitete Charge bildet den Entladungsminuspol (Kathode), die Behälterwände hingegen den Pluspol (Anode). Durch die angelegte Gleichspannung von 400 ÷ 700 V werden Elektronen von der Kathode emittiert, die im elektrischen Feld mit der erforderlichen Energie für die Ion isierung der Gaspartikel beladen werden. Ionisierte Atome und Partikel stoßen gegeneinander, werden dadurch beschleunigt und stoßen gegen die Kathodenoberfläche. Dadurch werden Atome von Eisen, Legierungselementen, Kohlenstoff, Stickstoff sowie für die Aufrechterhaltung der Glimmentladung erforderliche Elektronen herausgetrieben. Die Eisenatome verbinden sich mit aktiven Stickstoffatomen und setzen sich auf der Oberflache in Form von Nitriden ab sowie sättigen die Oberflächenschichten mit Stickstoff im Diffusionsprozess. Infolge der Ionnitrierung werden Nitridschichten mit einem nicht porösen, einphasigen Bereich unterhalb der Oberfläche erreicht, dabei werden homogene, physikalisch-chemische Verhaltnisse sichergestellt. Eine präzise Steuerung der Schichtstruktur ist möglich, sodass große Elemente mit hohen Maßanforderungen effizient bearbeitet sowie eine lange Betriebslebensdauer erreicht werden können.

Die Palette der mit diesem Verfahren gehärteten Materialien wird immer breiter. Das Ionnitrieren erhöht außerordentlich die Abrieb- und Festfressbeständigkeit der nitrierten Flächen. Der Einsatz des Ionnitrierverfahrens für Kfz-Ventile steigert ihre Beständigkeit im Bereich Ventilschah - Ventilführung sowie reduziert die Adhäsion der Verbrennungsrückstände im Bereich des Ventiltellers. Mit diesem modernen Verfahren können korrosionsbeständige Schichten hergestellt und die allgemeine Ventilfestigkeit erhöht werden. Die Prüfergebnisse von Ventilstählen im Ausgangszustand und nach dem Nitrieren im Linearverfahren weisen eine über fünffache Reduzierung des Verschleißgrades von Nitrierstahl nach.

Durch den Einsatz von Plasmaionnerieren ist es für uns mag-lieh, Ventile mit hohen mechanischen Eigenschaften: Härte, Festfress-, Abrieb- und Verschleißbeständigkeit, zu fertigen. Dieses Produktionsverfahren weist zahlreiche Vorteile gegenüber dem bisher verwendeten Verchromen und Salzbadnitrieren auf und überragt sie zusätzlich hinsichtlich seiner neutralen Umweltbeeinflussung.

Азотирование

В 2007 году фирма PARADOWSCY AMP Sp. z o.o. вывела на внутренний и внешние рынки азотированные ионно-плазменным методом клапаны для двигателей внутреннего сгорания. Во всем мире такой метод является самой современной технологией азотирования металлов. Метод основан на обработке поверхности наиболее уязвимых участков деталей техники и оборудования тлеющими зарядами, генерируемыми пульсирующим электрическим полем. Импульсный разряд в разреженой среде насыщает азотом поверхность металла. Ионно-плазменное азотирование – это современный вариант газового азотирования в котором вместо аммиака используются не представляющие угрозы для окружающей среды азот и водород.

Процесс производится при низкой температуре (более 400°C, что можно отнести к одному из преимуществ ионно-плазменного азотирования) и при пониженном давлении. Основным результатом данного процесса является получение высоких показателей прочности азотированных слоев. Диапазон температур от -400°C до -600 °C позволяет получать различные показатели прочности материала. Наиболее высокие показатели прочности азотированной поверхности достигаются при температуре в пределах 400 °C ÷ 500 °C. Процесс азотирования проводится в вакуумной камере с разрежением 1 ÷ 10 гПа. Обрабатываемая деталь служит отрицательным электродом (катодом), а стенки камеры -положительным (анодом). Под влиянием напряжения постоянного тока (400 ÷ 700 V) поверхность катода излучает электроны, которые в электрическом поле приобретают энергию, необходимую для ионизации молекул газа. В результате столкновений ионизированные атомы и молекулы ускоряются и сталкиваются с поверхностью катода. При таком столкновении, ионы воздействуют на атомы железа, легирующие элементы, углерод, азот и электроны, необходимые для поддержания тлеющего разряда. Атомы железа объединяются с активными атомами азота, осаждаются на поверхности в виде нитридов и насыщают наружные слои азотом в процессе диффузии. В результате плазменно-ионного азотирования возникают нитридные слои с непористой однофазной приповерхностной зоной, обеспечивающей однородность физико-химических условий. Можно точно контролировать структуру слоя, эффективно обрабатывать крупные элементы с высокими требованиями к точности размеров и достичь повышеной износостойкости.

Постоянно расширяется ассортимент материалов, для которых разрабатываются индивидуальные технологические параметры процесса ионно-плазменного азотирования. В результате упрочнения вышеуказанным методом образуется диффузионный слой, который обеспечивает увеличение срока службы, износостойкость и антизадирные свойства изделий. Применение этой технологии совершенствует работоспособность пары „стержень клапана - направляющая", снижает адгезию нагара в области тарелки, повышает антикоррозионную стойкость и долговечность клапана.

Технология ионно-плазменного азотирования помогает произвести клапаны с высокими механическими характеристиками (прочность, износостойкость, усталостная выносливость, антизадирные свойства). Эта технология имеет существенные преимущества в сравнении с применявшимися ранее методами хромирования и азотирования в соляных ваннах, в том числе и с точки зрения отсутствия негативного воздействия на окружающую среду.

Weryfikacja oryginalności produktów AMP®

W związku z pojawiającymi się na rynkach podróbkami wyrobów naszej firmy i w trosce o dobro klienta w 2016 roku wprowadziliśmy system umożliwiający sprawdzenie pochodzenia produktu. Wprowadzenie dla każdego produktu unikalnego kodu umieszczonego na opakowaniu pozwala zweryfikować firmę AMP® jako producenta wyrobu. Sprawdzić oryginalność produktu możesz na naszej stronie internetowej w zakładce „Sprawdź oryginalność".

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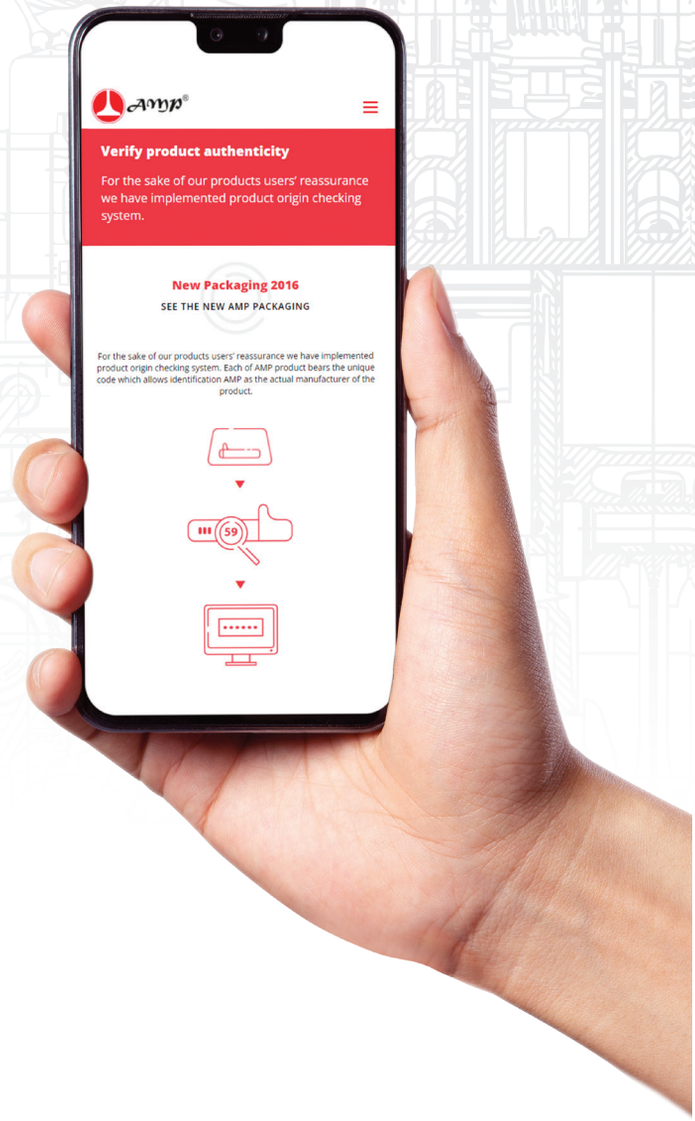
Due to the counterfeit products of our company appearing on the markets and for the sake of our products users' reassurance we have implemented product origin checking system. Each of AMP product bears the unique code which allows identification AMP® as the actual manufacturer of the product. You can check product authenticity on our website via 'Verify product authenticity'.

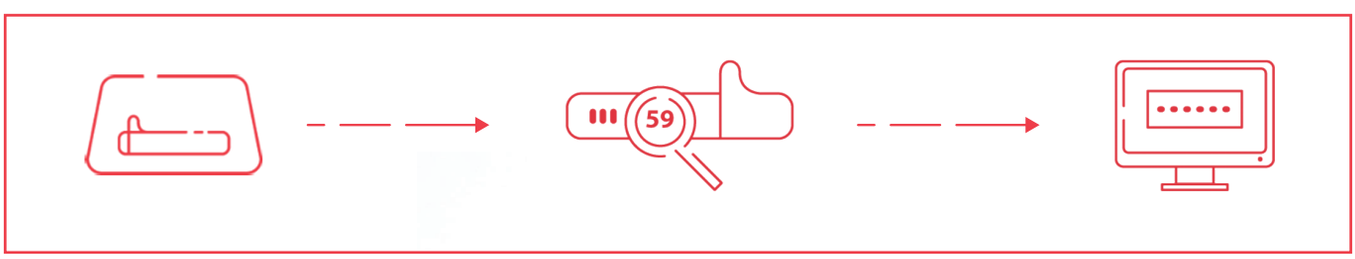
Ventile auf Sonderbestellung

Aufgrund der auf den Märkten erscheinenden gefälschten Produkte unseres Unternehmens und zur Sicherheit der Benutzer unserer Produkte haben wir ein System zur Überprüfung der Produktherkunft eingeführt. Jedes AMP-Produkt trägt den einzigartigen Code, der es ermöglicht, AMP® als den tatsächlichen Hersteller des Produkts zu identifizieren. Sie können die Produktechtheit auf unserer Website über „Verify product authenticity" überprüfen.

Проверка подлинности продуктов AMP®

В связи с появлением на рынке поддельной продукции нашей компании и для защиты интересов клиентов, в 2016 году мы внедрили систему, которая позволяет проверить происхождение продукта. Присвоение уникального кода каждой упаковке товара поможет удостоверится, что он произведен компанией AMP®. Проверить подлинность товара вы сможете на нашем сайте в закладке «Проверка оригинальности».





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Zawory na specjalne zamówienie AMP®

Nie znajdujesz pożądanych pozycji w katalogu? W Paradowscy AMP® oferujemy możliwość realizacji zamówienia na specjalne zamówienie klienta. Dzięki wieloletniemu doświadczeniu oraz odpowiedniej technologii AMP® jest w stanie sprostać najtrudniejszym wymaganiom nabywców, a nasze zawory przewidziane są do pracy w najcięższych warunkach. Realizacja zamówień odbywa się na podstawie dostarczonego wzorca lub rysunku technicznego. Istnieje również możliwość uzgodnienia modyfikacji z działem technicznym. Swój zawór możesz również zaprojektować na naszej stronie internetowej

Valves on special order

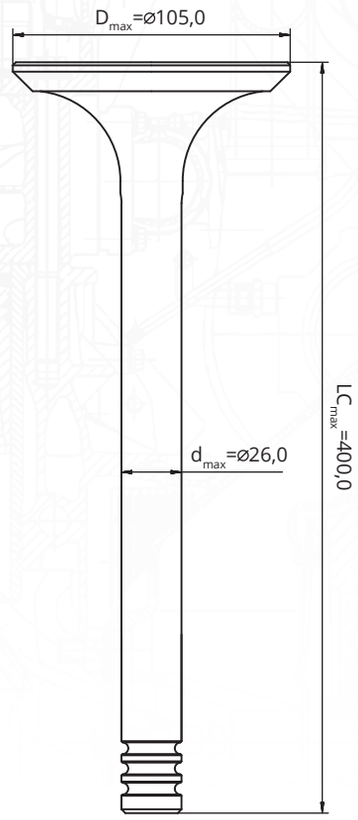
Can't find the desired items in the catalogue? At Paradowscy AMP®, we offer the possibility of executing orders on a special client's request. Thanks to many years of experience and appropriate technology, AMP® is able to meet the most difficult requirements of our customers, and our valves are designed to work in the most difficult conditions. Orders are processed on the basis of provided sample or technical drawing. It is also possible to agree on modifications with the technical department. You can also design your valve on our website in the **'Design your valve' tab.**

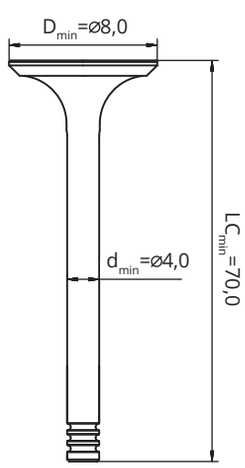
Ventile auf Sonderbestellung

Sie können die gewünschten Artikel nicht im Katalog finden? Bei Paradowscy AMP® bieten wir die Möglichkeit, Aufträge auf speziellen Kundenwunsch auszuführen. Dank langjähriger Erfahrung und entsprechender Technik ist AMP® in der Lage, die schwierigsten Anforderungen unserer Kunden zu erfüllen, und unsere Armaturen sind für den Einsatz unter schwierigsten Bedingungen ausgelegt. Die Auftragsabwicklung erfolgt auf der Grundlage bereitgestellter Muster oder technischer Zeichnungen. Es ist auch möglich, Änderungen mit der technischen Abteilung zu vereinbaren. Sie können Ihr Ventil auch auf unserer Website im Reiter **„Design your valve" gestalten.**

Клапаны по спецзаказу

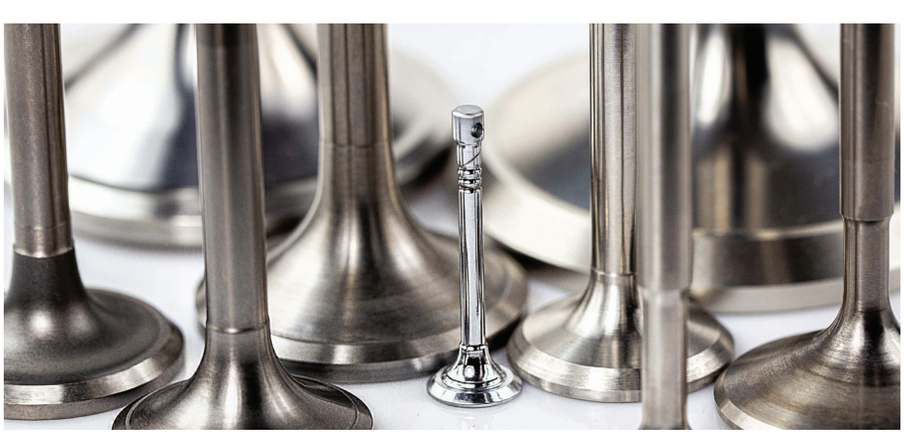
Не удалось найти необходимые позиции в каталоге? Компания Paradowscy AMP® предлагает возможность производства товара по индивидуальному заказу клиента. Благодаря многолетнему опыту и наличию соответствующей технологии, AMP® может удовлетворить самые трудные запросы клиентов, ведь наши клапаны предполагают работу в тяжелых условиях. Выполнение заказа реализуется на основании предоставленного образца или технического чертежа. Существует возможность согласования модификаций с техническим отделом. Также клапан, отвечающий вашим требованиям вы можете спроектировать через наш сайт в закладке **«Проектирование клапана».**





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Sposób oznaczania zaworu numerem AMP®

Przykład oznaczenia P VWG 035 - A - P - C

- P oznacza „zawór”
- Litery XYZ odwołują się do marki pojazdu (np. VWG – oznacza Volkswagen Group)
- PXYZ### indeks odwołujący się do geometrii zaworu

NAZWA PODSTAWOWA	Rozszerzenie nazwy podstawowej np.: A - P - C		
P + 3 litery + 3 cyfry	Materiał - 1 litera	Stellit - 1 litera lub cyfra “0”	Uszlachetnienie powierzchni - 1 litera lub cyfra “0”
Przykład: **P VWG 035**	**S** bez stellitu	**0** bez stellitu	**0** bez uszlachetniania
	A austenityczny	**P** stellitowana przylgnia	**N** azotowany
	B bimetaliczny	**T** stellitowany koniec trzonka	**C** chromowany
	Z zgrzewana płytka	**W** bez stellitu	**D** dogniatany

Method of valve identification AMP® number

Example P VWG 035 - A - P - C

- P stands for ‘valve’
- XYZ letters associated with the vehicle brand (e.g. VWG – means Volkswagen Group)
- PXYZ### index that specify the valve geometry

BASIC NAME	Basic name extension e.g: A - P - C		
P + 3 letters + 3 digits	Material - 1 letter	Stelliting - 1 letter or digit ‘0’	Surface upragde - 1 letter or digit ‘0’
Example: **P VWG 035**	**S** sorbitic	**0** no stellite	**0** no upgrade
	A austenitic	**P** stellited faying surface	**N** nitrided
	B bimetallic	**T** stellited stem tip	**C** chrome plated
	Z faying surface	**W** stellited faying surface and tip of the stem	**D** burnished

Methode zur Ventilidentifikation mit AMP®-Nummer

Beispiel P VWG 035 - A - P - C

- P steht für „Ventil"
- Die Buchstaben XYZ beziehen sich auf die Fahrzeugmarke (z.B. VWG - steht für Volkswagen Konzern)
- PXYZ### Ein Index, der sich auf die Ventilgeometrie bezieht

GRUNDNAME	Basisnamenerweiterung, z.B. A - P - C		
P + 3 Buchstaben + 3 Ziffern	Material - 1 Buchstabe	Stelliteinsatz - 1 Buchstabe oder Zahl "0"	Oberflächenvergütung - 1 Buchstabe oder Zahl "0"
Beispiel: **P VWG 035**	**S** sorbitisch	**0** ohne Stellit	**0** nicht vergütet
	A austenitisch	**P** Ventilsitzfläche mit Stellitauf-schweißung	**N** nitriert
	B bimetallisch	**T** Ventilschaftend-stück mit Stellitauf-schweißung	**C** verchromt
	Z Verschweißplatte	**W** Ventilsitzfläche und Ventilschaftend-stück mit Stellitauf-schweißung	**D** glattgeprägt

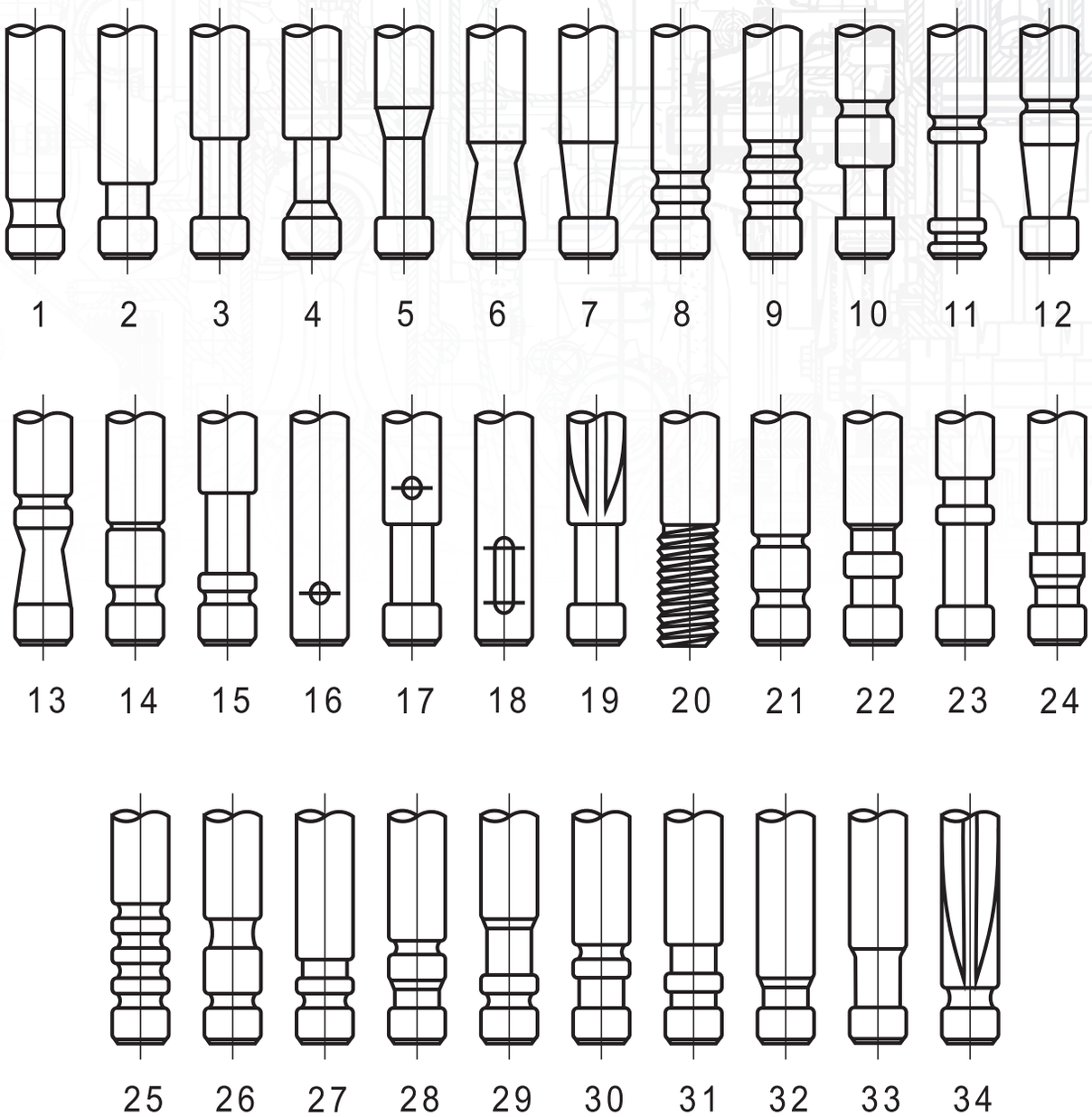
Метод обозначения клапанов номером AMP®

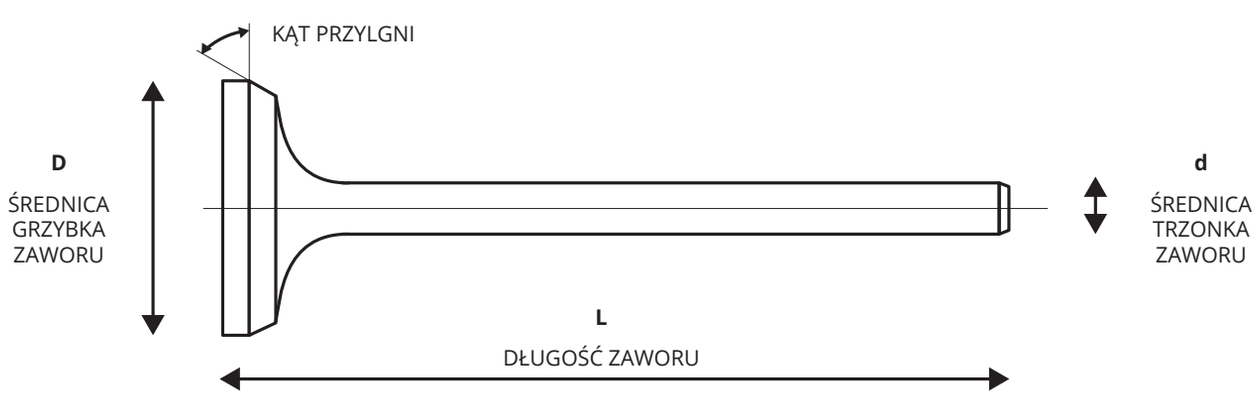
Пример обозначения P VWG 035 - A - P - C

- P означает „клапан"
- Буквы XYZ относятся к марке автомобиля (нп. VWG – относятся к Volkswagen Group)
- PXYZ### индекс, относящийся к геометрии клапана (референционный номер)

BASIC NAME	Расширение основного названная нп.: A - P - C		
P + 3 буквы + 3 цифры	Материал - 1 буква	Stellit - 1 буква или цифра "0"	Дополнительная обработка поверхности - 1 буква или цифра "0"
Пример : **P VWG 035**	**S** сталь сорбитная	**0** без стеллита	**0** без дополнительной обработки
	A сталь аустенитная	**P** стеллитированная рабочая поверхность тарелки клапана	**N** азотирование
	B биметалл	**T** стеллитированный торец клапана	**C** хромирование
	Z сварная пластина	**W** стеллитированные рабочая часть тарелки клапана и торец клапана	**D** вметод упрочнения наружной прессование тел вращения накаткой роликами

Typy zamków


1 2 3 4 5 6 7 8 9 10 11 12
13 14 15 16 17 18 19 20 21 22 23 24
25 26 27 28 29 30 31 32 33 34


KĄT PRZYLGNI
D
ŚREDNICA GRZYBKA ZAWORU
d
ŚREDNICA TRZONKA ZAWORU
L
DŁUGOŚĆ ZAWORU

Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
TOYOTA BENZYNA											
ENG. 1SZ-FE	**Yaris 1.0**	98 →	998 ccm	50 kW (68 PS)	69 / 4	IN	PTOY007	13711-23030	26,0x5,0x88,2	45	1
ENG. 2SZ-FE	**Yaris 1.3 16V**	02 →	1298 ccm	64 kW (87 PS)	72 / 4			13711-97401			
								13711-0J010			
						EX	PTOY008	13715-23030	22,6x5,0x89,1	45	1
								13715-97401			
								13715-0J010			

Year of production, engine, vehicle details

Cylinder bore [mm] Number of cylinders

IN Intake components line
EX Exhaust components line

AMP Valve Reference Number

Motor manufacturer's original number

Nominal dimensions [mm]:
D - head dia of the valve
d - stem dia of the valve
L - overall length of the valve

Angle of faying surface

Number of valve stem end designs

Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
TOYOTA BENZYNA											
ENG. 1SZ-FE	**Yaris 1.0**	98 →	998 ccm	50 kW (68 PS)	69 / 4	IN	PTOY007	13711-23030	26,0x5,0x88,2	45	1
ENG. 2SZ-FE	**Yaris 1.3 16V**	02 →	1298 ccm	64 kW (87 PS)	72 / 4			13711-97401			
								13711-0J010			
						EX	PTOY008	13715-23030	22,6x5,0x89,1	45	1
								13715-97401			
								13715-0J010			

Marke, Modelle, Typ, Leistung, Baujahr

Durchmesser, Zahl der Zylinder

IN Saugventil
EX Abblaseventil

AMP Katalognummer

Orginalnummer des Ventils (amtliches Kennzeichen)

D - Durchmesser des Ventilteller
d - Du..rchmesser des Ventilschaftes
L - Lange des Ventils
[in Millimetern]

Winkel der Sitzfläche

Typ des Schlosses

Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
TOYOTA BENZYNA											
ENG. 1SZ-FE	**Yaris 1.0**	98 →	998 ccm	50 kW (68 PS)	69 / 4	IN	PTOY007	13711-23030	26,0x5,0x88,2	45	1
ENG. 2SZ-FE	**Yaris 1.3 16V**	02 →	1298 ccm	64 kW (87 PS)	72 / 4			13711-97401			
								13711-0J010			
						EX	PTOY008	13715-23030	22,6x5,0x89,1	45	1
								13715-97401			
								13715-0J010			

Марка, модель, тип, мощность, год выпуска

Диаметр, кол-во цилиндров

IN Клапан впускной
EX Клапан выпускной

Каталожный номер

Оригинальный номер клапана

D - Диаметр шляпки
d - Диаметр стержня
L - Длина клапана

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VOLKSWAGEN 537
VOLVO 576

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WLADIMIREC 602

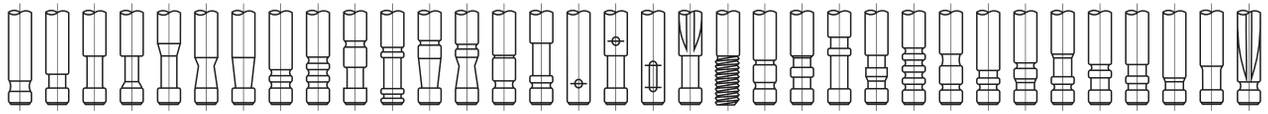
Y

YAMZ 603

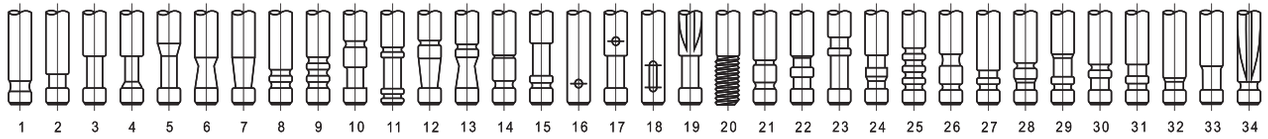
Z

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ZAZ 605
ZETOR 606
ZIL (ZIŁ) 608
ZÜNDAPP 609
ZUK (ŻUK) 610

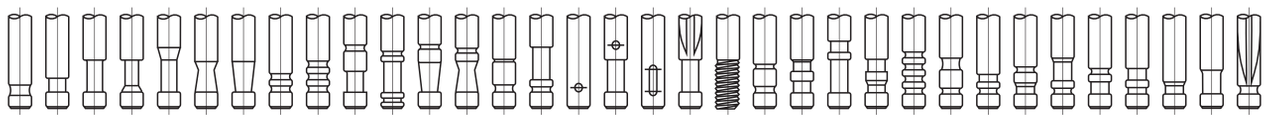
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AGREGATY											
	TYP 36 KVSR 1000 CP					EX	PAGR003	MC-R32558	95,9x18,9x393,7 Zawór dekompresyjny	45	3
							PAGR004	MC-R51505/B	38,1x15,8x381,0	45	33
	DOOSAN					IN	PAGR005	65.04101-0067	43,0x8,0x152,0	30	1
						EX	PAGR006	65.04101-0068	40,0x8,0x152,0	30	1
	PIERWOMAJSK DIESEL MASH					IN	PAGR007	72.91.003.01C	99,9x17,9x298,8	45	6
						EX	PAGR008	72.91.001.01C	99,9x17,9x298,8	45	6



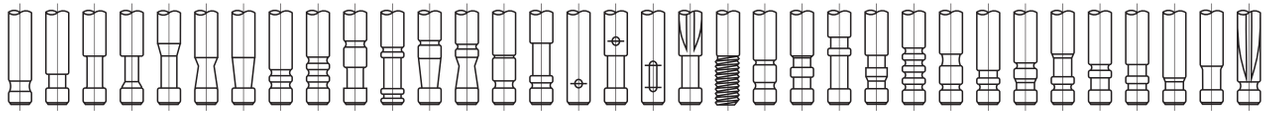
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ALFA ROMEO BENZYNA											
ENG. AR 33503	**145 1.4i 16V**	11/96-12/00	1370 ccm	76 kW (103 PS)	82 / 4	IN	PALF005	7735898	30,0x7,0x113,2	45	9
	146 1.4i 16V	11/96-12/00						60812982			
ENG. AR 32104	**147 1.6i 16V**	11/00 →	1599 ccm	88 kW (120 PS)	82 / 4	EX	PALF006	7735899	26,0x7,0x108,8	45	9
	156 1.6i 16V	10/97-12/05						60812981			
ENG. AR 37203	**147 1.6i 16V**	11/00 →	1598 ccm	77 kW (105 PS)	82 / 4						
ENG. AR 30746	**33 1.7i 16V**	1/90-10/94	1712 ccm	98 kW (133 PS)	87 /4	IN	PALF007	60525336	32,0x7,0x99,1	45	9
ENG. AR 30747	**33 1.7i 16V**	1/90-10/94	1712 ccm	95 kW (129 PS)	87 /4			133798			
ENG. AR 33401	**145 1.7i 16V**	4/94-11/96	1712 ccm	95kW (129 PS)	87 /4			A133798			
	146 1.7i 16V	12/94-11/96				EX	PALF008	60525337	26,0x7,0x101,2	45	9
								133799			
								A133799			
ENG. AR 30102, AR 30104	**Alfasud 1.2**	6/72-9/84	1186 ccm	46-50 kW (63-68 PS)	80 / 4	IN	PALF009	60540326	39,8x8,0x92,0	45	9
ENG. AR 30168	**33 1.3**	6/83-3/88	1351 ccm	63 kW (85 PS)	80 / 4			A134957			
	Alfasud 1.3	3/80-12/84				EX	PALF010	60540325	33,1x8,0x92,1	45	9
	Arna 1.3	1/85-12/86						A134958			
	Sprint 1.3	7/79-12/89									
ENG. AR 30180	**Alfasud 1.3**	3/80-6/83	1351 ccm	50-55 kW (68-76 PS)	80 / 4						
ENG. AR 30184	**Alfasud 1.3**	9/77-9/84	1351 ccm	55 kW (76 PS)	80 / 4						
	Sprint 1.3	9/76-4/78									
ENG. AR 30500	**33 1.2**	6/83-3/88	1186 ccm	44-50 kW (60-68 PS)	80 / 4						
	Arna 1.2	1/85-12/86									
ENG. AR 30568, AR 30587,	**33 1.3**	6/83-10/94	1351 ccm	63-66 kW (86-90 PS)	80 / 4						
AR 30732											
ENG. AR 30743	**33 1.2**	1/90-8/91	1186 ccm	57 kW (78 PS)	80 / 4						
ENG. AR 30753, AR 30755	**33 1.4i**	6/91-10/94	1351 ccm	65 kW (88 PS)	80 / 4						



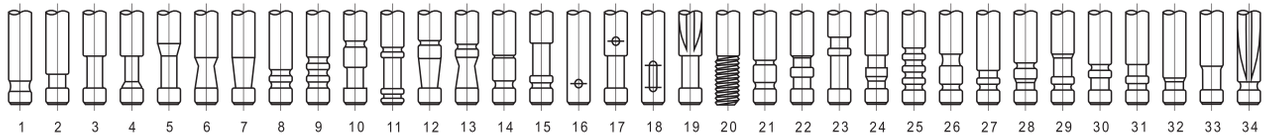
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ALFA ROMEO BENZYNA											
ENG. AR 31000, AR 31010	**Arna 1.2**	9/83-12/84	1186 ccm	47-64 kW (64-86 PS)	80 / 4	IN	PALF009	60540326	39,8x8,0x92,0	45	9
ENG. AR 33501	**145 1.4i**	4/94-1/96	1351 ccm	66 kW (90 PS)	84 / 4			A134957			
	146 1.4i	12/94-11/96				EX	PALF010	60540325	33,1x8,0x92,1	45	9
ENG. AR 30124, AR 30128	**33 1.5**	9/83-12/89	1490 ccm	61-70 kW (83-95 PS)	84 / 4			A134958			
	Alfasud 1.5	3/80-12/84									
	Sprint 1.5	7/79-12/82									
ENG. AR 30146	**33 1.5**	6/84-12/89	1490 ccm	75 kW (102 PS)	84 / 4						
	Alfasud 1.5	1/83-12/84									
	Sprint 1.5	1/83-12/89									
ENG. AR 30508, AR 30588	**33 1.5**	7/87-12/89	1490 ccm	77 kW (105 PS)	84 / 4						
ENG. AR 30514	**33 1.5**	1/84-12/89	1490 ccm	66-70 kW (90-95 PS)	84 / 4						
ENG. AR 30520	**33 1.5**	6/84-12/89	1490 ccm	66 kW (90 PS)	84 / 4						
	Arna 1.5	1/85-12/86									
ENG. AR 30750, AR 30751	**33 1.5i**	6/90-10/94	1490 ccm	70-74 kW (95-101 PS)	84 / 4						
ENG. AR 33201	**145 1.6i**	4/94-11/96	1596 ccm	76 kW (103 PS)	84 / 4						
	146 1.6i	5/95-11/96									
ENG. AR 30734	**33 1.5**	2/90-3/92	1490 ccm	77 kW (105 PS)	84 / 4						
ENG. AR 30738	**33 1.5i**	4/92-10/94	1490 ccm	70 kW (95 PS)	84 / 4						
ENG. AR 30550	**33 1.7**	10/86-3/90	1712 ccm	85-87 kW (115-118 PS)	87 / 4						
	Alfasud 1.7	9/87-12/89									
	Sprint 1.7	10/87-12/89									
ENG. AR 30578, AR 30736, AR 30737, AR 30740	**33 1.7i**	4/88-10/94	1712 ccm	77-79 kW (105-107 PS)	87 / 4						



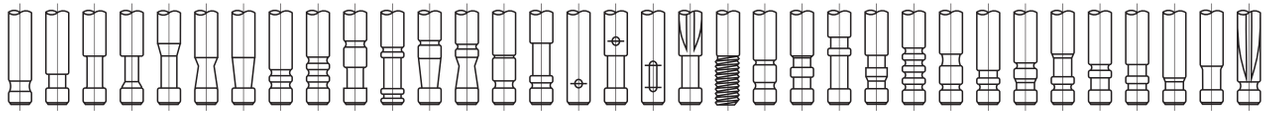
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ALFA ROMEO BENZYNA											
ENG. 937 A1.000	**GTV 2.0i JTS 16V**	6/03-12/05	1969 ccm	121 kW (165 PS)	83 / 4	IN	PALF020	7766564	33,6x7,0x113,0	45	9
	GT 2.0 JTS 16V	10/03-7/04						60811153			
	156 2.0 JTS 16V	1/02-12/05				EX	PALF021	7766565	28,0x7,0x108,6	45	9
	147 2.0 JTS 16V	9/02 →						60811154			
	Spider 2.0i JTS 16V	6/03-2/06						60674496			
ENG. AR 32101	**156 1.6i 16V**	10/97-12/01	1599 ccm	88 kW (120 PS)	82 / 4						
ENG. AR 32102	**145 1.6i 16V**	2/99-12/00	1599 ccm	88 kW (120 PS)	82 / 4						
	146 1.6i 16V	2/99-12/00									
	156 1.6i 16V	4/98-9/00									
ENG. AR 32201	**145 1.8i 16V**	5/98-12/00	1747 ccm	103-106 kW (140-144 PS)	82 / 4						
	146 1.8i 16V	11/96-12/00									
	156 1.8i 16V	10/97-9/00									
	GTV 1.8i 16V	3/98-12/00									
	Spider 1.8i 16V	3/98-12/00									
ENG. AR 32205	**156 1.8i 16V**	9/00-12/05	1747 ccm	106 kW (144 PS)	82 / 4						
	GT 1.8i 16V	10/03 →									
ENG. AR 67106	**145 1.8i 16V**	11/96-4/98	1747 ccm	103-106 kW (140-144 PS)	82 / 4						
	146 1.8i 16V	11/96-4/98									
	155 1.8i 16V	5/96-10/97									
	156 1.8i 16V	10/97 →									
ENG. AR 67601	**145 1.6i 16V**	11/96-12/00	1599 ccm	88 kW (120 PS)	82 / 4						
	146 1.6i 16V	11/96-12/00									
	155 1.6i 16V	5/96-10/97									
	156 1.6i 16V	10/97-9/00									



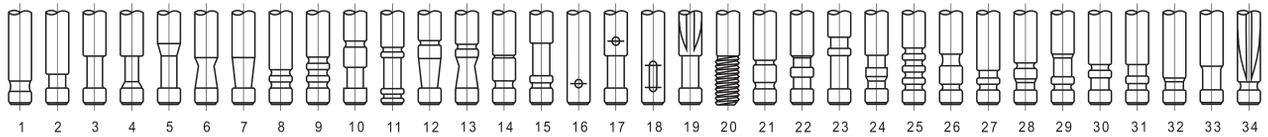
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ALFA ROMEO BENZYNA											
ENG. AR 16201	**145 2.0i 16V**	6/00-12/00	1969 ccm	110-114 kW (150-155 PS)	83 / 4	IN	PALF020	7766564	33,6x7,0x113,0	45	9
	146 2.0i 16V	3/96-12/00						60811153			
	156 2.0i 16V	1/99-10/05				EX	PALF021	7766565	28,0x7,0x108,6	45	9
	166 2.0i 16V	10/98 →						60811154			
	GTV 2.0i 16V	4/95-9/00						60674496			
	Spider 2.0i 16V	4/95-9/00									
ENG. AR 32301	**145 2.0i 16V**	5/98-12/00	1970 ccm	110-114 kW (150-155 PS)	83 / 4						
	146 2.0i 16V	5/98-12/00									
	156 2.0i 16V	1/02-12/05									
	Spider 2.0i 16V	4/95-9/00									
ENG. AR 32303	**156 2.0i 16V**	9/00-12/01	1969 ccm	110-114 kW (150-155 PS)	83 / 4						
ENG. AR 32310	**147 2.0i 16V**	11/00 →	1969 ccm	114 kW (155 PS)	83 / 4						
	156 2.0i 16V	9/00-10/05									
	GTV 2.0i 16V	6/00-12/05									
	Spider 2.0i 16V	9/00-6/02									
ENG. AR 67204	**145 2.0i 16V**	10/95-4/98	1969 ccm	110 kW (150 PS)	83 / 4						
	146 2.0i 16V	10/95-4/98									
	155 2.0i 16V	3/95-10/97									
	GTV 2.0i 16V	5/95-4/98									
	Spider 2.0i 16V	5/95-4/98									
ENG. AR 01655	**Alfetta 2.0**	6/05 →	1962 ccm	96 kW (131 PS)	84 / 4	IN	PALF041	105120330000	44,0x9,0x105,0	30	1
	Giulietta (116) 2.0	6/80-4/85						105120330001			
	GTV 2.0	7/78-01/86						60516251			
ENG. AR 10512	**GTV 2.0**	11/80-1/95	1962 ccm	96 kW (130 PS)		EX	PALF042	105120330102	40,0x9,0x105,0	30	1
								105120330105			
								60516253			



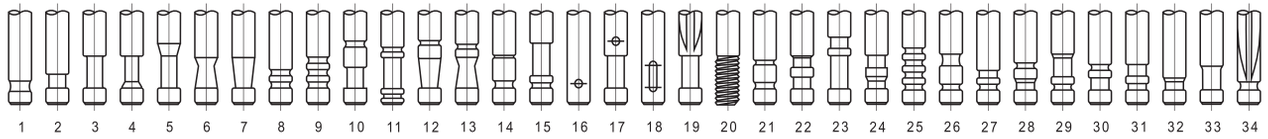
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ALFA ROMEO BENZYNA											
ENG. AR 11633	**Alfa 2000**	5/76 →	1962 ccm	89-94 kW (121-128 PS)	84 / 4	IN	PALF041	105120330000	44,0x9,0x105,0	30	1
	Alfetta 2.0	5/76-12/84						105120330001			
	Giulietta (116) 2.0	6/80-4/85						60516251			
	Spider 2.0	6/71-12/89				EX	PALF042	105120330102	40,0x9,0x105,0	30	1
ENG. AR 11655	**75 2.0i**	2/87-2/92	1962 ccm	94-109 kW (128-148 PS)	c84 / 4			105120330105			
	90 2.0i	10/84-7/87						60516253			
ENG. AR 11671	**Giulietta (116) 2.0**	10/82-4/85	1962 ccm	96 kW (131 PS)	84 / 4						
ENG. AR 06212, AR 01713	**Alfetta 2.0 ie**	82-89	1962 ccm	96 kW (131 PS)	84 / 4	IN	PALF043	116550330003	44,0x9,0x104,5	30	1
	75/90 2.0 ie	82-89						116550330007			
								6054886			
						EX	PALF042	105120330102	40,0x9,0x105,0	30	1
								105120330105			
								60516253			
ENG. M619 DT.200	**164 2.0 ie Turbo**	87 →	1995 ccm		84 / 4	IN	PALF046	4440061	43,6x8,0x105,6	45	1
								4460061			
								7547400			
								46406169			
								7031135			
						EX	PALF048	5953041	36,5x8,0x106,0	45	1
ENG. AR 67203	**155 2.0i Turbo**	92-93	1995 ccm		84 / 4	IN	PALF049	7474739	34,5x7,0x128,0	45	1
-	**75 2.0 16V Turbo**	91 →	1995 ccm		84 / 4			7574739			
								7722907			
						EX	PALF050	7611673	28,5x7,0x125,7	45	1
								7650916			
								7958073			
								7574742			
								60805836			



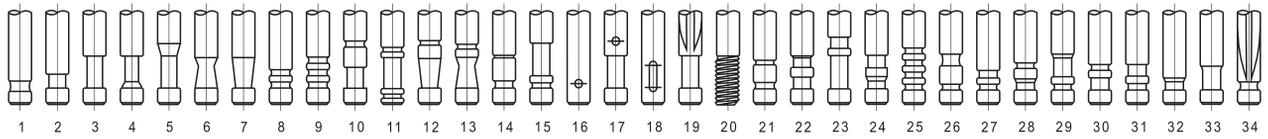
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ALFA ROMEO BENZYNA											
ENG. 119/11, AR 01928	**6 2.5 ie V6**	6/84 →	2492 ccm	117 kW(158 PS)	88 / 6	IN	PALF055	119000330012	41,0x9,0x107,5	45	1
ENG. 119, AR 01911	**75 2.5 ie V6**	5/85 →	2492 ccm	115 kW(156 PS)	88 / 6			60523548			
ENG. 119/11, AR 01646	**90 2.5 ie V6**	6/84 →	2492 ccm	117 kW(158 PS)	88 / 6			119280330001			
ENG. 119, AR 01928	**GTV 2.5 V6**	6/84 →	2492 ccm	118 kW(160 PS)	88 / 6	EX	PALF056	119000330114	36,5x9,0x94,5	45	1
ENG. AR 67301, AR 67302	**155 ie 2.5 V6**	92 →	2492 ccm	122 kW(166 PS)	88 / 6			60523550			
								119280330101			
ENG. AR 32401, AR 32405	**156 2.5i V6 24V**	97 →	2492 ccm	140 kW (190 PS)	88 / 6	IN	PALF057	60582738	33,5x7,0x102,0	45	9
ENG. AR 34201, AR 36201	**166 2.5i V6 24V**	97 →	2492 ccm	140 kW (190 PS)	88 / 6	EX	PALF058	60582739	29,0x7,0x102,2	45	9
ENG. AR 06410	**164 3.0i**	6/87-9/92	2959 ccm	138-141 kW (184-192 PS)	93 / 6	IN	PALF061	60560643	35,6x7,0x102,0	45	9
ENG. AR 06430	**164 3.0i**	9/90-9/92	2959 ccm	147-149 kW (200-203 PS)	93 / 6			55186770			
ENG. AR 64307	**164 3.0i V6 24V**	12/93-9/98	2959 ccm	169 kW (230 PS)	93 / 6	EX	PALF062	60560644	31,1x7,0x102,1	45	9
ENG. AR 34301, AR 36101	**166 3.0i V6 24V**	10/98-10/03	2959 ccm	166 kW (226 PS)	93 / 6						
ENG. AR 16105, AR 16102	**Spider 3.0i V6 24V**	9/00-2/06	2959 ccm	162 kW (220 PS)	93 / 6						
	GTV 3.2i V6 24V	11/96-12/05									
ENG. 932 A.000	**147 3.2i. V6 24V**	1/03 →	3179 ccm	184 kW (250 PS)	93 / 6						
	156 3.2i V6 24V	3/02-10/05									
ENG. 936 A.000	**166 3.2i V6 24V**	03 →	3179 ccm	176 kW (240 PS)	93 / 6						
	GT 3.2i V6 24V	03 →									
	GTV 3.2i V6 24V	03 →									
	Spider 3.2i V6 24V	03 →									
ENG. 936 A.6000	**GT 3.2i V6 24V**	10/03 →	3179 ccm	176 kW (240 PS)	93/6						
	GTV 3.2i V6 24V	6/03-12/05									
	Spider 3.2i V6 24V	6/03-2/06									



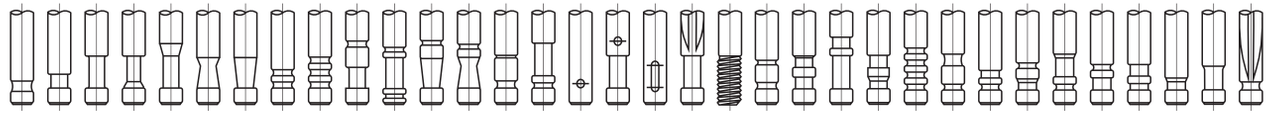
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ALFA ROMEO BENZYNA											
159 1.8 16V	**ENG. 939A4.000**	05 →	1796 ccm	-	82 /4	IN	PALF072	641076 55557741	31,2x5,0x113,8	45	9
						EX	PALF073	641391 641392 55355572 71744388	27,5x5,0x113,2	45	9
ENG. 939 A5.000	**159 2.2 JTS 16V** **Brera 2.2 JTS 16V** **Spider 2.2 JTS 16V**	6/05 → 06 → 06 →	2198 ccm	136 kW (185 PS)	86 /4	IN	PALF074	12575793 12786696 55192156	35,1x6,0x102,3	45	9
ENG. 939 A6.000	**159 1.9 JTS 16V**	6/05 →	1859 ccm	118 kW (160 PS)	86 /4			55563529 641056 641063 71739277			
						EX	PALF075	12597371 12791961 24454518 4805043 641373 641376 641380 71739320 71739686	30,1x6,0x100,9	45	9



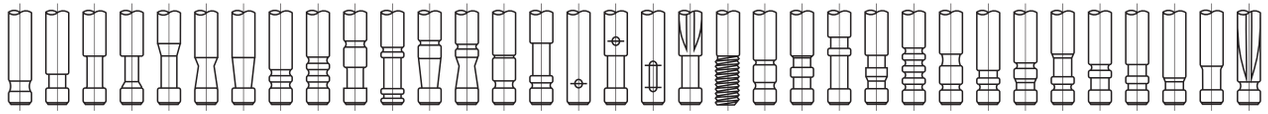
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ALFA ROMEO BENZYNA											
ENG. 199 A6.000	**Mito (955_) 1.4**	09/08 - 08/13	1368 ccm	70 kW (95 PS)	86 /4	IN	PALF080	55185028	26,9x6,0x95,3	45	9
ENG. 199 A8.000	**Mito (955_) 1.4 Tjet (955AXA1B)**	08/08 - 06/11	1368 ccm	114 kW (155 PS)	86 /4	EX	PALF081	55185080	22,4x6,0x94,7	45	9
ENG. 940 A2.000	**Giulietta (940_)1.4 Tb**	09/14 →	1368 ccm	110 kW (150 PS)	86 /4						
	Giulietta (940_) 1.4 Tb (940FXB1A)	04/10 →									
	Mito (955_) 1.4 Multiair (955AXN1B)	09/09 →									
ENG. 940 B1.000	**Giulietta (940_)1.4 Tb**	04/11 →	1368 ccm	77 kW (105 PS)	86 /4						
ENG. 955 A7.000	**Mito (955_) 1.4 Turbo MultiAir (955AXM1A, 955AXR11)**	10/09 →	1368 ccm	99 kW (135 PS)	86 /4						
ENG. 955 A8.000	**Giulietta (940_) 1.4 TB (940FXG1A)**	04/10 →	1368 ccm	120 kW (163 PS)	86 /4						
	Mito (955_) 1.4 Turbo MultiAir	10/09 -	1368 ccm								



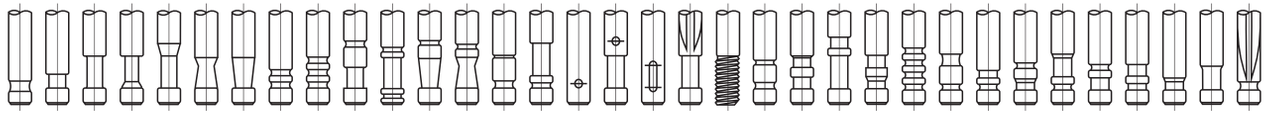
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ALFA ROMEO DIESEL											
ENG. 8144.61	**10/13 AR 6 2.4 D**	85-86	2445 ccm	53 kW (72 PS)	93 / 4	IN	PALF001	4733348	40,9x8,0x121,9	30	1
ENG. 8140.61	**30 AR 8 2.4 D**	78→	2445 ccm	53 kW (72 PS)	93 / 4			4813760			
	35 AR 8 2.4 D	78→						7701462677			
	40 AR 8 2.4 D	78→				IN	PALF003	4757358	41,0x8,0x120,8	30	1
								7301820			
								504069200			
								7701030863			
								7701462678			
								7701463603			
								7701467250			
								0948.A2			
						EX	PALF002	4733349	32,9x8,0x122,0	45	1
								7701462679			
ENG. 8140.27.2700	**30 AR 8 Turbo**	→12/88	2499 ccm	76 kW (103 PS)	93 / 4	IN	PALF003	4757358	41,0x8,0x120,8	30	1
ENG. 8144.21.220	**10 AR 6 Turbo**	3/68-12/89	2445 ccm	68 kW (92 PS)	93 / 4			7301820			
	14 AR 6 Turbo	3/86-12/89						504069200			
ENG. 8140.21.200	**30 AR 8 Turbo**	4/85-12/88	2445 ccm	68 kW (92 PS)	93 / 4			7701030863			
	35 AR 8 Turbo	4/85-12/88						7701462678			
	40 AR 8 Turbo	4/85-12/88						7701463603			
ENG. 8140.61.200	**30 AR 8**	4/78-12/89	2445 ccm	53-60 kW (72-82 PS)	93 / 4			7701467250			
	35 AR 8	4/78-12/89						0948.A2			
	40 AR 8	4/78-12/89				EX	PALF017	7301821	34,4x8,0x122,0	45	1
ENG. 8144.61.200	**10 AR 6**	4/85-2/86	2429 ccm	53 kW (72 PS)	93 / 4			4826033			
	13 AR 6	4/85-2/86						7303309			
	14 AR 6	4/85-2/86						7302157			
	32 AR 8	4/78-12/89						7701203675			
	35 AR 8	4/78-12/89									
	40 AR 8	4/78-85									
ENG. 8144.67.220	**10 AR 6**	3/86-12/89	2499 ccm	55 kW (75 PS)	93 / 4						
	14 AR 6	3/86-12/89									



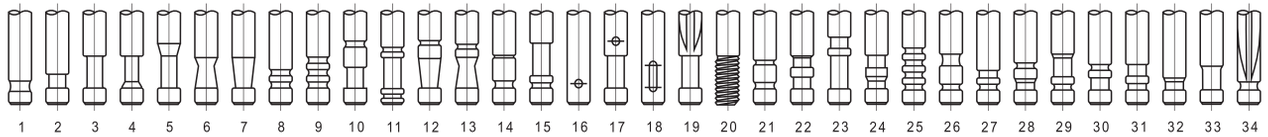
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
ALFA ROMEO DIESEL											
ENG. VM HR488HT/2 Turbo	**Alfetta 2.0 TD**	83 →	1995 ccm	70 kW (95 PS)	88 / 4	IN	PALF011	V94DD6507AA	40,0x8,0x121,0	35	1
	Giulietta 2.0 TD	83 →						60507189			
ENG. VM80A	**75 2.0 TD**	88 →	1995 ccm	70 kW (95 PS)	88 / 4			116760330001			
ENG. VM HR588HT/2 Turbo	**6 2.5 TD**	83 →	2393 ccm	81 kW (110 PS)	88 / 5			20360026			
ENG. VM81A Turbo	**90 TD**	84 →			92 / 4			20360026A			
	Alfetta 2.4 TD	84 →						2036019			
	75 2.4 TD	84 →						04720146			
ENG. VM RT 392 Turbo	**33 TD**	86 →	1779 ccm	55 kW (74 PS)	92 / 3			AEU2296			
	Giardinetta TD	86 →						AEU2296L			
ENG. VM HR 494.4 SHIR Turbo	**164 TD**	87 →	2500 ccm	86 kW (117 PS)	92 / 4	EX	PALF012	V94DD6505AA	34,0x8,0x121,0	45	1
ENG. VM07B, VM0B	**155/164 2.5l**	92 →	2500 ccm	92 kW (125 PS)	92 / 4			60504864			
	Turbo-Diesel							60540864			
ENG. VM492 HT	**75-90 2.4 TD**	83-93	2392 ccm	-	92 / 4			195590330100			
								116760330101			
								2037018			
								04720148			
								LGH10041			
								RTC4116			
						EX	PALF071	20370025	34,0x8,0x121,0	45	1
								20370025A			
ENG. M717AT.24T	**155 2.4 TD**	97 →	2387 ccm	91 kW (124 PS)	82 / 5	IN	PALF013	46527855	37,5x8,0x114,5	45	9
	164 2.4 TD	97 →						7798620			
						EX	PALF014	46527856	31,0x8,0x114,5	45	9
								7783225			



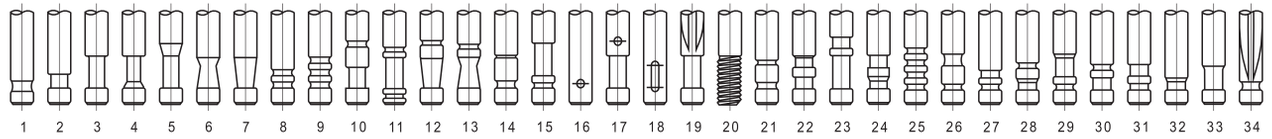
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ALFA ROMEO DIESEL											
ENG. AR 32302	**145 1.9 JTD**	5/98-12/00	1910 ccm	76 kW (103 PS)	82 / 4	IN	PALF015	46750859	35,5x8,0x115,0	45	9
	146 1.9 JTD	5/98-12/00						46478834			
	156 1.9 JTD	10/97-9/00						55193126			
ENG. AR 32501	**156 2.4 JTD**	10/97-9/00	2387 ccm	100 kW (136 PS)	82 / 5			60816038			
	166 2.4 JTD	10/98 →						641083			
ENG. AR 34202, AR 36202	**166 2.4 JTD**	10/98-5/02	2387 ccm	100-103 kW (136-140 PS)	82 / 5	EX	PALF016	46764378	34,5x8,0x115,0	45	9
ENG. AR 37101	**147 1.9 JTD**	11/00-5/01	1910 ccm	77-85 kW (105-115 PS)	82 / 4			46416321			
	156 1.9 JTD	9/00-12/01						46783962			
ENG. 182 B9.000	**147 1.9 JTD**	10/02 →	1910 ccm	74-79 kW (101-107 PS)	82 / 4			55202630			
	156 1.9 JTD	6/03-12/04						60814604			
ENG. 841 C.000	**156 2.4 JTD**	1/02-10/05	2387 ccm	110 kW (150 PS)	82 / 5			60816025			
	166 2.4 JTD	3/02-10/03						641089			
ENG. 937 A2.000	**147 1.9 JTD**	11/00-5/05	1910 ccm	85 kW (115 PS)	82 / 4						
	156 1.9 JTD	1/02-10/05									
ENG. 937 A3.000	**147 1.9 JTDM 16V**	6/05 →	1910 ccm	93 kW (126 PS)	82 / 4						
	156 2.4 JTD	9/00-12/01									
ENG. 839 A6.000	**166 2.4 JTD**	9/00 →	2387 ccm	103 kW (140 PS)	82 / 5						
ENG. 939 A1.000	**159 1.9 JTD**	05 →	1910 ccm	-	82 / 4						
ENG. AR 33601, AR 67501,	**145 1.9 TD**	12/94-5/98	1929 ccm	66-68 kW (90-92 PS)	82,6 / 4	IN	PALF018	5990532	37,4x8,0x116,8	45	1
AR 67502	**146 1.9 TD**	1/96-5/98						7547158			
	155 1.9 TD	4/93-10/97						60808694			
						EX	PALF019	5990533	33,5x8,0x117,0	45	1
								7588577			
								60808695			



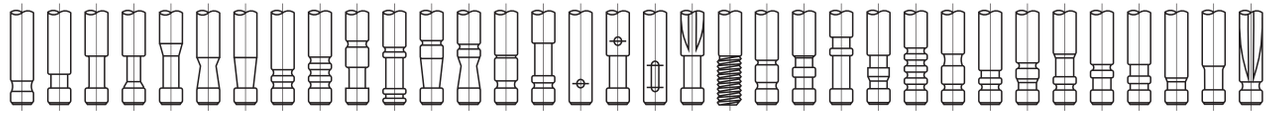
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ALFA ROMEO DIESEL											
ENG. 192 A5.000	**147 1.9 JTD 16V** **156 1.9 JTD 16V** **GT 1.9 JTDM 16V**	11/00 → 10/02-10/05 9/03 →	1910 ccm	103 kW (140 PS)	82 / 4	IN	PALF069	55195535 55190248 55202556	27,9x6,0x114,4	45	9
ENG. 841G.000	**156 2.4 JTDM 20V** **166 2.4 JTDM 20V**	6/03-12/05 6/03 →	2387 ccm	120-129 kW (163-175 PS)	82 / 5			46802049 641073			
ENG. 939 A1.000	**159 1.9 JTDM**	6/05 →	1910 ccm	80 kW (120 PS)	82 / 4			641074			
ENG. 939 A2.000	**159 1.9 JTDM 16V**	9/05 →	1910 ccm	110 kW (150 PS)	82 / 4			641075			
ENG. 937 A5.000	**147 1.9 JTDM 16V** **156 1.9 JTDM 16V** **159 1.9 JTDM 16V** **GT 1.9 JTDM 16V**	6/03 → 10/03 → 9/05 → 10/03 →	1910 ccm	110 kW (150 PS)	82 / 4	EX	PALF070	93178587 93185523 46787902 55190249	25,8x6,0x114,4	45	9
ENG. 939 A3.000	**159 2.4 JTDM 20V** **Brera 2.4 JTDM 20V**	03 → 06 →	2387 ccm		82 / 5			55202557 641385			
ENG. 936 B.000	**166 2.4 JTDM 20V**	03 →	2387 ccm		82 / 5			641386 93178588			
ENG. 199 A3.000	**Mito 1.3 JTDM 16V**	11/09 →	1248 ccm	66-77 kW (90-105 PS)	69,6 / 4	IN	PALF076	46518930 55195680 55219965 641072 641077 93186090 12911-85E00	22,0x6,0x109,3	45	9
						EX	PALF077	46518931 55202685 55208213 641071 641402 93177306 93190438 12915-85E00	22,0x6,0x109,3	45	9
ENG. 4.108	**Giulia 1.8 D**	4/76-6/78	1753 ccm	36-38 kW (49-52 PS)	79,375 / 4	IN	PALF078	31431661 0910064	36,0x8,0x117,0	45	1
						EX	PALF079	31431861 0910061	30,3x8,0x117,0	45	1



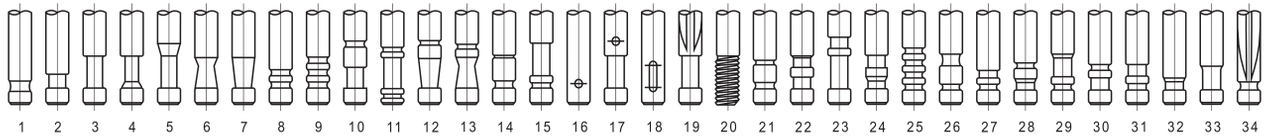
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ALFA ROMEO DIESEL											
ENG. 844 A2.000	**159 Sportwagon (939_) 2.0 JTDM (939BXQ1B)**	05/09 - 11/11	1956 ccm	120 kW (163 PS)	4	IN	PALF082	55206431 55207517	28,0x5,0x114,4	45	9
						EX	PALF083	55205183 55207955	24,4x5,0x114,4	45	9
	BRERA (939_) 2.0 JTDM	03/08 - 06/10									
	SPIDER (939_) 2.0 JTDM	04/09 - 06/10									
ENG. 937 A5.000	**147 (937_) 1.9 JTDM 16V (937.AXN1B, 937.BXN1B)**	09/04 - 03/10	1910 ccm	110 kW (150 PS)	4						
	GT (937_) 1.9 JTD	11/03 - 09/10									
ENG. 937 A8.000	**159 (939_) 1.9 JTDM 16V (939AXF1B, 939AXC1B)**	09/05 - 11/11	1910 ccm	100 kW (136 PS)	4						
	159 Sportwagon (939_) 1.9 JTDM 16V (939BXC1B)	03/06 - 11/11									
ENG. 939 A1.000	**159 (939_) 1.9 JTDM 8V (939AXE1B)**	09/05 - 11/11	1910 ccm	88 kW (120 PS)	4						
	159 Sportwagon (939_) 1.9 JTDM 8V (939BXE1B)	03/06 - 11/11									
ENG. 939 A2.000	**159 (939_) 1.9 JTDM 16V (939AXC1B, 939AXC12)**	09/05 - 11/11	1910 ccm	110 kW (150 PS)	4						
	159 Sportwagon (939_) 1.9 JTDM 16V (939BXC1B, 939BXC12)	03/06 - 11/11									



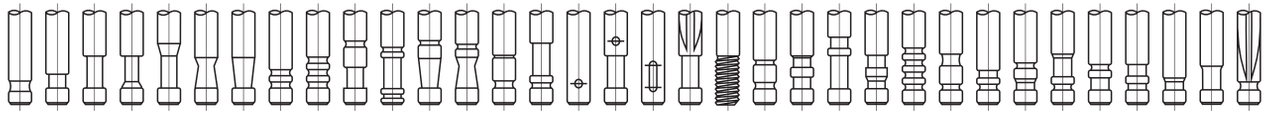
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ALFA ROMEO DIESEL											
ENG. 939 A3.000	**159 (939_) 2.4 JTDM (939AXD12, 939AXD1B)**	09/05 - 11/11	2387 ccm	147 kW (200 PS)	5	IN	PALF082	55206431 55207517	28,0x5,0x114,4	45	9
	159 Sportwagon (939_) 2.4 JTDM (939BXD1B, 939BXD12)	03/06 - 11/11				EX	PALF083	55205183 55207955	24,4x5,0x114,4	45	9
	BRERA (939_) 2.4 JTDM 20V	01/06 - 06/10									
	SPIDER (939_) 2.4 JTDM	04/07 - 06/10									
	SPIDER (939_) 2.4 JTDM	03/08 - 06/10									
ENG. 939 A9.000	**159 (939_) 2.4 JTDM (939AXD)**	07/07 - 11/11	2387 ccm	154 kW (210 PS)	5						
	159 (939_) 2.4 JTDM Q4 (939AXMB2)	05/07 - 11/11									
	159 Sportwa-gon(939_) 2.4 JTDM (939BXM1B)	05/07 - 12/12									
	159 Sportwagon (939_) 2.4 JTDM Q4 (939BXM2B)	05/07 - 11/11									
	BRERA (939_) 2.4 JTDM 20V	05/07 - 06/10									
ENG. 939 B3.000	**159 (939_) 2.0 JTDM (939AXP1B)**	05/09 - 11/11	1956 ccm	125 kW (170 PS)	4						
	159 Sportwagon (939_) 2.0 JTDM (939BXP1B)	07/09 - 11/11									
	BRERA (939_) 2.0 JTDM	05/09 - 06/10									
	SPIDER (939_) 2.0 JTDM	05/09 - 06/10									
ENG. 940 A5.000	**GIULIETTA (940_) 2.0 JTDM (940.FXL1A)**	04/10 →	1956 ccm	103 kW (140 PS)	4						



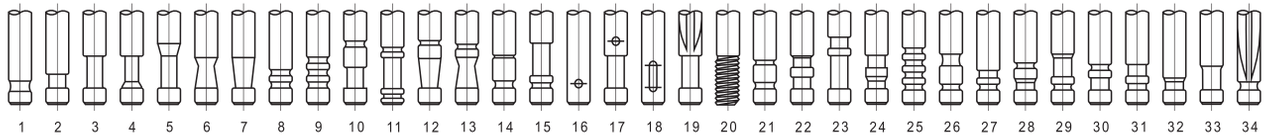
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ANDORIA MOT DIESEL											
	S-320/321/322/323/324				120 / 1,2,3,4	IN EX	PAND001 PAND002	S320.1406.3 S320.1407.3	58,5x12,0x195,0 52,5x12,0x195,0	45 45	6 6
ENG. SW 400	**Bizon Super Z056, Bizon Rekord Z058, SieczkarniaOrkanZ310, SN81-001**		6540 ccm	81-84,6 kW (110-115 PS)	107,2 / 6	IN EX	PAND003 PAND004	PL909 607909 518731 PL910 607910 518732	42,8x8,66x146,0 39,5x8,64x146,0	30 30	1 1
ENG. 6CT107	**Autosan H9 SieczkarniaOrkanZ320, SieczkarniaOrkanZ325, SieczkarniaOrkanZ340, SN81**		6540 ccm	1,5 kW (138 PS)	107,2 / 6	IN EX	PAND005 PAND006	PLA2584 10618846 PLA2585 10618851	45,7x8,66x145,9 42,8x8,64x145,9	30 30	1 1
ENG. 6CT107	**Autosan H9**		6540 ccm	110 kW (150 PS)							
ENG. 6CT107	**Autosan H10-10**		6540 ccm	125 kW (170 PS)							
ENG. 6CT107-2	**SW 400 T**		6540 ccm	152 kW (207 PS)							
ENG. 4C-90	**Lublin**		2417 ccm	51,5 kW (70 PS)	90 / 4	IN	PAND011	1.3.0533	42,7x8,0x126,1	30	1
ENG. 4CT-90	**Lublin**		2417 ccm	66 kW (90 PS)	90 / 4	 EX	 PAND012	1.3.0737.1.1 1.3.0188 1.3.0738.1.1	 35,7x8,0x126,1	 45	 1
ENG. 1CA90						IN EX	PAND013 PAND014	1.3.0503 1.3.0502	39,9x8,0x109,9 31,9x8,0x109,9	45 45	1 1
ENG. S301D						IN EX	PAND015 PAND016	S301.14.08 S301.14.09h	38,0x8,0x134,0 32,0x8,0x134,0	45 45	1 1



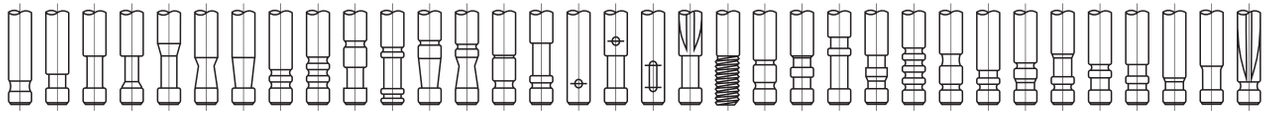
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUDI BENZYNA											
ENG. ADR	**A4 1.8i 20V**	11/94-4/99	1781 ccm	92 kW (125 PS)	81 / 4	IN	PAUD001	058109601C	26,9x6,0x105,1	45	9
	A6 1.8i 20V	10/95-10/97				EX	PAUD002	058109611M	29,9x6,0x103,9	45	9
	Cabriolet 1.8i 20V	4/97-8/00						06B109611D	Odległość zamka - 4,0 [mm]		
ENG. AFY	**A4 1.8i**	7/95-9/01	1781 ccm	85 kW (116 PS)	81 / 4						
	A6 1.8i	5/97-5/00									
ENG. AGA, AJG	**A4 2.4i 30V**	8/97-7/98	2393 ccm	120-121 kW (163-165 PS)	81 / 6						
	A6 2.4i 30V	4/97-1/99									
ENG. AGN	**A3 1.8i 20V**	9/96-7/98	1781 ccm	92 kW (125 PS)	81 / 4						
ENG. ALF, APZ	**A4 2.4i 30V**	8/97-6/00	2393 ccm	120-121 kW (163-165 PS)	81 / 6						
	A6 2.4i 30V	4/97-9/01									
ENG. APG	**A3 1.8i 20V**	11/99-6/03	1781 ccm	92 kW (125 PS)	81 / 4						
ENG. APT, ARG	**A4 1.8i 20V**	7/98-9/01	1781 ccm	92 kW (125 PS)	81 / 4						
ENG. AJP	**A6 1.8i**	12/97-7/99	1871 ccm	92 kW (125 PS)	81 / 4						
ENG. ALW	**A6 2.4i 24V**	8/97-1/99	2393 ccm	100 kW (134 PS)	81 / 6						
ENG. ALM, ARJ	**A4 2.4i 30V**	8/98-9/01	2393 ccm	121 kW (165 PS)	81 / 6						
	A6 2.4i 30V	11/98-5/01									
ENG. APC	**A6 2.4i 30V**	4/98-5/01	2393 ccm	115 kW (156 PS)	81 / 6						
ENG. AQE, ARH	**A6 1.8i 20V**	1/99-4/01	1781 ccm	92 kW (125 PS)	81 / 4						
ENG. ARN, ASM	**A6 2.4i 24V/30V**	2/99-1/05	2393 ccm	100 kW (136 PS)	81 / 6						
ENG. AVV	**A4 1.8i 20V**	6/00-9/07	1781 ccm	92 kW (125 PS)	81 / 4						
ENG. BDV, APS	**A4 2.4i 30V**	8/98-12/05	2393 ccm	121-125 kW (165-170 PS)	81 / 6						
	A6 2.4i 30V	11/98-1/05									
ENG. APX	**TT 1.8i Turbo 20V**	10/98-8/01	1781 ccm	165 kW (224 PS)	81 / 6						
ENG. APP	**A3 1.8i Turbo 20V**	7/99-6/05	1781 ccm	132 kW (180 PS)	81 / 4						
	TT 1.8i Turbo 20V	9/99-10/01									



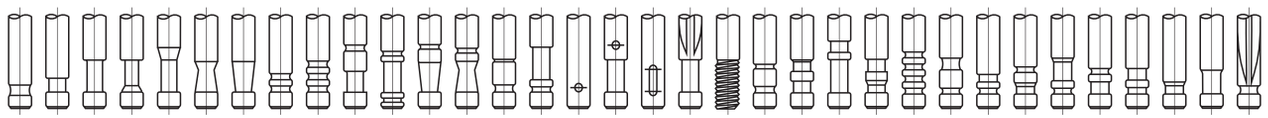
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUDI BENZYNA											
ENG. AMM	**A4 2.4i 30V**	6/00-12/05	2393 ccm	120 kW (163 PS)	81 / 4	IN	PAUD001	058109601C	26,9x6,0x105,1	45	9
	A6 2.4i 30V	6/00-1/05				EX	PAUD002	058109611M	29,9x6,0x103,9	45	9
ENG. ACK, ALG, AMX, APR, AQD	**A4 2.8i 30V**	3/96-9/01	2771 ccm	142 kW (193 PS)	82,5 / 6			06B109611D	Odległość zamka - 4,0 [mm]		
	A6 2.8i 30V	10/95-9/01									
	A8 2.8i 30V	7/95-9/02									
ENG. AGE	**A6 2.8i 30V**	10/97-5/01	2771 ccm	132 kW (180 PS)	82,5 / 6						
ENG. ALT	**A4 2.0i 20V**	12/00-6/08	1984 ccm	96 kW (131 PS)	82,5 / 4						
	A6 2.0i 20V	6/01-1/05									
ENG. ATX	**A4 2.8i 30V**	3/99-9/01	2771 ccm	140 kW (190 PS)	82,5 / 6						
	A6 2.8i 30V	7/99-5/01									
ENG. BBG	**A6 2.8i 30V**	6/02 →	2771 ccm	140 kW (190 PS)	82,5 / 6						
ENG. ASN, BBJ	**A4 3.0i 30V**	12/00-12/05	2976 ccm	160-162 kW (218-220 PS)	82,5 / 6						
	A6 3.0i 30V	6/01-5/06									
	A8 3.0i 30V	7/03-5/06									
ENG. AVK	**A4 3.0i 30V**	9/01-6/02	2976 ccm	162 kW (220 PS)	82,5 / 6						
ENG. AEB, ANB, APU, AWT, ARK	**A4 1.8i Turbo 20V**	2/95-9/01	1781 ccm	110 kW (150 PS)	81 / 4	IN	PAUD001	058109601C	26,9x6,0x105,1	45	9
	A6 1.8i Turbo 20V	4/97-5/01				EX	PAUD071	058109611E	29,9x6,0x103,9	45	9
ENG. AGU, AQA, ARZ	**A3 1.8i Turbo 20V**	12/96-4/01	1781 ccm	110 kW (150 PS)	81 / 4				Odległość zamka - 5,9 [mm]		
ENG. AJL	**A4 1.8i Turbo 20V**	8/97-9/01	1781 ccm	132 kW (180 PS)	81 / 4						
	A6 1.8i Turbo 20V	11/97-10/00									
ENG. AJQ	**A3 1.8i Turbo 20V**	11/98-8/00	1781 ccm	132 kW (180 PS)	81 / 4						
	TT 1.8i Turbo 20V	10/98-8/00									
ENG. APY	**S3 1.8i Turbo 20V**	11/98-8/00	1781 ccm	154 kW (209 PS)	81 / 4						
ENG. AGB	**S4 2.7i Turbo 30V**	10/97-9/01	2671 ccm	195 kW (265 PS)	81 / 6						
ENG. AJK	**A6 2.7i Turbo 30V**	2/99-8/00	2671 ccm	169 kW (230 PS)	81 / 6						
ENG. AMB	**A4 1.8i Turbo 20V**	7/01-12/04	1781 ccm	125 kW (170 PS)	81 / 4						



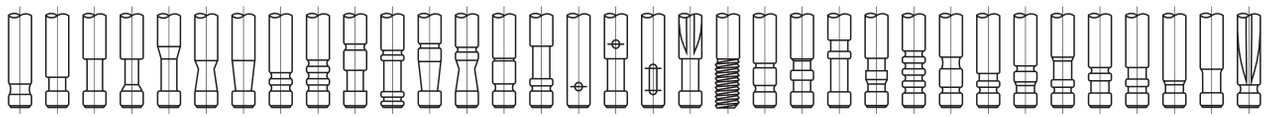
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUDI BENZYNA											
ENG. ARE, BES	**A6 2.7i Turbo 30V**	5/00-8/05	2671 ccm	184 kW (250 PS)	81 / 6	IN	PAUD001	058109601C	26,9x6,0x105,1	45	9
	A6 Allroad 6 2.7i Turbo 30V	5/00-8/05				EX	PAUD071	058109611E	29,9x6,0x103,9	45	9
									Odległość zamka - 5,9 [mm]		
ENG. AVJ	**A4 1.8i Turbo 20V**	12/00-6/02	1781 ccm	110 kW (150 PS)	81 / 4						
ENG. BEX	**A4 1.8i Turbo 20V**	11/02-12/04	1781 ccm	140 kW (190 PS)	81 / 4						
ENG. BFB	**A4 1.8i Turbo 20V**	7/02 →	1781 ccm	120 kW (163 PS)	81 / 4						
ENG. AUL, AMK	**S3 1.8i Turbo 20V**	9/99-4/02	1781 ccm	154 kW (209 PS)	81 / 4						
ENG. ARX	**A3 1.8i Turbo 20V**	9/00-6/03	1781 ccm	110 kW (150 PS)	81 / 4						
ENG. ARY, AQU, AUM	**A3 1.8i Turbo 20V**	5/00 →	1781 ccm	110-132 kW (150-180 PS)	81 / 4						
	TT 1.8i Turbo 20V	9/00-6/06									
ENG. BAM	**S3 1.8i Turbo 20V**	8/01-6/03	1781 ccm	165 kW (225 PS)	81 / 6						
	TT 1.8i Turbo 20V	9/00-6/06									
ENG. HB, HC, HD	**50 1.1**	8/74-7/78	1093 ccm	37-44 kW (50-60 PS)	69,5 / 4	IN	PAUD003	036109601	34,0x8,0x104,0	45	1
ENG. FY, HH	**Fox 1.3**	9/78-81	1272 ccm	40-44 kW (54-60 PS)	75 / 4	EX	PAUD004	052109611	28,0x8,0x104,0	45	1
	50 1.3	8/77-7/78									
	80 1.3	8/78-7/81									
	4000 1.3	8/78-81									
ENG. FZ	**80 1.3**	8/78-7/81	1272 ccm	44 kW (60 PS)	75 / 4						
ENG. ADP, AHL, ANA, ARM	**A4 1.6i**	11/94-9/01	1595 ccm	74 kW (101 PS)	81 / 4	N	PAUD015	078109601A	39,5x7,0x91,9	45	9
ENG. AEH, AKL, APF	**A3 1.6i**	9/96-6/03	1595 ccm	74 kW (101 PS)	81 / 4			078109601B			
ENG. AFM	**A4 2.4i 30V**	7/95-7/97	2393 ccm	110 kW (150 PS)	81 / 6			078109601E			
	A6 2.4i 30V	7/95-10/97	2393 ccm	110 kW (150 PS)				078109601F			
ENG. AAH	**A4 2.8i**	11/94-7/97	2771 ccm	128 kW (174 PS)	82,5 / 6			06A109601E			
	A6 2.8i 24V	6/94-10/97						037109601			
	A8 2.8i	6/94-3/96				EX	PAUD016	048109611B	32,9x7,0x91,2	45	9
	Cabriolet 2.8i	11/92-8/00						078109611C			
	Coupe 2.8i	8/91-12/95						037109611B			
	80/100 2.8i	12/90-7/95									



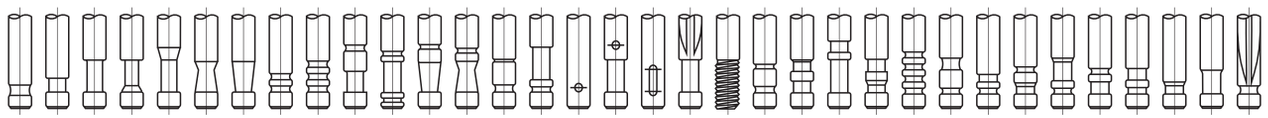
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUDI BENZYNA											
ENG. ABC	**A4 2.6i**	11/94-7/98	2598 ccm	110 kW (150 PS)	82,5 / 6	IN	PAUD015	078109601A	39,5x7,0x91,9	45	9
	A6 2.6i	6/94-10/97						078109601B			
	Cabriolet 2.6i	1/94-8/00						078109601E			
	Coupe 2.6i	8/92-12/95						078109601F			
	80/100 2.6i	3/92-7/95						06A109601E			
ENG. AEJ	**A6 2.8i**	6/94-10/97	2771 ccm	120 kW (163 PS)	82,5 / 6			037109601			
	A8 2.8i	7/95-3/96				EX	PAUD016	048109611B	32,9x7,0x91,2	45	9
								078109611C			
								037109611B			
ENG. ADA	**80 1.6i**	6/93-7/95	1595 ccm	74 kW (100 PS)	81 / 4	IN	PAUD015	078109601A	39,5x7,0x91,9	45	9
ENG. AAE	**A6 2.0i**	6/94-6/96	1984 ccm	74 kW (100 PS)	82,5 / 4			078109601B			
	100 2.0i	12/90-7/94						078109601E			
ENG. ABK	**A6 2.0i**	6/94-6/96	1984 ccm	85 kW (115 PS)	82,5 / 4			078109601F			
	Cabriolet 2.0i	1/93-9/98						06A109601E			
	Coupe 2.0i	8/91-12/95						037109601			
	80/100 2.0i	9/91-7/95				IN	PAUD023	048109601A	39,5x8,0x91,9	45	9
ENG. ABT	**80 2.0i**	9/91-6/95	1984 ccm	66 kW (90 PS)	82,5 / 4	EX	PAUD016	048109611B	32,9x7,0x91,2	45	9
ENG. ACZ	**A4 2.6i**	4/95-7/97	2598 ccm	102 kW (139 PS)				078109611C			
	A6 2.6i	6/94-10/97						037109611B			
	Cabriolet 2.6i	9/94-12/99				EX	PAUD024	048109611A	33,2x8,0x91,2	45	9
	80/100 2.6i	1/93-7/95						053109611			
ENG. ADW	**A6 2.0i**	6/94-10/97	1984 ccm	79 kW (107 PS)	82,5 / 4						
	80/100 2.0i	11/93-7/95									
ENG. AFC	**A6 2.8i**	8/94-6/95	2771 ccm	128 kW (174 PS)	82,5 / 6						



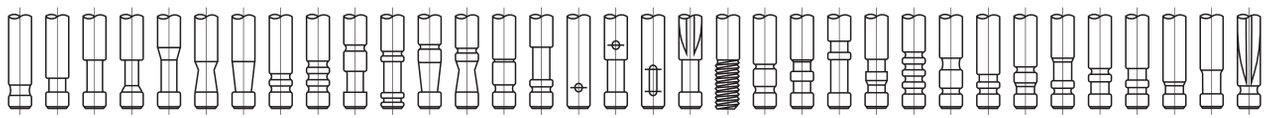
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUDI BENZYNA											
ENG. KE	**Coupe 2.2i**	8/81-7/84	2144 ccm	96 kW (131 PS)	79,5 / 5	IN	PAUD019	035109601C	38,0x8,0x98,7	45	9
ENG. KJ, WS, WJ	**200 2.2i Turbo 20V**	10/79-9/82	2144 ccm	125 kW (170 PS)	79,5 / 5			035109601D			
ENG. WC	**100 2.2i**	8/76-7/84	2144 ccm	100 kW (136 PS)	79,5 / 5			035109601F			
	200 2.2i	10/79-7/84						035109603			
ENG. WH	**100 1.9i**	8/80-7/84	1921 ccm	74 kW (100 PS)	79,5 / 5	EX	PAUD020	035109611F	33,2x8,0x98,5	45	9
ENG. WK	**200 2.2i**	10/79-9/82	2144 ccm	100 kW (136 PS)	79,5 / 5			035109611H			
ENG. WN	**Coupe 1.9i**	10/80-7/83	1921 ccm	85 kW (116 PS)	79,5 / 5						
	80 1.9i	8/80-7/83									
ENG. WB	**100 2.2**	4/78-7/84	2144 ccm	85 kW (115 PS)	79,5 / 5						
ENG. KF	**100 2.2i**	8/82-7/84	2144 ccm	96 kW (131 PS)	79,5 / 5						
ENG. KG	**200 2.2i Turbo 20V**	8/83-12/87	2144 ccm	134 kW (182 PS)	79,5 / 5						
ENG. KK	**80 2.2i**	8/82-7/84	2144 ccm	100 kW (136 PS)	79,5 / 5						
ENG. KL	**Coupe 2.2i**	8/82-7/84	2144 ccm	96 kW (130 PS)	79,5 / 5						
	80 2.2i	8/82-7/84									
ENG. DD	**Coupe 1.8**	8/81-7/82	1781 ccm	55 kW (75 PS)	81 / 4						
ENG. DR	**100 1.8**	5/82-10/86	1781 ccm	55 kW (75 PS)	81 / 4						



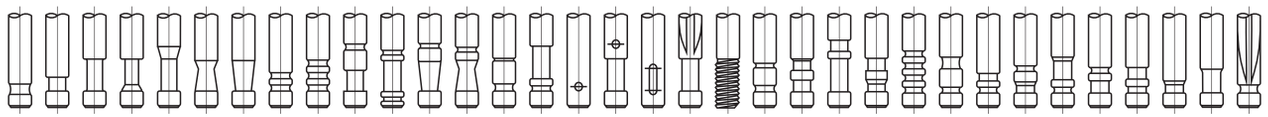
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUDI BENZYNA											
ENG. DS, NE	**Coupe 1.8**	8/82-7/88	1781 ccm	66 kW (90 PS)	81 / 4	IN	PAUD025	035109601H	38,0x8,0x91,0	45	9
	80 1.8	1/83-12/91						035109601G			
	100 1.8	5/83-7/89				IN	PAUD033	035109601J	38,0x8,0x91,9	45	9
ENG. JV	**Coupe 1.8**	1/85-7/87	1781 ccm	66 kW (90 PS)	81 / 4			035109601K			
	80 1.8	3/83-7/88				IN	PAUD019	035109601C	38,0x8,0x98,7	45	9
ENG. HP, JS, KP	**Coupe 2.0i**	8/83-7/86	1994 ccm	85 kW (115 PS)	81 / 5			035109601D			
	80 2.0i	8/82-7/84						035109601F			
	90/100 2.0i	8/84-12/87						035109603			
ENG. HX	**100 2.2i**	8/84-12/87	2226 ccm	101 kW (137 PS)	81 / 5	IN	PAUD053		38,0x8,0x91,35	45	9
ENG. JW	**100 1.8**	5/91-9/91	1781 ccm	66 kW (90 PS)	81 / 4	IN	PAUD054	026109601C	40,0x8,0x90,9	45	9
ENG. KU	**100 2.2i**	8/84-12/90	2226 ccm	101 kW (137 PS)	81 / 5			026109601F			
	200 2.2i	8/84-7/85						026109601A			
ENG. KV	**Coupe 2.2i**	8/84-7/91	2226 ccm	98 kW (133 PS)	81 / 5	EX	PAUD024	053109611	33,2x8,0x91,2	45	9
	90 2.2i	6/84-12/91						048109611A			
ENG. MC	**100 2.2i Turbo**	3/86-12/90	2226 ccm	121 kW (165 PS)	81 / 5	EX	PAUD026	026109611A	33,2x8,0x90,8	45	9
	200 2.2i Turbo	1/85-11/90				EX	PAUD020	035109611F	33,2x8,0x98,5	45	9
	5000 2.2i Turbo	1/85-5/88						035109611H			
ENG. DZ	**Coupe 1.8i**	8/86-7/91	1781 ccm	82 kW (112 PS)	81 / 4						
	80 1.8i	1/83-12/91									
	90 1.8i	8/89-12/91									
ENG. DT, JU, RN	**80 1.6**	8/83-12/91	1595 ccm	55 kW (75 PS)	81 / 4						
ENG. JN	**Coupe 1.8**	1/85-7/88	1781 ccm	66 kW (90 PS)	81 / 4						
	80 1.8	8/83-12/91									
	90 1.8	6/94-3/87									
	4000 1.8	9/83-3/85									



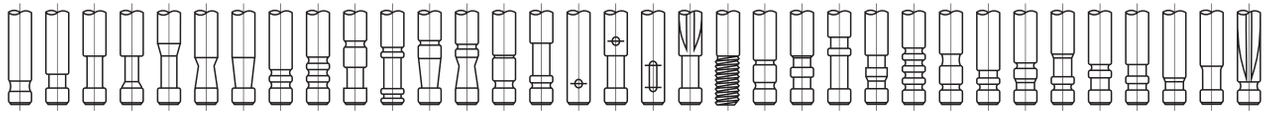
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUDI BENZYNA											
ENG. NP, PH, SH	**100 1.8/1.8i**	10/84-12/90	1781 ccm	65-66 kW (88-90 PS)	81 / 4	IN	PAUD025	035109601H 035109601G	38,0x8,0x91,0	45	9
						IN	PAUD033	035109601J 035109601K	38,0x8,0x91,9	45	9
						EX	PAUD024	053109611 048109611A	33,2x8,0x91,2	45	9
						EX	PAUD026	026109611A	33,2x8,0x90,8	45	9
						EX	PAUD020	035109611F 035109611H	33,2x8,0x98,5	45	9
ENG. MU	**80 1.8i**	6/84-3/87	1781 ccm	82 kW (112 PS)	81 / 4	IN	PAUD023	048109601A	39,5x8,0x91,9	45	9
ENG. ABB	**80/100 1.6i**	8/90-7/93	1595 ccm	75 kW (102 PS)	81 / 4	EX	PAUD024	048109611A	33,2x8,0x91,2	45	9
ENG. 3A	**Coupe 2.0i** **80 2.0i**	5/89-7/90 8/88-10/90	1984 ccm	83 kW (113 PS)	82,5 / 4			053109611			
ENG. PR	**100 2.3i**	8/89-12/90	2309 ccm	96 kW (129 PS)	82,5 / 5						
ENG. AAD	**Coupe 2.0i** **80/100 2.0i**	8/90-7/91 8/90-12/92	1984 ccm	85 kW (115 PS)	82,5 / 4						
ENG. AAR	**A6 2.3i** **100 2.3i**	6/94-6/96 12/90-7/94	2309 ccm	98 kW (133 PS)	82,5 / 5						
ENG. HY	**Coupe 2.2i** **90 2.2i**	8/84-7/88 6/84-3/87	2226 ccm	100 kW (136 PS)	81 / 5	IN	PAUD025	035109601H 035109601G	38,0x8,0x91,0	45	9
ENG. SA	**80 1.6**	2/86-3/87	1595 ccm	55 kW (75 PS)	81 / 4	IN	PAUD054	026109601C	40,0x8,0x90,9	45	9
ENG. SL	**100 2.0i**	2/86-12/87	1994 ccm	83 kW (113 PS)	81 / 5			026109601F			
ENG. PS	**90 2.0i**	4/87-12/91	1994 ccm	85 kW (115 PS)	81 / 5			026109601A			
ENG. SD	**80 1.9i**	9/86-7/88	1857 ccm	83 kW (113 PS)	82,5 / 4	EX	PAUD024	053109611 048109611A	33,2x8,0x91,2	45	9
						EX	PAUD026	026109611A	33,2x8,0x90,8	45	9



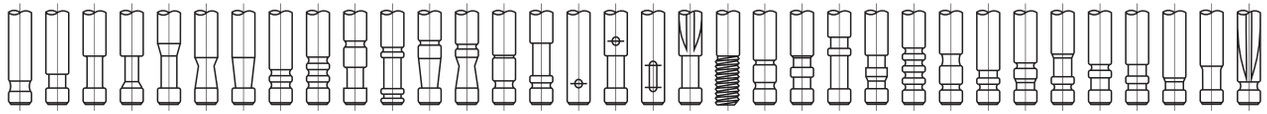
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUDI BENZYNA											
ENG. PV	**Coupe 1.8i**	8/86-7/88	1781 ccm	81 kW (110 PS)	81 / 4	IN	PAUD054	026109601C	40,0x8,0x90,9	45	9
	80 1.8i	3/85-3/87						026109601F			
ENG. RT	**100 2.0i**	1/88-12/90	1994 ccm	85 kW (115 PS)	81 / 5			026109601A			
ENG. NF	**100 2.3i**	8/86-12/90	2309 ccm	100 kW (136 PS)	82,5 / 5	IN	PAUD055		40,0x8,0x91,35	45	9
	5000 2.3i	8/86-5/88				EX	PAUD024	053109611	33,2x8,0x91,2	45	9
ENG. NG	**Cabriolet 2.3i**	6/91-7/94	2309 ccm	100 kW (136 PS)	82,5 / 5			048109611A			
	Coupe 2.3i	8/86-7/94									
	80 2.3i	9/91-11/94									
	4000 2.3	1/87-9/87									
ENG. AUA, BBY	**A2 1.4i 16V**	6/00-8/05	1390 ccm	55 kW (75 PS)	76,5 / 4	IN	PAUD027	036109601S	29,5x6,0x100,9	45	9
ENG. BAD	**A2 1.6 FSI 16V**	5/02-8/05	1598 ccm	81 kW (110 PS)	76,5 / 4			036109601AD			
ENG. BAG, BLP, BLF	**A3 1.6 FSI 16V**	8/03-9/07	1598 ccm	85 kW (116 PS)	76,5 / 4			036109601AK			
ENG. CAXA	**A2 1.4 TFSI**	5/10 →	1390 ccm	90 kW (122 PS)	76,5 / 4	EX	PAUD028	036109611K	26,0x6,0x100,5	45	9
ENG. CAXC, CMSA	**A3 1.4 TFSI 16V**	9/07 →	1390 ccm	92 kW (125 PS)	76,5 / 4			036109611AE			
ENG. ACE	**A6 2.0i 16V**	6/94-10/97	1984 ccm	103 kW (140 PS)	82,5 / 4	IN	PAUD031	051109601B	32,0x7,0x95,5	45	9
	Cabriolet 2.0i 16V	5/95-7/96				EX	PAUD032	051109611B	27,0x7,0x98,0	45	9
	Coupe 2.0i 16V	8/92-12/95						034109611F			
	80 2.0i 16V	8/92-7/95									
	100 2.0i 16V	1/92-7/94									
ENG. ABZ	**A8 4.2i 32V**	06/94-05/99	4172 ccm	220 kW (300 PS)	82,5 / 4						



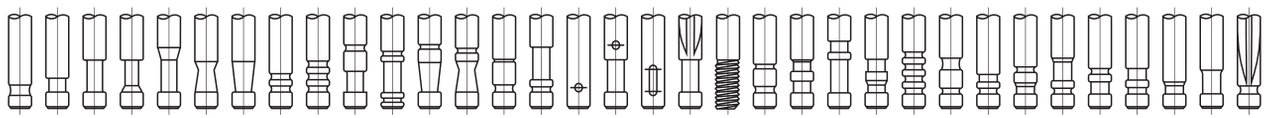
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUDI BENZYNA											
ENG. JL	**Coupe 2.0i**	8/83-7/88	1994 ccm	77-81 kW (105-110 PS)	81 / 5	IN	PAUD033	035109601J	38,0x8,0x91,9	45	9
	80 2.0i	8/83-7/84						035109601K			
	90 2.0i	10/84-3/87				EX	PAUD024	053109611	33,2x8,0x91,2	45	9
ENG. PX	**100 2.2i**	8/85-12/90	2226 ccm	88 kW (120 PS)	81 / 5			048109611A			
ENG. 1B, 2B	**200 2.2i Turbo**	2/88-11/90	2226 ccm	140-147 kW (190-200 PS)	81 / 5						
ENG. 4B, PM	**80/100 1.8i**	1/88-12/91	1781 ccm	66 kW (90 PS)	81 / 4						
ENG. JT, KX	**Coupe 2.2i**	1/85-7/88	2226 ccm	88-89 kW (120-121 PS)	81 / 5						
	90 2.2i	1/85-3/87									
	4000 2.2i	11/83-7/87									
ENG. KZ	**100/5000 2.2i**	8/84-9/86	2226 ccm	85 kW (115 PS)	81 / 5						
ENG. SK	**Coupe 2.0i**	2/86-7/86	1994 ccm	85 kW (115 PS)							
	90 2.0i	2/86-3/87									
ENG. MB	**Quattro 2.2i Turbo 25V**	8/87-7/88	2226 ccm	147 kW (200 PS)	81 / 5						
ENG. SF	**Coupe 1.8/1.8i**	2/86-7/88	1781 ccm	64 kW (87 PS)	81 / 4						
	80 1.8	2/86-7/90									
ENG. PP	**80 1.6**	3/87-12/91	1595 ccm	51 kW (70 PS)	81 / 4						
ENG. RS	**100 1.8**	10/86-12/87	1781 ccm	55 kW (75 PS)	81 / 4						
ENG. RU	**80 1.8**	10/86-1/90	1781 ccm	55 kW (75PS)	81 / 4						
ENG. ABM	**80 1.6i**	1/92-6/94	1595 ccm	52 kW (71 PS)	81 / 4						



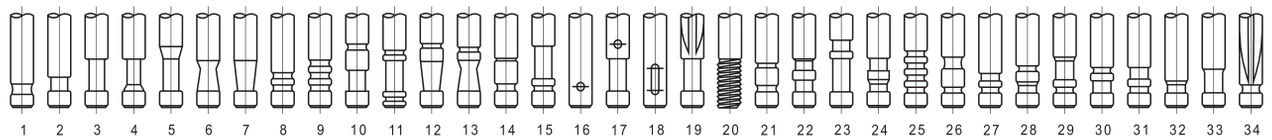
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
AUDI BENZYNA											
ENG. AAN	**S4 2.2i Turbo 25V**	8/91-7/94	2226 ccm	169 kW (230 PS)	81 / 5	IN	PAUD034	027109601C	32,0x7,0x95,5	45	1
	S6 2.2i Turbo 25V	6/94-7/97				EX	PAUD035	027109611A	28,0x7,0x98,2	45	1
ENG. NM	**Coupe 2.0i 20V**	11/88-7/91	1994 ccm	118 kW (160 PS)	81 / 5			027109611B			
	90 2.0i 20V	1/88-12/91						027109611C			
ENG. 3B	**S2 2.2i Turbo 20V**	9/90-9/92	2226 ccm	162 kW (220 PS)	81 / 5			027109611D			
	200 2.2i Turbo 20V	3/89-11/90									
ENG. PT	**V8 3.6i 32V**	10/98-11/93	3562 ccm	184 kW (250 PS)	81 / 8						
ENG. RR	**Quattro 2.2i Turbo 20V**	8/89-7/91	2226 ccm	162 kW (220 PS)	81 / 5						
ENG. ABY	**S2 2.2i Turbo 20V**	10/92-5/95	2226 ccm	169 kW (230 PS)	81 / 5						
	Coupe 2.2i Turbo 20V	5/95-12/95									
	80 2.2i Turbo 20V	2/93-7/95									
ENG. 6A	**Coupe 2.0i**	1/92-7/92	1984 ccm	101 kW (137 PS)	82,5 / 4						
	80 2.0i 16V	3/90-7/92									
ENG. 7A	**Coupe 2.3i 20V**	11/88-7/91	2309 ccm	125 kW (170 PS)	82,5 / 5						
	80 2.3i 20V (USA)	1/89-9/91									
	90 2.3i 20V	6/88-12/91									
ENG. ABH	**S4 4.2i 32V**	10/92-7/94	4172 ccm	206 kW (280 PS)	84,5 / 8						
	V8 4.2i 32V	8/91-11/932									
ENG. ZA, ZF, EP	**80 1.3**	5/72-3/87	1297 ccm	40-44 kW (55-60 PS)	75 / 4	IN	PAUD039	049109601F	34,0x8,0x98,5	45	9
ENG. YJ, ZB, ZC	**80 1.5**	5/72-7/76	1471 ccm	55-63 kW (75-85 PS)	76,5 / 4			049109601K			
ENG. YP, WV	**80 1.6**	9/75-7/83	1588 ccm	55-63 kW (75-85 PS)	79,5 / 4	EX	PAUD040	049109611F	31,0x8,0x98,5	45	9
ENG. WT	**80 1.7**	8/80-7/83	1716 ccm	58 kW (78 PS)	79,5 / 4						
ENG. YV	**100 1.6i**	8/76-7/82	1588 ccm	63 kW (85 PS)	79,5 / 4						
ENG. YZ, YS	**80 1.6i**	9/75-7/82	1588 ccm	81 kW (110 PS)	79,5 / 4	IN	PAUD041	049109601A	38,0x8,0x105,5	45	1
						EX	PAUD042	049109611A	31,0x8,0x105,5	45	1



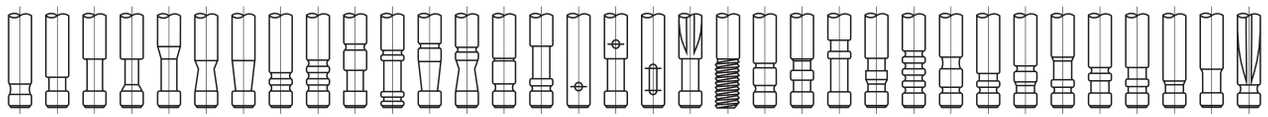
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUDI BENZYNA											
	80 L	72-81	1296 ccm		75 / 4	IN	PAUD043	056109601A	34,0x8,0x98,7	45	1
	80 GL	72-81	1470 ccm		75 / 4			056109601C			
	80 GT	72-81	1588 ccm		75 / 4	EX	PAUD044	049109611G	31,2x8,0x98,5	45	1
	100 GL/L	72-81									
	80 LS/L	72-81	1470 ccm		76,5 / 4						
	80 LS/GLS/S	72-81									
	100 GL/L	72-81	1588 ccm	55-63 (75-85 PS)	76,5 / 4						
ENG. YP	**80 1.6**	9/75-12/82	1588 ccm	63 kW (85 PS)	79,5 / 4	IN	PAUD043	056109601A	34,0x8,0x98,7	45	1
	80 L	72-75	1296 ccm	40 kW (55 PS)	75 / 4			056109601C			
	80 S/LS/GL	72-75	1470 ccm	55 kW (75 PS)	76,5 / 4	EX	PAUD045	056109611A	31,2x8,0x98,5	45	1
	80 GT	73-75	1588 ccm	63 kW (85 PS)	79,5 / 4						
	100 L/GL	77 →									
ENG. DZ, PV, MU	**80 1.8 GTE**	1/83 →	1781 ccm	79-82 kW (107-112 PS)	81 / 4	IN	PAUD048	026109601	40,0x8,0x98,7	45	9
	80 1.8 GTE Quattro	6/84 →				EX	PAUD020	035109611F	33,2x8,0x98,5	45	9
	Coupe 1.8 GT	8/86-10/87						035109611H			
ENG. WB	**100 2.1**	10/77-7/82	2144 ccm	85 kW (115 PS)	/ 5	IN	PAUD049	035109601	38,0x8,0x98,7	45	1
	100 Avant 2.1	7/77-2/83				EX	PAUD045	056109611A	31,0x8,0x98,7	45	1
	100 5S/L5S/GL5S	78 →	2144 ccm		/ 4						
	Audi 100	77-81	1984 ccm		/ 5	IN	PAUD049	035109601	38,0x8,0x98,7	45	1
	Audi 100 5E	77-81	2144 ccm		/ 5	EX	PAUD050	035109611	33,2x8,0x98,5	45	1
	Audi 200 5E	77-81			/ 5			035109611G			
E NG. 831 (WA)	**Audi 100 S/LS/GLS**	76-78	1984 ccm	77-85 kW (105-115 PS)	86,5 / 4	IN	PAUD051	046109601B	40,0x9,0x137,0	45	1
						EX	PAUD052	046109611A	33,0x9,0x137,0	45	1



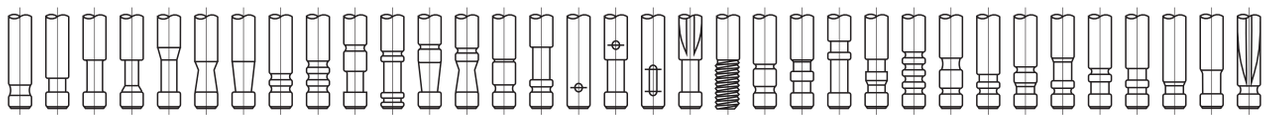
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUDI BENZYNA											
ENG. CCSA	**A3 1.6 SRE**	7/08 →	1598 ccm	75 kW (102 PS)	76,5 / 4	IN	PAUD056	06B109601B	39,5x6,0x93,9	45	9
ENG. ALZ	**A4 1.6i**	6/00-6/08	1595 ccm	75 kW (102 PS)	81 / 4			06B109601D			
ENG. AVU	**A3 1.6i**	5/00-4/02	1595 ccm	75 kW (102 PS)	81 / 4			06B109601H			
ENG. BFQ, BGU	**A3 1.6i**	5/02-5/05	1595 ccm	75 kW (102 PS)	81 / 4	EX	PAUD057	06B109611B	33,0x6,0x93,9	45	9
ENG. BSE, BSF	**A3 1.6i**	6/05 →	1595 ccm	75 kW (102 PS)	81 / 4			06B109611C			
ENG. CMXA	**A3 1.6 SRE**	5/10 →	1595 ccm	75 kW (102 PS)	81 / 4						
ENG. AWA	**A4 2.0 FSI 16V**	7/02-12/04	1984 ccm	110 kW (150 PS)	82,5 / 4	IN	PAUD058	06D109601K	33,8x6,0x104,0	45	9
ENG. BMB, AXW, BLR, BLX, BLY, BVY, BVZ	**A3 2.0 FSI 16V**	5/03-6/08	1984 ccm	110 kW (150 PS)	82,5 / 4			06E109601E 06E109601F			
ENG. AUK, BKH	**A4 3.2 FSI 24V**	1/05-3/09	3123 ccm	188 kW (256 PS)	84,5 / 6	EX	PAUD059	06D109611K	28,0x6,0x101,9	45	9
	A6 3.2 FSI 24V	4/04-5/09						06D109611L			
	A6 Allroad 3.2 FSI 24V	4/04-10/08									
ENG. CALA	**A4 3.2 FSI 24V**	11/07 →	3123 ccm	195 kW (265 PS)	84,5 / 6						
	A5 3.2 FSI 24V	6/07 →									
	A6 3.2 FSI 24V	5/09 →									
ENG. HB, HC	**50 1.1**	8/74-7/78	1093 ccm	37-44 kW (50-60 PS)	69,5 / 4	IN	PAUD069	052109601	31,5x8,0x104,0	45	1
						EX	PAUD004	052109611	28,0x8,0x104,0	45	1
ENG. BAH	**A3 1.6i**	7/05 →	1598 ccm	74 kW (101 PS)	76,5 / 4	IN	PAUD072	032109601L 032109601M	34,4x6,0x99,1	45	9
						EX	PAUD073	030109611T 03D109611A 032109611L 032109611M	28,0x6,0x99,2	45	9
ENG. CBZA	**A1 1.2 TFSI**	5/10 →	1198 ccm	63 kW (85 PS)	71 / 4	IN	PAUD074	03F109601A	35,5x6,0x98,7	45	9
ENG. CBZB	**A3 1.2 TFSI 16V**	4/10-7/12	1198 ccm	77 kW (105 PS)	71 / 4	EX	PAUD075	03F109611B 03F109611C	30,0x6,0x98,4	45	9



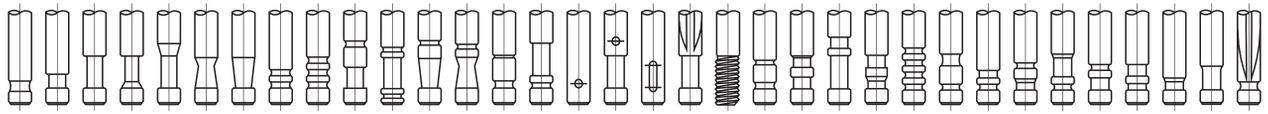
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUDI DIESEL											
ENG. CN	**100 2.0 D**	10/78-7/89	1986 ccm	51 kW (70 PS)	76,5 / 5	IN	PAUD009	069109601	36,0x8,0x104,9	45	1
	5000 2.0 D	10/78-2/82						1257053			
						IN	PAUD012	069109601C	36,0x8,0x104,9	45	9
								069109601D			
								1328088-8			
								1328147			
								1389261-7			
						IN	PAUD005	069109601F	36,0x8,0x95,1	45	9
						EX	PAUD008	068109611	31,2x8,0x104,6	45	1
								1257054			
						EX	PAUD011	068109611C	31,2x8,0x104,6	45	9
								068109611D			
								072109611			
								1328089-6			
								1328148			
								1389262-5			
								9135927			
						EX	PAUD006	068109611L	31,2x8,0x95,0	45	9
								068109611M			
ENG. 1Y	**80 1.9 D**	8/89-12/91	1896 ccm	47 kW (64 PS)	79,5 / 4	IN	PAUD005	069109601F	36,0x8,0x95,5	45	9
ENG. 3D, AAS	**100 2.4 D**	8/89-7/94	2370 ccm	60 kW (82 PS)	79,5 / 4	EX	PAUD038	074109611	31,1x8,0x95,5	45	9



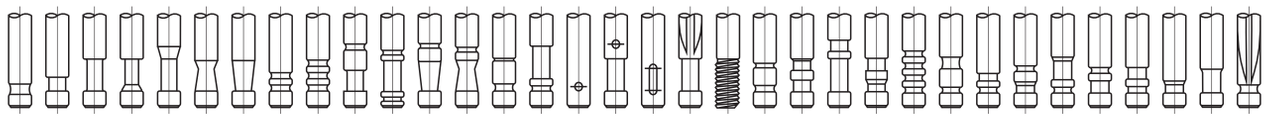
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUDI DIESEL											
ENG. CR	**80 1.6 D** **4000 1.6 D**	8/80-7/82 3/81-7/82	1588 ccm	40 kW (54 PS)	76,5 / 4	IN EX	PAUD007 PAUD008	068109601 068109611 1257054	34,0x8,0x104,9 31,2x8,0x104,6	45 45	1 1
						IN	PAUD010	068109601C 068109601D	34,0x8,0x104,9	45	9
						EX	PAUD011	068109611C 068109611D 072109611 1328089-6 1328148 1389262-5 9135927	31,2x8,0x104,6	45	9
						IN	PAUD013	068109601L 068109601M 068109601N	34,0x8,0x95,1	45	9
						EX	PAUD006	068109611L 068109611M	31,2x8,0x95,0	45	9
ENG. CY	**80 1.6 TD** **90 1.6 TD** **4000 1.6 TD**	2/82-3/87 8/84-7/86 8/81-7/85	1588 ccm	51 kW (70 PS)	76,5 / 4	IN	PAUD010	068109601C 068109601D	34,0x8,0x104,9	45	9
						EX	PAUD011	068109611C 068109611D 072109611 1328089-6 1328148 1389262-5 9135927	31,2x8,0x104,6	45	9
ENG. JK	**80 1.6 D** **4000 1.6 D**	8/82-7/89 8/82-7/84	1588 ccm	40 kW (54 PS)	76,5 / 4	IN	PAUD013	068109601L 068109601M 068109601N	34,0x8,0x95,1	45	9
						EX	PAUD006	068109611L 068109611M	31,2x8,0x95,0	45	9



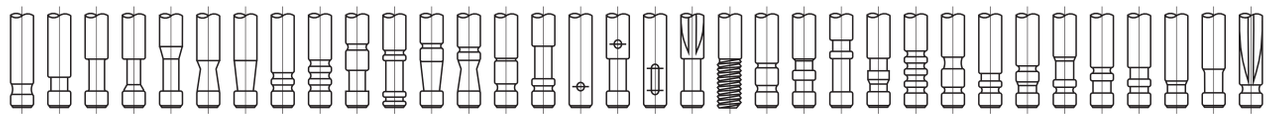
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUDI DIESEL											
ENG. DE	**100 2.0 TDI** **5000 2.0 TDI**	11/81-12/87 3/82-7/85	1986 ccm	66 kW (90 PS)	76,5 / 5	IN	PAUD012	069109601C 069109601D 1328088-8 1328147 1389261-7	36,0x8,0x104,9	45	9
						EX	PAUD011	068109611C 068109611D 072109611 1328089-6 1328148 1389262-5 9135927	31,2x8,0x104,6	45	9
						EX	PAUD006	068109611L 068109611M	31,2x8,0x95,0	45	9
ENG. SB	**80/90 1.6 TD**	4/89-12/91	1588 ccm	59 kW (80 PS)	76,5 / 4	IN	PAUD013	068109601L 068109601M 068109601N	34,0x8,0x95,1	45	9
ENG. RA	**80/90 1.6 TD**	4/88-7/90	1588 ccm	59 kW (80 PS)	76,5 / 4	EX	PAUD006	068109611L 068109611M		45	9
ENG. AGR, ALH	**A3 1.9 TDI**	9/96-6/01	1896 ccm	66 kW (90 PS)	79,5 / 4	IN	PAUD017	028109601D 028109601K 1079769	36,0x7,0x96,85	45	9
ENG. AHF, ASV	**A3 1.9 TDI**	1/97-4/02	1896 ccm	81 kW (110 PS)	79,5 / 4						
ENG. AHH	**A4 1.9 TDI**	4/97-9/01	1896 ccm	66 kW (90 PS)	79,5 / 4						
ENG. AVG	**A4/A6 1.9 TDI**	8/99-10/00	1896 ccm	81 kW (110 PS)	79,5 / 4	EX	PAUD018	028109611G 1049788	31,5x7,0x96,8	45	9



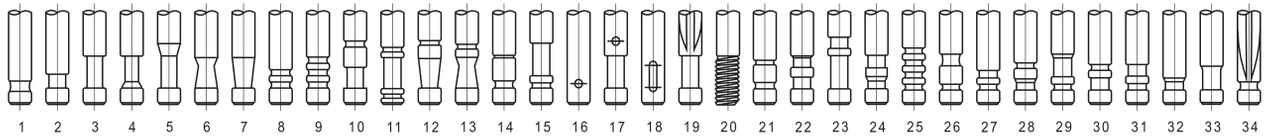
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUDI DIESEL											
ENG. AFN	**A4/A6 1.9 TDI**	2/96-4/01	1896 ccm	81 kW (110 PS)	79,5 / 4	IN	PAUD017	028109601D	36,0x7,0x96,85	45	9
ENG. 1Z	**A4/A6 1.9 TDI**	7/94-7/96	1896 ccm	66 kW (90 PS)	79,5 / 4			028109601K			
	Cabriolet 1.9 TDI	7/95-7/96						1079769			
	80 1.9 TDI	9/91-7/95				IN	PAUD021	028109601A	36,0x8,0x96,8	45	9
ENG. AFF	**A4 1.9 TDI**	3/96-6/00	1896 ccm	55 kW (75 PS)	79,5 / 4			028109601H			
ENG. AHU	**A4/A6 1.9 TDI**	7/96-6/00	1896 ccm	66 kW (90 PS)	79,5 / 4			046109601G			
	Cabriolet 1.9 TDI	7/96-8/00						046109601H			
								046109601J			
								049109601J			
								1669766			
								9186565			
						EX	PAUD018	028109611G	31,5x7,0x96,8	45	9
								1049788			
						EX	PAUD022	046109611C	31,5x8,0x96,9	45	9
								046109611E			
								046109611F			
								1669772			
								9186566			
ENG. AAT	**A6 2.5 TDI**	6/94-10/97	2461 ccm	85 kW (115 PS)	81 / 5	IN	PAUD021	028109601A	36,0x8,0x96,9	45	9
	100 2.5 TDI	8/91-7/94						028109601H			
ENG. ABP, 1T	**100 2.5 TDI**	1/90-7/92	2461 ccm	85-88 kW (115-120 PS)	81 / 5			046109601G			
ENG. AEL	**A6 2.5 TDI**	10/94-10/00	2461 ccm	103 kW (140 PS)	81 / 5			046109601H			
								046109601J			
								049109601J			
								1669766			
								9186565			
						EX	PAUD022	046109611C	31,5x8,0x96,9	45	9
								046109611E			
								046109611F			
								1669772			
								9186566			
						EX	PAUD038	074109611	31,1x8,0x95,5	45	9



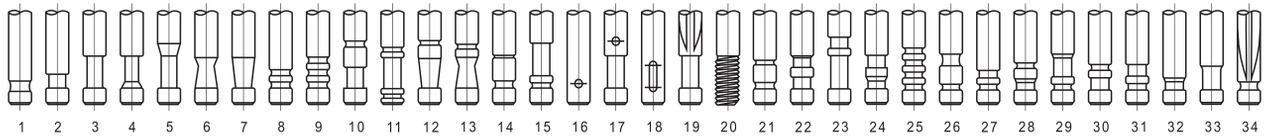
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUDI DIESEL											
ENG. AFB, AKN	**A4 2.5 TDI**	7/98-9/01	2496 ccm	110 kW (150 PS)	78,3 / 6	IN	PAUD029	059109601C	27,0x6,0x100,5	45	9
	A6 2.5 TDI	4/97-5/01						059109601B			
	A8 2.5 TDI	6/97-9/02				EX	PAUD030	059109611C	24,0x6,0x100,5	45	9
ENG. AKE	**A4 2.5 TDI**	12/00-5/03	2496 ccm	132 kW (179 PS)	78,3 / 6			059109611B			
	A6 2.5 TDI	11/99-8/03									
	A6 Allroad 2.5 TDI 24V	11/99-8/00									
	A8 2.5 TDI	11/99-9/02									
ENG. AYM	**A4 2.5 TDI**	12/00-6/02	2496 ccm	114 kW (155 PS)	78,3 / 6						
	A6 2.5 TDI	6/01-6/02									
ENG. BFC	**A4 2.5 TDI 24V**	6/03-5/03	2496 ccm	120 kW (163 PS)	78,3 / 6						
	A6 2.5 TDI 24V	6/02-8/03									
ENG. AJM, ATJ	**A4 1.9 TDI**	8/98-9/01	1896 ccm	85 kW (115 PS)	79,5 / 4	IN	PAUD036	038109601B	35,9x7,0x89,9	45	9
	A6 1.9 TDI	1/98-4/01						1100679			
ENG. ASZ	**A3 1.9 TDI**	5/00-6/03	1896 ccm	96 kW (130 PS)	79,5 / 4	EX	PAUD037	038109611B	31,5x7,0x90,0	45	9
ENG. AVF, AWX	**A4 1.9 TDI**	11/00-12/04	1896 ccm	96 kW (130 PS)	79,5 / 4			038109611F			
	A6 1.9 TDI	6/01-1/05						1100678			
ENG. AMF	**A2 1.4 TDI**	6/00-8/03	1422 ccm	55 kW (75 PS)	79,5 / 3						
ENG. ATD, AVB	**A3 1.9 TDI**	1/01-6/03	1896 ccm	74 kW (101 PS)	79,5 / 4						
	A4 1.9 TDI	4/01-5/04									
ENG. AZV, BKD	**A3 2.0 TDI 16V**	5/03-6/08	1968 ccm	100-103 kW (136-140 PS)	81 / 4	IN	PAUD060	03G109601A	29,4x6,0x88,5	45	9
ENG. BVF	**A4 2.0 TDI 16V**	11/05-11/06	1968 ccm	93 kW (126 PS)	81 / 4	EX	PAUD061	03G109611B	25,5x6,0x88,2	45	9
ENG. BVG	**A4 2.0 TDI 16V**	1/06-9/06	1968 ccm	89 kW (121 PS)	81 / 4	IN	PAUD062	03G109601B	29,2x6,0x87,8	45	9
	A6 2.0 TDI 16V	9/05-6/06						MN980080			
ENG. BNA, BRE, BRF, BLB	**A4 2.0 TDI 16V**	11/04-6/08	1968 ccm	100-103 kW (136-140 PS)	81 / 4			68001582AA			
	A6 2.0 TDI 16V	7/04-10/08				EX	PAUD063	03G109611D	25,5x6,0x87,5	45	9
ENG. BMN, BUY	**A3 2.0 TDI 16V**	3/06-6/08	1968 ccm	120-125 kW (163-170 PS)	81 / 4			MN980081			
ENG. BRD, BVA	**A4 2.0 TDI 16V**	6/06-6/08	1968 ccm	120-125 kW (163-170 PS)	81 / 4			68001583AA			



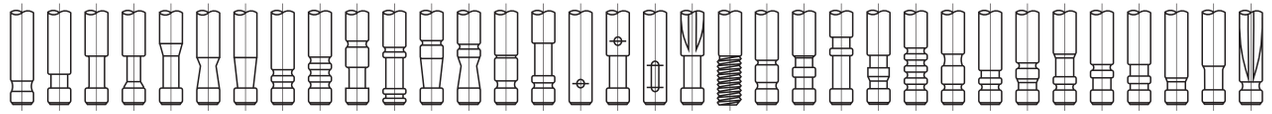
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUDI DIESEL											
ENG. 1Y	**80 1.9 D**	8/89-12/91	1896 ccm	47 kW (64 PS)	79,5 / 4	IN	PAUD064	028109601B	36,0x7,0x95,5	45	9
ENG. AAZ	**80 1.9 TD**	9/91-7/95	1896 ccm	55 kW (75 PS)	79,5 / 4	EX	PAUD065	028109611B 028109611E	31,5x7,0x95,6	45	9
ENG. BCZ, BDG	**A4 2.5 TDI 24V**	6/03-5/06	2496 ccm	120 kW (163 PS)	78,3 / 6	IN	PAUD066	059109601F	27,1x6,0x100,5	45	9
	A6 2.5 TDI 24V	2/03-8/05				EX	PAUD067	059109611G	24,1x6,0x100,5	45	9
	A6 Allroad 2.5 TDI 24V	2/03-8/05							Odległość zamka - 8,3 [mm]		
ENG. BAU, BDH	**A4 2.5 TDI 24V**	6/03-12/04	2496 ccm	132 kW (179 PS)	78,3 / 6						
	A6 2.5 TDI 24V	2/03-8/05									
	A6 Allroad 2.5 TDI 24V	2/03-8/05									
ENG. AAZ	**80 1.9 TD**	9/91-7/95	1896 ccm	55 kW (75 PS)	79,5 / 4	IN	PAUD068	069109601H	36,0x8,0x95,0	45	9
						EX	PAUD038	074109611	31,1x8,0x95,5	45	9



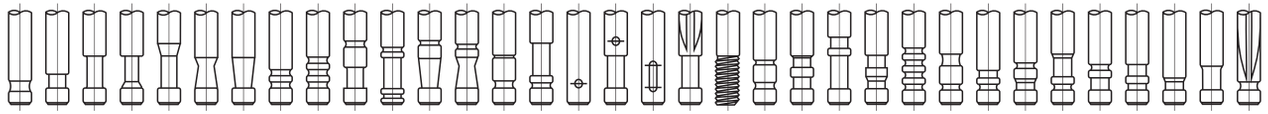
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUDI DIESEL											
ENG. CAYB	**A1 Sportback (8XA, 8XF) 1.6 TDI**	11/11 - 04/15	1598 ccm	66 kW (90 PS)	4	IN	PAUD076	03L109601A	26,5x6,0x99,3	45	9
						EX	PAUD077	03L109611A	24,5x6,0x99,1		
	A3 (8P1) 1.6 TDI	05/09 - 08/12									
	A3 Sportback (8PA) 1.6 TDI	05/09 - 03/13									
	A1 (8X1, 8XK) 1.6 TDI	03/11 - 04/15									
ENG. CAYC	**A1 (8X1, 8XK) 1.6 TDI**	05/10 - 04/15	1598 ccm	77 kW (105 PS)	4						
	A1 Sportback (8XA, 8XF) 1.6 TDI	11/11 - 04/15									
	A3 (8P1) 1.6 TDI	05/09 - 08/12									
	A3 Sportback (8PA) 1.6 TDI	05/09 - 03/13									
	A3 Convertible (8P7) 1.6 TDI	05/09 - 05/13									
ENG. CLHA	**A3 (8V1, 8VK) 1.6 TDI**	10/12 →	1598 ccm	77 kW (105 PS)	4						
	A3 Sportback (8VA, 8VF) 1.6 TDI	10/12 →									
	A3 Limousine (8VS, 8VM) 1.6 TDI	9/13 →									
ENG. CRKB	**A3 (8V1, 8VK) 1.6 TDI**	09/13 →	1598 ccm	81 kW (110 PS)	4						
	A3 Sportback (8VA, 8VF) 1.6 TDI	09/13 →									
	A3 Limousine (8VS, 8VM) 1.6 TDI	05/14 →									
	A3 Convertible (8V7, 8VE) 1.6 TDI	02/14 →									
ENG. CXMA	**A1 (8X1, 8XK) 1.6 TDI**	11/14 - 10/18	1598 ccm	85 kW (115 PS)	4						
	A1 Sportback (8XA, 8XF) 1.6 TDI	11/14 - 10/18									



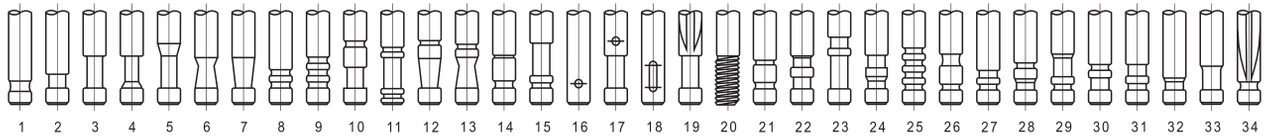
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUDI DIESEL											
ENG. CAGA	**A4 (8K2, B8) 2.0 TDI quattro**	11/08 - 12/15	1968 ccm	105 kW (143 PS)	4	IN	PAUD078	03L109601 04L109601B	28,2x6,0x99,3	45	9
	A4 Avant (8K5, B8) 2.0 TDI quattro	04/08 - 12/15				EX	PAUD079	03L109611 04L109611B	26,0x6,0x99,1	45	9
	A4 Allroad (8KH, B8) 2.0 TDI quattro	09/09 - 05/16									
	Q5 (8RB) 2.0 TDI quattro	08/09 →									
ENG. CAGB	**A4 (8K2, B8) 2.0 TDI**	11/07 - 12/15	1968 ccm	100 kW (136 PS)	4						
	A4 Avant (8K5, B8) 2.0 TDI	04/08 - 12/15									
	A4 Allroad (8KH, B8) 2.0 TDI quattro	09/09 - 05/16									
	A6 (4F2, C6) 2.0 TDI	07/04 - 03/11									
	A6 Avant (4F5, C6) 2.0 TDI	06/05 - 08/11									
ENG. CAHA	**A4 (8K2, B8) 2.0 TDI**	01/08 - 03/12	1968 ccm	125 kW (170 PS)	4						
	A4 (8K2, B8) 2.0 TDI quattro	01/08 - 03/12									
	A4 Avant (8K5, B8) 2.0 TDI	04/08 - 03/12									
	A4 Avant (8K5, B8) 2.0 TDI quattro	08/08 - 03/12									
	A4 Allroad (8KH, B8) 2.0 TDI quattro	04/09 - 05/16									
	A5 (8T3) 2.0 TDI	08/08 - 03/12									



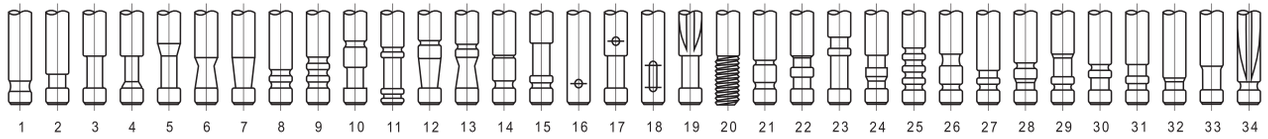
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUDI DIESEL											
ENG. CAHA	**A5 (8T3) 2.0 TDI quattro**	08/08 - 03/12				IN	PAUD078	03L109601 04L109601B	28,2x6,0x99,3	45	9
	A5 Sportback (8TA) 2.0 TDI	09/09 - 03/12				EX	PAUD079	03L109611 04L109611B	26,0x6,0x99,1	45	9
	A5 Sportback (8TA) 2.0 TDI quattro	09/09 - 03/12									
	A5 kabriolet (8F7) 2.0 TDI	05/09 - 03/12									
	A6 (4F2, C6) 2.0 TDI	11/08 - 03/11									
	A6 Avant (4F5, C6) 2.0 TDI	10/08 - 08/11									
ENG. CFFA	**A3 (8P1) 2.0 TDI**	05/03 - 08/12	1968 ccm	100 kW (136 PS)	4						
	Q3 (8UB, 8UG) 2.0 TDI	09/11 - 10/18									
ENG. CFFB	**A3 (8P1) 2.0 TDI 16V quattro**	08/04 - 08/12	1968 ccm	105 kW (140 PS)	4						
	A3 Sportback (8PA) 2.0 TDI 16V quattro	11/05 - 03/13									
	A3 kabriolet (8P7) 2.0 TDI	04/08 - 05/13									
	Q3 (8UB, 8UG) 2.0 TDI quattro	01/12 - 10/18									
ENG. CFGB	**A3 (8P1) 2.0 TDI**	03/06 - 08/12	1968 ccm	125 kW (170 PS)	4						
	A3 (8P1) 2.0 TDI quattro	03/08 - 08/12									
	A3 Sportback (8PA) 2.0 TDI	03/06 - 03/13									



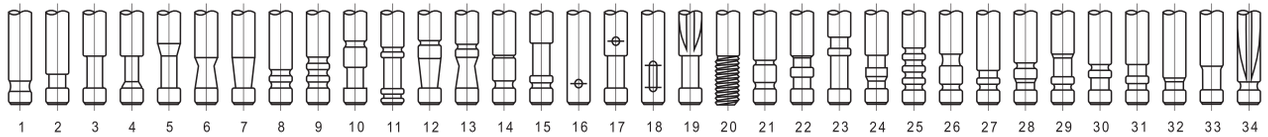
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUDI DIESEL											
ENG. AMF	**A2 (8Z0) 1.4 TDI**	02/00 - 08/05	1422 ccm	55 kW (75 PS)	3	IN	PAUD080	038109601E	36,0x7,0x89,5	45	9
ENG. ATL	**A2 (8Z0) 1.4 TDI**	11/03 - 08/05	1422 ccm	66 kW (90 PS)	3	EX	PAUD081	038109611E	31,5x7,0x89,0	45	9
ENG. AXR	**A3 (8L1) 1.9 TDI**	10/00 - 05/03	1896 ccm	74 kW (100 PS)	4						
ENG. BKE	**A4 (8E2, B6) 1.9 TDI**	06/04 - 12/04	1896 ccm	85 kW (116 PS)	4						
	A4 Avant (8E5, B6) 1.9 TDI	06/04 - 12/04									
ENG. BLS	**A3 kabriolet (8P7) 1.9 TDI**	04/08 - 10/09	1896 ccm	77 kW (105 PS)	4						
ENG. BMM	**A3 (8P1) 2.0 TDI**	06/05 - 06/08	1968 ccm	103 kW (140 PS)	4						
	A3 (8P1) 2.0 TDI quattro	01/06 - 06/08									
	A3 Sportback (8PA) 2.0 TDI	06/05 - 06/08									
	A3 Sportback (8PA) 2.0 TDI quattro	01/06 - 06/08									
ENG. BRB	**A4 (8EC, B7) 1.9 TDI**	11/04 - 06/08	1896 ccm	85 kW (116 PS)	4						
	A4 Avant (8ED, B7) 1.9 TDI	11/04 - 06/08									
ENG. BXE	**A3 (8P1) 1.9 TDI**	05/03 - 05/10	1896 ccm	77 kW (105 PS)	4						
	A3 Sportback (8PA) 1.9 TDI	09/04 - 05/10									



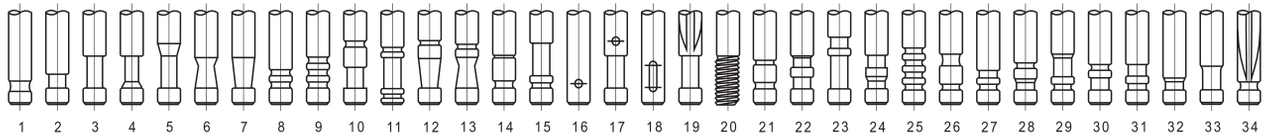
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUSTIN - LEYLAND BENZYNA											
ENG. K Series	**Metro 1.1 C/L/S**	89 →	1113 ccm	44 kW (60 PS)	75 / 4	IN	PAUS030	WAM4002	33,7x7,0x90,5	45	1
ENG. K Series	**Metro 1.4 SL/GS/GTa**	89 →	1396 ccm	56 kW (76 PS)	75 / 4	EX	PAUS031	WAM4003 LGH101050 LGH101180	31,2x7,0x91,0	45	1
ENG. K Series	**Metro 1.4 GTI 16V (Twin Cam)**	90 →			75 / 4	IN	PAUS032	LGH10029 GH10029 GH061586 WAM1655	27,7x6,0x89,6	45	1
						EX	PAUS033	LGH10028 LGH100820 LGH101190 GH10028 GH061587 WAM4127	24,1x6,0x90,0	45	1



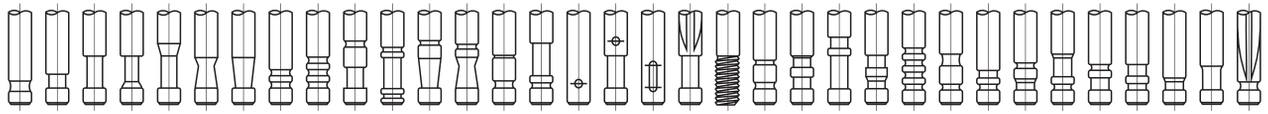
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUSTIN - LEYLAND DIESEL											
ENG. Prima 80T - Turbo	**Montego 2.0**	88 →	1994 ccm	60 kW (80 PS)	84,4 / 4	IN	PAUS054	BDU1399	37,0x7,4x93,8	45	1
ENG. Prima 65	**Maestro**	86 →	1995 ccm	46 kW (63 PS)	84,4 / 4			LGH10036			
	Sherpa 200, 230, 250, 255, 280	86 →						L142HF01			
						EX	PAUS055	BDU1400	33,6x7,4x93,8	45	1
								LGH10037			
								L142AF02			
ENG. 4/98 NV	**Tractor 262/272/470 FG Series, Terrier**	72 →	3771 ccm	46-55 kW (63-75 PS)	98 / 4	IN	PAUS059	86K943	43,0x8,7x148,0	45	1
						EX	PAUS060	86K944	38,0x8,7x148,0	45	1
ENG. 6/98 NV, 6/98 DV	**Tractor 285/485/2100/4100 FG Series, Terrier, Boxer**	72 →	5655 ccm	71-86 kW (97-117 PS)	98 / 6			NKJ3537			
ENG. 0370	**Super Comet**	64 →	6540 ccm		107,2 / 6	IN	PAUS065	PL909	42,8x8,66x146,0	30	1
								607909			
								518731			
						EX	PAUS066	PL910	39,5x8,64x146,0	30	1
								607910			
								518732			
ENG. 0401, 0402NA		68 →	6540 ccm		107,2 / 6	IN	PAUS067	PLA2584	45,7x8,66x145,9	30	1
ENG. 0410, 0411 - Turbo		73 →						10618846			
						EX	PAUS068	PLA2585	42,8x8,64x145,9	30	1
								10618851			
ENG. TL11A - Turbo		78 →	10300 ccm		6	IN	PAUS072	Pl612817	55,2x11,0x151,7	30	1
ENG. TL11D - Turbo								612817			
						EX	PAUS073	UEJ1005	46,5x11,0x150,4	30	1
ENG. 0680		51 →	11100 ccm	156 kW (212 PS)	127,01 / 6	IN	PAUS077	PL608532	56,0x11,0x151,8	30	1
ENG. 0680 Power Plus		62-71	11100 ccm	147 kW (200 PS)	127,01 / 6			608532			
						EX	PAUS078	PL608533	48,4x11,0x150,7	30	1
								608533			



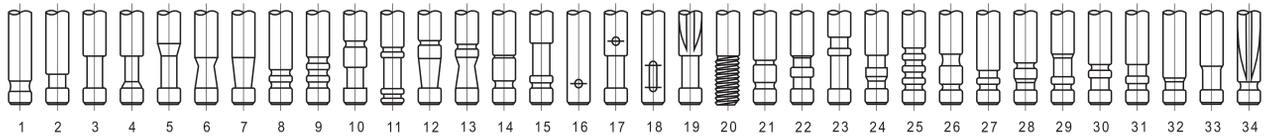
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUTOBIANCHI BENZYNA											
ENG. 156 A2.000, 156 A2.100, 156 A2.246	**Y10**	85→	999 ccm	32-37 kW (44-50 PS)	70 / 4	IN	PAUT001	5942727	30,4x7,0x97,1	45	1
	Y10 4WD	86→						7666228			
	Y10 LX	85→				EX	PAUT002	5942728	27,3x7,0x97,2	45	1
ENG. 160 A3.000	**Y10 ie**	89→	1108 ccm	37-41 kW (51-56 PS)	70 / 4			7666227			
	Y10 4WD ie	89→						46514754			
	Y10 ie LX	89→						46553047			
ENG. 156 C.000, 156 C.046	**Y10 1.1 ie**	89/95	1108 ccm	37-40 kW (50-55 PS)	70 / 4						
ENG. 110D.000	**Giardiniera**	60→	499 ccm	13 kW (18 PS)	67,4 / 2	IN	PAUT003	4058690	32,0x8,0x115,3	45	33
	Panoramica 500 L	60-73						4058859			
	Bianchina 500	60-73						4062108			
								4294098			
						EX	PAUT004	4374855	28,0x8,0x115,7	45	33
								5977214			
								4058860			
								4058691			
								4146638			
								4094941			



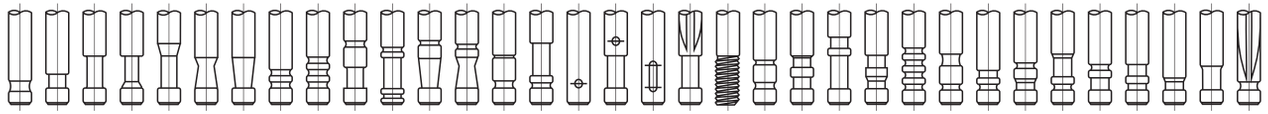
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AUTOBIANCHI BENZYNA											
ENG. A 112 A.000	**A 112 0.9**	3/78-12/86	903 ccm	29-35 kW (39-48 PS)	65 / 4	IN	PAUT005	4265695	29,0x7,0x95,3	30	1
ENG. A 112 A5.000	**A 112 0.9**	7/75-12/85	903 ccm	31 kW (42 PS)	65 / 4			4259853			
ENG. A 112 B2.000	**A 112 0.9**	3/78-2/84	903 ccm	29 kW (40 PS)	65 / 4			46407749			
ENG. A 112 B1.000	**A 112 0.9**	11/77-12/84	965 ccm	35 kW (48 PS)	67,2 / 4			46427459			
ENG. 100 GL6.000	**A112 E**	69-86	843 ccm	25 kW (33 PS)	65 / 4			4190109			
ENG. A112A- A112B1	**A 112 Elegant - Elite**	77-85	965 ccm	35 kW (48 PS)	67,2 / 4			5959564			
	A 122 Junior - LX	77-85				EX	PAUT006	4259583	26,0x7,0x95,7	45	1
								4183555			
								4274135			
								4377979			
								5973130			
								5959563			
								5963326			
								7736408			
								7783841			
						EX	PAUT007	4265696	26,0x7,0x95,3	45	9
								4266321			



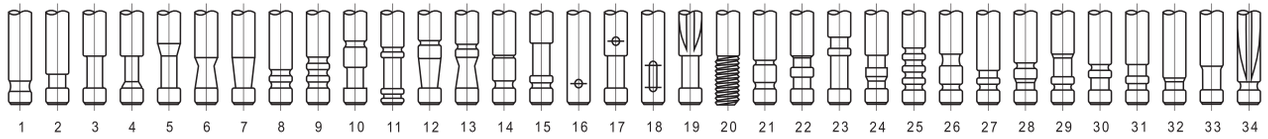
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
AVIA DIESEL											
	A-30				102 / 4	IN	PAVI001	360-020243	45,9x10,0x140,7	45	1
						EX	PAVI002	360-020261	37,0x10,0x140,2	45	1
ENG. D712	**A-21, A-31**	83 →	3595 ccm	61 kW (83 PS)	102 / 4	IN	PAVI001	360-020243	45,9x10,0x140,7	45	1
						EX	PAVI004	362-020261	37,0x10,0x139,0	45	1
								362-020262			
	A-21T/A-31T 407-01/02/03	10/93 →			102 / 4	IN	PAVI005	362-020240	45,6x10,0x140,6	30	1
						EX	PAVI004	362-020261	37,0x10,0x139,0	45	1
								362-020262			



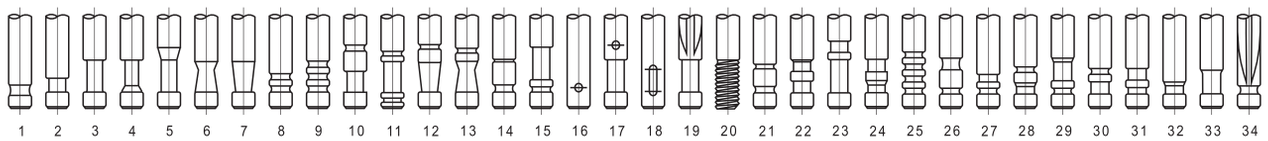
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
BEDFORD BENZYNA											
ENG. 13 N, 13 S	**Astra 1.3L Van**	82 →	1297 ccm	44-55 kW (60-75 PS)	75 / 4	IN	PBED005	642763 90106098	33,0x7,0x104,5	45	1
						EX	PBED006	642890 90106086	29,0x7,0x104,5	45	1
ENG. F10A (33 kW)	**Rescal 1.0**	83-86	970 ccm	33 kW (45 PS)	65,5 / 4	IN	PBED007	12911-82000 12911-82010 12911A82000	36,0x7,0x115,5	45	1
						EX	PBED008	12915-82000 12915-82062 12915-82050 12915A82050	30,0x7,0x114,5	45	1
ENG. 16N, 16S	**Astra Van**	83 →	1598 ccm	66 kW (90 PS)	80 / 4	IN	PBED027	642635 90106792	35,0x7,98x106,0	45	1
						EX	PBED028	642789 90106797	32,0x7,96x106,6	45	1
ENG. 20N, 20S	**CF 2 Van 230/250/280/350 cwt.**	84 →	1979 ccm	74 kW (101 PS)	95 / 4	IN	PBED029	642750 09292660	42,0x9,0x123,0	45	1
						EX	PBED030	642873 09292324	37,0x9,0x123,7	45	26
									+.003"		
						IN	PBED031	642751 092292661	42,0x9,07x123,0	45	1
						EX	PBED032	642874 09292325	37,0x9,07x123,7	45	26
									+.006"		
						IN	PBED033	642752 092292662	42,0x9,15x123,0	45	1
						EX	PBED034	642875 09292326	37,0x9,15x123,7	45	26



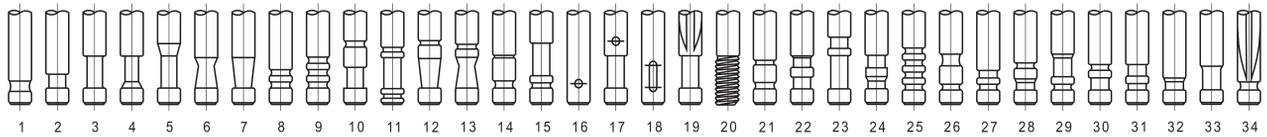
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
BEDFORD BENZYNA											
ENG. 16 SV	**Astra L Van**	83 →	1598 ccm	60 kW (82 PS)	79 / 4	IN	PBED039	642679 90232973 90295011	38,0x7,0x101,1	45	1
						EX	PBED040	642854 642911 90232977 90295015	31,0x7,0x101,1	45	1



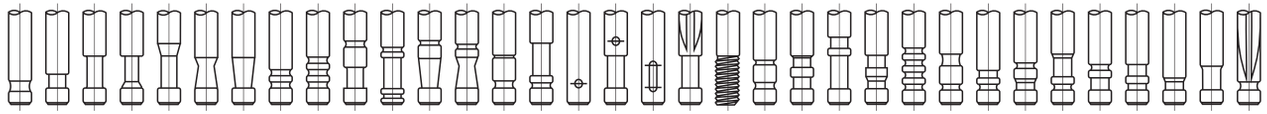
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
BEDFORD DIESEL											
ENG. 16 D, 16 DA	**Astra Van 1.6 D**	83 →	1598 ccm	40 kW (54 PS)	80 / 4	IN	PBED001	642651 90009534 90169309	36,0x8,0x123,2	45	1
						EX	PBED002	642818 641353 90499097	32,0x8,0x123,2	45	1
									+.003"		
						IN	PBED037	642652 90169310	36,0x8,07x123,2	45	1
						EX	PBED038	642819 90169315	32,0x8,07x123,2	45	1
ENG. 200	**JIP/KC Models**	58 →	3285 ccm	48 kW (65 PS)	98,4 / 4	IN	PBED003	91007950	42,9x8,7x141,5	45	2
ENG. 300	**S/R Series**		4927 ccm	74 kW (100 PS)	98,4 / 6			6384866			
ENG. 220	**J/TK Models**		3614 ccm	48-52 kW (65-71 PS)	103,2 / 4	EX	PBED004	8854549	37,3x8,7x141,1	45	2
ENG. 330	**J/TK Models** **M Series Special** **Appliance Chassis FC**		5420 ccm	72-99 kW (98-135 PS)	103,2 / 6			6366427 7173156			
BERLIET ..... → R.V.I. 451											



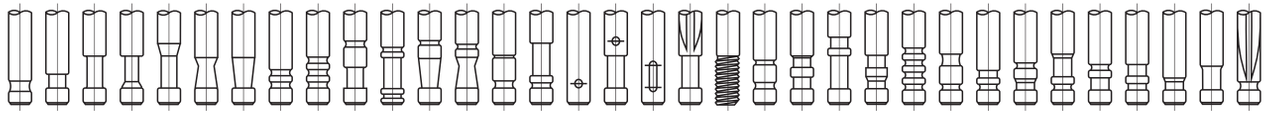
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
BMW BENZYNA											
ENG. M20 B20 V	**320/6 2.0 (E21)** **520/6 2.0 (E12)**	8/77-12/82 9/77-5/81	1991 ccm	90 kW (122 PS)	80 / 6	IN	PBMW001	11341267721 11341265453	39,9x7,0x102,5	45	9
ENG. M20 B20 L	**320i 2.0 (E30)** **320i 2.0 (E30) (AUS/CH/S)**	9/77-12/85 9/82-87	1991 ccm	92 kW (125 PS)	80 / 6			11341267687 1265453 1267687			
ENG. M20 B20 M1.Z7	**320i 2.0 (E30)** **520i 2.0 (E34)**	12/86-9/88 12/86-12/87	1991 ccm	95 kW (129 PS)	80 / 6	EX	PBMW002	11341267722 11341280643	33,9x7,0x102,5	45	9
ENG. M20 B23 L	**323i 2.3 (E30)**	9/83-8/86	2316 ccm	110 kW (150 PS)	80 / 6			1280643			
ENG. M20 B23 LE	**323i 2.3 (E30) (CH)**	9/82-12/86	2316 ccm	102 kW (109 PS)	80 / 6			1267688			
ENG. M20 B23 K	**323i 2.3 (E21)**	1/78-9/82	2316 ccm	105 kW (143 PS)	80 / 6						
ENG. M20 B20 LE	**320i 2.0 (E30)** **520i 2.0 (E28)**	12/85-6/91 12/86-12/87	1991 ccm	95 kW (129 PS)	80 / 6						
ENG. M20 B20 K	**320i 2.0 (E30)** **520i 2.0 (E28)**	9/82-8/88 6/81-8/87	1991 ccm	92 kW (125 PS)	80 / 6						
ENG. M20 B20 MO.E8	**520i 2.0 (E34)**	9/87-9/90	1991 ccm	95 kW (129 PS)	80 / 6						
ENG. M20 B27 MEE	**525e 2.7i (E28)**	3/83-12/87	2693 ccm	92 kW (125 PS)	84 / 6						
ENG. M20 B27 ME.U	**325e 2.7 (E30) (USA)** **528e 2.7i (E28) (USA)**	10/83-2/87 12/84-12/87	2693 ccm	90 kW (122 PS)	84 / 6						
ENG. M20 B27 M1Z7	**325e 2.7 (E30)** **525e 2.7i (E28)**	3/87-6/88 1/87-12/87	2693 ccm	95 kW (129 PS)	84 / 6						
ENG. M20 B25 M.E	**325i 2.5 (E30)**	9/85-6/91	2494 ccm	125 kW (170 PS)	84 / 6	IN	PBMW003	11341720827	42,0x7,0x102,5	45	9
ENG. M20 B25 M.E/8	**525i 2.5 (E34)**	9/87-1/90	2494 ccm	125 kW (170 PS)	84 / 6			11341708895			
ENG. M20 B25 M1.Z7	**325i 2.5 (E30)** **525i 2.5 (E34)** **Z1 2.5i**	9/87-6/91 9/87-1/90 7/88-6/91	2494 ccm	125 kW (170 PS)	84 / 6	EX	PBMW004	11341720828 11341708896	36,0x7,0x102,5	45	9



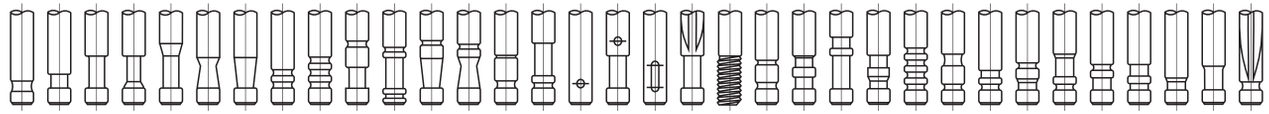
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
BMW BENZYNA											
ENG. M30 B25 L	**525i 2.5 (E28)**	6/81-12/87	2494 ccm	110 kW (150 PS)	86 / 6	IN	PBMW005	11341273592	45,9x8,0x106,5	45	9
ENG. M30 B25 V	**2.5 CS (E9)**	9/74-3/76	2494 ccm	107-110 kW (146-150 PS)	86 / 6			11341257587			
	2500 (E3)	10/68-4/77				EX	PBMW006	11341250129	37,9x8,0x107,2	45	9
	525 2.5 (E12)	9/76-5/81									
ENG. M30 B28 L	**528i (E12) (USA)**	4/77-5/81	2788 ccm	126 kW (171 PS)	86 / 6						
	528i 2.8 (E28)	6/81-12/87									
	628 CSi (E24)	9/79-12/87									
	728i 2.8 (E23)	9/77-5/86									
ENG. M30 B28 V	**2800 (E3)**	10/68-7/75	2788 ccm	125 kW (170 PS)	86 / 6						
	2.8 (E3)	2/75-4/77									
	528 2.8 (E12)	1/75-8/77									
	528 2.8 (E12)	9/95-3/98									
	728 2.8 (E23)	5/77-6/86									
ENG. M30 B30 M.E7	**530i 3.0 (E34)**	6/87-1/92	2986 ccm	138-145 kW (188-197 PS)	89 / 6						
	730i 3.0 (E32)	12/86-8/88									
ENG. M30 B30 V	**3.0 (E9) (S)**	5/71-8/79	2986 ccm	132-136 kW (180-185 PS)	89 / 6						
	3.0 (E9)	2/75-4/77									
	3.0 (E3) (S)	5/71-8/79									
	3.0 (E3)	2/75-4/77									
	630 CS (E24)	4/76-8/79									
	630 CS (E24) (S)	4/76-8/79									
	730 3.0 (E23)	5/77-8/79									
	730 3.0 (E23) (S)	4/76-8/79									
ENG. M30 B32 LA	**745i turbo (E23)**	9/79-4/83	3210 ccm	185 kW (252 PS)	89 / 6						
ENG. M30 B32 M	**732i 3.2 (E23)**	83-8/86	3210 ccm	145 kW (197 PS)	89 / 6						



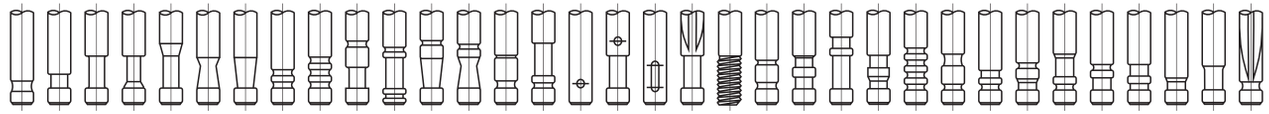
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
BMW BENZYNA											
ENG. M50 B20 M	**520i 2.0 24V (E34)**	9/89-9/91	1991 ccm	110 kW (150 PS)	80 / 6	IN	PBMW009	11341722910	29,9x7,0x107,7	45	9
ENG. M50 B20 TU	**320i 2.0 24V (E36)**	9/92-8/94	1991 ccm	110 kW (150 PS)	80 / 6			11341722896			
	520i 2.0 24V (E34)	9/92-12/95				IN	PBMW020	11341738214	30,0x6,0x107,1	45	9
ENG. M50 B20	**320i 2.0 24V (E36)**	4/90-9/92	1991 ccm	110 kW (150 PS)	80 / 6			11341738220			
	520i 2.0 24V (E34)	9/91-9/92						11341438449			
ENG. M52 B20 (M52 B20C)	**320i 2.0 24V (E36)**	9/94-3/98	1991 ccm	110 kW (150 PS)	80 / 6	EX	PBMW010	11341722911	26,9x7,0x106,8	45	9
	320i 2.0 24V (E46)	3/98-9/01						11341722897			
	520i 2.0 24V (E39)	1/96-9/00				EX	PBMW021	11341738215	27,0x6,0x106,2	45	9
	520i 2.0 24V (E34)	10/94-12/96						11341738221			
	Z3 2.0i 24V (E36/7)	4/99-12/00						11347502351			
ENG. M70 B50	**750i (E32)**	5/87-11/94	4988 ccm	221 kW (300 PS)	84 / 12	IN	PBMW015	11341727358	41,9x7,0x102,1	45	9
	850i/Ci (E31)	5/89-10/94						11341706941			
ENG. M40 B18 M.E	**318i 1.8 (E30)**	9/87-4/94	1796 ccm	83-85 kW (113-115 PS)	84 / 4			11341709941			
	318i 1.8 (E36)	12/90-2/94				EX	PBMW016	11341727352	35,9x7,0x101,1	45	9
	518i 1.8 (E34)	9/89-5/95						11341717579			
ENG. M40 B16	**316i 1.6 (E36)**	12/90-1/94	1596 ccm	73-75 kW (100-102 PS)	84 / 4						
ENG. M42 B18	**318i 1.8 16V (E30)**	9/89-12/91	1796 ccm	100 kW (136 PS)	84 / 4	IN	PBMW018	11341739822	32,9x6,0x106,1	45	9
	318i 1.8 16V (E36)	4/89-12/96						11341739820			
ENG. M50 B25 M	**325i 2.5 24V (E36)**	4/90-9/92	2494 ccm	141 kW (192 PS)	84 / 6			11341438284			
	525i 2.5 24V (E34)	9/89-9/92						11341438385			
ENG. M50 B25 TU	**325i 2.5 24V (E36)**	9/92-5/95	2494 ccm	141 kW (192 PS)	84 / 6			11341438451			
	525i 2.5 24V (E34)	9/89-6/96						11341738218			
ENG. M42 B18 TU1	**318i 1.8 16V (E36)**	3/92-12/96	1796 ccm	103 kW (140 PS)	84 / 4	EX	PBMW019	11341739823	30,5x6,0x105,7	45	9
ENG. M52 B25 TU	**323i 2.5 24V (E46)**	3/98-9/00	2494 ccm	125 kW (170 PS)	84 / 4			11341739821			
	523i 2.5 24V (E39)	9/95-9/00						11341738219			
	Z3 2.5i 24V (E36/7) (USA)	1/99-12/02						11347505731			



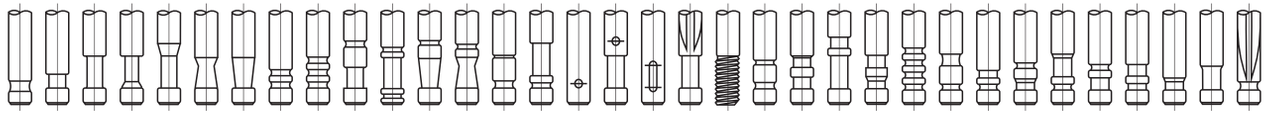
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
BMW BENZYNA											
ENG. M52 B25	**323i 2.5 24V (E36)**	5/95-9/99	2494 ccm	125 kW (170 PS)	84 / 6	IN	PBMW018	11341739822	32,9x6,0x106,1	45	9
	523i 2.5 24V (E39)	9/95-3/98						11341739820			
	Z3 2.5i 24V (E36/7) (USA)	1/99-12/02						11341438284			
ENG. M52 B28 GG	**328i 2.8 24V (E36)**	9/94-10/99	2793 ccm	142 kW (193 PS)	84 / 6			11341438385			
	528i 2.8 24V (E39)	9/95-3/98						11341438451			
	728i 2.8 24V (E38)	5/95-3/98						11341738218			
	Z3 2.8i 24V (E36/7)	9/96-9/98				EX	PBMW019	11341739823	30,5x6,0x105,7	45	9
ENG. M52 B28 TU	**328i 2.8 24V (E46)**	4/98-9/00	2793 ccm	142 kW (193 PS)	84 / 6			11341739821			
	528i 2.8 24V (E39)	4/98-9/00						11341738219			
	728i 2.8 24V (E38)	4/98-10/01						11347505731			
	Z3 2.8i 24V (E36/7)	11/96-9/00									
ENG. M44 B19	**318i 1.9 16V (E36)**	9/96-9/00	1895 ccm	103 kW (140 PS)	85 / 4						
	Z3 1.9i 16V (E36/7)	9/95-9/99									
ENG. M54 256S5	**X3 2.5i 24V**	03→	2494 ccm	141 kW (192 PS)	84 / 6						
ENG. M54 306S3	**X3 3.0i 24V**	03→	2979 ccm	163-170 kW (222-231 PS)	84 / 6						
	Z4 3.0i 24V	04→									
ENG. M44 B18	**318 1.8 Ti 16V (E36)**	95→	1796 ccm	-	84 / 4						
	318 1.8 iS 16V (E36)	93→									
ENG. M40 B16 ME.8	**316 1.6i (E30)**	9/88-6/94	1596 ccm	73-75 kW (100-102 PS)	84 / 4	IN	PBMW022	11341722908	32,9x7,0x106,7	45	9
ENG. M42 B18	**318i 16V (E30)**	9/89-12/91	1796 ccm	100-103 kW (136-140 PS)	84 / 4			11341722892			
	318i 16V (E36)	3/92-12/96				EX	PBMW023	11341722903	30,5x7,0x106,3	45	9
ENG. M42 B18 TÜ1	**318i 16V (E36)**	3/92-12/96	1796 ccm	103 kW (140 PS)	84 / 4			11341726903			
ENG. 16 4 E1	**316 1.6i (E30)**	9/88-6/94	1596 ccm	73-75 kW (100-102 PS)	84 / 4			11341722909			
	316 1.6i (E36)	9/90-2/94						11341722893			
ENG. M50 B25 M	**325i 2.5 24V (E36)**	9/90-8/92	2494 ccm	141 kW (192 PS)	84 / 6						
	525i 2.5 24V (E34)	9/89-8/92									
ENG. 25 6 S1	**325i 24V (E36)**	9/90-8/92	2494 ccm	141 kW (192 PS)	84 / 6						
	525i 24V (E34)	9/89-8/92									
ENG. M42 B16	**316i**	91-93	1596 ccm	-	84 / 4						



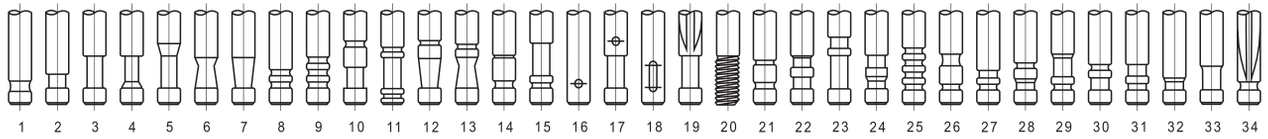
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
BMW BENZYNA											
ENG. M10 B16	**316 1.6 (E21)**	8/75-9/80	1573 ccm	66 kW (90 PS)	84 / 4	IN	PBMW026	11341251879	42,0x8,0x103,8	45	9
ENG. M10 B16 N	**1502 (E10)**	1/75-8/77	1573 ccm	55 kW (75 PS)	84 / 4			0626102			
ENG. M10 B16 V	**315 1.6 (E21)**	3/81-12/83	1573 ccm	55 kW (75 PS)	84 / 4	EX	PBMW027	11341251498	35,0x8,0x104,3	45	9
ENG. 114/2	**1600 (E10)**	9/67-12/71	1573 ccm	77 kW (105 PS)	84 / 4						
	1602 (E10)	9/67-12/71									
ENG. 116	**1600 (E10)**	8/63-7/75	1573 ccm	61-63 kW (83-85 PS)	84 / 4						
	1602 (E10)	4/71-7/75									
ENG. M10 B18 S	**316 1.8 (E21)**	9/80-12/83	1767 ccm	66 kW (90 PS)	89 / 4						
	518 1.8 (E28)	6/81-8/84									
ENG. M10 B18 V	**316 1.8 (E30)**	9/82-12/88	1767 ccm	66 kW (90 PS)	89 / 4						
ENG. 118,3 KH	**1800 (E6)**	5/71-7/75	1766 ccm	66 kW (90 PS)	89 / 4						
	1802 (E10)	5/71-7/75									
	2000 1.8 (E9)	1/70-11/72									
ENG. M43 B18 C	**318i 1.8 (E36)**	1/94-4/99	1796 ccm	85 kW (115 PS)	84 / 4	IN	PBMW031	11341739658	42,0x7,0x104,0	45	9
	Z3 1.8i (E36/7)	9/95-9/99						11341433892			
ENG. M43 B16	**316i 1.6 (E36)**	7/93-8/00	1596 ccm	75-77 kW (102-105 PS)	84 / 4			11341739114			
	316g 1.6i (E36)	8/93-8/00				EX	PBMW032	11341739665	36,0x7,0x103,0	45	9
	316g 1.6i (E46)	11/98-8/01						11341433893			
ENG. M43 B18 Gas KAT	**318g 1.8i (E36)**	9/93-4/99	1796 ccm	85 kW (115 PS)	84 / 4						
ENG. M43 B19 TU OL	**318i 1.9 (E46)**	4/98-9/01	1895 ccm	87 kW (118 PS)	85 / 4						
	Z3 1.9i (E36/7)	9/98-9/02									
ENG. M43 B19 TU UL	**316i 1.9 (E36)**	9/98-8/00	1895 ccm	77 kW (105 PS)	85 / 4						
	316i 1.9 (E46)	4/98-1/02									
ENG. M73 B54	**850 Ci 5.4 (E31)**	2/94-5/99	5379 ccm		85 / 12						
	750i, 750il 24V (E38)	9/94 →									
ENG. S70 B56	**850 CSi 5.6 V12 (E31)**	8/92-11/96	5576 ccm	280 kW (380 PS)	86 / 12						
ENG. M70 B56	**850 Ci 24V**	93 →	5576 ccm	279 kW (380 PS)	86 / 12						



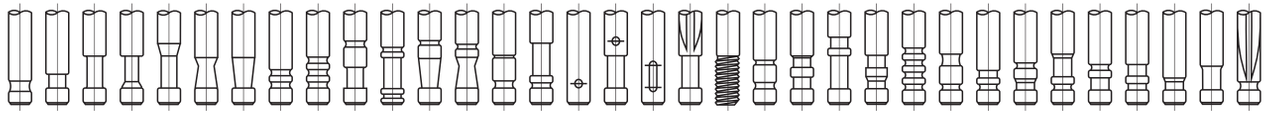
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
BMW BENZYNA											
ENG. S14 B23 (143 kW)	**M3 2.3i (E30)**	7/86-12/91	2302 ccm	143 kW (195 PS)	93,4 / 4	IN	PBMW037	11341309343	37,0x7,0x121,4	45	9
ENG. S14 B23 (147 kW)	**M3 2.3i (E30)**	7/86-12/91	2302 ccm	147-158 kW (200-215 PS)	93,4 / 4	EX	PBMW038	11341309487	32,0x7,0x123,8	45	9
ENG. S38 B36	**M5 24V (E34)**	10/88 →	3535 ccm	232 kW (315 PS)	93,4 / 6						
ENG. M56	**BMW R75**	01/41 - 12/46	745 ccm	19 kW (26 PS)	4	IN/ EX	PBMW040		36,0x9,0x98,0	45	9
	BMW R35 **AWTOWELO R35** **EMW R35/3**	01/37 - 12/40 01/45 - 12/51 01/52 - 12/55	342 ccm 350 ccm 350 ccm	10 kW (14 PS)	4	IN/ EX	PBMW043		36,0x8,0x103,45	45	33
	BMW MOTORCYCLES R 50 R 50/5 (247)	09/69 - 07/73	498 ccm	23 kW (31 PS)	2	IN	PBMW044	11340026101	34x7,0x87,3	45	33
						EX	PBMW045	11340026109	32,1x7,0x86,6	45	33
	BMW MOTORCYCLES R 60 R 60/5 (247)	08/69 - 07/73	599 ccm	29 kW (39 PS)	2						
	BMW MOTORCYCLES R 60 R 60/6 (247)	07/73 - 06/76	599 ccm	29 kW (39 PS)	2						
	BMW MOTORCYCLES R 60 R 60/6 (247)	05/76 - 04/80	599 ccm	29 kW (39 PS)	2						



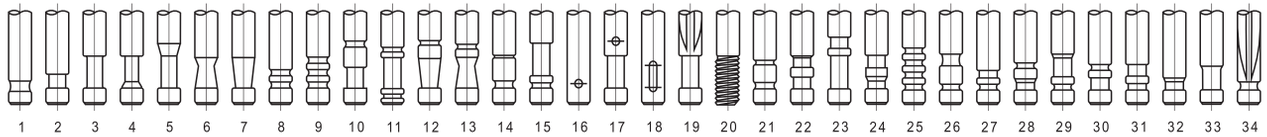
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
BMW DIESEL											
ENG. M21 D24 W	**324d 2.4 (E30)**	9/86-12/87	2443 ccm	60-63 kW (82-86 PS)	80 / 6	IN	PBMW007	11342242624	34,9x7,0x114,3	45	9
	524d 2.4 (E28)	9/85-12/90						11341279141			
ENG. M21 D24 WA	**324dt 2.4 (E30)**	10/87-12/90	2443 ccm	85 kW (115 PS)	80 / 6			11342242621			
	524dt 2.4 (E28)	9/83-12/87				EX	PBMW008	11342242623	30,9x7,0x114,1	45	9
	524dt 2.4 (E34)	11/87-9/91						11341275965			
								11342242622			
ENG. M51 D25 UL	**325td 2.5 (E36)**	6/91-9/97	2497 ccm	85 kW (115 PS)	80 / 6	IN	PBMW011	11342244814	36,0x6,0x103,7	45	9
	525td 2.5 (E39)	1/96-9/00						11342246524			
	525td 2.5 (E34)	12/92-6/96						90511366			
ENG. M51 D25 OL	**525tds 2.5 (E34)**	9/91-6/96	2497 ccm	105 kW (143 PS)	80 / 6			641041			
	325tds 2.5 (E36)	6/93-2/98						STC2156			
ENG. M51 D25 TU OL	**325tds 2.5 (E36)**	6/93-2/98	2497 ccm	105 kW (143 PS)	80 / 6	EX	PBMW012	11342244815	31,0x6,0x103,5	45	9
	525tds 2.5 (E39)	1/96-2/00						11342246525			
	725tds 2.5 (E38)	3/96-2/00						90511374			
ENG. M41 B17	**318tds 1.7 (E36)**	9/94-2/98	1665 ccm	66 kW (90 PS)	80 / 4			641346			
ENG. M41 D17	**318tds 1.7 (E36)**	9/94-2/98	1665 ccm	66 kW (90 PS)	80 / 4			STC2149			
ENG. M51 D25 TU UL	**325td 2.5 (E36)**	2/96-2/98	2497 ccm	85 kW (115 PS)	80 / 6						
ENG. M41 D18 Mod. E36	**318TDS - Touring**	8/94-	1665 ccm	66 kW (90 PS)	80 / 4						
ENG. M51 D25 OL	**325tds 2.5 (E36)**	6/93-2/98	2497 ccm	105 kW (143 PS)	80 / 6	IN	PBMW011	11342244814	36,0x6,0x103,7	45	9
	525tds 2.5 (E34)	9/91-6/96						11342246524			
ENG. M51 D25 TU OL	**525dts 2.5 (E39)**	1/96-2/00	2497 ccm	105 kW (143 PS)	80 / 6			90511366			
	725dts 2.5 (E38)	3/96-2/00						641041			
ENG. M51 D25 TU UL	**325dt 2.5 (E36)**	2/96-2/98	2497 ccm	85 kW (115 PS)	80 / 6			STC2156			
ENG. M51 D25 UL	**525dt 2.5 (E34)**	12/92-6/96	2497 ccm	85 kW (115 PS)	80 / 6	IN	PBMW013	11342243328	35,9x7,0x103,7	45	9
	325dt 2.5 (E36)	6/91-9/97				EX	PBMW012	11342244815	31,0x6,0x103,5	45	9
	525dt 2.5 (E39)	1/96-9/00						11342246525			
								90511374			
								641346			
								STC2149			
						EX	PBMW014	11342244282	30,9x7,0x103,5	45	9



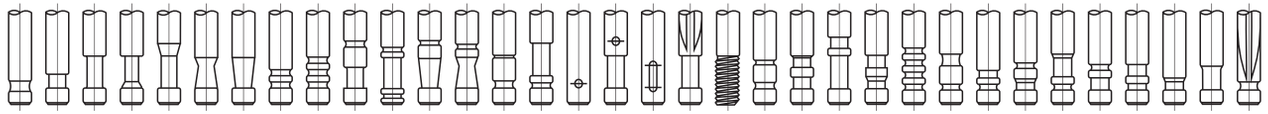
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
BMW DIESEL											
ENG. M57 D25	**525d 2.5 24V (E39)**	3/00-2/04	2497 ccm	120 kW (163 PS)	80 / 6	IN/ EX	PBMW017	11342247077	26,0x6,0x99,9	45	9
ENG. M57 D25 TU	**525d 3.0 24V (E60)**	4/04-9/06	2497 ccm	130 kW (177 PS)	80 / 6			LGH101450			
	525d 2.5 24V (E61)	4/04-9/06									
ENG. M47 D20 OL	**320d 16V (E46)**	4/98-8/01	1951 ccm	100 kW (136 PS)	84 / 4						
	520s 16V (E39)	6/99-5/03									
ENG. M47 D20 TU2 OL	**320d 2.0 16V (E90)**	3/05-7/08	1995 ccm	120 kW (163 PS)	84 / 4						
	320d 2.0 16V (E91)	9/05-8/08									
	520d 2.0 16V (E60)	9/05-8/07									
	520d 2.0 16V (E61)	9/05-8/07									
ENG. M47 D20 TU2 UL Euro 4	**118d 2.0 16V (E87)**	9/04-3/07	1995 ccm	90 kW (122 PS)	84 / 4						
	318d 2.0 16V (E90)	9/05-7/08									
	318d 2.0 16V (E91)	9/05-9/07									
ENG. M47 D20 UL	**318d 2.0 16V (E46)**	9/01-3/03	1951 ccm	85 kW (115 PS)	84 / 4						
ENG. M47 D20TU OL	**320d 16V (E46)**	9/01-2/05	1951 ccm	100 kW (136 PS)	84 / 4						
ENG. M47 D20TU UL	**318d 2.0 16V (E46)**	3/03-5/05	1951 ccm	85 kW (115 PS)	84 / 4						
ENG. M47 D20TU2 OL	**120d 2.0 16V (E87)**	9/04-3/07	1951 ccm	110-120 kW (150-163 PS)	84 / 4						
	320d 2.0 16V (E90)	3/05-7/08									
	320d 2.0 16V (E91)	9/05-8/08									
	520d 2.0 16V (E60)	9/05-8/07									
	520d 2.0 16V (E60) LCI	9/07-9/07									
	520d 2.0 16V (E61) LCI	9/07-9/07									
	X3 2.0d 16V (E83)	9/04-9/06									
	X3 2.0d 16V (E83) LCI	9/06-9/07									
ENG. M57 D30 (135 kW)	**330d 3.0 24V (E46)**	9/99-2/03	2926 ccm	135-142 kW (184-193 PS)	84 / 6						
	530d 3.0 24V (E39)	9/98-5/04									
	730d 3.0 24V (E38)	9/98-7/01									
	X5 3.0d 24V (E53)	4/01-9/03									
ENG. M67 D39	**740d 3.9 32V (E38)**	5/99-7/01	3901 ccm	175-190 kW (238-258 PS)	84 / 8						
	740d 3.9 32V (E65)	9/02-3/05									



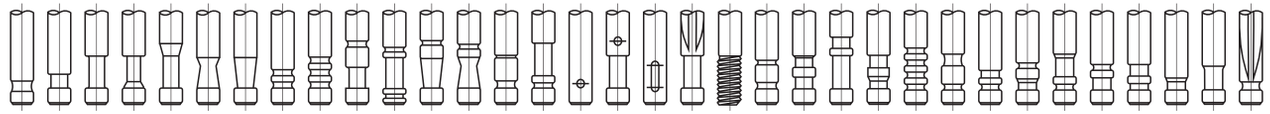
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
BMW DIESEL											
ENG. M47 N204 D4 Euro 4	**318d 2.0 16V (E46)**	3/03-2/05	1995 ccm	85-130 kW (115-177 PS)	84 / 4	IN/ EX	PBMW017	11342247077 LGH101450	26,0x6,0x99,9	45	9
	320d 16V (E46)	9/01-2/05									
	320td 16V (E46)	9/01-2/05									
ENG. M47 N204 D5	**320d 2.0 16V (E91)**	9/05-8/08	1995 ccm	120 kW (163 PS)	84 / 4						
	520d 2.0 16V (E61)	7/05-8/07									
ENG. 204D4	**X3 2.0 D**	03 →	1995 ccm		84 / 4						
	118 2.0 D	03 →									
	120 2.0 D	04 →									
ENG. 306D3-M57N30	**530 D 3.0 24V**	05 →	2993 ccm		84 / 6						
ENG. 306D4-M57N30	**535 D 3.0 24V**	04 →	2993 ccm		84 / 6						
ENG. B37 C15 A	**BMW 2 Active Tourer (F45) 214 d**	07/14 - 02/18	1496 ccm	70 kW (95 PS)	3	IN	PBMW041	11127797711	27,2x5,0x94,0	45	9
						EX	PBMW042	11347797712	24,6x5,0x94,0	45	9
	BMW 2 Active Tourer (F45) 216 d	03/14 →									
	BMW 2 Gran Tourer (F46) 214 d	07/15 - 02/18									
	BMW 2 Gran Tourer (F46) 216 d	08/14 →									
ENG. B37 D15 A	**BMW 1 (F20) 116 d**	03/15 →	1496 ccm	70 kW (95 PS)	3						
ENG. B47 C20 A	**BMW 2 Active Tourer (F45) 218 d**	11/13 →	1995 ccm	100 kW (136 PS)	4						
	BMW 2 Active Tourer (F45) 220 d	03/14 →									
	BMW 2 Gran Tourer (F46) 218 d	07/14 →									
	BMW 2 Gran Tourer (F46) 220 d	09/14 →									
	BMW X1 (F48) sDrive 18 d	11/14 →									



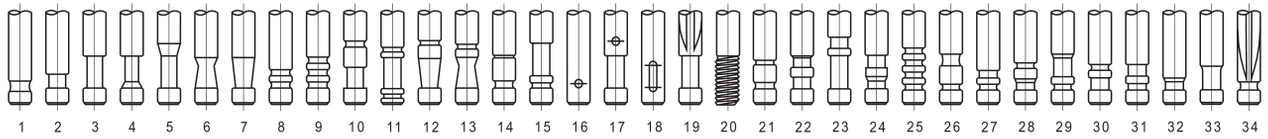
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
BMW DIESEL											
ENG. B47 C20 A	**BMW 1 (F20) 118 d**	03/15 →	1995 ccm	100 kW (136 PS)	4	IN	PBMW041	11127797711	27,2x5,0x94,0	45	9
	BMW 1 (F20) 120 d	03/15 →				EX	PBMW042	11347797712	24,6x5,0x94,0	45	9
	BMW 1 (F21) 120 d	03/15 →									
	BMW 3 (F30, F80) 316 d	05/11 - 06/15									
	BMW 3 (F30, F80) 318 d	07/15 - 10/18									
	BMW 3 (F30, F80) 320 d	04/11 - 06/15									
	BMW 4 coupe (F32, F82) 418 d	03/15 →									
	BMW 4 Gran Coupe (F36) 418 d	07/15 →									
	BMW 5 (F10) 518 d	07/14 - 10/16									
	BMW 5 (F10) 520 d	07/14 - 10/16									
	BMW 5 Touring (F11) 520 d	07/14 - 02/17									
	BMW 5 Touring (F11) 520 d	07/14 - 02/17									
	BMW X3 (F25) sDrive 18 d	04/14 - 08/17									
ENG. B57 D30 A	**BMW 5 (G30, F90) 530 d**	09/16 →	2993 ccm	155 kW (211 PS)	6						
	BMW 5 Touring (G31) 530 d	03/17 →									
	BMW 6 Gran Turismo (G32) 630 d	06/17 →									
	BMW 7 (G11, G12) 730 d	09/15 →									
	BMW X3 (G01) xDrive 30d	07/17 →									



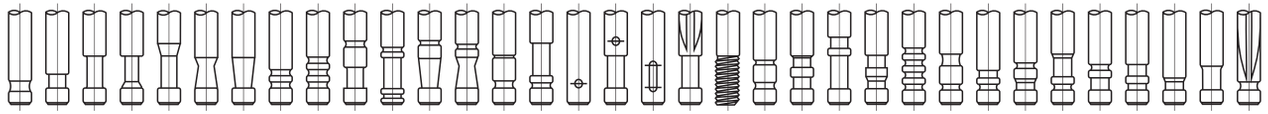
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
BMW DIESEL											
ENG. B57 D30 B	**BMW 5 (G30, F90) 540 d xDrive**	07/17 →	2993 ccm	235 kW (320 PS)	6	IN	PBMW041	11127797711	27,2x5,0x94,0	45	9
						EX	PBMW042	11347797712	24,6x5,0x94,0	45	9
	BMW 5 Touring (G31) 540 d xDrive	07/17 →									
	BMW 6 Gran Turismo (G32) 640 d xDrive	11/17 →									
	BMW 6 Gran Turismo (G32) 640 d xDrive	11/15 →									
ENG. B57 D30 C	**BMW 5 (G30, F90) M 550 d xDrive**	06/17 →	2993 ccm	294 kW (400 PS)	6						
	BMW 5 Touring (G31) M 550 d xDrive	07/17 →									
	BMW 7 (G11, G12) 750 d, Ld xDrive	07/16 →									
ENG. N47 D20 A	**BMW 1 (E81) 116 d**	12/11 →	1995 ccm	66 kW (90 PS)	4						
	BMW 1 (E81) 118 d	12/11 →									
	BMW 1 (E81) 120 d	12/11 →									
	BMW 1 coupe (E82) 120 d	09/07 - 10/13									
	BMW 1 kabriolet (E88) 118 d	09/08 - 12/13									
	BMW 3 (E90) 318 d	02/07 - 03/10									
	BMW 3 (E90) 320 d	09/07 - 03/10									
	BMW 3 Touring (E91) 320 d	02/07 - 12/10									
	BMW 3 coupe (E92) 320 d	09/06 - 02/10									
	BMW 5 Touring (E61) 520 d	03/07 - 05/10									



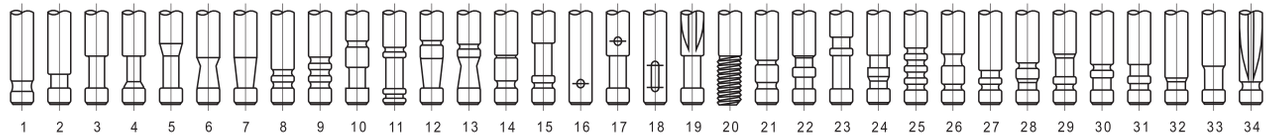
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
BMW DIESEL											
ENG. N57 D30 C	**BMW 5 (F10) M 550 d xDrive**	03/12 - 10/16	2993 ccm	280 kW (381 PS)	6	IN	PBMW041	11127797711	27,2x5,0x94,0	45	9
						EX	PBMW042	11347797712	24,6x5,0x94,0	45	9
	BMW 5 Touring (F11) M 550 d xDrive	03/12 - 02/17									
	BMW 7 (F01, F02, F03, F04) 750 d xDrive	07/12 - 12/15									
	BMW X5 (E70) M 50 d	08/11 - 06/13									
	BMW X5 (F15, F85) M 50 d	12/13 - 07/18									
	BMW X6 (E71, E72) M 50 d	08/11 - 06/14									
	BMW X6 (F16, F86) M 50 d	08/14 →									
BOLINDER-MUNKTELL ..... → VOLVO 576											



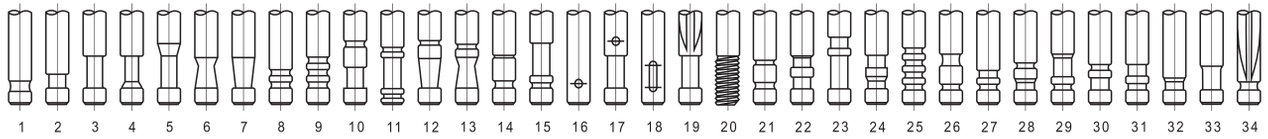
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
BYELARUS DIESEL											
	MTZ 50, 52, 80, 82, 900, 920 **MT3 5MC-5LS Bore** **D 243, D 45** **Tractor AL 110**				4	IN	PBYE001	4753421199 50-100-7014 2401007014B4	47,8x11,0x157,8	45	2
						EX	PBYE002	4753421198 50-100-7015 2401007015B4	41,8x11,0x157,8	45	2
						IN	PBYE007	4753526630	47,8x11,0x157,8	30	2
						EX	PBYE002	4753421198 50-100-7015 2401007015B4	41,8x11,0x157,8	45	2
ENG. Universal	**Tractor AL 100**				4	IN	PBYE003	10302117	41,0x11,0x168,0	45	6
						EX	PBYE004	10302118	37,0x11,0x167,5 Grubość grzybka +0,50 [mm]	45	6
						IN	PBYE005		41,0x11,0x168,0	45	6
						EX	PBYE006		37,0x11,0x167,5	45	6



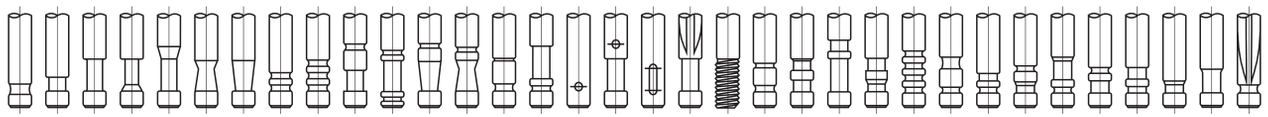
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
CASE DIESEL											
ENG. D 155	**Series V 433, V 533**	66 →	2533 ccm	26-33 kW (35-45 PS)	98,425 / 3	IN	PCAS001	3055055R1	42,9x10,0x146,0	45	1
	Series 353, 383, 423, 433, 440, 453, 500, 503, 533, 540	66 →						3055055R2			
						EX	PCAS002	3055056R1	40,9x10,0x146,0	45	1
								3055056R2			
ENG. D 179	**Series E 633, V 633**	65 →	2933 ccm	36-38 kW (49-52 PS)	98,425 / 3						
	Series 240, 2400, 2454, 3210, 3220, 3400, 454, 464, 484, 4500, 523, 553, 633, 640	65 →									
	Tractor D523-633	65 →									
ENG. D 206	**Series E 733**	65 →	3382 ccm	40-50 kW (54-68 PS)	98,425 / 4						
	Series 100, 221, 258, 3230, 474, 554, 584, 624, 633, 644, 645, 654, 733, 740, 884	65 →									
ENG. D 239	**Series 125**	65 →	3910 ccm	45-67 kW (62-91 PS)	98,425 / 4						
	Series E 833, H 30 B, TD 7 E, TD 8 A, TD 8 B/C	65 →									
	Series 2500, 2544, 2574, 321, 3400, 3500, 3514, 3654, 3800, 421, 431, 452, 4210, 544, 574, 609, 664, 674, 684, 724, 743, 744, 745, 824, 833, 840, 861, 871, 940	65 →									
	Tractor SU 644 HD	65 →									
ENG. D 310	**Series H 50 B**	65 →	5070 ccm	62-79 kW (84-107 PS)	98,425 / 6						
	Series 321, 431, 531, 686, 711, 715, 756, 782, 786, 86, 871, 891, 946, 955	65 →									



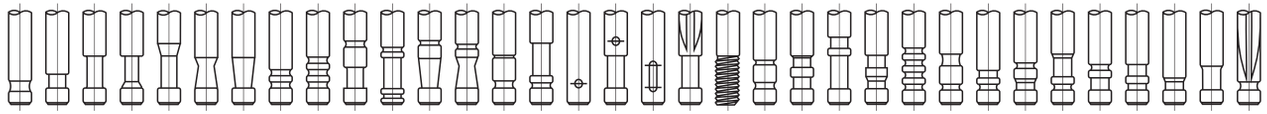
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CASE DIESEL											
ENG. D 358	**Series H 60** **Series 1046, 1055, 1056, 1420, 1594, 2826, 3228, 3288, 3414, 3964, 3965, 3966, 3980, 3984, 515, 520, 531, 541, 630, 640, 826, 844, 886, 8111, 923, 943, 955, 956**	65 → 65 →	5870 ccm	72-104 kW (98-142 PS)	98,425 / 6	IN EX	PCAS001 PCAS002	3055055R1 3055055R2 3055056R1 3055056R2	42,9x10,0x146,0 40,9x10,0x146,0	45 45	1 1
ENG. DT 239	**Tractor 520 A-946 A** **Series TD 8 E, 856**	65 → 72 →	3910 ccm	60-62 kW (82-85 PS)	98,425 / 4						
ENG. DT 358	**Tractor 856 XL** **Series H 65 B/C** **Series 1056, 1246, 1255, 1694, 640, 650, 953**	72 →	5866 ccm	77-100 kW (105-136 PS)	98,425 / 6						
ENG. UD 179	**Series 240, 2400, 454, 464, 484, 4500, 523, 553, 633**	65 →	2933 ccm	50 kW (68 PS)	98,425 / 3						
ENG. UD 310	**Series BTD 5** **Series 165, 2706, 2756, 3820, 431, 531, 616, 622, 686, 706, 756, 871, 891, 95, 946, 955, 9000**	65 →	5070 ccm	90 kW (123 PS)	98,425 / 6						
ENG. UD 358	**Series 1046, 1055, 1056, 1420, 2826, 3288, 3414, 3964,3965, 3966, 3984, 515, 531, 630, 640, 826, 886, 955, 956**	65 →	5866 ccm	104 kW (141 PS)	98,425 / 6						



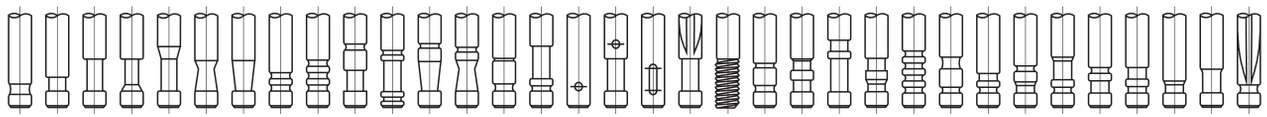
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CASE DIESEL											
ENG. DD 132	**Series 430, 432**	53-63	1631 ccm	22-30 kW (33-40 PS)	82,55 / 4	IN	PCAS003	713384R2	36,0x8,7x147,7	45	33
ENG. DD 66	**Series 212, 214, 215**	56 →	1087 ccm	10 kW (14 PS)	82,55 / 2	EX	PCAS004	713385R2	32,0x8,7x147,7	45	33
ENG. DD 99	**Series 320, 322**	56-63	1275 ccm	15-17 kW (20-24 PS)	82,55 / 3						
ENG. DD 74	**Series 217, 219**	56 →	1217 ccm	12-14 kW (17-19 PS)	87,312 / 2						
ENG. DD 111	**Series 323, 324, 326**	56 →	1825 ccm	17-19 kW (24-26 PS)	87,317 / 3						
ENG. Sisu 320D/420D/620D	**CS 68, 75, 78, 86, 94, 100, 110, 120, 130, 150, CVX 120, 130, 150, 170, 1135, 1145, 1155, 1170, 1190**					IN	PCAS005	162000050703	48,0x9,0x151,6	35	1
						EX	PCAS016	162000050702	41,0x9,0x152,9	45	1
ENG. DD 132 S	**Series 436**	59-65	1631 ccm	32 kW (40 PS)	82,55 / 4	IN	PCAS006	717374R1	36,0x8,7x152,1	45	33
ENG. DU 148	**Series 862**	56 →	2434 ccm	28 kW (39 PS)	87,312 / 4	EX	PCAS007	717375R1	32,0x8,7x152,1	45	33
ENG. DD 148	**Series 436, 438, 439**	59-65	2434 ccm	27 kW (36 PS)	87,317 / 4						
ENG. DT 402	**1255, 1255XL, 1455, 1455XL**					IN	PCAS001	3055055R1 3055055R2	42,9x10,0x146,0	45	1
						EX	PCAS008	3136915R2	41,0x10,0x146,0	45	1
	238, 275, 276, 354, 374, 384, 414, 424, 434, 444					IN	PCAS009	1231516R91 3044174R1	37,3x8,7x148,0	45	1
						EX	PCAS010	3044175R1	30,0x8,7x148,0	45	1



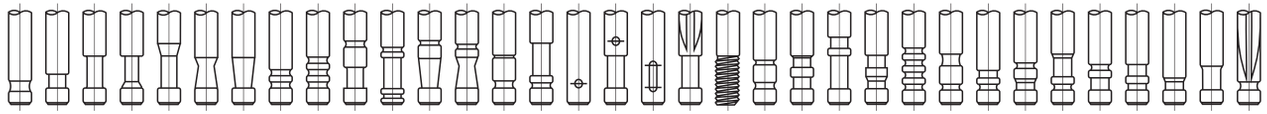
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CASE DIESEL											
ENG. F 4 L 912 D	**Series 3944/3945**	1/73-12/86	3770 ccm	19-59 kW (20-80 PS)	100 / 4	IN	PCAS011	2133731	43,0x8,0x133,0	45	1
ENG. F 6 L 912 D	**Series 3960/3961**	7/73-12/86	5655 ccm	42-92 kW (57-125 PS)	100 / 6			2137301			
								4153773			
								4153629			
								4153631			
						IN	PCAS013	4230567	43,0x8,0x133,0	45	9
								4159138			
								4159136			
						EX	PCAS012	2232717	37,0x8,0x133,0	45	1
								2137300			
								2237221			
								3371762			
								3371776			
								4153696			
								4153697			
								DO155085050			
						EX	PCAS014	4159137	37,0x8,0x133,0	45	9
								4159139			
								4231804			
ENG. OM 942.967 Euro 2/3	**Series 600**	96 →	15928 ccm	370-380 kW (503-516 PS)	130 / 8	IN	PCAS017	5410500226	45,5x9,0x145,0	30	1
								4570530001			
						EX	PCAS018	5410500227	41,0x9,0x145,0	45	1
						EX	PCAS020	4570500327	42,1x9,0x144,9	35	1
								4570500527			
									Zawór dekompresyjny		
							PCAS019	5410500591	17,1x8,0x86,8	45	1
								5410500691			
								5410160791			



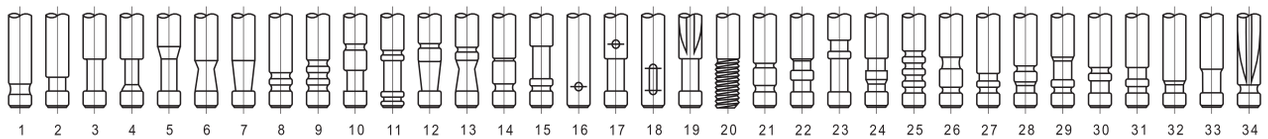
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CATERPILLAR DIESEL											
ENG. 3304T-3304NA **ENG. 3306T-3306NA** **ENG. 3306TA** **ENG. 3406T-3406TA**	**120G-130G-518** **950-955L**	80 →			120,65 4/6	IN	PCAT001	6N9915 7N0572	51,5x9,5x136,5	30	8
	D4D-SA **920-930-941B-951**	80 →						2W2620 1007860			
	D6C-SA-D7G **14G-235-528-571** **572G-627B-637** **814-5-6** **996C-977L**	80 →				EX	PCAT002	6N9916 7N0573 1007861 1487455	48,0x9,5x135,0	30	8
	D5-SA-12G 561C	80 →									
	980 B 16G 245	80 →									
	621B-623B	80 →									
ENG. D330, D333	**D4-D4D-D5-D6C-D7E**				120,65 4/6	IN	PCAT003	5S6452	51,5x9,5x140,0	30	8
ENG. D330C, D333C Turbo	**977-11K-76J** **3304-3306**	59-69	5740 ccm			EX	PCAT004	8N0975 5S7232	48,0x9,5x139,0	30	8
	D7F-980B	59-69						7S6767			
	920-922B-930-944 **950-951B-951C** **955K-966C-12F-14E** **112F-120-140**										
ENG. 3306	**Scrapers 627-637**		10500 ccm								
ENG. 1673C			14600 ccm								
ENG. 3406 Serial 92U1		84 →	14600 ccm		137,16 / 6	IN	PCAT005	1W3859 4N5654 2W2622 1152368	45,0x9,5x181,5	30	8
ENG. 3408 Serial 28V1			18000 ccm		137,16 / 8						
ENG. 3412 Serial 60M1-38S1			29200 ccm		137,16 / 12	EX	PCAT006	1W3860 7N4580 4N5653 1152367	41,8x9,5x181,5	45	8



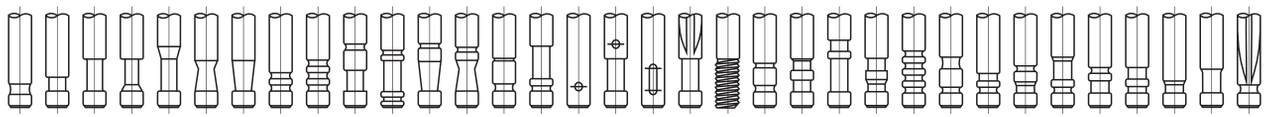
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CATERPILLAR DIESEL											
	988-620-631-641 650-651-657-666 824-824/B-825/B 830-834-835	84 →			137,16 / 6	IN	PCAT007	2M6402 1P0407 1N4885	45,0x9,5x152,0	45	8
						EX	PCAT008	8N3725 1P2629 1E7830 2M6403 7E7830	42,0x9,5x152,0	45	8
ENG. 3204	**45V** **910** **931**				4	IN EX	PCAT009 PCAT010	9N0180 9N0185	48,0x9,5x150,0 45,8x9,5x150,0	30 45	8 8
ENG. 3208	**Serial Nos. 32Y1 → 32Y99999,**		10400 ccm	115-125 kW (150-175 PS)	114,3 / 8	IN	PCAT011	9L7682 9L9851	53,2x9,5x144,7	30	8
	Serial Nos. 51Z1 →		10400 ccm	115-125 kW (150-175 PS)	114,3 / 8	EX	PCAT012	9L7683	45,8x9,5x144,3	45	8
ENG. 1140	**Serial No. 36B1 →**		10400 ccm	115-125 kW (150-175 PS)	114,3 / 8			9N5125			
ENG. 1145	**Serial No. 97B1 →**		10400 ccm	115-125 kW (150-175 PS)	114,3 / 8			1196772			
ENG. 1150	**Serial No. 96B1 →**		10400 ccm	115-125 kW (150-175 PS)	114,3 / 8						
ENG. 1160	**Serial No. 95B1 →**		10400 ccm	115-125 kW (150-175 PS)	114,3 / 8						
ENG. 3208	**Serial No. 40S1 →**		10400 ccm	115-125 kW (150-175 PS)	114,3 / V-8						
ENG. D364-D375 **ENG. D386-D397**	**D7 Serial N. 17A** **D8 Serial N.** **13A-13A1** **14A-14A1-15A** **15A1- 35A1-36A1**	58-69			146,05 4/6	IN	PCAT013	8H1993 7F5310	59,5x12,6x236,0	45	6
						EX	PCAT014	8H1994 7F4784	58,0x12,6x235,0	45	6
	3406, 3406B, 3408, 3412					IN	PCAT029	122-7353 9Y9804	45,0x9,5x181,4	20	8
						EX	PCAT030	101-8314 9Y9803	41,7x9,5x181,5	45	8



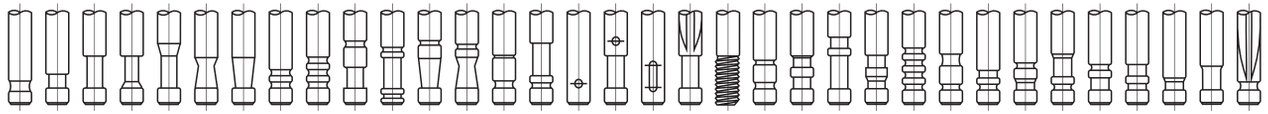
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CATERPILLAR DIESEL											
Marine Eng.	**ENG. Serie 3500**					IN/ EX	PCAT032	7E4609 7C6217 4W1300	56,0x9,5x219,0	30	8
ENG. G 3520 B			5263 ccm	1286 kW (1725 PS)	170,0 / V-20	IN/ EX	PCAT033	210-2542 1047184	56,0x9,5x219,0	20	8
ENG. Serie 3500 Gas Natural Gas Eng.											
ENG. 3508	**3500 Series**		34501 ccm	470 kW (639 PS)	8/170	IN/ EX	PCAT031	104-7184	56,0x9,4x220,0	20	8
ENG. 3508B				566 kW (770 PS)	8/170						
ENG. 3508C											
ENG. 3512			51751 ccm	761 kW (1035 PS)	12/170						
ENG. 3512B				1119 kW (1521 PS)	12/170						
ENG. 3512C				955 kW (1298 PS)	12/170						
ENG. 3516			69002 ccm	1011 kW (1375 PS)	16/170						
ENG. 3516B				1492 kW (2029 PS)	16/170						
ENG. 3516C				1230 kW (1672 PS)	16/170						
ENG. G3508	**G3500 Series**		34501 ccm	391 kW (532 PS)	8/170						
ENG. G3508B				514 kW (599 PS)	8/170						
ENG. G3512			51751 ccm	589 kW (801 PS)	12/170						
ENG. G3512B				772 kW (1050 PS)	12/170						
ENG. G3516			69002 ccm	492 kW (669 PS)	16/170						
ENG. G3516B				1029 kW (1399 PS)	16/170						
ENG. G3520			86252 ccm	1104 kW (1501 PS)	20/170						
ENG. G3520B				1104 kW (1501 PS)	20/170						
CHERY ..... → **SPERANZA/CHERY** **498**											



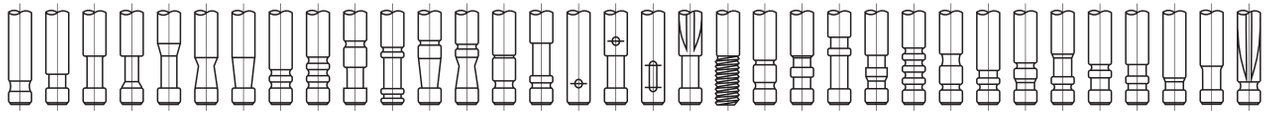
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CHEVROLET BENZYNA											
ENG. B12S1, F12S3	**Aveo 1.2i**	2/06 →	1148 ccm	53 kW (72 PS)	68,5 / 4	IN	PCHE001	94580146	35,7x5,5x110,5	45	1
	Kalos 1.2i	2/05 →						12911-78B00			
ENG. F8CV	**Matiz 0.8i**	2/05 →	796 ccm	37-38 kW (50-52 PS)	68,5 / 3			12911-78B00-000			
	Spark 0.8i	5/05 →				EX	PCHE002	96352793	31,8x5,5x110,3	45	1
ENG. B10S	**Matiz 1.0i**	3/05 →	995 ccm	47 kW (64 PS)	68,5 / 4			94581486			
								12915-78B00-000			
								12915-78B00-222			
								11915A78B01-000			
ENG. A14SMS/A14DMS	**Lanos 1.4i 8V**	5/97 →	1349 ccm	55 kW (75 PS)	76,5 / 4	IN	PCHE003	96182934	38,0x7,0x103,7	45	1
ENG. A15SMS/A15DMS	**Lanos 1.5i 8V**	5/97 →	1498 ccm	63-81 kW (86-110 PS)	76,5 / 4	EX	PCHE004	96182933	31,0x7,0x103,7	45	1
ENG. F14S3	**Aveo 1.4i**	03 →	1399 ccm	61 kW (83 PS)	77,9 / 4	IN	PCHE005	96335947	38,0x6,0x104,0	45	9
	Kalos 1.4i	02 →				EX	PCHE006	96335948	31,0x6,0x104,0	45	9
ENG. F14S3	**Aveo 1.4i 16V**	2/06 →	1399 ccm	69-70 kW (94-95 PS)	77,9 / 4	IN	PCHE007	96440081	28,6x6,0x101,6	45	1
	Kalos 1.4i 16V	2/05 →						96376881			
	Lacetti 1.4i 16V	2/05 →				EX	PCHE008	96440079	27,3x6,0x101,2	45	1
	Nubira 1.4i 16V	2/05 →						96376980			
ENG. A16DMS	**Aveo 1.6i 16V**	9/05 →	1598 ccm	77-80 kW (105-109 PS)	79 / 4	IN	PCHE009	96103129	30,3x6,0x102,4	45	1
	Kalos 1.6i 16V	2/05 →						96182806			
	Lacetti 1.6i 16V	2/05 →				EX	PCHE010	96103130	26,0x6,0x102,0	45	1
	Nubira 1.6i 16V	2/05 →						96182805			
	Rezzo 1.6i 16V	2/05 →									
	Tacuma 1.6i 16V	2/05 →									
ENG. F18N	**Tacuma 1.8i**	00 →	1761 ccm		84,8 / 4	IN	PCHE011	96230591	38,0x6,0x101,4	45	9
						EX	PCHE012	96230595	31,4x6,0x101,2	45	9



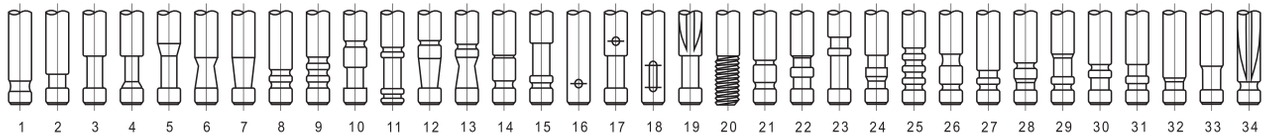
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CHEVROLET BENZYNA											
ENG. X 20 SED, C 20 SED	**Leganza 2.0i 16V**	3/97-12/02	1998 ccm	100-109 kW (136-148 PS)	86 / 4	IN	PCHE013	641022	32,0x6,0x102,1	45	9
	Magnus 2.0i 16V	99 →						90412277			
	New Brougham 2.0i 16V	1/96-2/97						4500849			
	New Prince 2.0i 16V	4/96-2/97				EX	PCHE014	641325	29,0x6,0x92,2	45	9
	Nubira 2.0i 16V	9/97-6/03						90410813			
	Super Saloon 2.0i 16V	97 →						4500864			
ENG. X 22 SE, T 22 SED	**Leganza 2.2i 16V**	9/98-12/02	2198 ccm	100-104 kW (136-141 PS)	86 / 4						
ENG. Z 24 XE	**Captiva 2.4i 16V**	9/06 →	2405 ccm	100-103 kW (136-140 PS)	87,5 / 4						
ENG. T 20 SED	**Tacuma 2.0i 16V**	00 →	1998 ccm	89 kW (121 PS)	86 / 4						
	Epica 2.0i 16V	05 →									
	Mercruiser (Ford) New					IN	PCHE019		49,2x8,67x124,0	45	32
					V6	EX	PCHE020		38,1x8,66x125,0 nadwymiar	45	32
					V8	IN	PCHE021		49,2x9,05x124,0	45	32
						EX	PCHE022		38,1x9,04x125,0	45	32
	Lacetti 1.8 DOHC	06 →	1800 ccm			IN	PCHE033	93333561	31,1x6,0x101,5	45	9
						EX	PCHE034	93333562	27,5x6,0x100,7	45	9
ENG. Z 22 SE	**Astra G 2.2i 16V**	9/02 →	2198 ccm	108 kW (147 PS)	86 / 4	IN	PCHE035	12575793	35,1x6,0x102,3	45	9
								12786696			
								55192156			
								55563529			
								641056			
								641063			
								71739277			
						EX	PCHE036	12597371	30,1x6,0x100,9	45	9
								12791961			
								24454518			
								4805043			
								641373			
								641376			
								641380			
								71739320			



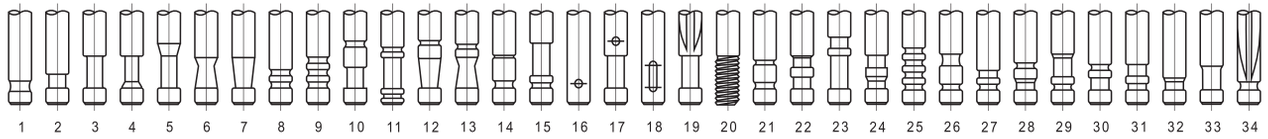
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CHEVROLET BENZYNA											
ENG. C 18 LE	**Espero 1.8** **Nubira 1.8**	2/95-6/99 4/97-5/99	1796 ccm	66-74 kW (90-100 PS)	84,8 / 4	IN	PCHE039	642667 90220119	41,8x7,0x104,2	45	1
ENG. C 20 LE	**Espero 2.0**	10/93-6/99	1998 ccm	77-85 kW (105-116 PS)	86 / 4			90220121			
ENG. C 20 NE	**Espero 2.0i**	9/93-10/94	1998 ccm	85 kW (116 PS)	86 / 4			90295019			
						EX	PCHE040	641306 642829 90323756 90323757	36,5x7,0x103,7	45	1
ENG. G15MF	**Nexia 1.5i**	96 →	1498 ccm	44-59 kW (55-80 PS)	76,5 / 4	IN	PCHE041	90215492	38,0x7,0x101,7	45	1
						EX	PCHE042	96098751 90215491	31,0x7,0x101,7	45	1
ENG. LMU / B12D1	**Chevrolet Aveo / Kalos Liftback (T250, T255) 1.2**	04/08 →	1206 ccm	62 kW (84 PS)	69,7/4	IN	PCHE043	96463002	25,9x5,0x99,1	45	1
						EX	PCHE044	96463003	23,5x5,0x100,0	45	1
	Chevrolet Aveo / Kalos Liftback (T250, T255) 1.2 Lpg	04/08 - 12/11		62 kW (84 PS)							
	Chevrolet Aveo / Kalos Sedan (T250, T255) 1.2	01/08 →		55 kW (75 PS)							
	Chevrolet Aveo / Kalos Sedan (T250, T255) 1.2	01/08 →		62 kW (84 PS)							
	Chevrolet Aveo / Kalos Sedan (T250, T255) 1.2 Lpg	01/09 →		62 kW (84 PS)							
	Chevrolet Spark (M300) 1.203.2010 -	03/10 →		60 kW (82 PS)							
	Chevrolet Spark (M300) 1.2 Lpg03.2010 -	03/10 →		60 kW (82 PS)							



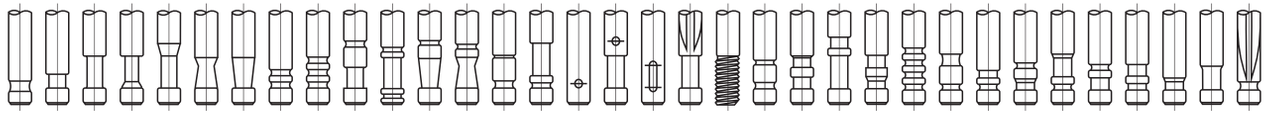
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CHEVROLET BENZYNA											
ENG. LMT / B10D1	**Chevrolet Spark (M300) 1.0**	03/10 →	995 ccm	50 kW (68 PS)	68,5/4	IN	PCHE043	96463002	25,9x5,0x99,1	45	1
						EX	PCHE044	96463003	23,5x5,0x100,0	45	1
	Chevrolet Spark (M300) 1.0 Lpg										
ENG. L2B / L2C	**Chevrolet Cobalt 1.5 16V**	01/13 - 12/15	1485 ccm	79 kW (107 PS)	4	IN	PCHE045	96935785	28,0x5,0x98,5	45	1
	Daewoo Gentra 1.5 16V	05/13 - 09/15				EX	PCHE046	96935787	24,4x5,0x99,2	45	1
	Ravon Gentra 1.5 16V	08/16 →									
	Ravon R4	10/15 →									
	Ravon Nexia R3 1.5 16V	01/15 →									



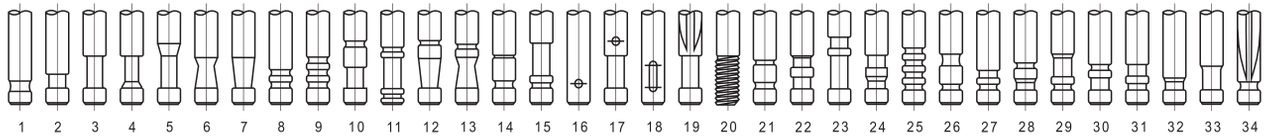
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CHEVROLET DIESEL											
ENG. XUD 9, 162	**Truck Plus**	00 →	1905 ccm			IN	PCHE037	93510415 96005391 LGH10051 LGH10053 0948.59 0948.63 9601136380 9630597380 12911-86CA0 12911-66G00 12832-66G00 22211-29000 50054982	38,5x8,0x112,4	45	1
						EX	PCHE038	93510773 93510774 93501280 93501072 95501280 96005392 96272853 0949.47 0949.59 0949.60 0949.64 0949.74 LGH10052	33,0x8,0x111,9	45	1



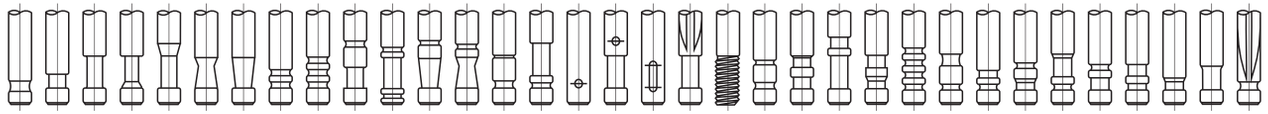
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CHRYSLER BENZYNA											
ENG. C00	**Voyager 16V**		1995 ccm		4	IN	PCHR006		33,2x6,0x115,0	45	1
	Stratus 16V					EX	PCHR007		28,7x6,0x117,0	45	1
ENG. J5R 800	**Jeep CJ-7 2.0**	10/83-12/86	1995 ccm	62 kW (85 PS)	88 / 4	IN	PCHR010	7701460147	43,9x8,0x112,0	30	1
ENG. J6R 711	**Wrangler 2.0**	90 →	1995 ccm	76-81 kW (103-110 PS)				7700635409			
								7700644710			
								7900000680			
								95536524			
								245390-0			
								0948.36			
						EX	PCHR011	7701460143	38,6x8,0x111,4	45	1
								7701460148			
								7700701645			
								7700732119			
								7700644709			
								7700733512			
								95536523			
								0949.38			
						EX	PCHR012	7900000681	37,0x8,0x111,4	45	1
								7910245802			
								7910246494			
								245802-4			
								0949.30			
								0949.32			



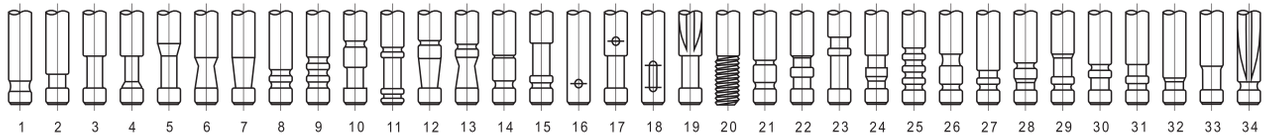
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CHRYSLER BENZYNA											
ENG. ECN	**Sebring (JS) 2.0 VVT**	07/07 - 12/10	1998 ccm	115 kW (156 PS)	4	IN	PCHR019	22211-2G000	35,0x5,5x113,3	45	1
ENG. ED3	**Sebring (JS) 2.4 VVT**	07/07 - 12/10	2360 ccm	125 kW (170 PS)	4			KK05047068AB			
	SebringConvertible (JS) 2.4 VVT	07/07 - 12/10						KK05047068AA			
								KMN187696			
						EX	PCHR020	22212-25002	29,0x5,5x106,0	45	1
								KK05047069AB			
								KK05047069AA			
								KMN183950			



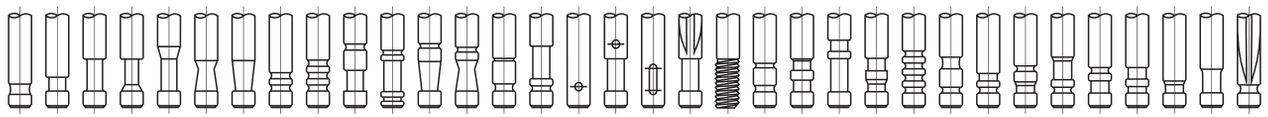
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CHRYSLER DIESEL											
ENG. 425CHIE/CHIEA **ENG. HR92.4SHI**	**Voyager 2.5 TD**	91 →	2499 ccm		92 / 4	IN	PCHR001	V94DD6507AA 60507189	40,0x8,0x121,0	35	1
ENG. VM	**Voyager 2.5 TD**	91-92	2499 ccm		92 / 4			116760330001 20360026 20360026A 2036019 04720146 AEU2296 AEU2296L			
						EX	PCHR002	V94DD6505AA 60504864 60540864 195590330100 116760330101 2037018 04720148 LGH10041 RTC4116	34,0x8,0x121,0	45	1
						EX	PCHR003	20370025 20370025A	34,0x8,0x121,0	45	1
ENG. OM 664	**PT Cruiser 2.2 CRD 16V**	02 →	2151 ccm	89 kW (121 PS)	88 / 4	IN	PCHR008	6110530101 6110530401 05073735AA	30,2x7,0x104,0	45	1
						EX	PCHR009	6110530105 6110500127 05073738AA	28,3x7,0x104,4	45	1
ENG. J8S 708, J8S 890	**Cherokee 2.1 TD**	1/88-11/01	2068 ccm	63-65 kW (86-88 PS)	86 / 4	IN	PCHR013	7700663545	40,3x8,0x111,6	45	1
ENG. J8S 800	**Jeep CJ-7 2.1 TD**	1/88-12/98	2068 ccm	44 kW (60 PS)	86 / 4			7701461338			
ENG. J8S 814	**Cherokee 2.1 TD**	4/84-8/95	2068 ccm	63-65 kW (86-88 PS)	86 / 4			7700692312			
	Comanche 2.1 TD	1/88-12/98						7701462232			
	Wagoneer 2.1 TD	1/88-12/94				EX	PCHR014	7700663546	33,3x8,0x111,6	45	1
	XJ 2.1 TD	4/84-12/87						7701461339			



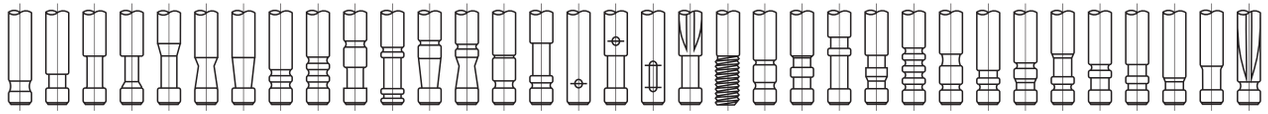
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CHRYSLER DIESEL											
ENG. ECD	**Sebring 2.0 CRD 16V**	07 →	1968 ccm		81 / 4	IN	PCHR015	03G109601B MN980080 68001582AA	29,2x6,0x87,8	45	9
						EX	PCHR016	03G109611D MN980081 68001583AA	25,5x6,0x87,5	45	9
ENG. OM 642.910	**300 C 3.0 CRD 12V**	10/05 →	2987 ccm	160-165 kW (218-224 PS)	83 / 6	IN	PCHR017	6420530401 MN960088 05175396AA	28,6x6,0x102,2	45	9
						EX	PCHR018	6420500527 MN960089 05175397AA	25,4x6,0x102,2	45	9



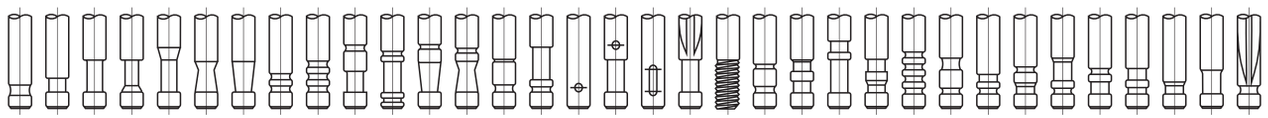
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CITROEN BENZYNA											
ENG. HAZ	**AX 1.1**	10/86-12/89	1124 ccm	1124 ccm	72 / 4	IN	PCIT001	97531080	36,7x7,0x112,8	30	1
ENG. HDY, HDZ	**AX 1.1i**	10/89-6/98	1124 ccm	40-44 kW (54-60 PS)	72 / 4			97533266			
	Berlingo 1.1i	7/96-11/02						9627835680			
	C 15 1.1i	6/89-12/96						0948.58			
	Saxo 1.1i	2/96-9/03				IN	PCIT049	0948.91	36,7x7,0x112,7	45	1
	ZX 1.1i	3/91-6/97						96278356			
ENG. HFX	**Berlingo 1.1i**	6/00 →	1124 ccm	44 kW (60 PS)	72 / 2	EX	PCIT002	97531044	29,2x7,0x112,6	45	1
	C2 1.1i	9/03 →						97533264			
	C3 1.1i	1/02-8/05						9753104480			
	C3 II 1.1i	11/09 →						0949.59			
	Saxo 1.1i	2/96-9/03									
ENG. H1A	**AX 1.1**	10/86-5/92	1124 ccm	40-44 kW (54-60 PS)	72 / 4						
	BX 1.1	6/88-6/91									
	C 15 1.1	7/88-12/96									
	ZX 1.1	3/91-8/96									
ENG. H1B	**AX 1.1**	10/86-5/92	1124 ccm	40-44 kW (54-60 PS)	72 / 4						
	ZX 1.1	3/91-8/96									
ENG. KAY	**AX 1.4**	3/87-12/89	1361 ccm	44 kW (60 PS)	75 / 4						
ENG. KAZ	**BX 1.4**	5/86-6/88	1361 ccm	44-55 kW (60-75 PS)	75 / 4						
	C 15 1.4	7/86-7/87									
	Visa 1.4	7/82-3/91									
ENG. KDX	**AX 1.4i**	1/93-12/96	1361 ccm	55 kW (75 PS)	75 / 4						
	ZX 1.4i	3/91-8/96									
ENG. KFX	**Berlingo 1.4i**	7/96-11/02	1361 ccm	54-55 kW (73-75 PS)	75 / 4						
	C3 1.4i	1/02 →									
	Nemo 1.4i	2/08 →									
	Saxo 1.4i	2/96-9/03									
	Xsara 1.4i	7/97-8/00									
	ZX 1.4i	6/96-10/97									



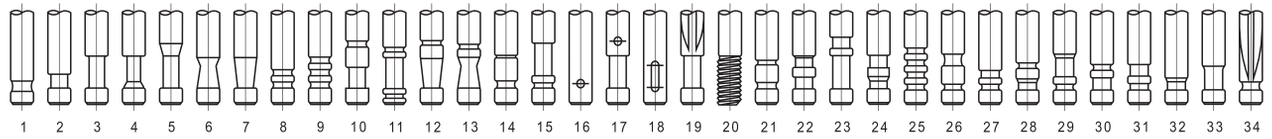
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CITROEN BENZYNA											
	LNA 4 CV	84 →	954 ccm		70 / 4	IN	PCIT003	7701459824	36,8x8,0x113,4	30	1
ENG. A-XY 6 C	**C 15 E**	84-87	1124 ccm	42 kW (57 PS)	70 / 4			7910010826			
	BX 11	82 →	1124 ccm	42 kW (57 PS)	72 / 4			7910025377			
	LNA 11 RE/RS 4/6 CV	83 →	1124 ccm	37 kW (50 PS)	72 / 4			7910025378			
ENG.109/5 F	**Visa Super/Super E/L**	78 →	1124 ccm	37 kW (50 PS)	72 / 4			91506846			
	BX 14 E/TRE	80 →	1361 ccm	41 kW (56 PS)	75 / 4			95551307			
	C15E	86-87						95563504			
	Visa Super X	80 →						0948.38			
ENG. 150 A/C/D/Y	**Visa 14 TRS**	84 →	1361 ccm	41 kW (56 PS)	75 / 4	EX	PCIT004	7701459825	29,3x8,0x113,6	45	1
ENG. 150 B	**Visa GT/Chrono XT**	81 →	1361 ccm	59 kW (80 PS)	75 / 4			7910006855			
								7910025379			
								7910025382			
								7910030808			
								91502062			
								95551308			
								95563505			
								0949.33			
								0949.42			
ENG. D6A, D6C	**BX 1.9i 16V**	7/87-12/92	1905 ccm	116 kW (158 PS)	83 / 4	IN	PCIT005	0948.61	34,6x7,0x106,4	45	9
ENG. DFW	**BX 1.9i 16V**	3/88-3/93	1905 ccm	108 kW (147 PS)	83 / 4			0948.75			
ENG. RFT, RFY	**Xantia 2.0i 16V**	3/93-12/98	1998 ccm	110-114 kW (150-155 PS)	86 / 4			96172597			
	ZX 2.0i 16V	7/92-10/97						91540748			
ENG. RFV	**Evasion 2.0i 16V**	5/98-4/00	1998 ccm	97-100 kW (132-136 PS)	83 / 4	EX	PCIT006	0949.62	29,6x7,0x105,8	45	9
	Xantia 2.0i 16V	7/94-10/00						0949.81			
	XM 2.0i 16V	3/97-6/97						96172795			
	Xara 2.0i 16V	7/97-8/00						91540782			
ENG. LFY, XU 7JP4	**Xantia 1.8i 16V**	95 →	1761 ccm	82 kW (110 PS)	83 / 4						
	Xara 1.8i 16V	96 →									
	Xara Picasso 1.8i 16V	12/99 →									
	ZX 1.8i 16V	1/96 →									



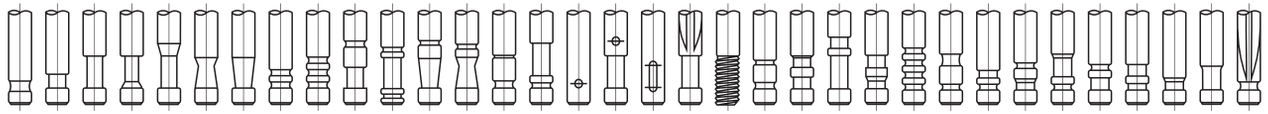
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CITROEN BENZYNA											
ENG. R2A, RDZ	**ENG. R2A, RDZ**	5/89-6/94	1998 ccm	79-85 kW (108-116 PS)	86 / 4	IN	PCIT007	96059361	42,6x8,0x108,8	45	9
ENG. RGX	**Evasion 2.0i Turbo**	6/94-7/02	1998 ccm	108-114 kW (147-155 PS)	86 / 4			9605936180			
	Xantia 2.0i Turbo	3/93-12/98						0948.66			
	XM 2.0i Turbo	5/95-10/00				EX	PCIT008	96147032	34,5x8,0x108,4	45	9
ENG. R5B	**Jumper 2.0**	2/94-2/02	1998 ccm	79 kW (107 PS)	86 / 4			96059362			
ENG. R6D	**Evasion 2.0i**	6/94-7/02	1998 ccm	89-92 kW (121-125 PS)	86 / 4			96117828			
	Jumper 2.0i	2/94-2/02						9614703280			
	Xantia 2.0i	3/93-1/98						9611782880			
	ZX 2.0i	7/93-10/97						0949.66			
ENG. XU 102C, XU 10J2, XU 10J2Z	**XM Ambiance, Harmonie**	89 →	1998 ccm	1998 ccm	86 / 4			0949.72			
ENG. XU 10J2C, XU 10J2TE	**XM 2.0i Turbo**	92-00	1998 ccm	90 kW (123 PS)							
	Xantia SX, VSX 2.0i /Turbo	93 →									
	Evasion X, SX 2.0i /Turbo	94 →									
	Jumper/Combi	94 →									
	ZX Volcane 2.0i	92-97									



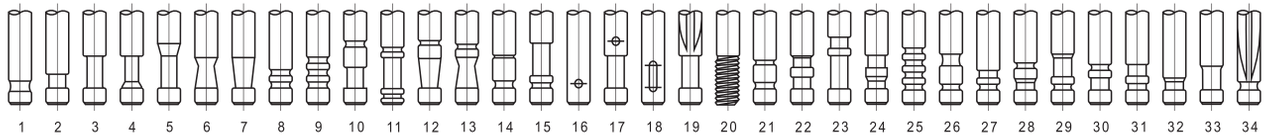
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CITROEN BENZYNA											
ENG. J6TA 500	**CX 2.2**	7/85-12/92	2165 ccm	83-85 kW (113-115 PS)	88 / 4	IN	PCIT009	7701460147	43,9x8,0x112,0	30	1
ENG. 829 A 5	**CX 2000**	7/79-6/82	1995 ccm	75-78 kW (102-106 PS)	88 / 4			7700635409			
	CX 2.0	7/82-12/92						7700644710			
								7900000680			
								95536524			
								245390-0			
								0948.36			
						EX	PCIT010	7701460143	38,6x8,0x111,4	45	1
								7701460148			
								7700701645			
								7700732119			
								7700644709			
								7700733512			
								95536523			
								0949.38			
						EX	PCIT090	7900000681	37,0x8,0x111,4	45	1
								7910245802			
								7910246494			
								245802-4			
								0949.30			
								0949.32			
ENG. BDZ, B2C	**BX 1.6/1.6i**	3/87-12/94	1580 ccm	65-69 kW (88-94 PS)	83 / 4	IN	PCIT016	0948.56	41,6x8,0x108,8	45	1
ENG. B4A	**205 1.6i**	7/96-9/97	1580 ccm	66 kW (90 PS)	83 / 4			0948.87			
	ZX 1.6i	3/91-12/94						91535017			
ENG. B6D	**BX 1.6i**	9/87-2/93	1580 ccm	83-85 kW (113-115 PS)	83 / 4			91537468			
	Visa 1.6i	1/85-3/91						9153501780			
ENG. DDZ, XU 9M	**BX 1.9i**	6/88-12/94	1905 ccm	80 kW (109 PS)	83 / 4	EX	PCIT017	0949.57	34,5x8,0x108,4	45	1
ENG. DFY, DKZ	**BX 1.9i**	6/88-3/93	1905 ccm	88-90 kW (120-122 PS)	83 / 4			91535019			
	ZX 1.9i/1.9i 16V	3/91-10/97						91537470			
ENG. D2A, D2C	**BX 1.9**	7/86-12/93	1905 ccm	70-75 kW (95-102 PS)	83 / 4			9153501980			



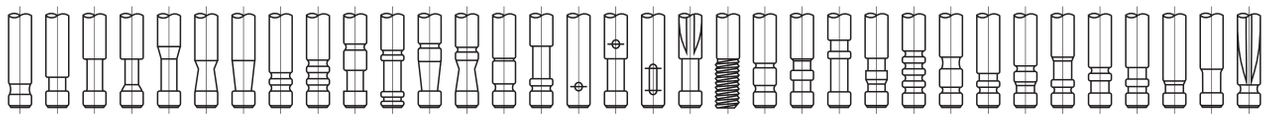
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CITROEN BENZYNA											
ENG. D2E, D2F	**BX 1.9**	7/86-4/91	1905 ccm	78-79 kW (106-107 PS)	83 / 4	IN	PCIT016	0948.56	41,6x8,0x108,8	45	1
ENG. D6E	**BX 1.9i**	9/86-2/93	1905 ccm	93-96 kW (126-131 PS)	83 / 4			0948.87			
	ZX 1.9i	3/91-10/97						91535017			
ENG. LFW	**Evasion 1.8i**	9/96-7/02	1761 ccm	72 kW (98 PS)	83 / 4			91537468			
ENG. LFX	**Berlingo 1.8i**	3/97-11/02	1761 ccm	66 kW (90 PS)	83 / 4			9153501780			
	Xantia 1.8i	4/97-12/01				EX	PCIT017	0949.57	34,5x8,0x108,4	45	1
	Xsara 1.8i	7/97-8/00						91535019			
ENG. LFZ	**Evasion 1.8i**	9/96-7/02	1761 ccm	74-76 kW (101-103 PS)	83 / 4			91537470			
	Xantia 1.8i	3/93-1/98						9153501980			
	Xsara 1.8i	7/97-8/00									
	ZX 1.8i	7/92-10/97									
ENG. XU 5M	**ZX 1.6i**	3/91-12/94	1581 ccm	65 kW (88 PS)	83 / 4						
ENG. XU 5M	**ZX 1.6i**	3/91-12/94	1581 ccm	65 kW (88 PS)	83 / 4						
ENG. XU 52C (65 kW)	**BX 1.6i**	7/86-10/89	1581 ccm	65-68 kW (88-92 PS)	83 / 4						
ENG. XU 10J2U	**Jumper 2.0i**	94 →	1998 ccm	80 kW (109 PS)	86 / 4						
ENG. 159A (XU 9S)	**BX 19 TRI**	84-86	1905 ccm	75 kW (102 PS)	83 / 4	IN	PCIT018	91518971	39,5x8,0x105,2	45	1
								0948.54			
						EX	PCIT019	91518972	33,0x8,0x105,2	45	1
								0949.54			
ENG. XM 7T	**C 25 1.8**	81 →	1796 ccm	55-60 kW (75-82 PS)	84 / 4	IN	PCIT020	0948.33	42,6x8,0x118,6	30	1
ENG. XN 1T	**C 25 2.0**	81 →	1971 ccm	58-60 kW (79-82 PS)	88 / 4			0948.55			
								0948.29			
								0948.34			
								91510548			
								7910029730			
								9603170980			
								9151054880			
						EX	PCIT021	0949.27	35,5x8,0x112,2	45	1
								0949.55			
								0949.56			
								91520847			
								7910028074			
								9609491380			



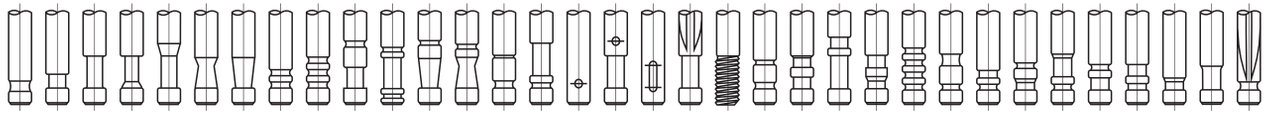
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CITROEN BENZYNA											
ENG. NFX (TU5J4)	**Saxo 1.6i VTS 16V**	96 →	1587 ccm	87 kW (118 PS)	78,5 / 4	IN	PCIT022	96254648 0948.83	28,8x6,0x104,4	45	1
						EX	PCIT023	96254645 0949.89	24,5x6,0x104,4	45	1
ENG. CDY, CDZ	**AX 1.0i** **Saxo 1.0i**	7/92-12/98 2/96-9/03	954 ccm	33-37 kW (45-50 PS)	70 / 4	IN	PCIT024	97531079 0948.57	34,7x7,0x112,8	30	1
ENG. C1A	**AX 1.0** **C 15 1.0**	10/86-6/92 7/88-12/97	954 ccm	32-34 kW (44-46 PS)	70 / 4	EX	PCIT025	97531046 0949.58	27,7x7,0x112,6	45	1
ENG. 108 C	**C 15 1.0** **LNA 1.0** **Visa 1.0**	11/86-7/88 7/82-4/85 2/84-3/91	954 ccm	30-32 kW (41-44 PS)	70 / 4						
ENG. TU 9M	**A10 E, 10RE** **Audace, Escape**	93 → 86 →	954 ccm	33-37 kW (45-50 PS)	70 / 4						
ENG. NFU (TU5 JP4)	**Berlingo 1.6i 16V** **C2 1.6i 16V** **C3 1.6i 16V** **C4 1.6i 16V** **Xara 1.6i 16V** **Xara Picasso 1.6i 16V**	00 → 03 → 03 → 04 → 00 → 00 →	1587 ccm	80 kW (109 PS)	78,5 / 4	IN	PCIT026	0948.A9 0948.E0 9636298080	31,2x6,0x103,8	45	1
						EX	PCIT027	0949.A8 0949.C5 9639417980	24,5x6,0x104,4	45	1
ENG. LFY (XU 7JP4)	**Xantia 1.8i 16V** **Xara 1.8i 16V** **Xara Picasso 1.8i 16V** **ZX 1.8i 16**	6/95-12/01 7/97-8/00 12/99 → 1/96-2/98	1761 ccm	82 kW (111 PS)	83 / 4	IN	PCIT028	9628943380 96289433 0948.86 0948.92	34,6x6,0x106,4	45	1
ENG. RFV (XU 10J4R)	**Evasion 2.0 16V** **Xantia 2.0i 16V** **XM 2.0i 16V** **Xara 2.0i 16V** **ZX 2.0i 16V**	5/98-4/00 6/95-4/03 5/94-10/00 7/98-9/00 96 →	1998 ccm	97-99 kW (132-135 PS)	86 / 4	EX	PCIT029	9629861180 0949.92 0949.A6 96298611	29,6x6,0x105,8	45	1



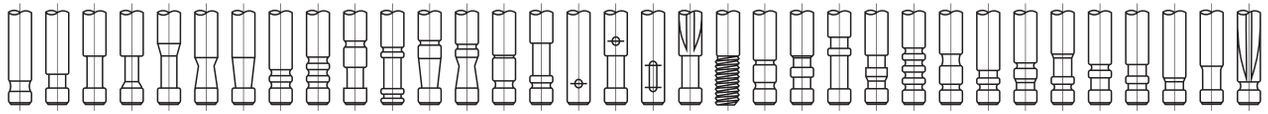
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CITROEN BENZYNA											
ENG. RFJ	**C4 2.0i 16V**	11/04 →	1997 ccm	103 kW (140 PS)	85 / 4	IN	PCIT030	9623950380	33,3x6,0x106,2	45	1
	C4 Picasso 2.0i 16V	10/06 →						0948.99			
	C4 Grand Picasso 2.0i 16V	10/06 →				EX	PCIT031	9636001780	29,0x6,0x103,6	45	1
								0949.99			
	C5 2.0i 16V	10/04 →									
	Jumpy 2.0i 16V	1/07 →									
ENG. RFN (EW10 J4), EW10 A	**C4 2.0i 16V**	11/04 →	1997 ccm	103 kW (140 PS)	85 / 4						
	C5 2.0i 16V	3/01 →									
	C8 2.0i 16V	6/02 →									
	Evasion 2.0i 16V	4/00-7/02									
	Jumpy 2.0i 16V	4/00 →									
	Xara 2.0i 16V	9/00 →									
	Xara Picasso 2.0i 16V	3/01 →									
ENG. KFV	**C2 1.4i**	9/03 →	1361 ccm	54 kW (73 PS)	75 / 4	IN	PCIT036	96183535	39,4x7,0x111,7	30	9
	C3 1.4i	1/02-8/05						96101886			
	C3 Pluriel 1.4i	5/03 →						0948.73			
ENG. KFW	**Berlingo 1.4i**	6/00 →	1361 ccm	55 kW (75 PS)	75 / 4			0948.65			
	Saxo 1.4i	2/96-9/03				EX	PCIT037	96096852	31,3x7,0x111,5	45	9
	Xara 1.4i	9/00 →						96101887			
ENG. TU 5JP	**Saxo 1.6i**	96 →	1587 ccm	65-74 kW (88-101 PS)	78,5 / 4			0949.70			
	Xsara/Xsara Picasso 1.6i	97 →									
ENG. TU 3FJ2	**AX XSi/GTi; AX Allure**	91 →	1361 ccm	69 kW (94 PS)	75 / 4						
ENG. TU 5JP	**Saxo 1.6i**	2/96-9/03	1587 ccm	66 kW (90 PS)	78 / 5	IN	PCIT040	0948.93	39,3x7,0x111,7	45	9
	Xara 1.6i	7/97-8/00				EX	PCIT037	96096852	31,3x7,0x111,5	45	9
	Xsara Picasso 1.6i	12/99 →						96101887			
	ZX 1.6i	2/96-10/97						0949.70			
EN G. RFS, XU 10J4RS	**Xsara 2.0i 16V**	7/97-8/00	1998 ccm	120-123 kW (163-167 PS)	86 / 4	IN	PCIT041	0948.82	34,1x6,0x106,4	45	1
	ZX 2.0i 16V	9/96-10/97						96246139			
						EX	PCIT042	0949.87	30,7x6,0x105,3	45	1
								96203976			



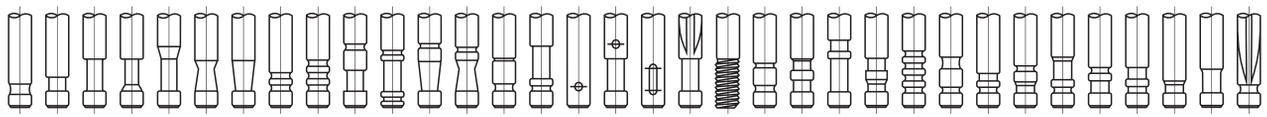
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CITROEN BENZYNA											
EN G. D2A, XU 92C	**BX 19** **BX Break 19**	7/86-5/89 7/86-12/94	1905 ccm	75-77 kW (102-105 PS)	83 / 4	IN	PCIT047	91537489 0948.62 0948.71	41,6x8,0x105,2	45	1
						EX	PCIT048	91537491 0949.78 0949.63	34,5x8,0x104,8	45	1
ENG. 220 A2.000	**Jumpy 1.6**	95 →	1581 ccm	58 kW (79 PS)	86,4 / 4	IN	PCIT050	7617500 96700315	39,5x8,0x108,5	45	1
						EX	PCIT051	4315062 5973128 4239918 4314869 4190307 4286929	31,0x8,0x109,0	45	1
	Ami Super	73 →	1015 ccm		74 / 4	IN	PCIT052	GX0121401-A 5457480K	39,0x8,0x97,5	30	9
	Axel 11 R **GSA 6 CV-GS-Break-** **-Speciale**	77 →	1129 ccm		74 / 4	EX	PCIT053	GX0121601-A 5457481W	34,0x8,5x96,4	45	9
	GS 1200-GS 1220-Break	72-80	1222 ccm		77 / 4						
ENG. 28, 602	**Ami 6/8**	68-79			74 / 2	IN	PCIT054	AM124-7E	40,0x8,0x88,5	30	9
	2CV 6 Special/Club	68 →						5-421996			
	Acadiane	68 →						5457475			
ENG. R 06/627	**LN**	76 →	602 ccm	24 kW (32 PS)	74 / 2	EX	PCIT055	AM124-8D	34,0x8,5x87,0	45	9
ENG. AYB	**Dyane 6**	68 →	602 ccm	19 kW (26 PS)	74 / 2			5457476			
	Mehari 4x2/4x4/Azur	68 →									



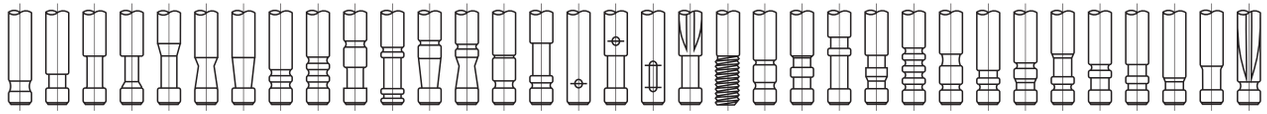
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CITROEN BENZYNA											
	CX 2000	74 →	1995 ccm	75 kW (102 PS)	86 / 4	IN	PCIT056	DX124-7A	49,0x8,0x116,4	30	9
	CX 2000 Break/Confort	74 →						95562253			
	CX 2000 Pallas/Super							5467121			
	Cx 20 RE/TRE	7/82 →						5422630			
ENG. M20/616	**C 35**	79 →	1995 ccm	75 kW (102 PS)	86 / 4	EX	PCIT057	DX124-8	39,0x9,0x104,2	45	9
ENG. M350/370/450	**DS 21/Break/Pallas**	69 →	2175 ccm	74-89 kW (100-120 PS)	90 / 4			95562254			
ENG. M22/621	**CX 2200 Break/Confort**	75 →	2175 ccm	89 kW (120 PS)	90 / 4			5411684			
	CX 2200 Pallas/Super										
ENG. M23/623	**DS 23/23 Inj.**	72-75	2347 ccm	85-100 kW (115-130 PS)	93,5 / 4						
ENG. M23/622	**CX 2400 Break/Familiane**	76 →	2347 ccm	85 kW (115 PS)	93,5 / 4						
	CX 2400 Pallas/Super										
ENG. M23/658	**CX 2400 Prestige/GTi**	76 →	2347 ccm	94 kW (128 PS)	93,5 / 4						
ENG. AYA 2	**Dyane 4**	68-75	435 ccm	18 kW (24 PS)	68,5 / 2	IN	PCIT058	5435070Y	39,0x8,0x89,8	30	9
	Dyane 4 2CV, Special	75 →						5457490			
ENG. A79-1	**2CV ALZ4**	70 →	435 ccm	18 kW (24 PS)	68,5 / 2	EX	PCIT059	5435075	34,0x8,5x88,5	45	9
								5435075C			
								5457491			
ENG. EW7J	**C4 Picasso 1.8i 16V**	10/06 →	1749 ccm	92 kW (125 PS)	82,7 / 4	IN	PCIT068	0948.A4	29,8x6,0x106,0	45	1
	C4 Grand Picasso 1.8i 16V	10/06 →				EX	PCIT069	0949.A4	27,2x6,0x104,2	45	1
	C5 1.8i 16V	11/05 →									
ENG. EW7A	**C5 1.8i 16V**	2/08 →	1749 ccm	85 kW (116 PS)	82,7 / 4						
ENG. LFY	**Xantia 1.8i 16V**	6/95-12/01	1761 ccm	82 kW (111 PS)	82,7 / 4						
	Xara 1.8i 16V	7/97-8/00									
	Xara Picasso 1.8i 16V	12/99 →									
	ZX 1.8i 16V	1/96-2/98									
EN G. 6 FZ	**C5 1.8i 16V**	3/01 →	1761 ccm	86 kW (117 PS)	82,7 / 4						
	Xara Picasso 1.8i 16V	1/00 →									



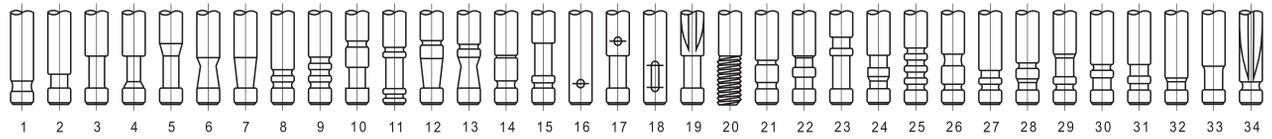
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CITROEN BENZYNA											
ENG. RFK	**C4 2.0i 16V**	11/04 →	1997 ccm	130 kW (177 PS)	85 / 4	IN	PCIT070	0948.A7	32,4x6,0x105,0	45	1
ENG. RLZ, EW10J4	**C5 2.0 HPi 16V**	3/01-9/04	1997 ccm	100-105 kW (136-143 PS)	85 / 4			0948.C6			
						EX	PCIT071	0949.A7 0949.C2	29,2x6,0x102,6	45	1
ENG. XFX (ES9 J4S)	**C5 3.0i 24V**	3/01-9/04	2946 ccm	150 kW (204 PS)	87 / 6	IN	PCIT074	0948.A5	35,0x6,0x108,4	45	1
ENG. XFW	**C8 3.0i 24V**	10/02 →	2946 ccm	155 kW (211 PS)	87 / 6			9630441380			
						EX	PCIT075	0949.A5 9640181380	30,5x6,0x106,9	45	1
ENG. ET3J4 (KFU)	**Citroën C2 (Jm_) 1.4 16V** **Citroën C3 I (Fc_, Fn_) 1.4 16V** **Citroën C4 I (Lc_) 1.4 16V** **Citroën C4 Coupe (La_) 1.4 16V**		1360 ccm	65 kW (90 PS)	4/75	IN	PCIT093	0948.C8	28,2x5,5x100,7	45	9
						EX	PCIT094	0949.C4	24,4x5,5x101,0	45	9
ENG. EP6CDT (5FN)	**Citroën C5 III (RD_) 1.6 THP 150**	07/10 →	1598 ccm	110 kW (150 PS)		IN	PCIT097	0948.E8	28,8x5,0x105,8	45	9
						EX	PCIT098	0949.E2	26,0x5,0x110,1	45	9
	Citroën C5 III Break (RW_) 1.6 THP 150	04/09 →									
	Citroën DS3 kabriolet 1.6 THP 150	01/13 - 07/15									



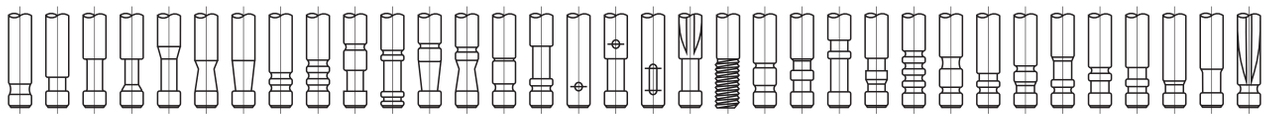
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CITROEN BENZYNA											
ENG. EP6CDT (5FV)	**Citroën C4 II (B7) 1.6 Thp 155**	11/09 →	1598 ccm	115 kW (156 PS)		IN	PCIT097	0948.E8	28,8x5,0x105,8	45	9
						EX	PCIT098	0949.E2	26,0x5,0x110,1	45	9
	Citroën C4 Picasso I nadwozie wielkopojemne (MPV) (UD_) 1.6 THP 155	09/10 - 08/13									
	Citroën C4 Picasso II 1.6 THP 155	02/13 →									
	Citroën C4 Grand Picasso I (UA_) 1.6 THP 155	09/10 - 08/13									
	Citroën C4 Grand Picasso II 1.6 THP 155	09/13 →									
	Citroën C5 III (RD_) 1.6 THP 155	04/09 →									
	Citroën C5 III Break (RW_) 1.6 THP 155	04/09 →									
	Citroën DS3 kabriolet 1.6 THP 155	01/13 - 07/15									
	Citroën DS4 1.6 THP 155	04/11 - 07/15									
	Citroën DS5 1.6 THP 155	11/11 - 07/15									
ENG. EP6CDTX (5FU)	**Citroën DS3 1.6 Racing**	02/11 - 07/15	1598 ccm	147 kW (200 PS)							
ENG. EP6DT (5FR)	**Citroën DS3 1.6 THP 155**	04/10 - 07/15	1598 ccm	115 kW (156 PS)							



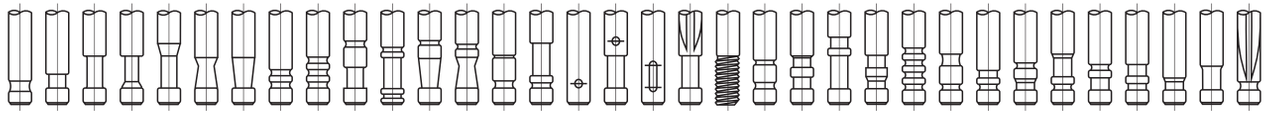
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CITROEN DIESEL											
ENG. AJZ (XUD7TEY), A8A	**BX 1.8 TD**	2/98-12/94	1769 ccm	66 kW (90 PS)	80 / 4	IN	PCIT011	93510415	38,5x8,0x112,4	45	1
ENG. WJZ Euro 2, WJC Euro 2	**Berlingo 1.9 D** **Jumpy 1.9 D** **Xara 1.9 D**	7/98-11/02 10/98 → 4/98-8/00	1868 ccm	51-52 kW (69-71 PS)	82,2 / 4			96005391 LGH10051 LGH10053			
ENG. DW8 TD	**Berlingo 1.9 TD** **Jumpy 1.9 TD**	9/98 → 9/98 →	1868 ccm	66-68 kW (90-92 PS)	82,2 / 4			0948.59 0948.63			
ENG. WJY Euro 2	**Berlingo 1.9 D** **C 15 1.9 D** **Jumpy 1.9 D** **Xara 1.9 D**	7/98-6/03 12/00-12/05 9/01-6/03 9/00 →	1868 ccm	44-52 kW (60-71 PS)	82,2 / 4			9601136380 9630597380 12911-86CA0 12911-66G00			
ENG. D9B (XUD9A)	**Berlingo 1.9 D** **BX 1.9 D** **C 25 1.9 D** **Jumper 1.9 D** **Jumpy 1.9 D** **Xantia 1.9 D** **ZX 1.9 D**	7/96-11/02 9/83-12/94 7/87-3/94 2/94-2/02 10/95 → 7/93-1/98 3/91-10/97	1905 ccm	51 kW (70 PS)	83 / 4	EX	PCIT012	12832-66G00 22211-29000 50054982 93510773 93510774 93501280 93501072	33,0x8,0x111,9	45	1
ENG. DHY (XUD9TEY), DHV	**BX 1.9 TD** **Evasion 1.9 TD** **Jumper 1.9 TD** **Xantia 1.9 TD** **Xara 1.9 TD** **ZX 1.9 TD**	3/88-12/94 10/94-7/02 8/97-2/02 7/93-1/98 7/97-8/00 7/92-10/97	1905 ccm	66-68 kW (90-92 PS)	83 / 4			95501280 96005392 96272853 0949.47 0949.59 0949.60			
ENG. DHW	**Xantia 1.9 TD** **Xara 1.9 TD**	9/96-12/01 1/98-8/00	1905 ccm	55 kW (75 PS)	83 / 4			0949.64 0949.74			
ENG. D8A	**Xara 1.9 TD** **ZX 1.9 TD**	7/97-8/00 7/92-10/97	1905 ccm	66-68 kW (90-92 PS)	83 / 4			LGH10052 LGH10054			
ENG. DHX, D8B, D8C	**Evasion 1.9 TD** **Jumper 1.9 TD** **Jumpy 1.9 TD** **Xantia 1.9 TD**	10/94-7/02 2/94-2/02 10/95 → 7/93-12/01	1905 ccm	66-68 kW (90-92 PS)	83 / 4			LGH10075 9613736280 9751669380 12915-86CA0 12915-66G00 22212-29000 50060609 6005392			



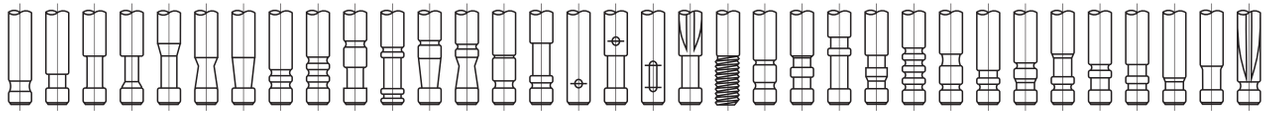
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CITROEN DIESEL											
ENG. 161 A, A9A (XUD7)	**Berlingo 1.8 D** **BX 1.8 D** **C 15 1.8 D** **Visa 1.8 D** **Xara 1.8 D** **ZX 1.8 D**	7/96-11/02 7/85-9/93 7/86-12/97 4/84-3/91 7/97-8/00 3/91-10/97	1769 ccm	44 kW (60 PS)	80 / 4	IN IN	PCIT013 PCIT011	0948.46 93501279 93501070 93510415 96005391 LGH10051	38,0x8,0x112,4 38,5x8,0x112,4	30 45	1 1
ENG. D9A, 162 (XUD9)	**BX 1.9 D**	9/83-12/94	1905 ccm	47-48 kW (64-65 PS)	83 / 4			LGH10053			
ENG. DJY (XUD9AY)	**Berlingo 1.9 D** **BX 1.9 D** **Jumper 1.9 D** **Xantia 1.9 D** **Xara 1.9 D** **ZX 1.9 D**	7/96-11/02 3/87-2/93 1/99-2/02 5/94-1/98 7/97-8/00 5/94-10/97	1905 ccm	50-52 kW (68-71 PS)	83 / 4			0948.59 0948.63 9601136380 9630597380 12911-86CA0 12911-66G00			
ENG. DJZ (XUD9Y)	**BX 1.9 D** **Xantia 1.9 D** **ZX 1.9 D**	1/89-12/94 5/94-1/98 3/91-4/94	1905 ccm	47-48 kW (64-65 PS)	83 / 4	 EX	 PCIT012	12832-66G00 22211-29000 50054982 93510773 93510774 93501280 93501072 95501280 96005392 96272853 0949.47 0949.59 0949.60 0949.64 0949.74 LGH10052 LGH10054 LGH10075 9613736280 9751669380 12915-86CA0 12915-66G00 22212-29000 50060609 6005392	 33,0x8,0x111,9	 45	 1



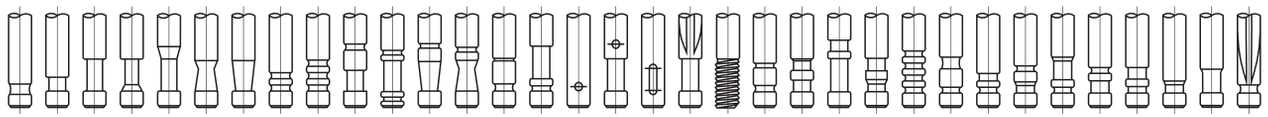
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CITROEN DIESEL											
ENG. THZ (DJ5 T), T8A	**Jumper 2.5 TD**	2/94-2/02	2446 ccm	76 kW (103 PS)	92 / 4	IN	PCIT014	96095457	36,9x7,0x127,9	45	9
ENG. DJ5 TED	**Jumper 2.5 TDi**	96-02	2446 ccm	76-79 kW (103-107 PS)	92 / 4			97327262			
ENG. T9A (DJ5)	**Jumper 2.5 D 12V**	2/94-2/02	2446 ccm	63 kW (86 PS)	92 / 4			0948.72			
ENG. DK5-ATE	**XM 2.5 TD 12V VSX**	95 →	2446 ccm	94-96 kW (128-130 PS)	92 / 4	EX	PCIT015	96304239 96096146 0949.79	36,9x7,0x127,5	45	9
ENG. 8 HT	**C1 1.4 HDi**	6/05 →	1398 ccm	40 kW (54 PS)	73,7 / 4	IN	PCIT032	1145933	32,8x5,5x97,5	45	9
ENG. 8 HX, 8 HZ	**C2/C3 1.4 HDi**	1/02 →	1398 ccm	50 kW (68 PS)	73,7 / 4			1152191			
	C3 Pluriel 1.4 HDi	10/03 →						0948.C2			
	C3 II 1.4 HDi	11/09 →						Y401-12-111			
	Nemo 1.4 HDi	2/08 →						SU00100551			
	Xsara 1.4 Hdi	1/03 →				EX	PCIT033	1145932 1152190 1202362 0949.B1 Y401-12-121 SU00100552	30,2x5,5x97,5	45	9
ENG. K9A (TUD 3)	**AX 1.4 D**	9/88-6/92			75 / 4	IN	PCIT034	95638449	35,5x7,0x108,4	45	1
ENG. K9Y (TUD 3Y)	**AX/ZX 1.4 D**	8/91-12/97	1361 ccm	37-39 kW (50-53 PS)	75 / 4			96012815 0948.69			
						EX	PCIT035	95638450 96012816 0949.71	30,6x7,0x108,2	45	1
ENG. RHV	**Jumper 2.0 HDi**	3/01 →	1997 ccm	63-68 kW (86-92 PS)	85 / 4	IN	PCIT038	0948.95	35,6x6,0x107,1	45	9
ENG. RHY (DW10 TD)	**Berlingo/Jumpy 2.0 HDi**	12/99 →	1997 ccm	66 kW (90 PS)	85 / 4			9624774280			
	C5 2.0 HDi	3/01-9/04				EX	PCIT039	0949.96	33,8x6,0x107,1	45	9
	Xantia 2.0 HDi	10/98-12/01						9624774580			
	Xara/Xara Picasso 2.0 HDi	1/00 →									



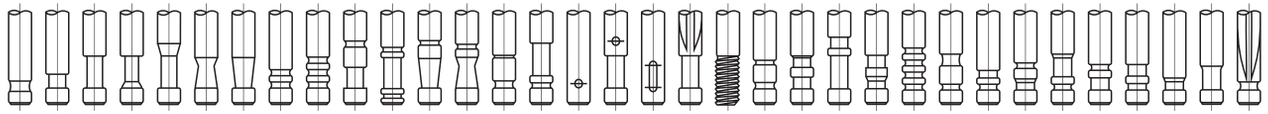
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CITROEN DIESEL											
ENG. RHZ (DW10 ATED), RHX	**C5 2.0 HDi**	3/01-9/04	1997 ccm	80-81 kW (109-110 PS)	85 / 4	IN	PCIT038	0948.95	35,6x6,0x107,1	45	9
	Evasion/Jumper 2.0 HDi	9/98-7/02						9624774280			
	Jumpy 2.0 HDi	10/99 →				EX	PCIT039	0949.96	33,8x6,0x107,1	45	9
	Xantia 2.0 HDi	10/98-12/01						9624774580			
	Xara/Xara Picasso 2.0 HDi	12/99 →									
ENG. RHS	**C5 2.0 HDi**	4/99 →	1997 ccm	79 kW (107 PS)	85 / 4						
ENG. DW12TED	**Jumper 2.2 HDI**		2179 ccm		85 / 4						
ENG. P8C (XUD 11BTE)	**Evasion 2.1 TD 12V**	4/96-7/02				IN	PCIT043	0948.68	33,9x8,0x122,3	45	9
	Xantia 2.1 TD 12V	5/95-12/01						96008334			
	XM 2.1 TD 12V	7/94-10/00						96007817			
ENG. XUD 11ATE/BTE	**XM 2.1 D/TD 12V**	89 →	2088 ccm	80-81 kW (109-110 PS)	85 / 4			9600781780			
	Ambiance/Harmonie 2.1	89 →				EX	PCIT044	0949.68	33,9x8,0x121,9	45	9
D12 3V	**ENG. XUD 11A**	89 →	2138 ccm	60 kW (82 PS)	86 / 4			96079213			
								96042957			
								9604295780			
ENG. TUD 5	**AX 1.5 D**	8/94-12/97	1527 ccm	40-42 kW (54-57 PS)	77 / 4	IN	PCIT045	96150145	37,0x7,0x108,4	45	1
	Saxo 1.5 D	7/96-9/03						0948.74			
	Xara 1.5 D	7/97-8/00						0948.A8			
	ZX 1.5 D	9/96-10/97				EX	PCIT046	13201-6F900	31,5x7,0x108,2	45	1
								96150144			
								0949.80			
								13202-6F900			



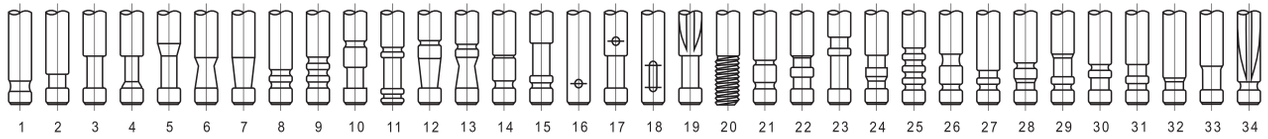
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CITROEN DIESEL											
ENG. 9 HW (DV6TED4)	**Berlingo 1.6 HDi 16V**	9/05 →	1560 ccm	55 kW (75 PS)	75 / 4	IN	PCIT076	0948.C7	25,6x5,5x96,4	45	9
ENG. 9HX (DV6TED4)	**Berlingo 1.6 HDi 16V**	9/05 →	1560 ccm	66 kW (92 PS)	75 / 4			1229882			
	C3 1.6 HDi 16V	9/05 →						30711498			
	C3 Picasso 1.6 HDi 16V	11/08 →						9645024780			
	C4 1.6 HDi 16V	11/04 →						3M5Q6507AA			
	C5 1.6 HDi 16V	11/04 →						Y6011-2111			
	Jumpy 1.6 HDi 16V	1/07-5/08						11347805968			
	Xsara Picasso 1.6 HDi 16V	5/04 →				EX	PCIT077	0949.C3	23,4x5,5x96,6	45	9
ENG. 9 HY (DV6TED4), 9 HZ (DV6TED4)	**Berlingo 1.6 HDi 16V**	9/05 →	1560 ccm	80 kW (109 PS)	75 / 4			1229883			
	C2 1.6 HDi 16V							30711497			
	C3 1.6 HDi 16V	9/05 →						9640840080			
	C4 1.6 HDi 16V	11/04 →						3M5Q6505AA			
	C4 Picasso 1.6 HDi 16V	10/06 →						Y6011-2121			
	C4 Grand Picasso 1.6 HDi 16V	10/06 →						11347805969			
	C5 1.6 HDi 16V	10/04 →									
	Xsara Picasso 1.6 HDi 16V	5/04 →									
ENG. DV6UTED4 Euro 4	**Jumpy 1.6 HDi 16V**	5/08 →	1560 ccm	68 kW (92 PS)	75 / 4						
ENG. RHS, RHZ (DW10ATED)	**C5 2.0 HDi**	3/01-8/04	1997 ccm	79 kW (107 PS)	85 / 4	IN	PCIT078	9635317980	30,0x6,0x106,2	45	9
	C5 2.0 HDi Break	6/01-8/04						1231931			
ENG. RHW (DW10ATED4), RHM (DW10ATED4)	**C8 2.0 Hdi**	7/02 →	1997 ccm	79-80 kW (107-109 PS)	85 / 4			0948.C0			
	Evasion 2.0 HDi	3/00 →				EX	PCIT079	9635318480	25,0x6,0x106,2	45	9
	Jumpy 2.0 HDi 110	1/02 →						1231930			
ENG. RHK (DW10UTED4)	**C8 2.0 HDi**	2/07 →	1997 ccm	88 kW (120 PS)	85 / 4			0949.A9			
	Jumpy 2.0 HDi 120	1/07 →									



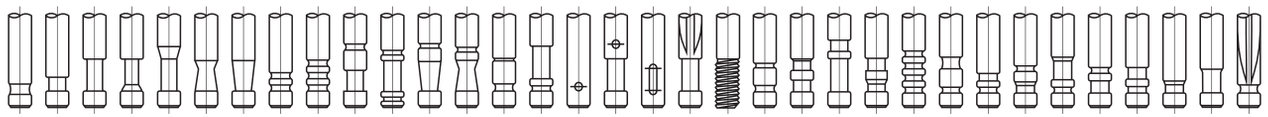
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CITROEN DIESEL											
ENG. RHM	**C8 2.0 HDi 16V**	6/02 →	1997 ccm	80-81 kW (109-110 PS)	85 / 4	IN	PCIT080	9627184380	30,0x6,0x105,0	45	9
ENG. 4 HW, 4 HX	**C5 2.2 HDi 16V**	3/01 →	2179 ccm	94-100 kW (128-136 PS)	85 / 4			0948.A3			
	C8 2.2 HDi 16V	6/02 →						1231931			
ENG. 4 HY	**Jumper 2.2 HDi 16V**	2/02 →	2179 ccm	77 kW (105 PS)	85 / 4			3M5Q6507BA			
ENG. RHR (DW10BTED4)	**Berlingo 2.0 HDi**		1997 ccm	100 kW (136 PS)	85 / 4			8653745			
	C4 2.0 HDi 16V	11/04 →				EX	PCIT081	9634437580	25,0x6,0x105,0	45	9
	C4 Picasso 2.0 HDi 16V	10/06 →						0949.A3			
	C4 Grand Picasso 2.0 HDi 16V	10/06 →						1231930			
								3M5Q6505BA			
	C5 2.0 HDi 16V	9/04 →						8653744			
	C8 2.0 HDi 16V	3/06 →									
	Jumpy 2.0 HDi 16V	1/07 →									
ENG. DW12BTED4	**C5 2.2 HDi 16V**	2/06 →	2179 ccm	125 kW (170 PS)	85 / 4						
	C6 2.2 HDI 16V	6/06 →									
	C8 2.2 HDi 16V										
ENG. B 22/615	**C 32 2.2 D**	9/73-12/79	2175 ccm	45 kW (62 PS)	90 / 4	IN	PCIT082	5478734	42,0x8,0x121,5	45	9
	C 35 2.2 D	11/73-12/79						5478734G			
ENG. M 22/621	**CX 2.2 D**	10/75-2/79	2175 ccm	49 kW (67 PS)	90 / 4			95569116			
ENG. B 25/637	**C 35 2.5 D**	1/80-12/92	2499 ccm	50 kW (68 PS)	93 / 4			9555275080			
	C 45 2.5 D	6/82-10/90						5471746			
ENG. CRD 93 LS	**C 25 2.5 TD**	8/87-3/94	2499 ccm	70 kW (95 PS)	93 / 4			0948.45			
ENG. M 25/629	**C 35 2.5 D**	2/78-10/90	2499 ccm	55 kW (75 PS)	93 / 4	EX	PCIT083	5457479	35,0x9,0x121,5	45	9
	CX 2.5 D	2/78-8/85						9555275280			
ENG. M 25/648	**CX 2.5 TD**	4/83-12/86	2499 ccm	88 kW (120 PS)	93 / 4			95569117			
ENG. M 25/660, U25/651	**C 35 2.5 D**	2/78-10/90	2499 ccm	54-55 kW (73-75 PS)	93 / 4			5414239			
	CX 2.5 D	7/82-12/92						0949.46			
	C 25 2.5 D	7/81-3/94									



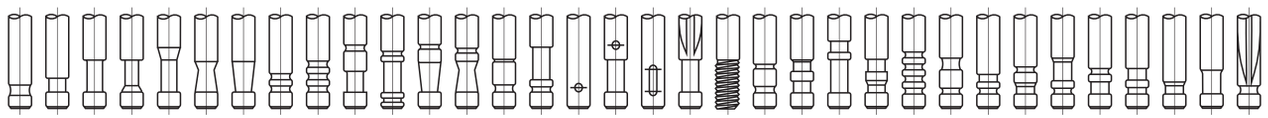
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CITROEN DIESEL											
ENG. DJ5 T	**Jumper 2.5 TD**	2/94-2/02	2446 ccm	76 kW (104 PS)	92 / 4	IN	PCIT084	96180328	41,0x7,0x115,6	45	9
ENG. DJ5 TED	**Jumper 2.5 TDi**	96-02	2446 ccm	76-79 kW (103-107 PS)	92 / 4			0948.84			
						EX	PCIT085	96267448 0949.90	37,7x7,0x115,4	45	9
ENG. 8140.43N.3585 Euro 3	**Jumper 2.8 HDi**	8/04 →	2798 ccm	108 kW (146 PS)	94,4 / 4	IN	PCIT086	4757358	41,0x8,0x120,8	30	1
ENG. 8140.43S.2585 Euro 3	**Jumper 2.8 HDi**	9/00 →	2798 ccm	92-94 kW (125-128 PS)	94,4 / 4			7301820 504069200 7701030863 7701462678 7701463603 7701467250 0948.A2			
						EX	PCIT087	99432837 5001836573 0949.A0	36,0x8,0x122,0	45	1
ENG. 280 A1.000	**C25 1.9 TD**	92/94	1929 ccm		82,6 / 4	IN	PCIT091	5990532 7547158 60808694	37,4x8,0 x116,8	45	1
						EX	PCIT092	5990533 7588577 60808695	33,5x8,0x117,0	45	1



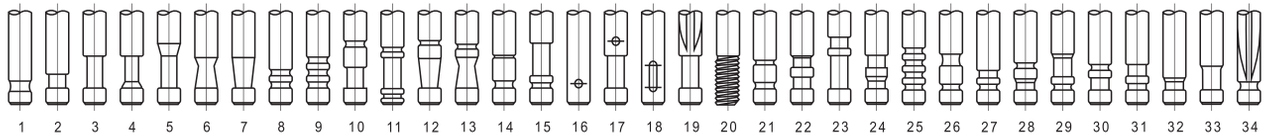
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
CITROEN DIESEL											
ENG. DV4C (8HR)	**C3 II (SC_) 1.4 HDi 70**	11/09 →	1398 ccm	50 kW (68 PS)	4	IN	PCIT091	5990532	37,4x8,0x116,8	45	1
	DS3 1.4 HDi 70	04/10 - 07/15						7547158			
ENG. DV6C (9HD)	**C3 II (SC_) 1.6 HDi 115**	09/12 →	1560 ccm	82 kW (112 PS)	4			60808694			
	C3 Picasso 1.6 HDi 115	01/13 →				EX	PCIT092	5990533	33,5x8,0x117,0	45	1
	C4 II (B7) 1.6 HDi 115	07/12 →						7588577			
	C4 AIRCROSS 1.6 HDi 115	04/12 →						60808695			
	DS3 1.6 HDi 115	07/15 →									
	DS4 1.6 HDi 115	07/15 →									
	DS5 1.6 HDi 115	07/15 →									
ENG. DV6C (9HL)	**BERLINGO Furgon (B9) 1.6 HDi 115**	07/10 →	1560 ccm	82 kW (112 PS)	4						
	C4 AIRCROSS 1.6 HDi 115 AWC	05/12 →									
ENG. DV6C (9HR)	**Berlingo (B9) 1.6 HDi 110**	07/10 →	1560 ccm	81 kW (110 PS)	4						
	Berlingo (B9) 1.6 HDi 115	07/10 →									
	Berlingo (B9) 1.6 HDi 115 4x4	02/12 →									
	Berlingo Furgon (B9) 1.6 HDi 110	07/10 →									
	C3 II (SC_) 1.6 HDi 110	11/09 →									
	C3 Picasso 1.6 HDi 110	05/10 →									
	C4 II (B7) 1.6 HDi 110	11/09 →									
	C4 Picasso I nadwozie wielkopojemne (MPV) (UD_) 1.6 HDi 110	09/10 - 08/13									



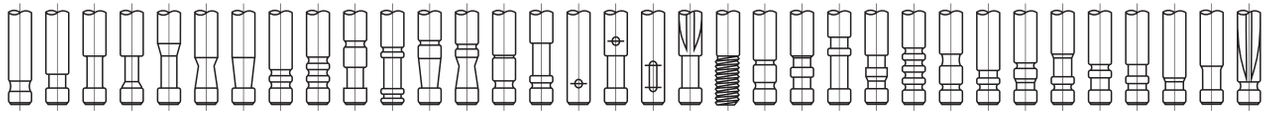
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
CUMMINS DIESEL											
ENG. 4B 3.9 C Euro 2		1/96 →	3900 ccm	55-60 kW (75-82 PS)	102 / 4	IN	PCUM001	3920867	45,0x8,0x129,1	30	26
ENG. 4B 3.9 C Euro 2			3900 ccm	60-82 kW (82-111 PS)	102 / 4			3802355			
ENG. 6B 5.9 C Euro 2		1/96 →	5883 ccm	86-132 kW (115-177 PS)	102 / 6			3802005			
ENG. 6BT 5.9 Euro 2			5883 ccm	86-132 kW (115-177 PS)	102 / 6			3901117			
ENG. 6BTA 5.9 Euro 2			5883 ccm	86-132 kW (115-177 PS)	102 / 6	EX	PCUM002	3920868	42,2x8,0x129,1	45	1
ENG. 6BTAA 5.9 Euro 2			5883 ccm	129 kW (173 PS)	102 / 6			3802356			
								3901607			
ENG. 6C 8.3			8270 ccm	127-274 kW (172-372 PS)	114 / 6	IN	PCUM003	3802275	51,9x9,5x151,1	30	26
ENG. 6CT 8.3 Euro 2			8270 ccm	127-274 kW (172-372 PS)	114 / 6			3802463			
								3924472			
								3924492			
						EX	PCUM004	3802085	45,7x9,5x151,1	45	1
								3921444			
								3902254			
ENG. ISC 8.3L Euro 3			8270 ccm	238 kW (319 PS)	114 / 6	IN	PCUM015	3800340	38,0x8,0x137,8	30	1
								3942588			
						EX	PCUM016	3800341	38,0x8,0x137,8	45	1
								3942589			
ENG. ISB 135 Euro 3,			3900 ccm	99-125 kW (135-170 PS)	102 / 4	IN	PCUM017	4895052	33,0x7,0x124,6	30	1
ISB 150 Euro 3,								1404919			
ISB 170 Euro 3								3802924			
ENG. ISB 220 Euro 3,			5883 ccm	136-202 kW (185-275 PS)	102 / 6			3940735			
ISB 250 Euro 3,						EX	PCUM018	4895051	33,0x7,0x124,2	45	1
ISB 275 Euro 3								1404918			
								1409671			
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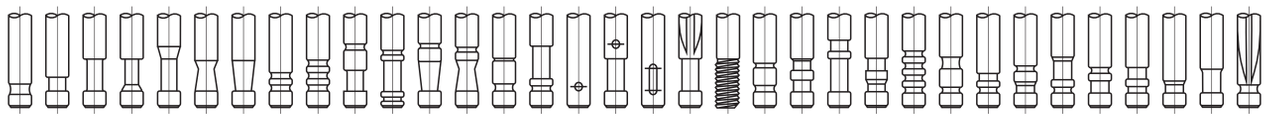
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
DACIA BENZYNA											
EN G. 810-02/-99	**Dacia 1300 1.3** **Dacia 1310 1.3**	12/72-5/83 5/83 →	1289 ccm	40 kW (54 PS)	73 / 4	IN	PDAC001	7701458180 7701458186 3104401-9 5613194	33,4x7,0x89,9	45	1
						EX	PDAC002	7701458190 7700505115 7700560792 7701460256 3100519-2 560792E	30,2x7,0x88,9	45	8
ENG. E7J 700	**Solenza 1.4i** **Super Nova 1.4i**	4/03 → 10/00-2/03	1390 ccm	55-59 kW (75-80 PS)	75,8 / 4	IN	PDAC003	7701465088 7700273371	37,5x7,0x107,8	30	1
ENG. K7J 710	**Logan 1.4i** **Logan Express 1.4i** **Logan MCV 1.4i** **Logan Pick Up 1.4i** **Sandero 1.4i**	7/04 → 3/09 → 3/06 → 1/09 → 5/08 →	1390 ccm	55 kW (75 PS)	79,5 / 4	EX	PDAC004	7700273373 7700853390 6001548030 8200243523 7701465090	33,6x7,0x107,8	45	1
ENG. K7J 714	**Logan 1.4i** **Sandero 1.4i**	7/04 → 5/08 →	1390 ccm 1598 ccm	55 kW (75 PS)	79,5 / 4			7700865832 7700865934			
ENG. K7M 710	**Logan 1.6i** **Sandero 1.6i**	04 →			79,5 / 4			7701468419 7701468149 6001548029 8200243524			
ENG. D4F	**Sandero 1.2 16V**	08 →	1149 ccm		69 / 4	IN	PDAC005	7701472986 8200343407 13201-00QAJ	26,0x5,5x110,9	45	9
						EX	PDAC006	7701473004 8200343412 13202-00QAK	22,0x5,5x112,6	45	9



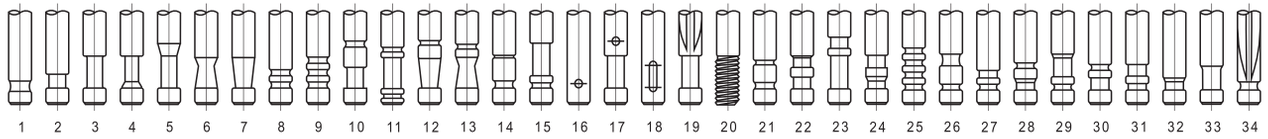
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
DACIA BENZYNA											
ENG. 810.99	**1310 1.3**	1/79-12-98	1289 ccm	36-44 kW (49-60 PS)	73 / 4	IN	PDAC001	7701458180 7701458186 3104401-9 5613194	33,4x7,0x89,9	45	1
						EX	PDAC009	7700638247 7701460690 7701461802 7701461214 3267437-6 3277694-7 3277695-7 3277813-6	29,0x7,0x88,9	45	8
ENG. K4M 690	**Duster 1.6i 16V** **Logan 1.6i 16V** **Logan MCV 1.6i 16V**	4/10 → 12/05 → 1/06 →	1598 ccm	70-79 kW (95-107 PS)	79,5 / 4	IN	PDAC010	7701471378 7701472124 13201-00QAA	32,4x5,5x109,2	45	1
ENG. K4M 694	**Logan 1.6i 16V** **Logan MCV 1.6i 16V**	12/05 → 11/09 →	1598 ccm	70 kW (95 PS)	79,5 / 4	EX	PDAC011	7701471354 7701471379	28,0x5,5x107,5	45	1
ENG. K4M 697, K4M 698	**Logan 1.6i 16V**	12/05 →	1598 ccm	70-79 kW (95-107 PS)	79,5 / 4			7701473354 7701473355 13202-00QAA			



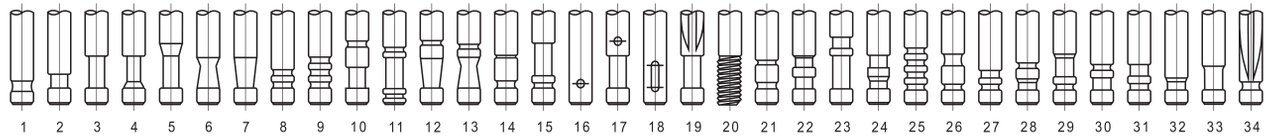
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
DACIA DIESEL											
ENG. K9K 790, K9K 794	**Logan 1.5 dCi**	6/05 →	1461 ccm	48-50 kW (65-68 PS)	76 / 4	IN	PDAC007	7701473184	33,5x6,0x101,0	45	9
	Sandero 1.5 dCi	1/09 →						7701476573			
ENG. K9K 792	**Logan 1.5 dCi**	6/05 →	1461 ccm	48-50 kW (65-68 PS)	76 / 4			13201-BN700			
	Logan Express 1.5 dCi	3/09 →						13201-00QAN			
	Logan MCV 1.5 dCi	1/06 →				EX	PDAC008	7701473183	29,0x6,0x100,7	45	9
	Logan Pick Up 1.5 dCi	3/08 →						7701476572			
	Sandero 1.5 dCi	1/09 →						13202-BN700			
ENG. K9K 796	**Duster 1.5 dCi**	4/10 →	1461 ccm	63 kW (86 PS)	76 / 4			13202-00QAP			
	Logan 1.5 dCi	9/07 →									
	Logan Express 1.5 dCi	3/09 →									
	Logan MCV 1.5 dCi	9/07 →									
	Logan Pick Up 1.5 dCi	3/08 →									
	Sandero 1.5 dCi	1/09 →									
ENG. F8Q 600, F8Q 636, F8Q 630	**Solenza 1.9 D**	ENG. 6/03 →	1870 ccm	44-48 kW (60-65 PS)	80 / 4	IN	PDAC012	7701471704	35,0x8,0x110,0	45	1
								7701469369			
								30852144			
								M852144			
								M889130			
								3345515			
								101778			
						IN	PDAC017	7701468190	35,0x8,0x110,5	45	1
						IN	PDAC014	7701468035	35,2x8,0x111,6	45	1
						IN	PDAC015	7701462813	36,1x8,0x111,7	30	1
								3287966-0			
						EX	PDAC013	7701471705	31,5x8,0x110,0	45	1
								7701469373			
								30852146			
								112656			
								101780			
						EX	PDAC016	7701462814	31,6x8,0x111,3	45	1
								7700696117			
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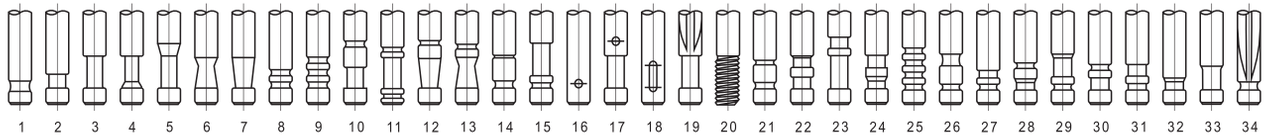
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
DAEWOO BENZYNA											
ENG. G15MF	**Cielo 1.5i**	8/95 →	1498 ccm	55 kW (75 PS)	76,5 / 4	IN	PDAE003	90215492	38,0x7,0x101,7	45	1
	Espero 1.5i	10/97-9/99				EX	PDAE004	96098751	31,0x7,0x101,7	45	1
	Nexia 1.5i	12/94-10/96						90215491			
	Racer 1.5i	94 →									
ENG. A15MF	**Cielo 1.5i**	9/97 →	1498 ccm	51-55 kW (70-75 PS)	76,5 / 4	IN	PDAE005	96103129	30,3x6,0x102,4	45	1
	Espero 1.5i	94 →						96182806			
	Nexia 1.5i	2/95-8/97				EX	PDAE006	96103130	26,0x6,0x102,0	45	1
	Racer 1.5i	97 →						96182805			
ENG. A16DMS	**Kalos 1.6i 16V**	8/02-1/05	1598 ccm	77-80 kW (105-109 PS)	79 / 4						
	Lacetti 1.6i 16V	3/04-1/05									
	Lanos 1.6i 16V	4/97-9/03									
	Nubira 1.6i 16V	9/97-1/05									
	Rezzo 1.6i 16V	9/00-1/05									
	Tacuma 1.6i 16V	9/00-1/05									
ENG. C 18 LE	**Espero 1.8**	2/95-6/99	1796 ccm	66-74 kW (90-100 PS)	84,8 / 4	IN	PDAE007	642667	41,8x7,0x104,2	45	1
	Nubira 1.8	4/97-5/99						90220119			
ENG. C 20 LE	**Espero 2.0**	10/93-6/99	1998 ccm	77-85 kW (105-116 PS)	86 / 4			90220121			
ENG. C 20 NE	**Espero 2.0i**	9/93-10/94	1998 ccm	85 kW (116 PS)	86 / 4			90295019			
						EX	PDAE008	641306	36,5x7,0x103,7	45	1
								642829			
								90323756			
								90323757			
ENG. X 20 SED, C 20 SED	**Leganza 2.0i 16V**	3/97-12/02	1998 ccm	100-109 kW (136-148 PS)	86 / 4	IN	PDAE009	641022	32,0x6,0x102,1	45	9
	Magnus 2.0i 16V	99 →						90412277			
	New Brougham 2.0i 16V	1/96-2/97						4500849			
	New Prince 2.0i 16V	4/96-2/97				EX	PDAE010	641325	29,0x6,0x92,2	45	9
	Nubira 2.0i 16V	9/97-6/03						90410813			
	Super Saloon 2.0i 16V	97 →						4500864			
ENG. X 22 SE, T 22 SED	**Leganza 2.2i 16V**	9/98-12/02	2198 ccm	100-104 kW (136-141 PS)	86 / 4						
ENG. Z 24 XE	**Captiva 2.4i 16V**	9/06 →	2405 ccm	100-103 kW (136-140 PS)	87,5 / 4						
ENG. T 20 SED	**Tacuma 2.0i 16V**	00 →	1998 ccm	89 kW (121 PS)	86 / 4						
	Epica 2.0i 16V	05 →									



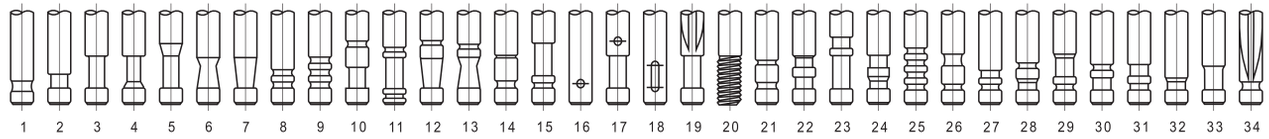
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
DAEWOO BENZYNA											
ENG. A14SMS/A14DMS	**Lanos 1.4i 8V**	5/97 →	1349 ccm	55 kW (75 PS)	76,5 / 4	IN	PDAE011	96182934	38,0x7,0x103,7	45	1
ENG. A15SMS/A15DMS	**Lanos 1.5i 8V**	5/97 →	1498 ccm	63-81 kW (86-110 PS)	76,5 / 4	EX	PDAE012	96182933	31,0x7,0x103,7	45	1
ENG. B12S1, F12S3	**Kalos 1.2i**	4/03-1/05	1148 ccm	53 kW (72 PS)	68,5 / 4	IN	PDAE013	94580146	35,7x5,5x110,5	45	1
ENG. F8CV	**Matiz 0.8i**	9/98-1/05	796 ccm	37-38 kW (50-52 PS)	68,5 / 3			12911-78B00			
	Tico 0.8	1/96-12/00						12911-78B00-000			
ENG. F8B, F8C	**Tico 0.8**	6/91-1/05	796 ccm	29-35 kW (39-48 PS)	68,5 / 3	EX	PDAE014	96352793 94581486 12915-78B00-000 12915-78B00-222 11915A78B01-000	31,8x5,5x110,3	45	1
ENG. F14S3	**Kalos 1.4i**	9/03-1/05	1399 ccm	61 kW (83 PS)	77,9 / 4	IN	PDAE015	96335947	38,0x6,0x104,0	45	9
						EX	PDAE016	96335948	31,0x6,0x104,0	45	9
ENG. F14S3	**Kalos 1.4i 16V**	9/02-1/05	1399 ccm	69-70 kW (94-95 PS)	77,9 / 4	IN	PDAE017	96440081	28,6x6,0x101,6	45	1
	Lacetti 1.4i 16V	3/04-1/05						96376881			
	Nubira 1.4i 16V	3/04-1/05				EX	PDAE018	96440079 96376980	27,3x6,0x101,2	45	1
ENG. A18DMS	**Rezzo 1.8**	9/00 →	1761 ccm	72 kW (98 PS)	80,5 / 4	IN	PDAE019	96230591	38,0x6,0x101,4	45	9
ENG. F18D2	**Rezzo 1.8**	9/00 →	1761 ccm	67 kW (91 PS)	80,5 / 4	EX	PDAE020	96230595	31,4x6,0x101,2	45	9
ENG. B10S	**Matiz (M100, M150)1.0**	01/03 -	995 ccm	47 kW (64 PS)	4/68,5	IN	PDAE001	12911-78B00-000	35,7x5,5x110,0	45	1
ENG. B12S1	**Kalos (Klas) 1.2**	04/03 -	1150 ccm	53 kW (72 PS)	4/68,5						
ENG. F8C	**Tico (KLY3) 0.8**	02/95 - 12/00	796 ccm	35 kW (48 PS)	3/68,5	EX	PDAE002	12915-78B00-000	31,7x5,5x110,0	45	1
ENG. F8CV	**Matiz (M100, M150) 0.8**	09/98 →	796 ccm	38 kW (52 PS)	3/68,5						
	Tico (KLY3) 0.8	01/96 - 12/00									
ENG. B10S	**Matiz (M100, M150) 1.0**	01/03 →	995 ccm	47 kW (64 PS)	4/68,5						
ENG. B12S1	**Kalos (Klas) 1.2**	04/03 →	1150 ccm	53 kw (72 PS)	4/68,5						
ENG. F8C	**Tico (KLY3) 0.8**	02/95 - 12/00	796 ccm	35 kW (48 PS)	3/68,5						
ENG. F8CV	**Matiz (M100, M150) 0.8**	09/98 →	796 ccm		3/68,5						
	Tico (KLY3) 0.8	01/96 - 12/00									



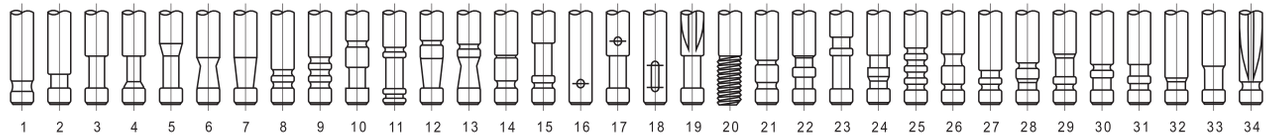
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
DAF BENZYNA											
ENG. 688.02	**DAF 55** **DAF 66**	67-75 67-75	1108 ccm	39 kW (53 PS)	70 / 4	IN	PDAF020	7701458180 7701458186 3104401-9 5613194	33,4x7,0x89,9	45	1
ENG. 688.13	**DAF 55** **DAF 66**	67-75 67-75	1108 ccm	33 kW (45 PS)	70 / 4						
ENG. 810.03	**DAF 66**	73-3/75	1289 ccm	29 kW (40 PS)	73 / 4	EX	PDAF021	7700638247	29,0x7,0x88,9	45	8
ENG. 810.29	**DAF 66**	73-3/75	1289 ccm	40 kW (54 PS)	73 / 4			7701460690 7701461802 7701461214 3267437-6 3277694-7 3277695-7 3277813-6			
ENG. B 13, OS	**DAF 66 1300 Marathon (sedan, coupé, kombi)**	9/73-8/75	1289 ccm	42 kW (57 PS)	73 / 4	IN	PDAF020	7701458180 7701458186 3104401-9 5613194	33,4x7,0x89,9	45	1
						EX	PDAF022	7701458190 7700505115 7700560792 7701460256 3100519-2 560792E	30,2x7,0x88,9	45	9



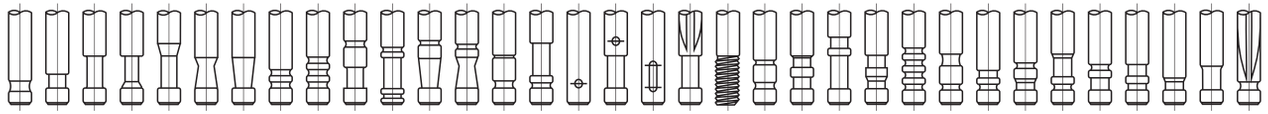
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
DAF DIESEL											
ENG. DKV 1160	**Series F 2800/2805/3300/3305/3325/3603/3605/3625**	ENG. 5/83 →	11630 ccm	139-260 kW (189-354 PS)	130 / 6	IN	PDAF001	266305 1252496 1259989	54,9x11,0x175,0	30	1
ENG. DKX 1160	**Series F 3300/3305/3325** **Series N 3300**	ENG. 6/81-9/91	11630 ccm	243 kW (330 PS)	130 / 6	EX	PDAF002	266306 1254382	49,9x11,0x175,0	30	1
ENG. DKX 1160 ATI	**Series F 3300/3305/3325** **Series N 3300**	ENG. 6/85-9/91	11630 ccm	260 kW (354 PS)	130 / 6						
ENG. DKXE 1160	**Series F 3305/3325/3603/ /3605/3625**	ENG. 84 →	11630 ccm	139-260 kW (189-354 PS)	130 / 6						
ENG. DKXE 1160 ATI	**Series F 2605/2800**	ENG. 6/85-9/91	11630 ccm	206-212 kW (280-288 PS)	130 / 6						
130 / 6	**Series F 3305/3325/3600/ /3603/3625**	ENG. 84 →	11630 ccm	139-260 kW (189-354 PS)	130 / 6						
ENG. DKZ 1160 ATI	**Series F 3300/3305/ 3325/3600/3603/360 5/3625** **Series SB 3000**	ENG. 6/85-9/91	11630 ccm	274 kW (373 PS)	130 / 6						
ENG. WS 225 ATI	**Series 95.310**	ENG. 9/87-4/97	11630 ccm	225 kW (306 PS)	130 / 6						
ENG. WS 242 G Euro 0, **WS 242 L ATI Euro 1**	**Series 95.330**	ENG. 8/90-4/97 ENG. 7/92 →	11630 ccm	242 kW (329 PS)	130 / 6						
ENG. WS 242 L ATI Euro 1, **WS 242 M Euro 2**	**Series 85.330**	ENG. 7/92 → ENG. 96 →	11630 ccm	242 kW (329 PS)	130 / 6						
ENG. WS 259 ATI	**Series 95.350**	ENG. 9/87-4/97	11630 ccm	259 kW (352 PS)	130 / 6						
ENG. WS 268 Euro 2	**Series 95.360**	ENG. 9/94 →	11630 ccm	268 kW (364 PS)	130 / 6						



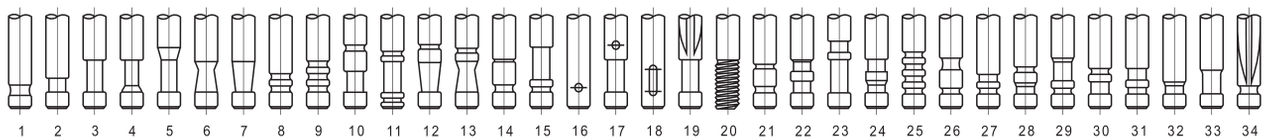
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
DAF DIESEL											
ENG. WS 268 Euro 2,	**Series 85.360**	ENG. 9/94 →	11630 ccm	268 kW (364 PS)	130 / 6	IN	PDAF001	266305	54,9x11,0x175,0	30	1
WS 268 G Euro 0,		ENG. 3/90-4/97						1252496			
WS 268 L ATI		ENG. 3/90-12/97						1259989			
Euro 1, WS 268 M Euro 2		3/90 →				EX	PDAF002	266306	49,9x11,0x175,0	30	1
ENG. WS 282 L,	**Series 95.380, 95.400**	ENG. 9/87-4/97	11630 ccm	282-295 kW (383-401 PS)	130 / 6			1254382			
WS 295 G Euro 0											
ENG. DK 1160	**Series A 2400/F 2600/2605/TE 2400/ VE 2400**	ENG. 8/67-12/76	11630 ccm	156 kW (212 PS)	130 / 6	IN	PDAF003	266027	54,9x11,0x152,2	30	1
								267356			
								297256			
ENG. DKA 1160	**Series A 2600/F 2600/F 2605/F 2800/ F 2805/N 2800/N 2826/TE 2600**	ENG. 8/67-9/91	11630 ccm	169-188 kW (230-256 PS)	130 / 6			655395			
								673841			
						EX	PDAF004	266028	47,7x11,0x150,1	30	1
								267357			
ENG. DKB 1160	**Series F 2600/2605**	ENG. 2/72-12/73	11630 ccm	156 kW (212 PS)	130 / 6			655398			
ENG. DKCL 1160	**Series 325/MB 200/205/230**	ENG. 73 →	11630 ccm	156 kW (212 PS)	130 / 6			655400			
ENG. DKDL 1160	**Series MB 200/205/ SB 201/210**	ENG. 1/70-7/90	11630 ccm	121 kW (165 PS)	130 / 6						
ENG. DKFL 1160	**Series 325 /MB 200/205/230/SB 220**	ENG. 73 →	11630 ccm	191 kW (260 PS)	130 / 6						
ENG. DKL 1160	**Series MB 200/205/ SB 201/210**	ENG. 6/74-5/93	11630 ccm	148-151 kW (201-205 PS)	130 / 6						
ENG. DKS 1160	**Series 325/F 2800/F 2803/F 2805/ F 2815/N 2800/2826**	ENG. 73-9/91	11630 ccm	139-228 kW (189-315 PS)	130 / 6						
ENG. DKS 1160E	**Series F 2800/2805**	ENG. 1/74-9/91	11630 ccm	206 kW (280 PS)	130 / 6						



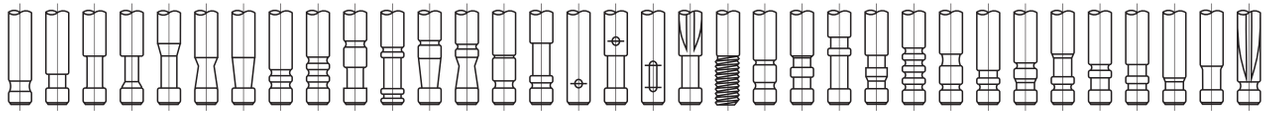
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
DAF DIESEL											
ENG. DKSB 1160	**Series SB 3000**	ENG. 73-89	11630 ccm	228 kW (310 PS)	130 / 6	IN	PDAF003	266027	54,9x11,0x152,2	30	1
ENG. DKSE 1160	**Series F 2800/2805/3305/3325//3603/3605/3625/N 2800**	ENG. 1/80 →	11630 ccm	206 kW (276 PS)	130 / 6			267356 297256 655395			
ENG. DKT 1160	**Series 325/F 2800/F 2805/SB 220**	ENG. 74 →	11630 ccm	185-213 kW (252-290 PS)	130 / 6			673841			
						EX	PDAF004	266028	47,7x11,0x150,1	30	1
ENG. DKTD 1160	**Series F 2800/F 2803/F 2805/N 2826**	ENG. 1/74-9/91	11630 ccm	185-199 kW (252-270 PS)	130 / 6			267357 655398			
ENG. DKTL 1160	**Series 325/MB 200/MB 205/ SB 201/SB 210**	ENG. 74-5/93	11630 ccm	165-199 kW (224-270 PS)	130 / 6			655400			
ENG. DKVL 1160	**Series MB 200/205/230**	ENG. 73-5/93	11630 ccm	139-260 kW (189-354 PS)	130 / 6						
ENG. XF 250 M Euro 2	**Series 85.340**	3/98 →	12583 ccm	250 kW (340 PS)	130 / 6	IN	PDAF009	1342220	45,5x9,0x163,6	20	9
ENG. XF 280 M Euro 2	**Series 85.380**	3/98 →	12583 ccm	280 kW (381 PS)	130 / 6	IN	PDAF005	1307654	45,5x9,0x163,6	30	1
	Series 95.380	1/97-9/02				EX	PDAF010	1362696 1654942	42,5x9,0x158,6	45	9
						EX	PDAF006	1327029 1307655	42,5x9,0x158,7	30	1
ENG. XF 315 M Euro 2	**Series 85.430**	3/98 →	12583 ccm	315 kW (428 PS)	130 / 6	IN	PDAF019	1603846 1684773	45,5x9,0x163,6	20	9
	Series 95.430	3/97 →									
	Series 95.480	1/97 →				IN	PDAF005	1307654	45,5x9,0x163,6	30	1
ENG. XF 355 M Euro 2	**Series 95.480**	3/97 →	12583 ccm	355 kW (483 PS)	130 / 6	EX	PDAF010	1362696 1654942	42,5x9,0x158,6	45	9
ENG. XE 390 C Euro 3, XE 390 C1 Euro 3	**Series 95.530**	9/99 →	12583 ccm	390 kW (530 PS)	130 / 6	EX	PDAF006	1327029 1307655	42,5x9,0x158,7	30	1
ENG. DJ5 T	**Series 400**	96 →	2446 ccm	76 kW (104 PS)	92 / 4	IN	PDAF017	96180328 0948.84	41,0x7,0x115,6	45	9
						EX	PDAF018	96267448 0949.90	37,7x7,0x115,4	45	9



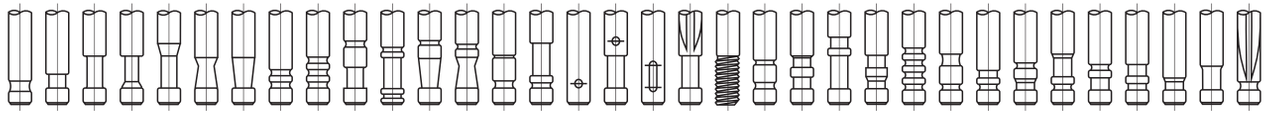
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
DAF DIESEL											
ENG. DJ5 T	**Series 400**	96 →	2446 ccm	76 kW (104 PS)	92 / 4	IN	PDAF023	96095457 97327262 0948.72	36,9x7,0x127,9	45	9
						EX	PDAF024	96304239 96096146 0949.79	36,9x7,0x127,5	45	9
ENG. GR 165 Euro 4/5	**Series LF 45.220** **Series LF 55.220**		5880 ccm	165 kW (224 PS)	118 / 6	IN	PDAF025	4895052 1404919	33,0x7,0x124,6	30	1
ENG. GR 184 Euro 4/5	**Series LF 45.250** **Series LF 55.250**		5880 ccm	184 kW (250 PS)	118 / 6			3802924 3940735			
ENG. GR 210 Euro 4/5	**Series LF 55.290**		6700 ccm	210 kW (286 PS)	118 / 6	EX	PDAF026	4895051 1404918 1409671 3802967 3940734	33,0x7,0x124,2	45	1
ENG. EN 55	**Series 400**	2/87-9/93	2498 ccm	53 kW (72 PS)	94 / 4	IN	PDAF027	83EM6507BB	42,5x8,5x116,0	45	1
ENG. XD 3P	**Series 400**	2/87-9/93	2498 ccm	51-58 kW (70-79 PS)				93500418 0948.44 0948.49 0948.53			
						EX	PDAF028	83EM6505AB 93500889 0949.45 0949.50	35,5x8,5x116,3	45	1
EN G. MX 300 S Euro 4/5	**Series CF 85.410**	5/06 →	12900 ccm	300 kW (408 PS)	130 / 6	IN	PDAF029	1684513	45,5x10,0x169,4	20	1
	Series XF 105.410	5/06 →				EX	PDAF030	1678541	42,5x10,0x168,6	30	1



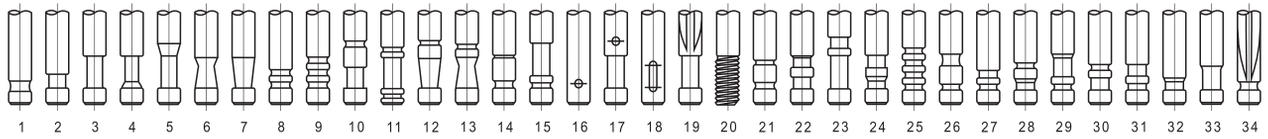
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
DAF DIESEL											
ENG. MX-13 303	**XF FA, FT, FAR 410**	10/12 →	12902 ccm	300 kw (408 PS)	6	EX	PDAF032	1741505	41,0x10,0x169,5	30	1
	CF FA,FT 410	05/13 →						1783722			
	CF FAR 410, FAS 410	05/13 →						2015131			
	CF FTS, FTR, FTP 410	05/13 →				IN	PDAF031	1912976	44,0x10,0x169,8	20	1
	CF FAN 410, FAG 410	05/13 →						1789874			
	CF FTG, FAT, FTT, FAD 410	05/13 →						2015130			
	XF FTP 410	10/12 →									
	XF FAN 410	10/12 →									
ENG. MX-13 340	**CF FAT, FTT, FAD 460**	05/13 →	12902 ccm	340 kw (462 PS)	6						
	CF FAT, FTT, FAD, 460	05/13 →									
	CF FAN, FAG 460	05/13 →									
	CF FTG 460	05/13 →									
	XF FA, FT, FAR, FTP, 460	10/12 →									
	XF FTP, FTR, FTS 460	10/12 →									
	XF FAN 460	10/12 →									
	XF FTG, FTN 460	10/12 →									
	XF FTT, FAD 460	10/12 →									
ENG. MX-13 375	**CF FT 510**	05/13 →	12903 ccm	375 kw (510 PS)	6						
	CF FAR, FAS 510	05/13 →									
	CF FTS, FTR,FTP 510	05/13 →									
	CF FAN 510, FAG 510	05/13 →									
	CF FTG, FAT,FTT, FAD 510	05/13 →									
	XF FA, FT, FAR, FTP, FAN 510	10/12 →									
	XF FTT, FAD 510	10/12 →									



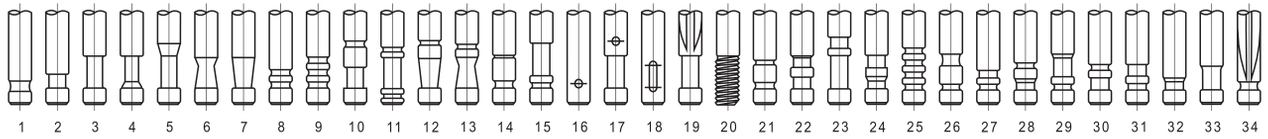
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
DAIHATSU BENZYNA											
ENG. AB	**Curoe 0.6**	4/76-10/88	547 ccm	20 kW (27 PS)	71,6 / 2	IN	PDAI003	13711-87701	36,0x7,0x101,5	45	1
	Fronte 0.6	4/76-10/88						13711-87702			
	Hijet 0.6	4/76-10/88						13711-87705			
	Wide Cab 0.6	79 →				EX	PDAI004	13715-87701	33,0x7,0x101,5	45	1
ENG. CB 20	**Charade 1.0**	10/77-3/87	993 ccm	37-41 kW (50-55 PS)	76 / 3			13715-87702			
ENG. S40	**Max 550**	78 →	547 ccm	20 kW (27 PS)	71,6 / 2						
	Cuore	78 →									
ENG. HCE	**Charade 1.3i 16V**	88 →	1296 ccm	48-66 kW (65-90 PS)	76 / 4	IN	PDAI009	13711-87103	30,0x6,6x112,7	45	1
	Terios 1.3i 16V	88 →						13711-87104			
	Hijet 1.3i 16V	5/98 →				EX	PDAI010	13715-87105	26,0x6,6x114,5	45	1
ENG. HDC	**Feroza 1.6 16V**	10/88 →	1590 ccm	52-66 kW (71-90 PS)	76 / 4			13715-87106			
	Charade 1.6 16V	99 →									
	Rocky 1.6 16V	99 →									
ENG. HD-E	**Applause I 1.6 16V**	6/89-7/97	1590 ccm	70-77 kW (95-105 PS)	76 / 4						
	Applause I 1.6 16V 4WD	6/89-7/97									
	Applause II 1.6 16V	7/97-5/00									
	Feroza 1.6i 16V	10/88 →									
	Charade IV 1.6 GTi	3/93-11/99									
ENG. 3K	**Charmant**	71-78	1166 ccm	57 kW (77 PS)	75 / 4	IN	PDAI015	13711-24011	36,0x8,0x100,0	45	32
	Consorte	71-78				EX	PDAI016	13715-24012	29,0x8,0x100,0	45	32
	Delta	71-78						13715-24011			
ENG. 4K	**Charmant 1300**	78 →	1290 ccm	55 kW (74 PS)	75 / 4						
	Delta 1300	78 →									
ENG. 3A	**Charmant 1500**	81 →	1452 ccm	59 kW (80 PS)	77,5 / 4	IN	PDAI017	13711-15010	36,0x7,0x107,0	45	1
								13711-15030			
						EX	PDAI018	13715-15010	31,0x7,0x106,5	45	1



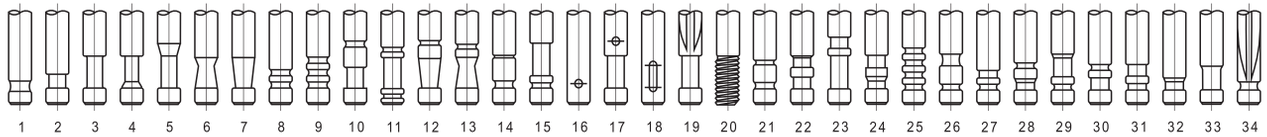
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
DAIHATSU BENZYNA											
ENG. K3-VE	**Sirion 1.3i 16V**	00 →	1298 ccm	64 kW (87 PS)	72 / 4	IN	PDAI019	13711-23030	26,0x5,0x88,2	45	1
	YRV 1.3i 16V							13711-97401			
	Terios 1.3i 16V							13711-0J010			
	Terios 1.5 16V	00 →	1497 ccm		4	EX	PDAI020	13715-23030	22,6x5,0x89,1	45	1
								13715-97401			
								13715-0J010			
	Delta 1500	77-81			80,5 / 4	IN	PDAI023	13711-31050	40,0x8,0x109,0	45	1
						EX	PDAI024	13715-31070	34,0x8,0x109,0	45	1
ENG. 3Y	**Rocky 4x4**	84 →	1998 ccm	65 kW (88 PS)	86 / 4	IN	PDAI025	13711-71010	40,0x8,0x108,0	45	1
						EX	PDAI026	13715-71010	36,0x8,0x108,4	45	1
ENG. EJ-DE	**Curoe VI 1.0i**	10/98-5/03	989 ccm	40-46 kW (54-63 PS)	72 / 3	IN	PDAI027	13711-97205	24,5x5,0x79,2	45	1
	Move 1.0i	10/98 →				EX	PDAI028	13715-97203	21,0x5,0x79,9	45	1
	Sirion 1.0i	4/98-9/00									
	Sirion 1.0i 4WD	4/99-9/00									
ENG. EJ-VE	**Charade 1.0**	3/03 →	989 ccm	43 kW (58 PS)	72 / 3						
	Curoe VII 1.0	5/03 →									
	Sirion 1.0i	9/00-1/05									
	Sirion 1.0i 4WD	9/00-1/05									
	Trevis 1.0	6/06 →									
	YRV 1.0	2/01 →									



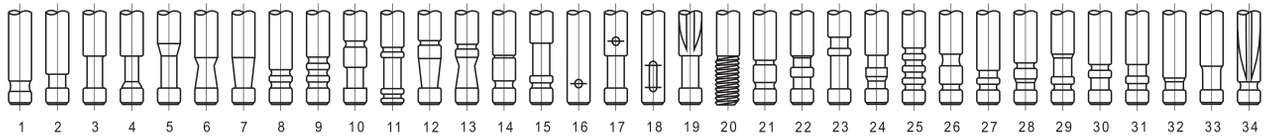
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
DAIHATSU DIESEL											
ENG. CL	**Charade 1000 D**	83 →	993 ccm	27 kW (37 PS)	76 / 3	IN	PDAI001	13711-87704 550610306	35,0x7,0x105,0	45	1
						EX	PDAI002	13715-87703 550610307	32,0x7,0x105,0	45	1
ENG. 2C	**Delta 2.0 D**	8/93 →	1974 ccm	53-54 kW (72-73 PS)	86 / 4	IN	PDAI029	13711-64030	38,5x8,0x105,7	45	1
ENG. 2C-T	**Delta 2.0 TD**	4/83-9/93	1974 ccm	61-67 kW (83-91 PS)	86 / 4			13711-64011			
						EX	PDAI030	13715-64040 13715-64012	32,5x8,0x105,3	45	1
DOOSAN ..... → NISSAN 333											



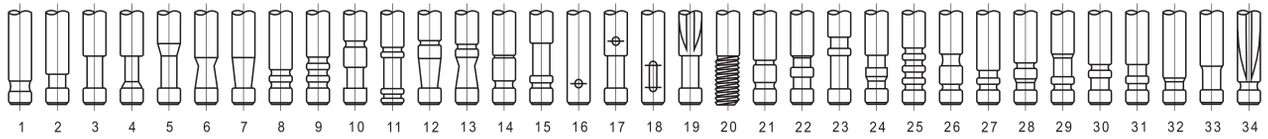
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
DAVID BROWN											
ENG. AD 4/47 A,B	**900**	62-80	3195 ccm		92,1 / 4	IN/ EX	PDAV002	928622	38,0x9,46x124,2	45	1
	770	62-70	2396 ccm		100,046 / 3						
	780/880/885	62 →	2696 ccm		92,1 / 3						
	990	62-80	3195 ccm		100,046 / 4						
	995/996	62-80	3594 ccm		100,046 / 4						
	1200/1210/1212	62-80	3594 ccm		92,1 / 4						
DOOSAN ..... → **AGREGATY** **6**											



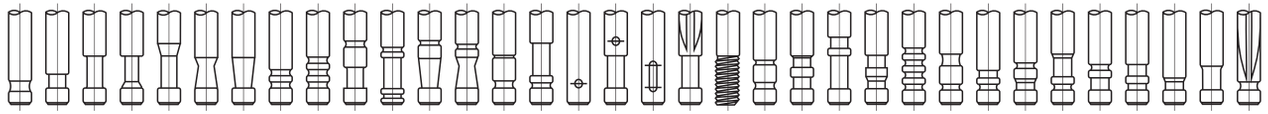
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
DORMAN DIESEL											
	Tractor (6LD)					IN	PDOR005	L7K/14	55,7x11,0x169,8	45	1
	“L” Range				6	EX	PDOR006	L7L/14	47,7x11,0x170,0	45	1
ENG. 6QTCA	**Series 501**				6	IN	PDOR007	Q7U/14	63,6x11,0x183,3	30	1
						EX	PDOR008	Q7R/14	57,2x11,0x183,4	30	1



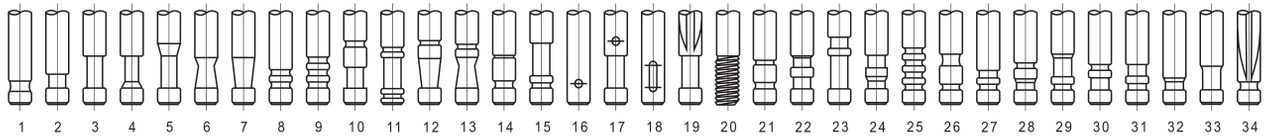
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
EICHER DIESEL											
ENG. EDK 1	**Leopard EM 100 B**	59-76	981 ccm	11 kW (15 PS)	100 / 1	IN	PEIC001	1620.069.M3	42,2x9,0x131,5	45	1
ENG. EDK 2	**EM 200**	59-76	1962 ccm	22 kW (30 PS)	100 / 2			EDK 1.2085.4			
	ES 200/201	59-76				EX	PEIC002	1620.070.M2	38,5x9,0x131,5	45	1
	G28/G 280/G 30	59-79						EDK 1.2086.4			
ENG. EDK 3	**EM 300**	59-76	2944 ccm	25 kW (35 PS)	100 / 3						
	Leopard EM 100 B	59-76									
ENG. EDK 4	**Leopard EM 100 B**	59-76	3927 ccm	40-44 kW (55-60 PS)	100 / 4						
	340/360/ 420	59-76									
ENG. EDK 6	**Leopard EM 100 B**	59/76	5890 ccm	70 kW (95 PS)	100 / 6						



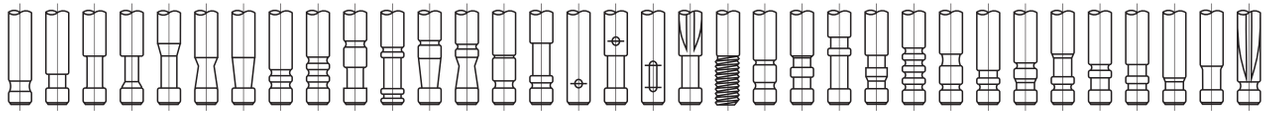
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FENDT DIESEL											
ENG. D 226 B-4	**Farmer 305LS, 305LSA, 306LS, 306LSA, 311LSA, 312LSA,** **Favorit 610LS, 610LSA, 611LS, 611LSA, 611S, 611SA, 612LSA, 612SA, 511**	ENG. 86-93	4154 ccm	51-74 kW (70-100 PS)	105 / 4	IN	PFEN001	622604605014 F199200210040 6005009608 12156904	47,0x9,0x117,0	45	9
						EX	PFEN002	622604605034 F199200210050 6005009610	43,0x9,0x117,0	45	9
ENG. D 226 B-6		86-99	6234 ccm	77-105 kW (88-120 PS)	105 / 6			12159605			
ENG. D 208-3	**Farmer 2, 2D, 2DE, 2S, 3S,4S** **Favorit 3**	ENG. 1/65-12/74	2235 ccm	26-34 kW (36-45 PS)	95 / 3	IN	PFEN013	0124418120	38,0x9,0x117,0	45	9
						IN	PFEN003	630804600014 620704603024	38,0x9,0x117,0	45	9
ENG. D 208-4		1/65-12/73	2976 ccm	33-40 kW (45-55 PS)	95 / 4			F238200210040			
ENG. D 225-3		69-81	2550 ccm	35-37 kW (48-50 PS)	95 / 3			0123028300			
ENG. D225-4		4/67-12/77	3402 ccm	46-50 kW (62-68 PS)	95 / 4	EX	PFEN004	620704603014	35,0x9,0x117,0	45	9
ENG. D225-6		4/67-12/77	5100 ccm	59-75 kW (80-102 PS)	95 / 6			F238200210030 0123028200			
ENG. TD 226 B-3	**Farmer 304LS, 304LSA, 307LS, 307LSA, 308LS, 308LSA, 310LSA,** **Favorit 611LSA, 612LSA, 614LSA, 615LSA, 509, 510, 512,514**	ENG. 85-98	3117 ccm	51-84 kW (70-114 PS)	105 / 3	IN	PFEN005	622604607014 F384200210090 6005003724 12159606	47,0x9,0x117,0	30	9
						EX	PFEN006	622604607034 F385200210150	43,0x9,0x117,0	30	9
ENG. TD 226 B-4		8/87-01	4154 ccm	60-77 kW (82-105 PS)	105 / 4			6005003725			
ENG. TD 226 B-6		69 →	6234 ccm	81-136 kW (110-185 PS)	105 / 6			12159608			



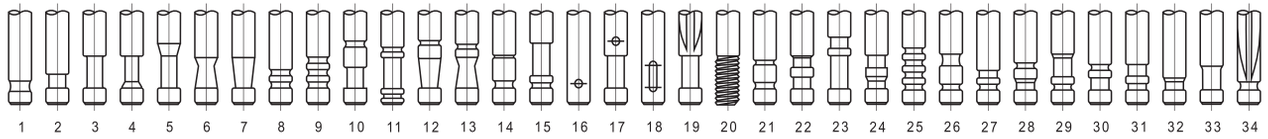
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FENDT DIESEL											
ENG. TD 226 B-3	**Farmer 304LS, 304LSA, 307LS, 307LSA, 308LS, 308LSA, 310LSA,** **Favorit 611LSA, 612LSA, 614LSA, 615LSA, 509, 510, 512,514**	ENG. 85-98	3117 ccm	51-84 kW (70-114 PS)	105 / 3	IN	PFEN005	622604607014 F384200210090 6005003724 12159606	47,0x9,0x117,0	30	9
						EX	PFEN006	622604607034 F385200210150	43,0x9,0x117,0	45	9
ENG. TD 226 B-4		8/87-01	4154 ccm	60-77 kW (82-105 PS)	105 / 4			6005003725			
ENG. TD 226 B-6		69 →	6234 ccm	81-136 kW (110-185 PS)	105 / 6			12159608			
ENG. TD226-4.2	**Farmer 309LS, 309LSA od nr. seryjnego 186/14600,** **Farmer 310LSA od nr. seryjnego 192/2000,** **Favorit 612, 614, 615**					IN	PFEN008	622804603014 F285200210230 F384200210060	42,0x9,0x117,0	30	9
						EX	PFEN009	622604603024 630804600024 F285200210200 12159602 12165099 12911162	38,0x9,0x117,0	45	9



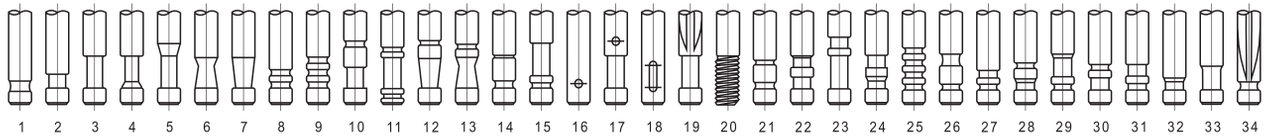
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FENDT DIESEL											
ENG. D 226-3, D 226-4, D 226-6, D 226-3.2, D 226-4.2, D 226-6.2, D 227-4.2	**Farmer 5S, 102S, 103, 103S, 104S, 105, 105S, 106S, 106SA, 108S, 303LS, 303LSA, do nr seryj. 20000: 304LS, 304LSA, 305LS, 305LSA, 306LS, 306LSA, 308LS, 308LSA, 311LSA do nr seryj. 5000, Favorit 3 S, 4, 4S, 4SA, 10S, 10SA, 11S, 12S, 610, 610 SA, 610S, 611S, 612S, 610LS, 611LS, 612LS, 231GT, ładowarka kołowa TS 65**		2827 ccm	31-48 kW (42-55 PS)	100 / 3	IN	PFEN010	622604600054 F183200210080 7701006369	41,0x9,0x117,0	45	9
						EX	PFEN007	630804600024 F183200210070 7701006368	38,0x9,0x117,0	45	9
ENG. D 327-3		1/72 →	2827 ccm	31-48 kW (42-55 PS)	100 / 3						
ENG. D 226-3, D 226-D		1/68 →	3117 ccm	35-44 kW (48-60 PS)	105 / 3						
ENG. D 226-4, D 226-V		1/68 →	4154 ccm	44-64 kW (60-87 PS)	105 / 4						
ENG. D 226-6, D 226-S		69 →	6234 ccm	74-96 kW (101-131 PS)	105 / 6						
ENG. AKD 12/112-1		54-65	905 ccm	8-9 kW (11-12 PS)	98 / 1	IN	PFEN011	632134600014 12165702 12911163	41,0x10,0x129,0	45	3
ENG. AKD 12/112-2		60-65	1810 ccm	16-18 kW (22-24 PS)	98 / 2						
ENG. AKD 12/112-3		60-65	2715 ccm	24 kW (33 PS)	98 / 3						
ENG. AKD 12/112-4		54-65	3600 ccm	32 kW (44 PS)	98 / 4	EX	PFEN012	632134600024 12165703 12911164	37,0x10,0x129,0	45	3
Fendt Dieselross F40 / F40 U		01/51 - 12/59	3534 ccm	29 kW (40 PS)	100/3	IN/ EX	PFEN014	ED 1.2033.4	45,0x10,0x149,0	45	6
Fendt F20G/F20H		01/51 - 12/57	1480 ccm	14,6 kW (20 PS)	112/1	IN/ EX	PFEN015	15406354	50,0x10,0x151,0	45	13



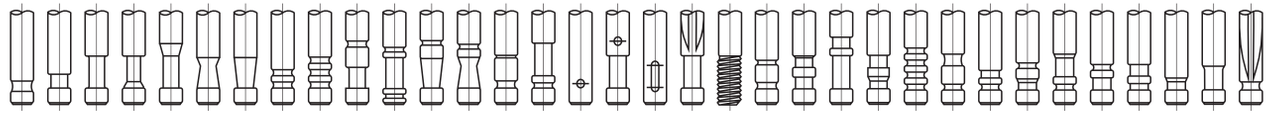
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO BENZYNA											
ENG. 100 GBC.000, 100 GBC.040	**850 0.9**	2/68-12/72	903 ccm	38 kW (52 PS)	65 / 4	IN	PFIA001	4265695	29,0x7,0x95,3	30	1
ENG. 100 GF.000	**127 0.9**	75-85	903 ccm	26 kW (35 PS)	65 / 4			4259853			
	Series 900	12/79-12/87						46407749			
ENG. 100 GL.0N.0	**127 0.9**	6/71-5/83	903 ccm	33 kW (45 PS)	65 / 4			46427459			
	Fiorino 0.9	10/77-3/81						4190109			
	Panda I 900	1/83-12/85						5959564			
	Series 900	3/71-85				EX	PFIA002	4259583	26,0x7,0x95,7	45	1
ENG. 100 GL.000, 100 GL.048, 100 GL.064	**127 0.9**	6/71-5/83	903 ccm	29-33 kW (40-45 PS)	65 / 4			4183555			
								4274135			
ENG. 100 GL.3C.0, 100 GL3.000	**Panda I 900**	3/80-12/85	903 ccm	33 kW (45 PS)	65 / 4			4377979			
ENG. 100 GL6.000	**133**	5/74-77	843 ccm	25 kW (34 PS)	65 / 4			5973130			
	Panda I 850	3/83-12/85						5959563			
ENG. 100 GL.9C.0	**Fiorino 0.9**	10/77-3/81	903 ccm	33 kW (45 PS)	65 / 4			5963326			
ENG. 100 GL.9N.0, 146 A.000	**127 0.9**	6/71-5/83	903 ccm	33 kW (45 PS)	65 / 4			7736408			
	Fiorino 0.9	10/77-3/81						7783841			
	Panda I 900	3/80-12/85				EX	PFIA083	4265696	26,0x7,0x95,3	45	9
	Uno 45 0.9	1/83-9/92						4266321			
ENG. 1170 A1.000	**Cinquecento 900i**	7/91-7/98	899 ccm	29-31 kW (40-42 PS)	65 / 4						
ENG. 1170 A1.046, 170 A1.046	**Cinquecento 900i**	7/91-7/98	899 ccm	29 kW (40 PS)	65 / 4						
	Panda I 900i	4/92-9/03									
	Seicento 0.9i	3/98 →									
	Uno 0.9i	00 →									
	Uno Mondo 0.9i	10/99 →									



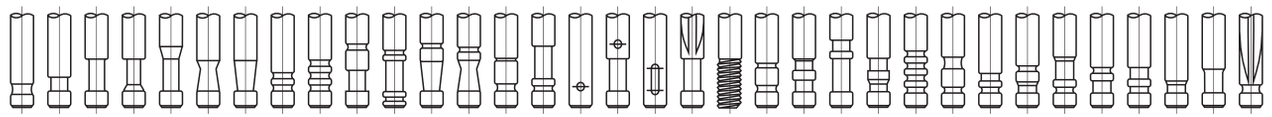
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO BENZYNA											
ENG. 156 A2.000	**Panda I 1.0**	1/86-3/97	999 ccm	32-37 kW (44-50 PS)	70 / 4	IN	PFIA003	5942727	30,4x7,0x97,1	45	1
	Uno 45 1.0	3/85-1/88						7666228			
ENG. 156 A2.246, 156 A3.000	**Panda I 1.0**	1/86-3/97	999 ccm	33 kW (45 PS)	70 / 4	EX	PFIA004	5942728	27,3x7,0x97,2	45	1
	Panda I 1.0i	1/86-4/96						7666227			
	Uno 45 1.0i	3/85-3/94						46514754			
	Uno Mondo 1.0i	1/96 →						46553047			
ENG. 156 C.046	**Panda I 1.1i**	3/92-3/97	1108 ccm	37-40 kW (50-55 PS)	70 / 4						
	Tipo 1.1i	10/94-10/95									
	Uno 60 1.1i	9/89-9/93									
ENG. 160 A3.000	**Tipo 1.1**	7/87-3/93	1108 ccm	37-41 kW (51-56 PS)	70 / 4						
	Uno 60 1.1	9/89-12/00									
	Uno Mondo 1.1	1/98 →									
ENG. 176 A6.000	**Punto 1.1i**	8/93-8/99	1108 ccm	40 kW (54 PS)	70 / 4						
ENG. 176 A7.000	**Punto 1.2i**	8/93-4/97	1242 ccm	44 kW (60 PS)	70,8 / 4						
ENG. 115C	**1500**	65 →	1481 ccm	55 kW (75 PS)	77 / 4	IN	PFIA005	4127674	35,0x8,0x110,0	45	28
								4207966			
						EX	PFIA006	4146641	31,5x8,0x104,5	45	28
								4207968			
								4127675			
ENG. 176 B2.000, 187 A1.000	**Cinquecento 1.1i**	10/94-7/98	1108 ccm	40 kW (54 PS)	70 / 4	IN	PFIA007	7770334	31,5x7,0x97,0	45	1
	Panda I 1.1i	1/95-9/03						46436048			
	Punto 1.1i	1/95-8/99				EX	PFIA004	5942728	27,3x7,0x97,2	45	1
	Seicento 1.1i	3/98 →						7666227			
ENG. 176 A8.000	**Palio 1.2i**	9/97 →	1242 ccm	55 kW (75 PS)	70,8 / 4			46514754			
	Punto 1.2i	8/93-8/99						46553047			
ENG. 176 B1.000	**Punto 1.2i**	6/94-4/97	1242 ccm	43 kW (58 PS)	70,8 / 4						



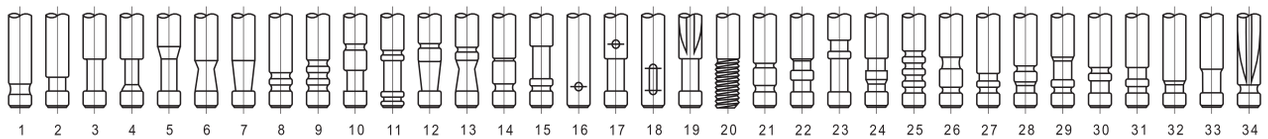
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO BENZYNA											
ENG. 178 B5.000	**Palio Weekend**	97 →	1242 ccm	44 kW (60 PS)	70,8 / 4	IN	PFIA007	7770334	31,5x7,0x97,0	45	1
ENG. 188 A4.000	**Nuova Panda 1.2 8V**	03 →	1242 ccm	44 kW (60 PS)	70,8 / 4			46436048			
ENG. 223 A5.000	**Doblo 1.2i**	01-03	1242 ccm	48 kW (65 PS)	70,8 / 4	EX	PFIA004	5942728 7666227 46514754 46553047	27,3x7,0x97,2	45	1
ENG. 126 A1.000, 126 A1.048	**126 650 Personal**	77 →	652 ccm	17 kW (23 PS)	77 / 2	IN EX	PFIA009 PFIA010	4379986 4374855	32,9x8,0x115,5 28,0x8,0x115,7	45 45	33 33
ENG. 126 A2.000, 126 A2.048	**126 700 Bis**	87 →	704 ccm	19 kW (26 PS)	80 / 2			5977214 4058860 4058691 4146638 4094941			
ENG. 170 A.000, 170 A.046, 171 A.000	**Cinquecento 700 ED**	91 →	704 ccm	22-23 kW (30-31PS)	80 / 2	IN EX	PFIA011 PFIA012	7683521 7681975 7683522	35,3x8,0x115,8 27,0x8,0x116,0	45 45	33 33
ENG. 160 A1.000, 160 A1.048	**Tipo 1.4**	7/87-12/89	1372 ccm	52-56 kW (71-76 PS)	80,5 / 4	IN	PFIA013	7609772	37,5x8,0x108,5	45	1
ENG. 160 A2.000	**Tipo 1.6**	1/88-10/91	1581 ccm	60-62 kW (81-84 PS)	86,4 / 4			96700311			
ENG. 146 C1.000	**Uno 70 1.4ie**	9/89-12/93	1372 ccm	51-53 kW (69-72 PS)	80,5 / 4			46531590			
ENG. 159 A2.000	**Tempra SX, SW**	90 →	1372 ccm	57 kW (78 PS)	80,5 / 4			46531591			
	Tipo 1.4ie	5/89-4/95				EX	PFIA014	4315062	31,0x8,0x109,0	45	1
ENG. 159 A3.000	**Elba 1.6**	4/89-12/93	1581 ccm	62-66 kW (84-90 PS)	86,4 / 4			5973128			
	Premio 1.6	3/85-12/96						4239918			
	Tempra 1.6	3/90-4/93						4314869			
	Tempra SW 1.6	12/90-4/93						4190307			
ENG. 220 A2.000	**Scudo 1.6ie**	2/96 →	1581 ccm	58 kW (79 PS)	86,4 / 4			4286929			
ENG. 160 A1.046, 836 A4.000	**Tempra 1.4 SX**	90 →	1372 ccm	51 kW (69 PS)	80,5 / 4						
	Tipo 1.4 DGT	88 →									
ENG. 146 C5.000, 146 D5.000	**Fiorino 1.4ie**	93-01	1372 ccm	49 kW (67 PS)	80,5 / 4						



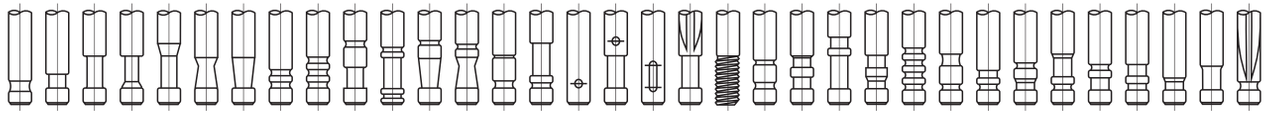
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO BENZYNA											
ENG. 160 A2.000, 159 A3.000	**Tempra 1.6**	2/90-12/99	1581 ccm	60-63 kW (82-86 PS)	86,4 / 4	IN	PFIA013	7609772	37,5x8,0x108,5	45	1
	Tipo 1.6	7/87-3/93						96700311			
								46531590			
								46531591			
						EX	PFIA051	5973129	33,4x8,0x108,9	45	1
								4403047			
								4319339			
ENG. 182 A3.000, 182 A5.000	**Brava 1.4i 12V**	9/95-10/98	1369 ccm	59 kW (80 PS)	82 / 4	IN	PFIA015	7712114	30,3x7,0x110,4	45	1
	Bravo 1.4i 12V	9/95-10/98				EX	PFIA016	46413334	35,7x7,0x110,4	45	1
	Marea 1.4i 12V	10/96-2/99									
ENG. 182 A2.000	**Brava 1.8i 16V**	10/96-9/01	1747 ccm	83 kW (113 PS)	82 / 4	IN	PFIA017	7766564	33,6x7,0x113,0	45	9
	Barchetta 1.8i 16V	10/95 →						60811153			
	Bravo 1.8i 16V	10/96-1/01				EX	PFIA018	7766565	28,0x7,0x108,6	45	9
	Marea 1.8i 16V	10/96-9/02						60811154			
ENG. 182 B7.000	**Bravo 2.0i 20V**	11/98-9/01	1998 ccm	110-113 kW (150-154 PS)	82 / 5			60674496			
	Brava 2.0i 20V	11/98-9/01									
	Marea 2.0i 20V	3/99-9/02									
ENG. 183 A1.000	**Punto 1.8i 16V**	7/99-6/03	1747 ccm	96 kW (131 PS)	82 / 4						
	Coupe 1.8i 16V	3/96-9/00									
	Barchetta 1.8i 16V	1/95-9/00									
ENG. 188 A6.000	**Barchetta 1.8i 16V**	10/00 →	1747 ccm	96 kW (131 PS)	82 / 4						
	Punto 1.8i 16V	9/00 →									
ENG. 192 A4.000	**Stilo 1.8i 16V**	01 →	1747 ccm	98 kW (133 PS)	82 / 4						
ENG. 182 B3.000	**Coupe 2.0i 20V**	98 →	1998 ccm	113 kW (155 PS)	82 / 5						
	Marea 2.0i 16V	99 →									
ENG. 185 A8.000	**Marea 2.0i 16V**	99 →	1998 ccm	110 kW (150 PS)	82 / 5						
ENG. 192 A2.000	**Stilo 2.4i 20V Abarth**	01 →	2446 ccm	125 kW (170 PS)	83 / 5						



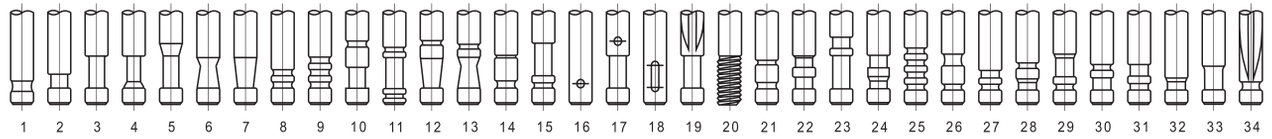
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
FIAT / IVECO BENZYNA											
ENG. 175 A3.000	**Coupé 2.0i Turbo 20V**	10/96-9/00	1998 ccm	162 kW (220 PS)	82 / 5	IN	PFIA019	7735898	30,0x7,0x113,2	45	9
ENG. 182 A1.000	**Brava 2.0i 20V**	10/95-10/98	1998 ccm	108 kW (147 PS)	82 / 5			60812982			
	Bravo 2.0i 20V	10/95-9/01				EX	PFIA020	7735899	26,0x7,0x108,8	45	9
	Coupé 2.0i 20V	10/96-9/00						60812981			
	Marea 2.0i 20V	10/96-2/99									
1998 ccm	**108 kW (147 PS)**	04/98-9/00	1998 ccm	113 kW (155 PS)	82 / 5						
ENG. 131 C4.000	**131 2.0**	3/81-8/93	1995 ccm	83 kW (113 PS)	84 / 4	IN	PFIA021	4255694	41,9x8,0x106,3	45	1
ENG. 124	**125 Berlina**	67-68	1592 ccm	59 kW (80 PS)	78 / 4	IN	PFIA040	4440061	43,6x8,0x105,6	45	1
	125 Special	67-68	1608 ccm	74 kW (100 PS)	78 / 4			4460061			
	124 Spider Coupe OHC	67-68	1608 ccm	66 kW (90 PS)	80 / 4			7547400			
ENG. 31B1.000	**131 Super**	75→	1598 ccm	85 kW (115 PS)	84 / 4			46406169			
	131 Supermirafiori	78/83						7031135			
ENG. 132 D.000	**132**	81-85	1595 ccm	85 kW (115 PS)	84 / 4	EX	PFIA022	4359309	36,2x8,0x105,9	45	1
	Argenta	81-85						4255695			
ENG. 132 C3.000	**Argenta**	81-85	1995 ccm	83-90 kW (112-122 PS)	84 / 4			4293992			
								4469661			
								5975341			
								4173747			
								4186165			
								7597080			
ENG. 110 D.000, 110 F.000, 120.000	**500 0.5**	1/60-12/75	499 ccm	13 kW (18 PS)	67,4 / 2	IN	PFIA023	4058690	32,0x8,0x115,3	45	33
								4058859			
ENG. 126 AB.5C.0	**500 0.6**	5/73-1/76	594 ccm	13 kW (18 PS)	73,5 / 2			4062108			
ENG. 126 A.000, 126 AB.0C.0	**125**	67-9/68	594 ccm	17 kW (23 PS)	73,5 / 2			4294098			
	126 600	9/72-6/77				EX	PFIA010	4374855	28,0x8,0x115,7	45	33
ENG. 126 A1.000	**126 650**	7/77-9/87	652 ccm	17 kW (23 PS)	77 / 2			5977214			
								4058860			
								4058691			
								4146638			
								4094941			



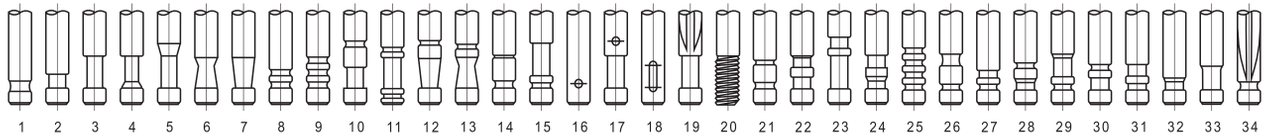
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO BENZYNA											
ENG. RGX	**Ulysse 2.0i Turbo**	9/94-5/00	1998 ccm	108-114 kW (147-155 PS)	86 / 4	IN	PFIA024	96059361	42,6x8,0x108,8	45	9
ENG. R5B	**Ducato 10 2.0**	3/94-3/02	1998 ccm	79 kW (107 PS)	86 / 4			9605936180			
	Ducato 14 2.0	3/94-3/02						0948.66			
ENG. XU 102C	**Ducato 12 2.0**	12/90-2/94	1998 ccm	79-85 kW (107-115 PS)	86 / 4	EX	PFIA025	96147032 96059362 96117828 9614703280 9611782880 0949.66 0949.72	34,5x8,0x108,4	45	9
ENG. 146 A.000	**Panda I 900**	9/82-12/85	903 ccm	33 kW (45 PS)	65 / 4	IN	PFIA026	4212771	36,0x8,0x108,5	45	1
	Uno 45 0.9	1/83-9/92						4239917			
ENG. 128 A.000, 128 AC5.000, 128 BB.0A0	**128 1.1**	3/69-12/84	1116 ccm	40-48 kW (55-65 PS)	80 / 4			4460697			
						EX	PFIA014	4315062	31,0x8,0x109,0	45	1
ENG. 138 AE.0A.0	**Ritmo 60 1.1**	10/78-9/82	1116 ccm	44 kW (60 PS)	80 / 4			5973128			
ENG. 138 B.000	**Ritmo 60 1.1**	2/83-12/87	1116 ccm	40 kW (54 PS)	80 / 4			4239918			
	Strada 1.1	2/83-85						4314869			
	Uno 55 1.1	1/83-3/85						4190307			
ENG. 138 B1.000, 138 C1.000	**Ritmo 60 1.1**	2/83-12/87	1116 ccm	41 kW (55 PS)	80 / 4			4286929			
	Strada 1.1	2/83-12/87									
ENG. 146 A4.000, 146 A4.048	**Ritmo 60 1.1**	4/85-12/87	1116 ccm	43 kW (58 PS)	80 / 4						
	Uno 60 1.1	4/85-9/92									
ENG. 146 C1.000	**Uno 70 1.4i**	9/89-9/92	1372 ccm	51-53 kW (70-72 PS)	80,5 / 4						
ENG. 159 A2.000, 160 A1.000	**Tempra 1.4**	2/90-12/96	1372 ccm	51-56 kW (70-76 PS)	80,5 / 4						
	Tipo 1.4	7/87-10/95									



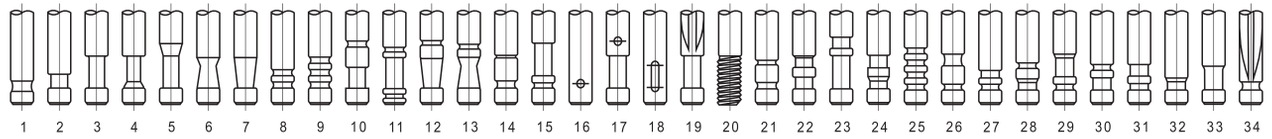
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO BENZYNA											
ENG. 128 AC.000, 128 AR.000, 128 A1.000	**128 1.3**	3/69-12/84	1290 ccm	44-55 kW (60-75 PS)	86 / 4	IN	PFIA026	4212771 4239917	36,0x8,0x108,5	45	1
ENG. M202 AA.13.0			1301 ccm	55 kW (75 PS)	86,4 / 4			4460697			
ENG. 128 AS.000	**X 1/9 1.5**	10/78-10/88	1499 ccm	63 kW (85 PS)	86,4 / 4	EX	PFIA014	4315062	31,0x8,0x109,0	45	1
ENG. 128 A3.000, 138 A3.000	**Ritmo 70 1.3**	7/78-9/82	1301 ccm	55 kW (75 PS)	86,4 / 4			5973128			
	Ritmo 75 1.3	1/81-9/82						4239918			
ENG. 138 A1.000	**Ritmo 65 1.3**	7/78-9/82	1301 ccm	48 kW (65 PS)	86,4 / 4			4314869			
	Ritmo 70 1.3	10/82-4/85						4190307			
ENG. 138 B2.000, 149 A7.000, 149 A7.003	**Regata 70 1.3**	9/83-8/89	1301 ccm	48-50 kW (65-68 PS)	86,4 / 4			4286929			
	Ritmo 70 1.3	10/82-12/87									
	Uno 70 1.3	1/83-8/89									
ENG. 176 A9.000	**Punto 1.6i**	1/94-4/97	1581 ccm	65 kW (88 PS)	86,4 / 4						
ENG. 182 B6.000	**Albea 1.6i 16V**	1/02 →	1598 ccm	76 kW (103 PS)	80,5 / 4	IN	PFIA036	46413806	30,3x7,0x102,5	45	1
	Brava 1.6i 16V	8/00-9/01						46462158			
	Bravo 1.6i 16V	8/00-9/01						46517325			
	Doblo 1.6i 16V	3/01 →						46761369			
	Marea 1.6i 16V	8/00 →						55183592			
	Multipla 1.6i 16V	1/99 →						55192067			
	Palio 1.6i 16V	9/97 →				IN	PFIA038	4424173	34,0x8,0x112,0	45	1
	Petra 1.6i 16V	3/03 →				EX	PFIA037	46413807	29,8x7,0x102,9	45	1
	Siena 1.6i 16V	4/97 →						46462159			
	Stilo 1.6i 16V	10/01 →						46761370			
ENG. 182 A4.000	**Brava 1.6i 16V**	10/95-9/01	1581 ccm	76 kW (103 PS)	86,4 / 4			46461209			
	Bravo 1.6i 16V	10/95-9/01						55196738			
	Doblo 1.6i 16V	3/01 →									
	Marea 1.6i 16V	10/96 →									
	Multipla 1.6i 16V	10/98 →									



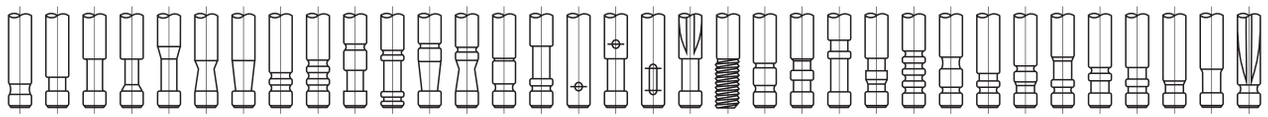
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
FIAT / IVECO BENZYNA											
ENG. 185 A3.000	**Marea 1.6i 16V**	10/97-9/02	1581 ccm	76 kW (103 PS)	86,4 / 4	IN	PFIA036	46413806	30,3x7,0x102,5	45	1
ENG. 182 A6.000	**Barchetta 1.6i 16V**	10/95 →	1581 ccm	66-76 kW (90-103 PS)	86,4 / 4			46462158			
	Brava 1.6i 16V	10/95-10/98						46517325			
	Bravo 1.6i 16V	10/95-10/98						46761369			
ENG. 178 B3.000	**Siena 1.6i 16V**	4/97-6/02	1581 ccm	74-78 kW (101-106 PS)	86,4 / 4			55183592			
	Palio 1.6i 16V	9/97 →						55192067			
ENG. 186 A4.000	**Marea 1.6i 16V**	4/99 →	1581 ccm	76 kW (103 PS)	86,4 / 4	IN	PFIA038	4424173	34,0x8,0x112,0	45	1
	Multipla 1.6i 16V Bipower	1/99 →				EX	PFIA037	46413807	29,8x7,0x102,9	45	1
								46462159			
								46761370			
								46461209			
								55196738			
ENG. 131 C1.000	**131 1.4**	11/80-12/84	1367 ccm	55 kW (75 PS)	78 / 4	IN	PFIA040	4440061	43,6x8,0x105,6	45	1
ENG. 131 B1.000	**131 1.6**	3/78-2/81	1585 ccm	72 kW (98 PS)	84 / 4			4460061			
ENG. 132 B2.000, 132 DB.2A.O	**131 2.0**	6/78-12/81	1995 ccm	83 kW (112 PS)	84 / 4			7547400			
	132 2.0	3/76-8/83						46406169			
ENG. 132 D.000	**Argenta 1.6**	6/81-11/85	1585 ccm	72 kW (98 PS)	84 / 4			7031135			
ENG. 132 D1.000	**Argenta 2.0**	6/81-12/85	1995 ccm	83 kW (113 PS)	84 / 4	EX	PFIA022	4359309	36,2x8,0x105,9	45	1
ENG. 138 AR.000	**Ritmo 105 TC 1.6**	5/81-4/85	1585 ccm	77 kW (105 PS)	84 / 4			4255695			
ENG. 138 AR1.000	**Ritmo 125 TC Abarth 2.0**	9/81-6/83	1995 ccm	92 kW (125 PS)	84 / 4			4293992			
ENG. 138 AR2.000	**Ritmo 130 TC Abarth 2.0**	7/83-12/87	1995 ccm	96 kW (130 PS)	84 / 4			4469661			
ENG. 149 A2.000, 149 A4.000	**Regata 100 1.6**	9/83-1/90	1585 ccm	74 kW (100 PS)	84 / 4			5975341			
	Ritmo 100/105 1.6	1/83-8/86						4173747			
ENG. 154 A1.000	**Croma 2.0**	12/85-6/90	1995 ccm	66 kW (90 PS)	84 / 4			4186165			
ENG. 159 A4.000	**Tempra 1.8i**	2/90-12/96	1756 ccm	80 kW (109 PS)	84 / 4			7597080			
	Tipo 1.8i	6/90-3/92									
ENG. 159 A6.046	**Tempra 2.0i**	2/90-12/96	1995 ccm	83 kW (113 PS)	84 / 4						
	Tipo 2.0i	3/90-10/95									



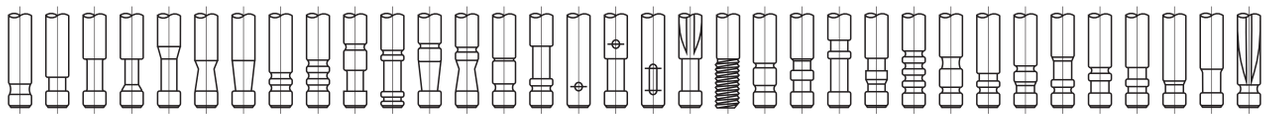
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO BENZYNA											
ENG. 154 C4.046	**Croma 2000 ie Turbo** **ENG. 154 A2.000, 154 C4.000**	85 →	1995 ccm	114 kW (155 PS)	84 / 4	IN	PFIA040	4440061 4460061 7547400 46406169 7031135	43,6x8,0x105,6	45	1
						EX	PFIA077	5953041	36,5x8,0x106,0	45	1
ENG. 176 B9.000	**Doblo 1.2i 16V** **Punto 1.2i 16V**	5/97-8/99	1242 ccm	59-63 kW (80-86 PS)	70,8 / 4	IN	PFIA045	46403681 46553048	26,8x6,0x95,0	45	9
ENG. 182 B2.000	**Barchetta 1.2i 16V**	12/98 →	1242 ccm	60 kW (82 PS)	70,8 / 4	EX	PFIA046	46471639 46553049	22,4x6,0x96,2	45	9
	Brava 1.2i 16V	11/98-9/01									
	Bravo 1.2i 16V	11/98-9/01									
	Marea 1.2i 16V	3/99-9/02									
ENG. 188 A5.000	**Albea 1.2i 16V**	1/02 →	1242 ccm	59-63 kW (80-86 PS)	70,8 / 4						
	Brava 1.2i 16V	8/00-9/01									
	Bravo 1.2i 16V	8/00-9/01									
	Idea 1.2i 16V	1/04 →									
	Palio 1.2i 16V	10/01 →									
	Petra 1.2i 16V	3/03 →									
	Punto 1.2i 16V	7/99 →									
	Siena 1.2i 16V	10/01 →									
	Stilo 1.2i 16V	10/01-12/03									
ENG. 843 A1.000, 192 B2.000	**Idea 1.4i 16V**	03 →	1368 ccm	66-70 kW (90-95 PS)	72 / 4						
	Punto 1.4i 16V	03 →									
	Stilo 1.4i 16V	04 →									



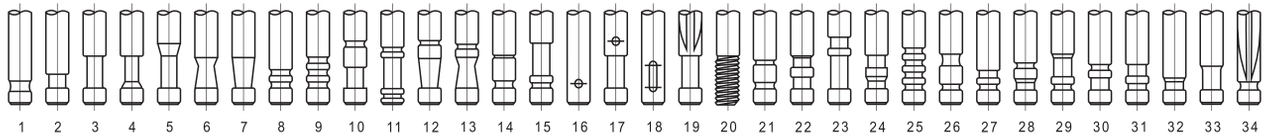
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO BENZYNA											
ENG. 176 A9.000	**Punto 1.6i**	1/94-4/97	1581 ccm	65 kW (88 PS)	86,4 / 4	IN	PFIA047	7617500	39,5x8,0x108,5	45	1
ENG. 146 D6.000	**Punto Cabrio**	94 →	1581 ccm	55 kW (75 PS)	86,4 / 4			96700315			
	Fiorino 1.6i	93 →				EX	PFIA014	4315062	31,0x8,0x109,0	45	1
ENG. 159 A3.000, 159 B9.000, 835 C1.000	**Tipo 1.6**	89 →	1581 ccm	60-63 kW (82-86 PS)	86,4 / 4			5973128			
	Tempra 1.6	89 →						4239918			
								4314869			
								4190307			
								4286929			
ENG. 124A.000	**124 1.2**	2/73-7/75	1197 ccm	48 kW (65 PS)	73 / 4	IN	PFIA048	4376861	34,6x8,0x100,5	45	1
	124 Familiare 1.2	5/73-3/75				EX	PFIA049	4376864	33,5x8,0x101,0	45	1
ENG. 131 A6.000	**131 Mirafiori 1.3**	74-82	1297 ccm	40 kW (54 PS)	76 / 4			5976805			
ENG. 131 A7.000	**131 2a serie**	76 →	1301 ccm		76,1 / 4	EX	PFIA123	4376862	31,0x8,0x101,0	45	1
	Furgone 238E	76 →									
ENG. 131 C2.000	**131 1.6**	11/76-12/84	1585 ccm	63 kW (85 PS)	84 / 4						
	131 Familiare 1.6	11/80-4/85									
	131 Panorama 1.6	11/80-4/85									
ENG. 132 AZ2.000	**242- Serie 1.9**	10/75-7/82	1995 ccm	51 kW (69 PS)	84 / 4						
ENG. 6132 AZ2.000, 6132 AZ8.000	**Campagnola 2.0**	74-89	1995 ccm	59 kW (80 PS)	84 / 4						
ENG. 124	**124 Berlina**	66-74	1197 ccm		73 / 4	IN	PFIA052	4250799	34,5x8,0x99,5	45	2
	124 Familiare	68 →						4132069			
	Furgone 238B	66 →						4198175			
	124 Special	68 →	1438 ccm		4			4221841			
	Furgone 238B1	68 →				EX	PFIA053	4250800	31,0x8,0x100,0	45	2
	Furgone 241N	68 →						4147475			
								4132070			
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								4252787			



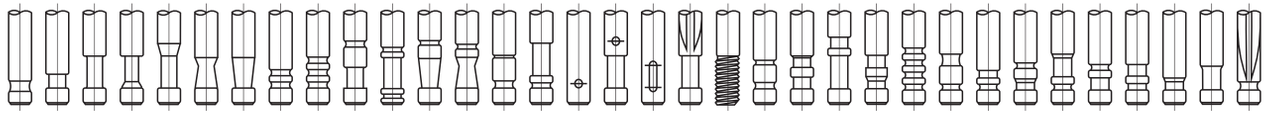
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO BENZYNA											
ENG. XM 7T, 169 B	**Ducato 10 Furgone**	82 →	1796 ccm	49 kW (67 PS)	84 / 4	IN	PFIA054	0948.33	42,6x8,0x118,6	30	1
ENG. XN 1T	**Ducato 13 Furgone**	82 →	1971 ccm	53-60 kW (72-82 PS)	88 / 4			0948.55			
	Talento 2.0	89-94						0948.29			
								0948.34			
								91510548			
								7910029730			
								9603170980			
								9151054880			
						EX	PFIA055	0949.27	35,5x8,0x112,2	45	1
								0949.55			
								0949.56			
								91520847			
								7910028074			
								9609491380			
ENG. 131 B.000	**131 Supermirafiori**	78-80	1297 ccm	58 kW (78 PS)	76 / 4	IN	PFIA056	82316779	37,6x8,0x107,3	45	1
ENG. 828BB	**131 Super Mirafiori TC**	81-83	1367 ccm		4	EX	PFIA057	82336458	33,9x8,0x106,9	45	1
ENG. 132 C.000	**124 Sport 1.6**	72 →	1585 ccm	65-72 kW (89-98 PS)	80 / 4	IN	PFIA058	4300760	42,3x8,0x106,4	45	1
	124 Special 1.6	72 →				EX	PFIA022	4359309	36,2x8,0x105,9	45	1
	132 1.6	1/76-12/82						4255695			
ENG. 132 B.000	**132 1.7 GLS**	4/74-12/75	1756 ccm	79 kW (107 PS)	84 / 4			4293992			
ENG. 132 B1.000	**124 Special 1.7**	72 →	1756 ccm	77-82 kW (105-112 PS)	84 / 4			4469661			
	124 Abarth Rally 1.7	72 →						5975341			
	132 1.7 GLS	11/75-1/77						4173747			
	132 1.7 Special	4/72-1/74						4186165			
								7597080			



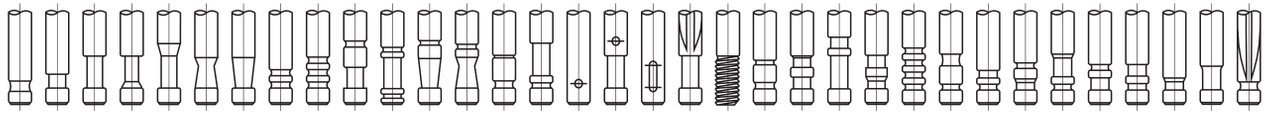
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO BENZYNA											
ENG. P8C, XUD 11ATE, XUD 11BTE	**Ulysse 2.1 TD 12V**	3/96 →	2088 ccm	80-81 kW (109-110 PS)	85 / 4	IN	PFIA061	0948.68 96008334 96007817 9600781780	33,9x8,0x122,3	45	9
						EX	PFIA062	0949.68 96079213 96042957 9604295780	33,9x8,0x121,9	45	9
ENG. LFW, XU 7JP	**Ulysse 1.8i** **Scudo 1.8i**	5/96 → 10/95 →	1762 ccm	72-76 kW (98-103 PS)	83 / 4	IN	PFIA067	0948.56 0948.87	41,6x8,0x108,8	45	1
ENG. XU 10J2U	**Ducato 2.0 ie/carb.**	94 →	1998 ccm	80 kW (109 PS)	86 / 4			91535017 91537468 9153501780			
						EX	PFIA068	0949.57 91535019 91537470 9153501980	34,5x8,0x108,4	45	1
ENG. Renault	**Ducato**	81 →	1991 ccm		88 / 4	IN	PFIA069	7701460147 7700635409 7700644710 7900000680 95536524 245390-0 0948.36	43,9x8,0x112,0	30	1
						EX	PFIA070	7701460143 7701460148 7700701645 7700732119 7700644709 7700733512 95536523 0949.38	38,6x8,0x111,4	45	1



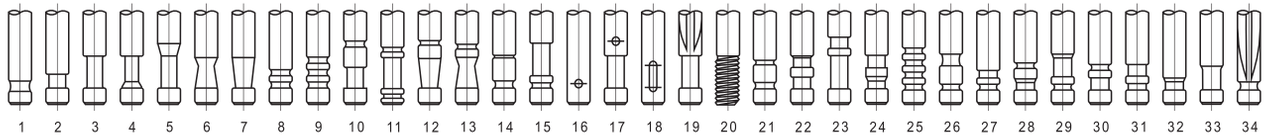
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO BENZYNA											
ENG. 154 E1.000	**Croma 2.0i 16V**	12/92-12/96	1995 ccm	101-103 kW (137-140 PS)	84 / 4	IN	PFIA079	7474739	34,5x7,0x128,0	45	1
ENG. 160 A5.000, M607 AA.18.0	**Tipo 1.8i 16V**	6/89-3/92	1756 ccm	101 kW (138 PS)	84 / 4			7574739 7722907			
ENG. 836 A3.000	**Coupé 2.0i 16V**	4/94-9/96	1995 ccm	102-104 kW (139-142 PS)	84 / 4	EX	PFIA080	7611673	28,5x7,0x125,7	45	1
ENG. 160 A8.046	**Tipo 2.0i 16V**	3/93-10/95						7650916			
ENG. 175 A1.000	**Coupé 2.0i Turbo 16V**	2/94-9/96	1995 ccm	140-143 kW (190-195 PS)	84 / 4			7958073 7574742 60805836			
ENG. ES9 J4S, XFW	**Ulysse 3.0i 24V**	8/02 →	2946 ccm	150-152 kW (204-207 PS)	87 / 6	IN	PFIA086	0948.A5 9630441380	35,0x6,0x108,4	45	1
						EX	PFIA087	0949.A5 9640181380	30,5x6,0x106,9	45	1
ENG. 131 B7.000, 131 C.000, 131 C1.000	**131 1.4 Mirafiori**	81-85	1367 ccm	51-55 kW (69-75 PS)	78 / 4	IN	PFIA129	4415238	33,5x8,0x112,0	45	1
	131 1.4 Super Mirafiori	4/81-12/83				IN	PFIA250		34,0x8,0x111,8	45	1
	131 Familiare 1.4 Mirafiori	82-84				EX	PFIA130	4415239	30,5x8,0x112,5	45	1
	131 Panorama 1.4 Mirafiori	82-84									
ENG. 131 C2.000	**131 CL**	84 →	1585 ccm	61 kW (84 PS)	84 / 4	IN	PFIA131	4426397	39,5x8,0x112,0	45	1
ENG. No. 2 308 227 →						EX	PFIA132	4394134	36,5x8,0x112,5	45	1
ENG. 154 A.048, 149 A.000	**Croma CHT**	85 →	1585 ccm	61 kW (84PS)	84 / 4			5975849			
	Regata 84 CV	85 →									
ENG. 192 B30	**Stilo 1.6i PDA 16V**	5/05 →	1598 ccm	77 kW (10	79 / 4	IN	PFIA138	55557862 24433078 642011 642078	31,2x5,0x117,2	45	9
						EX	PFIA139	71739797 55558728 24433079 641379 641401	27,6x5,0x116,2	45	9



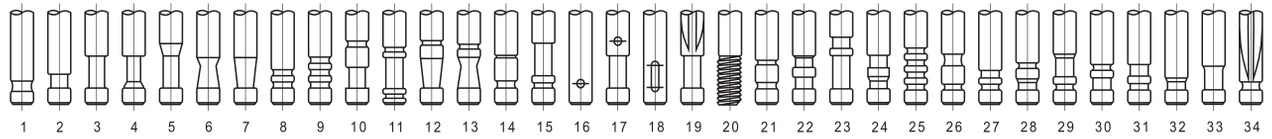
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO BENZYNA											
ENG. RFV (XU 10J4R)	**Ulysse 2.0 16V**	05/98-9/00	1998 ccm	97-100 kW (132-136 PS)	86 / 4	IN	PFIA143	9628943380 96289433 0948.86 0948.92	34,6x6,0x106,4	45	1
						EX	PFIA144	9629861180 0949.92 0949.A6 96298611	29,6x6,0x105,8	45	1
EN G. RFN (EW10 J4)	**Scudo 2.0i 16V** **Ulysse 2.0i 16V**	5/00 → 3/00 →	1997 ccm	103 kW (140 PS)	85 / 4	IN	PFIA145	9623950380 0948.99	33,3x6,0x106,2	45	1
						EX	PFIA146	9636001780 0949.99	29,0x6,0x103,6	45	1
ENG. 939A4.000	**Croma 1.8 ie 16V**	06 →	1796 ccm		82 / 4	IN	PFIA253	641076 55557741	31,2x5,0x113,8	45	9
						EX	PFIA254	641391 641392 55355572 71744388	27,5x5,0x113,2	45	9
ENG. M612FA.25.C	**Croma 2.5 V6**	93 →	2492 ccm		88 / 6	IN	PFIA260	119000330012 60523548 119280330001	41,0x9,0x107,5	45	1
						EX	PFIA261	119000330114 60523550 119280330101	36,5x9,0x94,5	45	1



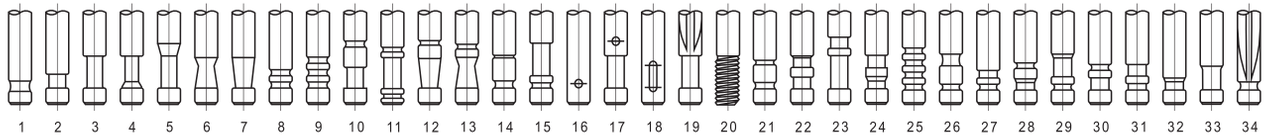
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO BENZYNA											
ENG. 194A1.000	**Croma 2.2i 16V**	7/05 →	2198 ccm	108 kW (147 PS)	86 / 4	IN	PFIA255	12575793 12786696 55192156 55563529 641056 641063 71739277	35,1x6,0x102,3	45	9
						EX	PFIA256	12597371 12791961 24454518 4805043 641373 641376 641380 71739320 71739686	30,1x6,0x100,9	45	9
ENG. KFV (Peugeot)	**Qubo 1.4 8V MPi**	07 →	1368 ccm		75 / 4	IN	PFIA262	97531080 97533266 9627835680 0948.58	36,7x7,0x112,8	30	1
						EX	PFIA263	97531044 97533264 9753104480 0949.59	29,2x7,0x112,6	45	1



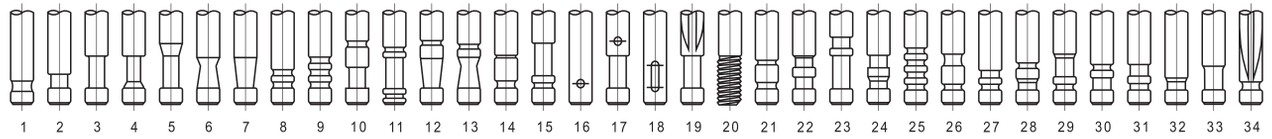
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO BENZYNA											
ENG. RFV	**Ulysse 2.0i 16V**	5/98-2/00	1998 ccm	97-100 kW (132-136 PS)	86 / 4	IN	PFIA264	0948.61 0948.75 96172597 91540748	34,6x7,0x106,4	45	9
						EX	PFIA265	0949.62 0949.81 96172795 91540782	29,6x7,0x105,8	45	9
ENG. M16A	**Sedici 1.6 16V**	06 →	1586 ccm		78 / 4	IN	PFIA266	12911-54G00 71742050	30,0x5,5x100,9	45	1
						EX	PFIA267	12915-54G00 12915-54G50 71747245	25,0x5,5x99,0	45	1
ENG. 188 A5.000	**Brava (182_) 1.2 16V 80**	10/00 - 10/01	1242 ccm	57 kW (78 PS)	4	IN	PFIA287	55185028	26,9x6,0x95,3	45	9
	Bravo I (182_) 1.2 16V 80	10/00 - 10/01				EX	PFIA288	55185080	22,4x6,0x94,7	45	9
	Idea (350_) 1.2 16V	01/04 →									
	Palio Weekend (178_) 1.2	09/01 →									
	Punto (188_) 1.2 16V 80 (188.233, .235, .253,...	09/99 - 12/06									
	Albea (178_, 172_) 1.2	09/01 - 12/09									
	Stilo (192_) 1.2 16V (192_XA1B)	02/02 - 11/06									
ENG. 192 B2.000	**Bravo II (198_) 1.4 (198AXA1B)**	04/07 - 12/14	1368 ccm	66 kW (90 PS)	4						
	Bravo II (198_) 1.4 LPG (198AXA1B)	12/08 - 12/14									
	Idea (350_) 1.4	12/03 →									
	Stilo (192_) 1.4 16V	03/05 - 11/06									
	Stilo Multi Wagon (192_) 1.4 16V	03/05 - 08/08									



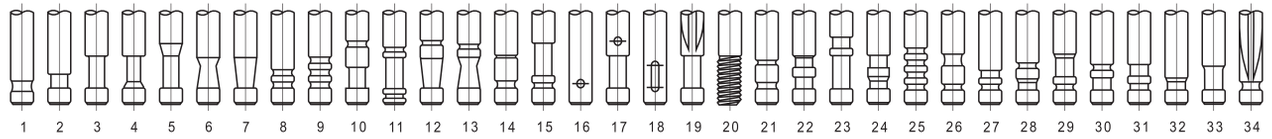
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO BENZYNA											
ENG. 843 A1.000	**Stilo Multi Wagon (192_) 1.4 16V**	01/04 - 08/08	1368 ccm	65 kW (88 PS)	4	IN/ EX	PFIA293	55185080 55206233 55239748	22,4x6,0x94,66	45	9
	TIPO sedan (356_) 1.4 (356SXA1B)	10/15 →									
	TIPO liftback (356_) 1.4 (356HXA1B)	03/16 →									
	TIPO kombi (356_) 1.4 (356WXA1B)	03/16 →									
	500L (351_, 352_) 1.4 (199LYB1B)	09/12 →									
ENG. ED3	**FREEMONT (345_) 2.4**	08/11 →	2360 ccm	125 kW (170 PS)	4	IN	PFIA297	22211-2G000 KK05047068AB KK05047068AA KMN187696	35,0x5,5x113,3	45	1
						EX	PFIA298	22212-25002 KK05047069AB KK05047069AA KMN183950	29,0x5,5x106,0	45	1



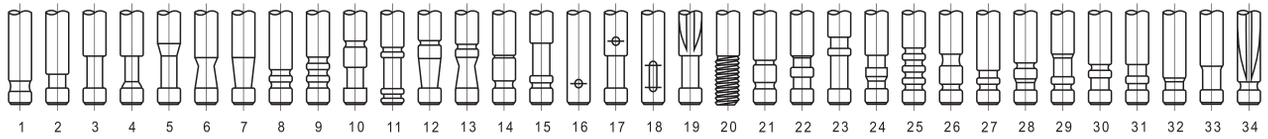
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. M705 BA.19.0	**Series DI 12**	10/88-12/90	1929 ccm	27 kW (37 PS)	82,6 / 4	IN	PFIA027	5990532	37,4x8,0x116,8	45	1
	Series DI 15	10/88 →						7547158			
	Series DI 20	10/88-12/90						60808694			
	Series DI 21	10/88 →				EX	PFIA028	5990533	33,5x8,0x117,0	45	1
ENG. M707 AT.19.0	**Regata 80 1.9 TD**	5/86-7/89	1929 ccm	59 kW (80 PS)	82,6 / 4			7588577			
	Ritmo 80 1.9 TD	12/85-12/87						60808695			
ENG. 146 B2.000	**Fiorino 1.7 D**	1/88-12/01	1698 ccm	42 kW (57 PS)	82,6 / 4						
	Uno 60 1.7 D	9/86-3/94									
	Uno Mondo 60 1.7 D	1/96 →									
ENG. 146 D7.000	**Fiorino 1.7 TDS**	2/97-12/01	1698 ccm	46 kW (63 PS)	82,6 / 4						
ENG. 149 A1.000	**Marengo 1.9 D**	1/86-7/89	1929 ccm	48 kW (65 PS)	82,6 / 4						
	Regata 65 1.9 D	4/84-7/89									
	Tempra 1.9 D	2/90-5/93									
	Tipo 1.9 D	7/89-3/93									
ENG. 149 B4.046	**Fiorino 1.7 D**	1/88-12/91	1698 ccm	42 kW (57 PS)	82,6 / 4						
	Tipo 1.7 D	1/88-10/91									
ENG. 160 A7.000	**Brava 1.9 D**	10/95-10/98	1929 ccm	48 kW (65 PS)	82,6 / 4						
	Bravo 1.9 D	10/95-10/98									
	Marengo 1.9 D	2/90-12/96									
	Tempra 1.9 D	2/90-12/96									
	Tipo 1.9 D	7/89-10/95									
ENG. 176 A3.000	**Palio 1.7 TD**	9/97-10/00	1698 ccm	51-53 kW (69-72 PS)	82,6 / 4						
	Punto 1.7 TD	8/93-8/99									
	Siena 1.7 TD	4/96 →									
	Strada 1.7 TD	3/99-4/03									



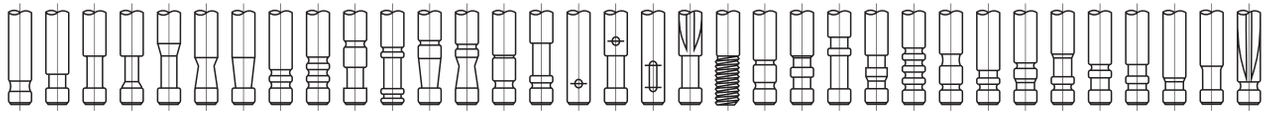
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. 8144.61.200	**131, 132 2.5 D** **Argenta 2.5 D** **Marengo 2.5 D** **Ducato 10 2.5 D** **Ducato 13 2.5 D**	ENG. 3/78-12/85	2429 ccm	53 kW (72 PS)	93 / 4	IN	PFIA029 (PIVE003)	4757358 7301820 504069200 7701030863 7701462678	41,0x8,0x120,8	30	1
ENG. 8140.07 2700, 2701, 2710, 2711, 2712, 2731	**Daily II 2.5 D 30-8/ 35-8/40-8**	ENG. 2/91-4/96	2499 ccm	55 kW (75 PS)	93 / 4			7701463603 7701467250			
ENG. 8140.07.3700, 3710, 3711, 3712, 3713, 3731 Euro 1	**Daily II 2.5 D 30-8/35-8 /40-8** **Ducato 14 2.5 D**	ENG. 2/91-4/96	2499 ccm	53 kW (72 PS)	93 / 4	EX	PFIA034 (PIVE004)	0948.A2 7301821 4826033	34,4x8,0x122,0	45	1
ENG. 8140.21.200, 201, 202, 203, 212, 214, 235, 290	**Daily I 2.4 TD 35-10/45-10/49-10** **Ducato 14 2.5 TD**	ENG. 2/85-2/94	2445 ccm	68-77 kW (92-105 PS)	93 / 4			7303309 7302157 7701203675			
ENG. 8140.61.200, 201, 202, 203, 204, 207, 208, 212, 216, 217, 230, 300, 303	**Daily I 2.4 D 30-8/ 35-8/40-8** **Ducato 13 2.4 D**	ENG. 4/78-6/89	2445 ccm	53-60 kW (72-82 PS)	93 / 4						
ENG. 8140.67.2100	**Ducato 12/18 2.5 TD**	ENG. 7/90-2/94	2499 ccm	70 kW (95 PS)	93 / 4						
ENG. 8144.61.500	**Argenta 2.5 TD**	ENG. 6/83-11/85	2445 ccm	66 kW (90 PS)	93 / 4						
ENG. 8144.81.2000	**Argenta 2.5 TD** **Ducato 13/14 2.4 TD**	ENG. 6/83-86	2445 ccm	66-74 kW (90-100 PS)	93 / 4						
ENG. 8144.97 S	**Croma 2.5 TD**	ENG. 12/91-11/92	2499 ccm	78 kW (106 PS)	93 / 4						
ENG. 8144.91.2000, 2200	**Croma 2.5 TD**	ENG. 12/85-10/92	2445 ccm	74 kW (100 PS)	93 / 4						
ENG. 8144.21.200, 220	**Ducato 14/18 2.4 TD**	ENG. 1/86-6/90	2445 ccm	68 kW (92 PS)	93 / 4						
ENG. 8144.67.2500	**Croma 2.5 TD** **Ducato 10/12/14/18 2.5 D**	ENG. 12/85-3/94	2499 ccm	55 kW (75 PS)	93 / 4						



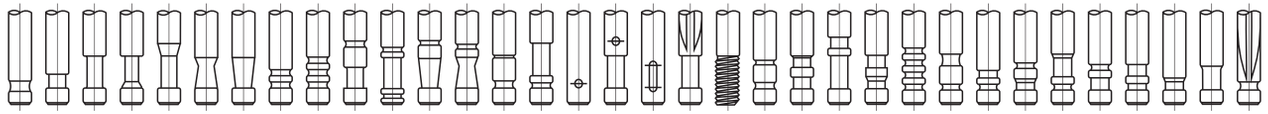
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. 8144.67.200, 220	**Ducato 10/12/14/18 2.5 TD**	ENG. 1/86-2/94	2499 ccm	55 kW (75 PS)	93 / 4	IN	PFIA029 (PIVE003)	4757358 7301820	41,0x8,0x120,8	30	1
ENG. 8140.27R.2700, 2780, 2782, 2786, 2787	**Daily II 2.5 TD 35-10/ /49-10**	ENG. 1/86-2/94	2499 ccm	67-76 kW (92-103 PS)	93 / 4			504069200 7701030863			
ENG. 8144.97.2200	**Croma 2.5 TD**	ENG. 7/90-11/92	2499 ccm	83-87 kW (113-118 PS)	93 / 4			7701462678			
ENG. 8140.27.200, 2100	**Ducato 10/12/14/18 2.5 TD**	ENG. 7/90-2/94	2499 ccm	76 kW (103 PS)	93 / 4			7701463603 7701467250			
ENG. 8144.97 Y	**Croma 2.5 TD**	ENG. 11/92-12/96	2499 ccm	85 kW (116 PS)	93 / 4			0948.A2			
ENG. 8140.67F.3700, 3701, 3710, 3711, 3713, 3721 Euro 2	**Daily III 2.5 TD 25-8/ 30-8 /33-8/35-8**	ENG. 5/96-3/98	2499 ccm	60 kW (82 PS)	93 / 4	EX	PFIA034 (PIVE004)	7301821 4826033 7303309 7302157 7701203675	34,4x8,0x122,0	45	1
ENG. 8140.47.2700, 2711, 2721, 2785 Euro 1	**Daily II 2.5 TD 35-12/40.12/45-12/49-12/59-12**	ENG. 6/90-4/96	2499 ccm	85 kW (116 PS)	93 / 4	IN	PFIA029 (PIVE003)	4757358 7301820 504069200 7701030863 7701462678 7701463603 7701467250 0948.A2	41,0x8,0x120,8	30	1
						IN	PFIA071 (PIVE005)	98468338 7701030863 7701463603	43,5x8,0x122,0	30	1
						EX	PFIA034 (PIVE004)	7301821 4826033 7303309 7302157 7701203675	34,4x8,0x122,0	45	1
						EX	PFIA072 (PIVE006)	98418161 7701467249	36,7x8,0x122,0	45	1



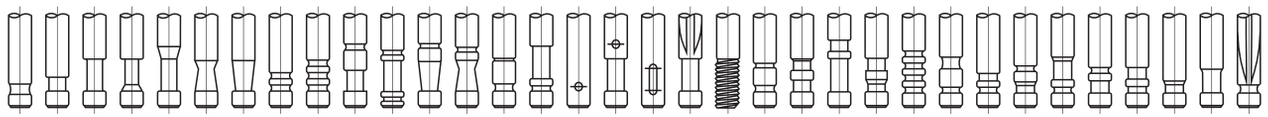
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. 8140.43C.4030 Euro 3	**Daily IV 2.8 TD 29 L 11/ /35 S 11/35 C 11/40 C 11/50 C 11**	5/99-9/02	2798 ccm	77 kW (105 PS)	94,4 / 4	IN	PFIA029 (PIVE003)	4757358 7301820 504069200	41,0x8,0x120,8	30	1
ENG. 8140.43.3700	**Daily III 2.8 TD 35-12/ /40-12/45-12/49 12/59-12**	5/96-5/99	2798 ccm	77-90 kW (105-122 PS)	94,4 / 4			7701030863 7701462678 7701463603			
	Ducato 10/14/18 2.8 TD	10/97-3/02						7701467250			
	Ducato 11/15 2.8 TD	10/02 →						0948.A2			
ENG. 8140.43.3711/ 3713 Euro	**Daily III 2.8 TD 35-10/49-12**	ENG. 5/96-5/99	2798 ccm	77-90 kW (105-122 PS)	94,4 / 4	EX	PFIA050 (PIVE013)	99432837 5001836573	36,0x8,0x122,0	45	1
ENG. 8140.43.3911/3921 /3931 Euro 2	**Daily III 2.8 TD 35-12**	ENG. 5/96-5/99	2798 ccm	77-90 kW (105-122 PS)	94,4 / 4			0949.A0			
ENG. 8140.43.3718/3721/ /3723/3728/3731/3780/ /3790 Euro 2	**Daily III 2.8 TD 35-12/ /40-12/45-12/49-12/59-12**	5/96-5/99	2798 ccm	77-90 kW (105-122 PS)	94,4 / 4						
	Ducato 14 2.8 TD	5/96-3/02									
ENG. 8140.43N.4300/4320/ 4330/4400/4420/4430 Euro 2	**Daily IV 2.8 TD 35 C 15/35 S 15/40 C 15/50 C 13/50 C 15/65 C 13/65 C 15**	9/01-7/06	2798 ccm	108 kW (146 PS)	94,4 / 4						
ENG. 8140.23.2585 Euro 2		1/96 →	2798 ccm	76 kW (103 PS)	94,4 / 4						
ENG. 8140.43C.4031 Euro 3	**Daily IV 2.8 TD 35 C 11/35 S 11/40 C 11**	5/99 →	2798 ccm	77 kW (105 PS)	94,4 / 4						
ENG. 8140.43L.4000 Euro 2		1/98 →	2798 ccm	92 kW (125 PS)	94,4 / 4						
ENG. 8140.43N.3585 Euro 3	**Daily IV 2.8 TD 35 C 15/ /40 C 15/50 C 15/60 C 15/ /65 C 15**	9/01 →	2798 ccm	108 kW (146 PS)	94,4 / 4						



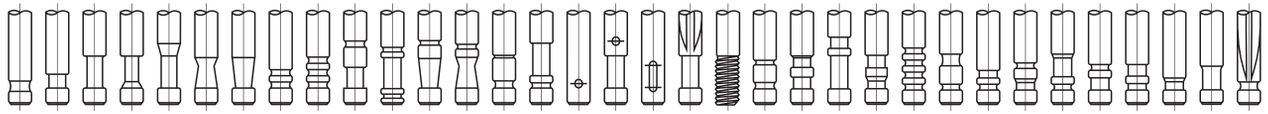
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. DW8, WJZ Euro 2	**Scudo 1.9 D**	6/98 →	1868 ccm	51 kW (69 PS)	82,2 / 4	IN	PFIA031	93510415	38,5x8,0x112,4	45	1
ENG. WJY Euro 2	**Scudo 1.9 D**	6/98 →	1868 ccm	44-52 kW (60-71 PS)	82,2 / 4			96005391			
ENG. D9B	**Scudo 1.9 D**	10/95-5/00	1905 ccm	51 kW (70 PS)	83 / 4			LGH10051			
ENG. XUD 9A	**Scudo 1.9 D**	10/95-5/00	1905 ccm	47-52 kW (64-71 PS)	83 / 4			LGH10053			
	Ducato 1.9 D	4/98 →						0948.59			
ENG. XUD9 TF	**Scudo 1.9 TD**	10/95-5/00	1905 ccm	68 kW (92 PS)	83 / 4			0948.63			
	Ulysse 1.9 TD	5/95-7/97						9601136380			
	Ducato 10 1.9 TD	3/94-7/97						9630597380			
ENG. DHX, D8B, XUD 9BTF, XUD 9TE	**Scudo 1.9 TD**	10/95-5/00	1905 ccm	66-68 kW (90-92 PS)	83 / 4			12911-86CA0			
	Ulysse 1.9 TD	1/95 →						12911-66G00			
	Ducato 10 1.9 TD	4/98-10/01						12832-66G00			
	Ducato 14 1.9 TD	4/98-10/01						22211-29000			
								50054982			
						EX	PFIA032	93510773	33,0x8,0x111,9	45	1
								93510774			
								93501280			
								93501072			
								95501280			
								96005392			
								96272853			
								0949.47			
								0949.59			
								0949.60			
								0949.64			
								0949.74			
								LGH10052			
								LGH10054			
								LGH10075			
								9613736280			
								9751669380			
								12915-86CA0			
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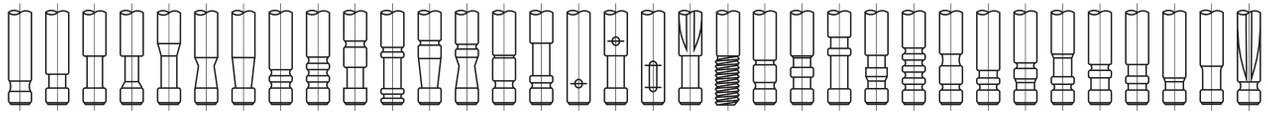
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. 8144.65.200, 8144.65.300	**131 2.0 D**	3/78-1/84	1995 ccm	44 kW (60 PS)	88 / 4	IN	PFIA035 (PIVE001)	4733348	40,9x8,0x121,9	30	1
	132 2.0 D	3/78-5/81						4813760			
ENG. 8142.61	**131 2.5 D**	6/78-12/84	2445 ccm	53 kW (72 PS)	93 / 4			7701462677			
	Campagnola 2.5 D	6/79-10/86				IN	PFIA029 (PIVE003)	4757358	41,0x8,0x120,8	30	1
ENG. 8144.61	**132 D**	78 →	2445 ccm	53 kW (72 PS)	93 / 4			7301820			
	Argenta	81 →						504069200			
	Daily/Ducato/Grinta	78 →						7701030863			
ENG. 8140.61	**Combi/Daily/Grinta 2.5 D**	79 →	2445 ccm	53 kW (72 PS)	93 / 4			7701462678			
								7701463603			
								7701467250			
								0948.A2			
						EX	PFIA030 (PIVE002)	4733349	32,9x8,0x122,0	45	1
								7701462679			
ENG. 127 A5.000	**127 1.3 D**	4/81-5/83	1297 ccm	33 kW (45 PS)	76 / 4	IN	PFIA038	4424173	34,0x8,0x112,0	45	1
	147 1.3 (BR)					EX	PFIA039	4424174	29,0x8,0x112,0	45	1
	Fiorino 1.3 D	3/82-8/93									
	Uno 1.3 D	6/83-3/92									
ENG. 146 B1.000	**Fiorino 1.3 D**	3/82-12/87	1297 ccm	33 kW (45 PS)	76 / 4						
	Uno 1.3 D	5/83-3/92									
ENG. 156 A5.000	**Panda 1.3 D**	3/86-8/92	1297 ccm	27 kW (37 PS)	76 / 4						



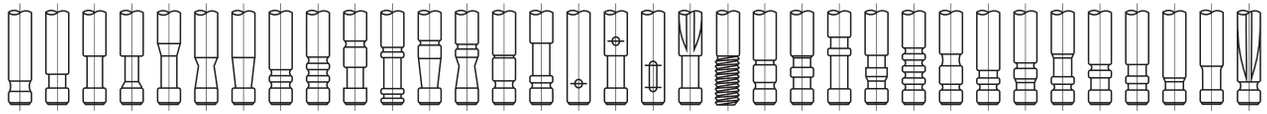
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. 8060.25.4600	**Series 315.8.18**	6/91 →	5499 ccm	130 kW (177 PS)	103 / 6	IN	PFIA041 (PIVE022)	4824416	45,5x8,0x125,5	30	1
ENG. 8035.05.200, 206, 208, 265, 306, 307, 308, 309	**Series 60/60, CL/60, DT/60, LM, 60 LM DT, 60-46, 60-56, 60-65, 60-66, 60-75, 60-85, 60-86, F 4 M, FL 4 M**	3/84 →	2931 ccm	42-44 kW (57-60 PS)	104 / 3			1904656 4784888 4803805 1908408 353722			
ENG. 8040.05.200, 203, 230, 232, 233, 235	**Series 60-90/A 60-9/50-9/ 60-9/65-9 Zeta**	1/87-12/92	3908 ccm	65 kW (88 PS)	104 / 4			4824417 98435622			
ENG. 8040.25B.4200	**60/65 E 10 EuroCargo**	1/91-5/96	3908 ccm	75 kW (102 PS)	104 / 4			99432652			
ENG. 8040.25R.4200	**79 E 12 EuroCargo**	86-91	3908 ccm	85 kW (115 PS)	104 / 4	EX	PFIA042 (PIVE023)	4784889	37,5x8,0x125,5	45	1
ENG. 8040.25X.4000, 4947	**60/65/75 E 12 EuroCargo**	1/91-5/96	3908 ccm	85 kW (116 PS)	104 / 4			4784890 4784490			
ENG. 8040.25.200, 201, 202, 203, 207, 208, 220, 222, 223, 225, 229, 231, 233, 234, 400, 420	**60/65/75 E 12 EuroCargo 79-12/60-11/65-12/79-12 TurboZeta**	86-12/92	3908 ccm	74-85 kW (101-115 PS)	104 / 4			4789890 4806717 4806718 1904654			
ENG. 8040.45D.5100, 5101, 5103, 5105 Euro 2	**65/75 E 12 EuroCargo 75 E 14 EuroCargo**	1/94 →	3908 ccm	85 kW (115 PS)	104 / 4			1904655 1904666			
ENG. 8040.45X.4180, 4182, 8040.45.410 Euro 1	**60/65/75 E 14 EuroCargo**	1/91-5/96	3908 ccm	100 kW (136 PS)	104 / 4			1908409 1908410			
ENG. 8040.45.4000, 4010, 4020, 4030, 4035, 4050, 4090, 4180, 4300, 4303, 4305, 4380, 4381, 4800	**60/65/75/80 E 14 EuroCargo**	1/91-4/01	3908 ccm	100 kW (136 PS)	104 / 4			99432717 99432718	Grubość grzybka +0,70 [mm]		
ENG. 8040.45.5200, 5201, 5203, 5205, 5280, 5281 Euro 2	**65/75 E 14 EuroCargo**	96 →	3908 ccm	100 kW (136 PS)	104 / 4	IN	PFIA182		45,5x8,0x125,5	30	1
						IN	PFIA259		45,5x8,0x125,5	45	1
						EX	PFIA183		37,5x8,0x125,5	45	1



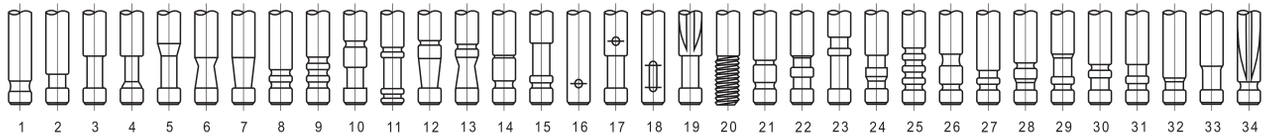
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. RHV	**Ducato 10/14/15 2.0 JTD**	10/01 →	1997 ccm	63-68 kW (86-92 PS)	85 / 4	IN	PFIA059	0948.95 9624774280	35,6x6,0x107,1	45	9
	Ducato II 2.0 JTD 8V	4/02-7/06				EX	PFIA060	0949.96	33,8x6,0x107,1	45	9
ENG. RHZ (DW10ATED)	**Scudo 2.0 JTD**	10/99 →	1997 ccm	80-81 kW (109-110 PS)	85 / 4			9624774580			
	Ulysse 2.0 JTD	7/99-9/02									
ENG. RHX	**Scudo 2.0 JTD**	10/99 →	1997 ccm	80 kW (109 PS)	85 / 4						
ENG. 182 A7.000	**Barchetta 1.9 TD**	03/96 →	1910 ccm	74 kW (101 PS)	82 / 4	IN	PFIA063	46527855	37,5x8,0x114,5	45	9
	Brava/Bravo 1.9 TD	3/96-9/01						7798620			
	Marea 1.9 TD	10/96-2/99				EX	PFIA064	46527856	31,0x8,0x114,5	45	9
	Marengo 1.9 TD	1/97-2/99						7783225			
ENG. 182 A8.000	**Barchetta 1.9 TD**	03/96 →	1910 ccm	55 kW (75 PS)	82 / 4						
	Brava/Bravo 1.9 TD	3/96-9/01									
	Marea 1.9 TD	10/96-9/02									
	Marengo 1.9 TD	3/99-9/02									
ENG. 185 A2.000	**Marea 2.4 TD**	10/96-2/99	2381 ccm	91 kW (124 PS)	82 / 5						
ENG. 223 A6 .000 Euro 3	**Doblò 1.9 D**	01 →	1910 ccm		82 / 4						
	Doblò Cargo 1.9 D	01 →									
	Palio 1.9 D	01 →									
	Strada 1.9 D	01 →									
ENG. 188 A3.000 Euro 2 - 3	**Punto 1.9 D**	99 →	1910 ccm		82 / 4						
	Punto Van 1.9 D	99 →									



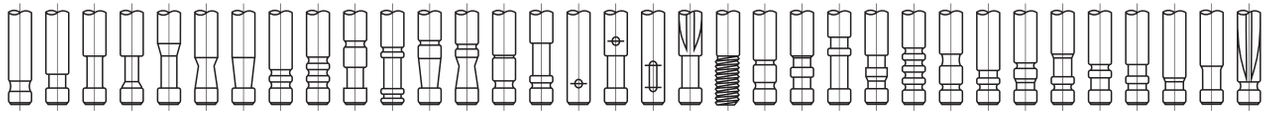
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. 937 A7.000	**Stilo 1.9 JTD**	10/01 →	1910 ccm	85 kW (115 PS)	82 / 4	IN	PFIA065	46750859	35,5x8,0x115,0	45	9
ENG. 839 A5.000	**Marea 2.4 JTD 20V**	4/99 →	2387 ccm	96-98 kW (131-133 PS)	82 / 5			46478834			
ENG. 223 A6.000	**Doblo 1.9 D**	7/00-2/01	1910 ccm	46 kW (63 PS)	82 / 4			55193126			
	Palio 1.9 D	1/03 →						60816038			
	Strada 1.9 D	11/00 →						641083			
ENG. 939 A1.000	**Croma 1.9 JTD 8V**	05 →	1910 ccm		82 / 4	EX	PFIA066	46764378	34,5x8,0x115,0	45	9
								46416321			
								46783962			
								55202630			
								60814604			
								60816025			
								641089			
ENG. 8140.63.4000 Euro 3	**Daily III 2.8 TD 35-8**	5/99-12/01	2798 ccm	62 kW (85 PS)	94,4 / 4	IN	PFIA071 (PIVE005)	98468338	43,5x8,0x122,0	30	1
ENG. 8140.63	**Ducato 10/14/18 2.8 D**	96 →	2798 ccm	64 kW (87 PS)	94,4 / 4			7701030863			
								7701463603			
						EX	PFIA050 (PIVE013)	99432837	36,0x8,0x122,0	45	1
								5001836573			
								0949.A0			
ENG. 8140.67F	**New Daily 2.5 D**	96 →	2499 ccm	60 kW (82 PS)	93 / 4	IN	PFIA071 (PIVE005)	98468338	43,5x8,0x122,0	30	1
ENG. 8140.67.2000	**30.8 - 35.8 Daily Eco Diesel**	90 →	2499 ccm	55-63 kW (75-86 PS)	93 / 4			7701030863			
								7701463603			
	Ducato 2.5D	94 →				EX	PFIA072 (PIVE006)	98418161	36,7x8,0x122,0	45	1
ENG. 8140.63.4000 Euro 3	**Daily III 2.8 TD 35-8**	5/99-12/01	2798 ccm	62 kW (85 PS)	94,4 / 4			7701467249			
ENG. 8140.63	**Ducato 10/14/18 2.8 D**	96 →	2798 ccm	64 kW (87 PS)	94,4 / 4						



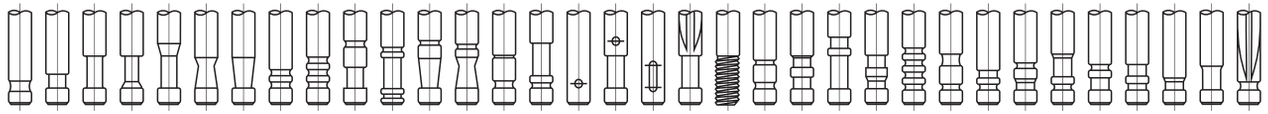
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. F2 BE 0681 C Euro 3 (Cursor 8)	**190/260 E 27 EuroTech** **190 E 27 Stralis AD/AT**	10/98 →	7790 ccm	200 kW (272 PS)	115 / 6	IN	PFIA073 (PIVE007)	500354682 500354685	40,0x8,0x174,5	30	1
ENG. F2 BE 0681 D Euro 3 (Cursor 8)	**260 E 24 EuroMover** **190/260 E 24 EuroTech** **180/190 E 24 EuroTrakker**	10/98 →	7790 ccm	180 kW (245 PS)	115 / 6	IN EX	PFIA073 (PIVE007) PFIA074 (PIVE008)	504042365 99456803 500354687 504042363	40,0x8,0x174,5 39,0x8,0x173,3	30 45	1 1
ENG. F2 BE 0681 CA/DA/DB Euro 3	**190/260 E 24 EuroMover**	6/00 →	7790 ccm	180 kW (245 PS)	115 / 6			504078215			
ENG. F2 BE 0681 E Euro 2	**190/260 E 24 EuroMover** **260 E 24 EuroTech**	6/00 →	7790 ccm	180 kW (245 PS)	115 / 6			99457210			
ENG. F2 BE 0681 F Euro 3	**190/260 E 31 EuroTech**	11/98 →	7790 ccm	228 kW (310 PS)	115 / 6						
ENG. F3 AE 0681 B Euro 3 (Cursor 10)	**190/260/440 E 40 EuroStar** **190/260/440 E 40 EuroTech** **190/260/440 S 40 Stralis AD/AS/AT**	7/00 →	10308 ccm	294 kW (400 PS)	125 / 6	IN EX	PFIA075 (PIVE011) PFIA076 (PIVE012)	504042366 500355776 504042367 500355779	43,0x9,0x202,9 42,0x9,0x201,6	30 45	1 1
ENG. F3 AE 0681 D Euro 3 (Cursor 10)	**180/190/240/260/ 400/440 E 43 EuroStar** **180/190/240/260/ 400/440 E 43 EuroTech** **190/260/440 S 43 Stralis AD/AS/AT**	10/99 →	10308 ccm	316 kW (430 PS)	125 / 6						
ENG. F3 AE 0681 E Euro 3	**190/260/440 E 39 EuroStar**	11/99-6/02	10308 ccm	287 kW (390 PS)	125 / 6						



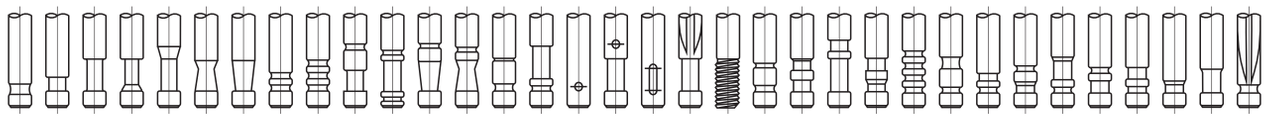
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
	190/260/440 E 39 EuroTech					IN	PFIA075 (PIVE011)	504042366 500355776	43,0x9,0x202,9	30	1
ENG. F3 AE 3681 A Euro 5	**190/260/440 S 45 Stralis AD/AS/AT**	12/06 →	10308 ccm	331 kW (450 PS)	125 / 6	EX	PFIA076 (PIVE012)	504042367 500355779	42,0x9,0x201,6	45	1
ENG. F3 AE 3681 B Euro 5	**440 S 42 Stralis AT**		10308 ccm	310 kW (421 PS)	125 / 6						
ENG. F3 AE 3681 D Euro 5	**190/260/440 S 42 Stralis AD/AS/AT**		10308 ccm	310 kW (421 PS)	125 / 6						
ENG. 192 A5.000	**Stilo 1.9 JTD 16V**	1/04-9/07	1910 ccm	103 kW (140 PS)	82 / 4	IN	PFIA081	55195535	27,9x6,0x114,4	45	9
ENG. 939 A1.000	**Croma 1.9 JTD**	6/05 →	1910 ccm	88 kW (120 PS)	82 / 4			55190248			
	Grande Punto 1.9 JTD	10/05 →						55202556			
ENG. 939 A2.000, 937 A5.000	**Bravo II 1.9 JTD 16V**	3/07 →	1910 ccm	110 kW (150 PS)	82 / 4			46802049			
	Croma 1.9 JTD 16V	6/05 →						641073			
	Stilo 1.9 JTD 16V	9/05 →						641074			
ENG. 939 A3.000	**Croma 2.4 JTD 20V**	05 →	2387 ccm		82 / 5			641075			
→ ENG. No. 5192516	**Stilo 2.4 JTD 20V**	03 →	2400 ccm		82 / 5			93178587			
								93185523			
						EX	PFIA082	46787902	25,8x6,0x114,4	45	9
								55190249			
								55202557			
								641385			
								641386			
								93178588			
ENG. RHM (DW10ATED4)	**Ulysse 2.0 JTD**	5/03 →	1997 ccm	79 kW (107 PS)	85 / 4	IN	PFIA088	9635317980	30,0x6,0x106,2	45	9
ENG. RHW (DW10ATED4)	**Scudo 2.0 JTD**	5/99-12/06	1997 ccm	80 kW (109 PS)	85 / 4			1231931			
	Ulysse 2.0 JTD	8/02 →						0948.C0			
	Ulysse 2.0 JTD 16V	5/99-8/02				EX	PFIA089	9635318480	25,0x6,0x106,2	45	9



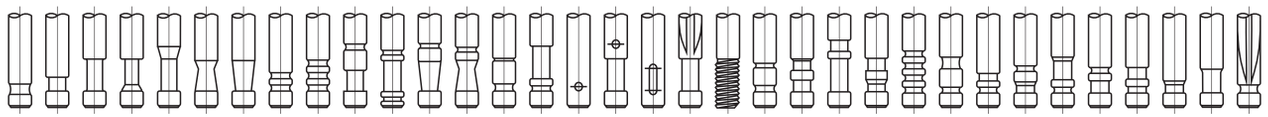
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. DW12TED4, 4 HW, 4 HX	**Ulysse 2.2 JTD 16V**	9/02 →	2179 ccm	94-100 kW (128-136 PS)	85 / 4	IN	PFIA090	9627184380	30,0x6,0x105,0	45	9
ENG. DW10BTED4	**Scudo 2.0 JTD 140 16V**	1/07 →	1997 ccm	100 kW (136 PS)	85 / 4			0948.A3			
	Ulysse 2.0 JTD 16V	7/06 →						1231931			
ENG. DW12BTED4	**Ulysse 2.2 JTD 16V**	12/07 →	2179 ccm	125 kW (170 PS)	85 / 4			3M5Q6507BA			
								8653745			
						EX	PFIA091	9634437580	25,0x6,0x105,0	45	9
								0949.A3			
								1231930			
								3M5Q6505BA			
								8653744			
ENG. B 22/615	**Series 242**	5/74-1/78	2175 ccm	45 kW (62 PS)	90 / 4	IN	PFIA092	5478734	42,0x8,0x121,5	45	9
ENG. B 25/637	**Series 242**	1/79-5/85	2499 ccm	50 kW (68 PS)	93 / 4			5478734G			
ENG. U25/651	**Ducato 10/13/14/18 2.5 D**	83-93	2499 ccm	54-55 kW (73-75 PS)	93 / 4			95569116			
								9555275080			
								5471746			
								0948.45			
						EX	PFIA093	5457479	35,0x9,0x121,5	45	9
								9555275280			
								95569117			
								5414239			
								0949.46			



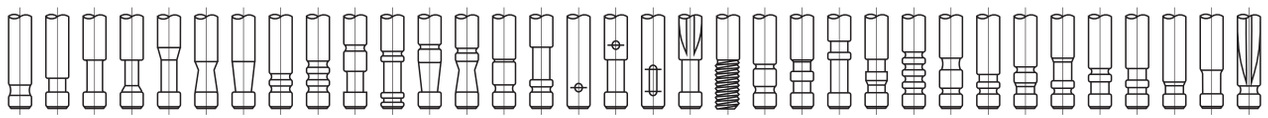
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. 188 A9.000, 196 A1.000	**Doblo 1.3 JTD 16V**	5/04 →	1251 ccm	51 kW (69 PS)	69,6 / 4	IN	PFIA153	46518930	22,0x6,0x109,3	45	9
	Idea 1.3 JTD 16V	1/04 →						55195680			
	Palio 1.3 JTD 16V	7/03 →						55219965			
	Panda II 1.3 JTD 16V	10/03 →						641072			
	Punto 1.3 JTD 16V	7/03 →						641077			
	500 1.3 MTJ 16V	07 →						93186090			
	Qubo 1.3 MTJ 16V	09 →						12911-85E00			
ENG. 199 A2.000	**Panda II 1.3 JTD 16V**	6/06 →	1248 ccm	55 kW (75 PS)	69,6 / 4	EX	PFIA154	46518931	22,0x6,0x109,3	45	9
	Grande Punto 1.3 JTD 16V	10/05 →						55202685			
	Punto EVO 1.3D Multijet 16V	10/09 →						55208213 641071			
ENG. 199 A3.000	**Doblo II 1.3 M-Jet 16V**	1/10 →	1248 ccm	66-77 kW (90-105 PS)	69,6 / 4			641402			
	Idea 1.3 JTD 16V	10/05 →						93177306			
	Linea 1.3 JTD 16V	6/07 →						93190438			
	Grande Punto 1.3 JTD 16V	10/05 →						12915-85E00			
	Punto EVO 1.3D Multijet 16V	10/09 →									
ENG. F1 AE 0481 A Euro 3	**Daily IV 2.3 TD 29 L 10/35 C 10**	9/02-3/06	2286 ccm	71 kW (96 PS)	88 / 4	IN	PFIA161	500362855 504069199	30,0x6,0x120,4	45	9
	Daily IV 3.0 TD 35 S 10					EX	PFIA162	500362856	30,0x6,0x120,4	45	9
ENG. F1 AE 0481 B Euro 3	**Daily IV 2.8 TD 29 L 12**	9/02-3/06	2286 ccm	85 kW (116 PS)	88 / 4						
	Daily IV 3.0 TD 35 C 12/35 S 12										



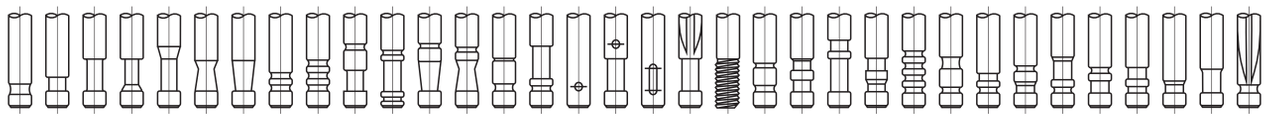
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. F1 AE 0481 C Euro 3	**Ducato 11/15/18 2.3 JTD**	4/02-8/06	2286 ccm	81 kW (110 PS)	88 / 4	IN	PFIA161	500362855 504069199	30,0x6,0x120,4	45	9
ENG. F1 AE 0481 D Euro 4	**Ducato 11/15/17/20 2.3 JTD**	6/06 →	2286 ccm	88 kW (120 PS)	88 / 4	EX	PFIA162	500362856	30,0x6,0x120,4	45	9
ENG. F1 AE 0481 F Euro 4	**Ducato 11/15/17/20 2.3 JTD**	6/06 →	2286 ccm	88 kW (120 PS)	88 / 4						
ENG. F1 AE 0481 F Euro 4	**Daily V 29 L 10/35 C 10/35 S 10/40 C 10/40 S**	7/06 →	2286 ccm	70 kW (95 PS)	88 / 4						
ENG. F1 AE 0481 M	**Daily IV 2.3 TD 29 L 14** **Daily IV 3.0 TD 35 C 14/35 S 14**	9/02-3/06	2286 ccm	100 kW (136 PS)	88 / 4						
ENG. F1 AE 0481 R Euro 4	**Daily V 35 C 12/35 S 12**	5/07 →	2286 ccm	85 kW (116 PS)	88 / 4						
ENG. 8025.01	**Series 250/255/300**	66-12/79	1560 ccm	18 kW (25 PS)	95 / 2	IN	PFIA178 (PIVE018)	4621483	44,0x8,0x126,0	45	1
ENG. 803.000	**Series 612/616**	66-71	2340 ccm	28 kW (38 PS)	95 / 3			4659379			
ENG. 8030.01	**Series 616**	1/71-5/79	2340 ccm	28-37 kW (38-51 PS)	95 / 3			1901963			
ENG. 8035.01.303	**Series 400/420/450/ 455/R 450**	1/68-3/86	2338 ccm	28-35 kW (38-48 PS)	95 / 3			1902205 60105343			
ENG. 804.000, 8040.01	**Series 625**	66-71	3120 ccm	40-52 kW (54-70 PS)	95 / 4	EX	PFIA179 (PIVE019)	4658055	37,0x8,0x125,8	45	1
ENG. 8045.01	**Series 550/555/625/ TL 5**	66-71	3120 ccm	40-54 kW (52-70 PS)	95 / 4			4621484 4673608			
ENG. 806.000, 8060.01, 8065.01.000	**Series 225/314/416/ 645/650/655/662**	1/60-12/72	4678 ccm	66-81 kW (90-110 PS)	95 / 6				Grubość grzybka +0,50 [mm]		
ENG. 8025.02.001, 004, 304, 311		72 →	1727 ccm	24 kW (32 PS)	100 / 2	IN	PFIA180 (PIVE020)		44,0x8,0x126,0	45	1
ENG. 8030.02		1/71-5/79	2592 ccm	46 kW (62 PS)	100 / 3						



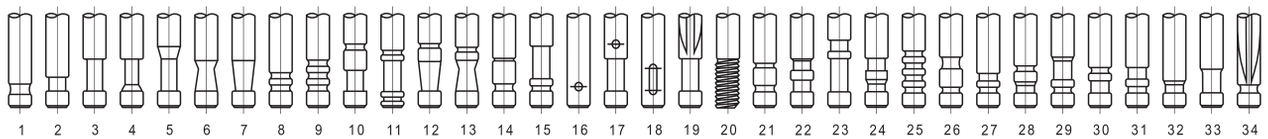
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. 8035.02.201, 202, 210, 212, 261, 265, 276, 300, 302, 310, 312, 350, 353, 355, 356, 361, 365, 376		70 →	2592 ccm	29-46 kW (39-62 PS)	100 / 3	EX	PFIA181 (PIVE021)		37,0x8,0x125,8	45	1
ENG. 8035.06.200, 206, 208, 216, 220, 222, 223, 306, 307, 308, 309, 317, 320, 321, 322, 323		3/84 →	2708 ccm	33-40 kW (40-54 PS)	100 / 3						
ENG. F4 AE 0481 A	**75/80/85/90/100/120 E17 EuroCargo**	9/00 →	3922 ccm	125 kW (170 PS)	102 / 4	IN	PFIA184	4895052 1404919 3802924 3940735	33,0x7,0x124,6	30	1
	75/80/90/100/120 E18 EuroCargo										
	80/100/120 EL17 EuroCargo					EX	PFIA185	4895051 1404918 1409671	33,0x7,0x124,2	45	1
	120 EL18 EuroCargo										
ENG. F4 AE 0481 C	**65/75/80 E15 EuroCargo**	8/00-8/03	3922 ccm	110 kW (149 PS)	102 / 4			3802967			
ENG. F4 AE 0481 D	**65/75 E13 EuroCargo**	8/00-8/03	3922 ccm	95 kW (130 PS)	102 / 4			3940734			
ENG. F4 AE 0681 A	**120/130/140/150/ 160/180/260/320 E28 EuroCargo**	9/00 →	5883 ccm	202 kW (275 PS)	102 / 6						
ENG. F4 AE 0681 B	**120/130/140/150/ 180 E24 EuroCargo**	9/00-8/03	5883 ccm	176 kW (239 PS)	102 / 6						
ENG. F4 AE 0681 D	**80/90/100/120/130/ 140/150/160/180 E21 EuroCargo**	9/00 →	5883 ccm	154 kW (210 PS)	102 / 6						
ENG. F4 AE 0681 E	**75/80/90/100/120/ 130/140 E18 EuroCargo**	9/00-8/03	5880 ccm	134 kW (182 PS)	102 / 6						



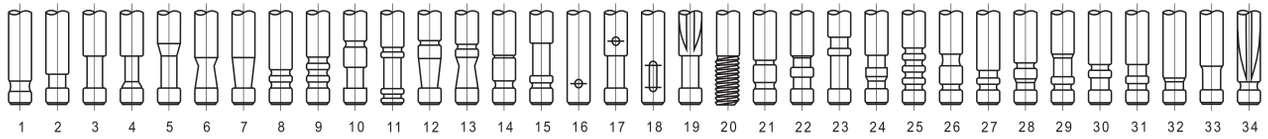
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. 8060.24.001	**Series 80-16** **Series 315.8.17**	→ 12/88 85-87	5499 ccm	124 kW (169 PS)	103 / 6	IN	PFIA190 (PIVE024)	4802204	44,5x8,0x125,6	30	1
ENG. 8060.24.601	**Series 115.17.1/135-17.1**	9/83-12/85	5499 ccm	124 kW (169 PS)	103 / 6	EX	PFIA179 (PIVE019)	4658055	37,0x8,0x125,8	45	1
ENG. 8060.24.670, 8060.24.671			5499 ccm	118 kW (160 PS)	103 / 6			4621484			
ENG. 8060.24.678			5500 ccm	123 kW (167 PS)	103 / 6			4673608			
ENG. 8065.24 Turbo	**1280-1380**		5500 ccm		103 / 6						
ENG. CO 3 D	**Series 750/800/805/850/880**	68 →	4940 ccm	63 kW (85 PS)	110 / 4	IN	PFIA192 (PIVE026)	8823545 8823548	43,0x8,0x138,0	45	1
	Leoncino A15	66 →				EX	PFIA193 (PIVE027)	8823544 8823549	36,5x8,0x138,0	45	1
	Cerbiatto	66 →									
	Tigrotto 50/55/65/75	66 →							Grubość grzybka +0,70 [mm]		
	OM 80/90/100/110	66 →									
ENG. CP3	**673N/NR/T - 130 R/T**	68 →	7410 ccm	124 kW (169 PS)	110 / 6	IN	PFIA194		43,0x8,0x138,0	45	1
	OM 100/120/130	68 →				EX	PFIA195		36,5x8,0x138,0	45	1
ENG. CN3	**650 S/655/655 C**		3706 ccm		110 / 3						
ENG. CO3	**750/805 C/880**		4562 ccm		110 / 4						
ENG. CO3/70	**850/850 Super/880**		4941 ccm		110 / 4						
ENG. CP3	**100 C/120 C/1300**		7412 ccm		110 / 6						
ENG. 8340.04.000	**Series 50** **F 9/65-10/70/75**	6/77-12/82	4570 ccm	66-74 kW (90-100 PS)	115 / 4	IN	PFIA196 (PIVE028)	8824754 4821709	48,5x8,0x137,5	45	1
ENG. 8340.05.000	**Series 60/70/90-12/130**	77 →	5401 ccm	78 kW (106 PS)	115 / 4	EX	PFIA197 (PIVE029)	8830045	41,0x8,0x137,5	45	1
ENG. 8340.06.000	**Series 50-10/50-9/ 55-10/60-10/65-10/|75-10/79-10**	6/77-1/87	4570 ccm	74 kW (100 PS)	115 / 4			8825776	Grubość grzybka +0,70 [mm]		



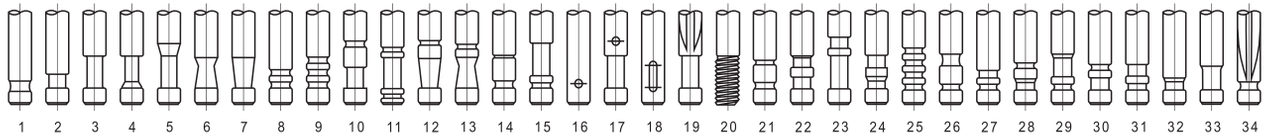
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. 8360.04.200	**Series 110/120/129/ 130/140/150**	5/78 →	6855 ccm	106-107 kW (145 PS)	115 / 6	IN	PFIA198		48,5x8,0x137,5	45	1
						EX	PFIA199		41,0x8,0x137,5	45	1
ENG. 8360.04.300	**Series 110/130**	5/78 →	6855 ccm	106-107 kW (145 PS)	115 / 6						
ENG. 8360.05.200	**Series 150**	6/78 →	8101 ccm	117-124 kW (159-169 PS)	115 / 6						
ENG. 8360.05.254	**Series 159**	6/78 →	8101 ccm	117-124 kW (159-169 PS)	115 / 6						
ENG. 8360.05.300	**Series 140/150/159**	6/78 →	8101 ccm	117-124 kW (159-169 PS)	115 / 6						
ENG. 8360.05.670/673	**Series 160**	6/78 →	8101 ccm	117-124 kW (159-169 PS)	115 / 6						
ENG. 8365.05.500	**Series 1580**	1/78 →	8101 ccm	94-114 kW (128-155 PS)	115 / 6						
ENG. 8365.05.520	**Series FG 75/95**	1/78 →	8101 ccm	94-114 kW (128-155 PS)	115 / 6	IN	PFIA196 (PIVE028)	8824754 4821709	48,5x8,0x137,5	45	1
ENG. 8365.05.530/531	**Series FE 20/24**	1/78 →	8101 ccm	94-114 kW (128-155 PS)	115 / 6						
ENG. 8365.05.560	**Series 10 CLGP/FL 10**	1/78 →	8101 ccm	94-114 kW (128-155 PS)	115 / 6	EX	PFIA197 (PIVE029)	8830045 8825776	41,0x8,0x137,5	45	1
ENG. 8365.05.570	**Series 10 C/10 CLGP/10 CTA**	1/78 →	8101 ccm	94-114 kW (128-155 PS)	115 / 6				Grubość grzybka +0,70 [mm]		
ENG. 8365.05.580	**Series FR 15**	1/78 →	8101 ccm	94-114 kW (128-155 PS)	115 / 6						
ENG. 8365.05.590	**Series 1355**	1/78 →	8101 ccm	94-114 kW (128-155 PS)	115 / 6	IN	PFIA198		48,5x8,0x137,5	45	1
ENG. 8365.25.500	**Series 160-90/180-90/ 1580/1880/FA 150/ FD 14/FE 28/FG 85/ FG 95/FL 14/FR 15/ FR 20/FR 158**	1/80 →	8101 ccm	118-147 kW (160-200 PS)		EX	PFIA199		41,0x8,0x137,5	45	1
ENG. 8365.25.533	**Series FH 300**	1/80 →	8101 ccm	118-147 kW (160-200 PS)	115 / 6						
ENG. 8365.25.590	**Series 160**	1/80 →	8101 ccm	118-147 kW (160-200 PS)	115 / 6						
ENG. 8360.03	**150 NC17 - 150NR/ NT, 159 NC17**	77 →	8100 ccm		115 / 6						
ENG. CO3 - 130T	**Tractor 80 C - 90 C**	77 →	5401 ccm		115 / 4						



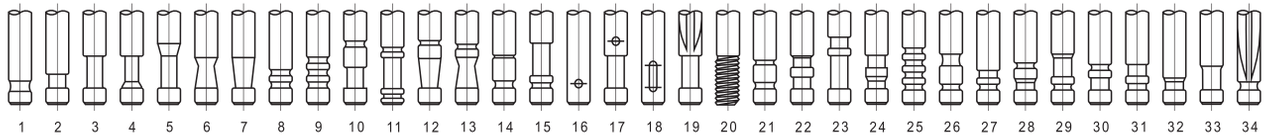
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. 8060.45S Euro 1 6000, 6010, 6020, 6030, 6040, 6045, 6052, 6070, 6110, 6120, 6130, 6140, 6150, 6203, 6700, 6705, 6706, 6707, 6710, 6711, 6800, 6912	**60 E 23 EuroCargo** **120/130/135 E 23 EuroCargo** **150/170 E 23 EuroCargo** **260/280 E 23 EuroCargo** **130 E 24 EuroCargo**	10/91 →	5863 ccm	167 kW (227 PS)	104 / 6	IN	PFIA200 (PIVE030)	98497235 98429886 1908394	46,0x9,0x141,2	30	1
						EX	PFIA201 (PIVE031)	99433902 98412705 1908395	38,3x9,0x141,2	45	1
ENG. 8060.45S Euro 2 7200, 7201, 7203, 7205, 7210, 7211, 7213, 7215, 7250, 7251, 7255	**120/130/135 E 23 EuroCargo** **150/170 E 23 EuroCargo** **260/280 E 23 EuroCargo** **180 E 23 SuperCargo**	96 →	5863 ccm	167 kW (227 PS)	104 / 6						
ENG. 8360.46R.416, 676 Euro 1	**180/190 E 24 EuroTech**	7/92 →	7685 ccm	175 kW (238 PS)	112 / 6	IN	PFIA202 (PIVE032)	98497241 98443427	47,0x9,0x142,0	25	1
ENG. 8360.46R.4106, 6806 Euro 2	**180/190 E 24 EuroTech**	96 →	7685 ccm	175 kW (238 PS)	112 / 6						
ENG. 8360.46.415, 417, 507, 6307, 697 Euro 1	**150/170/175 E 27 EuroCargo** **179/180/190 E 27 EuroCargo** **260/320/325 E 27 EuroCargo** **150/180/190/320 E 27 EuroTech**	9/91 →	7685 ccm	196 kW (267 PS)	112 / 6			98448462 9848462 4680106			
						EX	PFIA203 (PIVE033)	99438924 1908427 4860107	42,5x9,0x142,3	45	1
ENG. 8360.46.4107, 4205, 4370, 4637, 4649, 4807, 5007, 5105, 5307, 6205 Euro 2	**150/170/175 E 27 EuroCargo** **179/180/190 E 27 EuroCargo** **260/320/325 E 27 EuroCargo**	94 →	7685 ccm	196 kW (267 PS)	112 / 6						



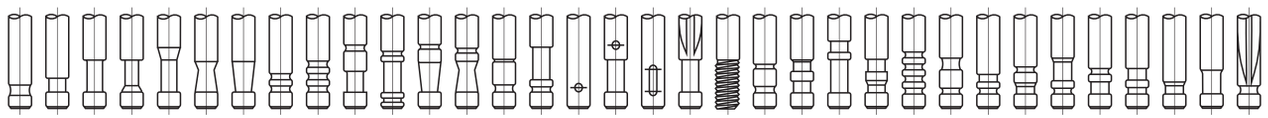
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. 8460.21.002	**Series 175/FA 200/FD 208/FR 206/FR 220/ TX 66**	9/86 →	9498 ccm	176-192 kW (239-261 PS)	120 / 6	IN	PFIA204 (PIVE034)	61316814 61320865 61320722	49,5x9,0x147,3	30	1
ENG. 8460.21.004/006/ 008/020/042	**Series 175**	9/86-7/92	9498 ccm	176-192 kW (239-261 PS)	120 / 6			61318428			
						EX	PFIA205 (PIVE035)	61315973 61321255	43,0x9,0x146,0	45	1
ENG. 8460.21 102	**190.36 TurboTech** **240.36 TurboTech**	9/86-9/94 7/90-11/00	9498 ccm	176-192 kW (239-261 PS)	120 / 6	IN	PFIA204 (PIVE034)	61316814 61320865	49,5x9,0x147,3	30	1
ENG. 8460.21 106	**240.26 TurboTech**	7/90-11/00	9498 ccm	176-192 kW (239-261 PS)	120 / 6			61320722			
ENG. 8460.41 101	**190.32/220.32/240.32 TurboTech**	3/89 →	9498 ccm	234 kW (318 PS)	120 / 6			61318428			
						EX	PFIA205 (PIVE035)	61315973 61321255	43,0x9,0x146,0	45	1
ENG. 8460.41, 8469SG.10	**190/44DE** **400E30 Eurotech / Eurotrakker**	91 →	9498 ccm	177 kW (240 PS)	120 / 6						
ENG. 8210.42.009, 011, 101, 115	**180/190/240/260/ 400/440 E 38 EuroStar** **180/240/260/400/440 E 38 EuroTech** **Series 220/240/330/330-36** **260.36 TurboStar**	7/87 →	13798 ccm	265 kW (360 PS)	137 / 6	IN	PFIA224 (PIVE051)	98480846 4695850	58,9x11,0x169,9	45	1
						EX	PFIA225 (PIVE052)	98479276 99452179	48,8x11,0x169,9	45	1



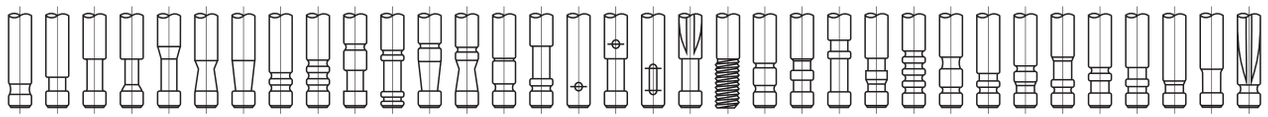
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. 8210.42K.300, 330, 331, 332, 340, 341, 342, 349, 369, 379, 850, 852, 862, 875, 877 Euro 1	**190/260/330/340 E 37 EuroTrakker**	4/92 →	13798 ccm	272 kW (370 PS)	137 / 6	IN	PFIA224 (PIVE051)	98480846 4695850	58,9x11,0x169,9	45	1
	380/400/410/440/720 E 37 EuroTrakker					EX	PFIA225 (PIVE052)	98479276 99452179	48,8x11,0x169,9	45	1
ENG. 8210.42K.3000, 3230, 3300, 3301, 3320, 3330, 3420, 3440, 3690, 3790 Euro 2		9/93 →	13798 ccm	272-276 kW (370-376 PS)	137 / 6						
ENG. 8210.42L.400, 412, 414, 430, 432, 440, 441, 442, 449, 460, 462, 469, 479, 499, 800, 825, 827 Euro 1	**190/240/260/400/440 E 42 EuroStar**	4/92 →	13798 ccm	309 kW (420 PS)	137 / 6						
	180/190/240/260/440 E 42 EuroTech										
	180/190/240/260/340/380/400/410/440/720 E 42 EuroTrakker										
ENG. 8210.42L.4000, 4140, 4300, 4301, 4320, 4330, 4400, 4420, 4440, 4490, 4600, 4601, 4610, 4611, 4620, 4640, 4690, 4790, 4880, 4930, 4990 Euro 2	**180/190/240/260 E 42 EuroTrakker**	1/95 →	13798 ccm	309 kW (420 PS)	137 / 6						
	340/380/400/410/440/720 E 42 EuroTrakker										
	440 E 38 EuroTrakker										
ENG. 8210.42M.5000, 5400, 5600, 5601, 5611, 5620, 5640 Euro 2	**190/240/260/380 E 47 EuroStar**	2/96-12/02	13798 ccm	345 kW (470 PS)	137 / 6						
	400/440/740 E 47 EuroStar										
ENG. 8210.22	**TurboStar 190.33**	81 →	13798 ccm	220-235 kW (300-320 PS)	137 / 6						
	TurboTech 190.30										
	From eng. N. 298109										
ENG. 8210.22X	**370S30**										



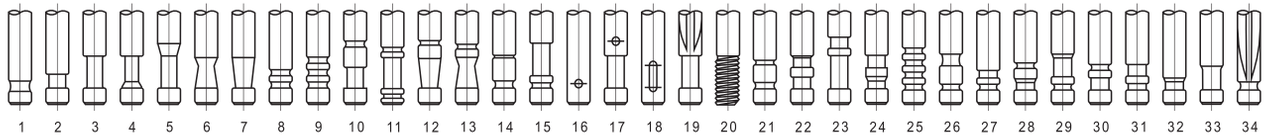
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. 8210.22V	**From eng. N. 298109** **EuroTrakker 190/380** **EuroTrakker 400/720 E31**					IN EX	PFIA224 (PIVE051) PFIA225 (PIVE052)	98480846 4695850 98479276	58,9x11,0x169,9 48,8x11,0x169,9	45 45	1 1
ENG. 8210.42M	**EuroStar 190/240/260** **EuroStar 400/440 E7**	92 →	13798 ccm	345 kW (470 PS)	137 / 6			99452179			
ENG. 8210.22.105	**TurboStar 190.33**	1/86-12/87	13798 ccm	220-243 kW (300-330 PS)	137 / 6						
ENG. F3 B 3681 B Euro 4	**190/260/320 S 50 Stralis AS** **440 S 50 Stralis AS**	12/06 →	12882 ccm	368 kW (500 PS)	135 / 6	IN EX	PFIA231 (PIVE055) PFIA232 (PIVE056)	500355778 500355780	47,0x10,0x199,3 46,0x10,0x198,0	30 45	1 1
ENG. F3 BE 0681 A Euro 3	**260/440/540 S 54 Stralis AS**	2/02 →	12882 ccm	397 kW (540 PS)	135 / 6			504080352			
ENG. 8210.12.000	**370.12.26**	1/80-87	13798 ccm	191 kW (260 PS)	137 / 6	IN	PFIA226 (PIVE053)	4673862	57,5x11,0x170,0	30	1
ENG. 8210.22.000, 069, 101, 105, 171, 175, 183, 235, 236, 269, 317, 327, 371, 373, 385, 406, 409, 599, 631	**Lorraine 300** **Series 170/190/220/ 240/250/260/320/ 330/370/190-30/330-30** **370 S 24**	2/80 →	13798 ccm	220-243 kW (300-330 PS)	137 / 6	 EX	 PFIA227 (PIVE054)	4837679 98497025 4849522 4673861 98407026	 48,0x11,0x170,0	 45	 1
ENG. 8210.22.419, 510, 511, 521, 523, 525, 535, 537, 559, 569, 571, 575, 581, 583, 585, 591, 859, 869	**Series 190/300/330/370** **370 S 24**	6/84 → 6/84 →	13798 ccm	220-235 kW (300-320 PS)	137 / 6						
ENG. 8215.22.542	**Series FR 20**	1/82-12/90	13798 ccm	182 kW (247 PS)	137 / 6	IN	PFIA229 (PIVE009)	98478407	57,4x11,0x170,0	30	1
ENG. 8210.42			13798 ccm	277 kW (377 PS)				98474603			



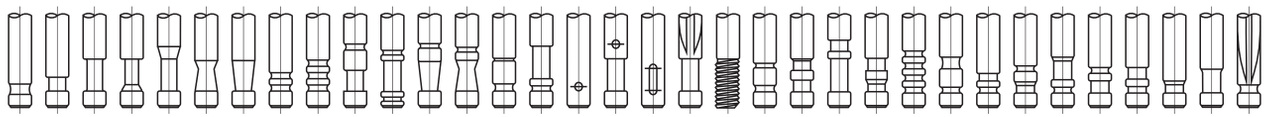
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. 8210.42K	**Astra HD 7 44.38/64.38/66.38** **EuroTrakker MP 190/ /260/340/380/400/ 410/440/720 E37**	1/93-11/04	13798 ccm	272 kW (370 PS)	137 / 6	EX	PFIA230 (PIVE010)	98497025 98474604 98497026	47,8x11,0x169,7	45	1
ENG. 8210.42L	**Astra HD 7 42.42/44.42/ 64.42/66.42/86.42** **EuroStar LD 260/400/ /400/440 E 42** **EuroTrakker MP 190/ /260/340/380/400/ 410/440/720 E42**	1/96 → 1/93-2/02 1/93-11/04	13798 ccm	309 kW (420 PS)	137 / 6						
ENG. DJ5 T, 8140.47R	**Ducato 2.5 TD**	7/94 →	2446 ccm	76 kW (104 PS)	92 / 4	IN	PFIA246	96180328 0948.84	41,0x7,0x115,6	45	9
						EX	PFIA247	96267448 0949.90	37,7x7,0x115,4	45	9
ENG. Peugeot	**Scudo 1.6 D**	06 →	1560 ccm	75 / 4		IN	PFIA257	0948.C7 1229882 30711498 9645024780	25,6x5,5x96,4	45	9
						EX	PFIA258	0949.C3 1229883 30711497 9640840080	23,4x5,5x96,6	45	9



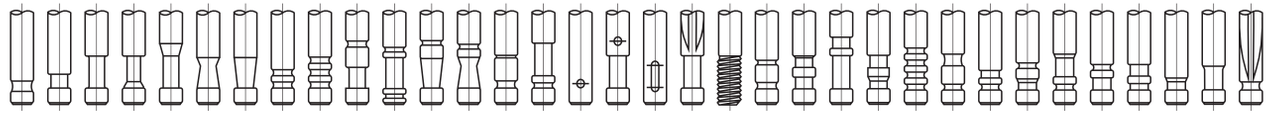
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. DJY	**Ducato 10 1.9 D**	4/98-10/01	1905 ccm	50-52 kW (68-71 PS)	83 / 4	IN	PFIA268	0948.46 93501279 93501070	38,0x8,0x112,4	30	1
						IN	PFIA268	93510415 96005391 LGH10051 LGH10053 0948.59 0948.63 9601136380 9630597380 12911-86CA0 12911-66G00 12832-66G00 22211-29000 50054982	38,5x8,0x112,4	45	1
						EX	PFIA032	93510773 93510774 93501280 93501072 95501280 96005392 96272853 0949.47 0949.59 0949.60 0949.64 0949.74 LGH10052 LGH10054 LGH10075 9613736280 9751669380 12915-86CA0 12915-66G00 22212-29000 50060609 6005392	33,0x8,0x111,9	45	1



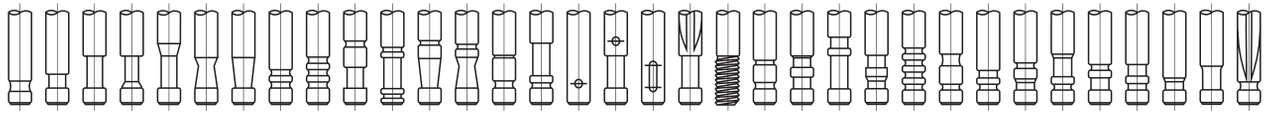
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. DJ5 T, 8140.47R	**Ducato 2.5 TD**	7/94 →	2446 ccm	76 kW (104 PS)	92 / 4	IN	PFIA269	96095457	36,9x7,0x127,9	45	9
ENG. DK5 ATE	**Ducato 2.5 TD**	93 →	2446 ccm	94-96 kW (128-130 PS)	92 / 4			97327262 0948.72			
						EX	PFIA270	96304239 96096146 0949.79	36,9x7,0x127,5	45	9
EN G. 4.203	**Series ACF 110** **Series ACP 40 / 50**	1/71-12/72 1/73 →	3335 ccm	44 kW (60 PS)	91,48 / 4	IN	PFIA271	31431261 713151M1 0910001	39,0x7,9x114,5	45	1
						EX	PFIA272	31431951 713152M1 0910002	33,5x7,9x114,5	45	1
ENG. 4.107	**Series FD 3**	1/72 →	1753 ccm	18-40 kW (25-55 PS)	79,375 / 4	IN	PFIA273	31431661 0910064	36,0x8,0x117,0	45	1
						EX	PFIA274	31431861 0910061	30,3x8,0x117,0	45	1
ENG. D 3.152	**Series 48**	1/88 →	2503 ccm	35 kW (47 PS)	91,48 / 3	IN	PFIA283	31431281	39,0x7,9x114,3	45	1
	Series 520	1/84 →						31431741			
	Series AC 160	1/71-12/75						732811M1			
ENG. D 4.203	**Series 620**	1/84 →	3335 ccm	40 kW (54 PS)	91,48 / 4	EX	PFIA284	31431271 31431591 31431731 31431941 737640M1	33,4x7,9x114,3 Grubość grzybka +1,0 [mm]	45	1
						IN	PFIA285		39,0x7,9x114,3	45	1
						EX	PFIA286	364902	33,4x7,9x114,3	45	1



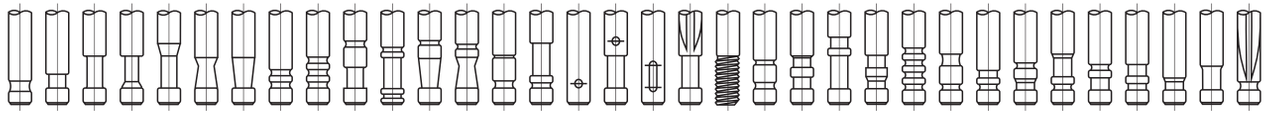
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. 4.236	**Series 84, Series 100**	1/69-12/75	3864 ccm	48-60 kW (59-80 PS)	98,48 / 4	IN	PFIA275	31431641	44,4x9,48x123,0	45	1
	Series 175	9/86 →						31431103			
	Series 600	1/80 →						31431163			
	Series 700, Series 820	1/84 →						733819M1			
	Series 3300					EX	PFIA276	31431881	36,5x9,46x123,4	45	1
	Series M 100	96-12/75						31431104			
	Series M 84	1/69-12/75						31431109			
ENG. 4.248	**Series 175**	9/86 →	4064 ccm	53-66 kW (72-90 PS)	101,054 / 4			31431164			
	Series 345	1/72-1/80						31431791			
	Series 840	1/72 →						31431851			
	Series 920	1/84 →						31431891			
ENG. 6.372	**Series 150**	1/71-12/75	6100 ccm	87 kW (118 PS)	101,054 / 4			31431931			
ENG. 6.372.4	**Series 3450**		6100 ccm	82-87 kW (112-118 PS)	101,054 / 4			733818M1			
						IN	PFIA281	3142H002	44,2x9,5x123,0	30	1
						EX	PFIA282	3142A052	36,5x9,5x123,5	45	1
						IN	PFIA277	31431402	44,4x9,86x123,0	45	1
								736813M1			
						EX	PFIA278	31431411	36,5x9,53x123,4	45	1
								736815M1			
									Grubość grzybka +1,0 [mm]		
						IN	PFIA279		44,4x9,48x123,0	45	1
						EX	PFIA280		36,5x9,46x123,4	45	1
ENG. 8365.25.500	**FIAT 90 Serie 180-90**	01/84 - 12/94	8101 ccm	132 kW (180 PS)	6/115	IN	PFIA248	8824754	48,4x8,0x137,7	45	1
ENG. 8365.05.500	**FIAT 1000 Serie 1580**	01/79 - 12/84		114 - 118 kW (155 - 160 PS)		EX	PFIA249	8825776	40,9x8,0x138,0	45	1
ENG. 8365.25.500	**FIAT 1000 Serie 1880**	01/79 - 12/84		132 kW (180 PS)							



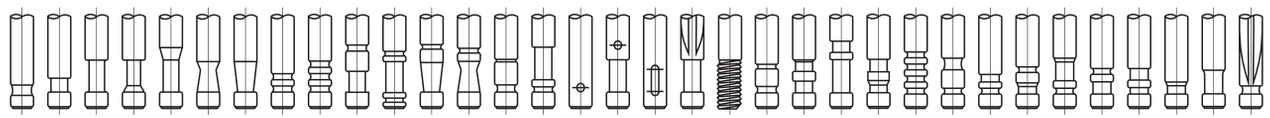
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FIAT / IVECO DIESEL											
ENG. 192 A5.000	**Stilo Multi Wagon (192_) 1.9 JTD**	01/04 - 08/08	1910 ccm	103 kW (140 PS)	4	IN	PFIA299	55206431 55207517	28,0x5,0x114,4	45	9
	Stilo (192_) 1.9 JTD	01/04 - 11/06				EX	PFIA300	55205183	24,4x5,0x114,4	45	9
ENG. 198 A5.000	**Bravo II (198_) 2.0 D Multijet (198AXN1B)**	09/08 - 12/14	1910 ccm	121 kW (165 PS)	4						
ENG. 844 A2.000	**Bravo II (198_) 2.0 D Multijet (198AXPIB)**	09/08 - 12/14	1956 ccm	120 kW (163 PS)	4						
ENG. 937 A5.000	**Stilo (192_) 1.9 D Multijet**	09/05 - 11/06	1910 ccm	110 kW (150 PS)	4						
	Stilo Multi Wagon (192_) 1.9 D Multijet (192DXT1B)	09/05 - 08/08									
	Bravo II (198_) 1.9 D Multijet (198AXC1B)	04/07 - 12/14									
ENG. 939 A2.000	**Croma (194_) 1.9 D Multijet (194AXC1B, 194AXC12)**	06/05 - 12/11	1910 ccm	110 kW (150 PS)	4						
ENG. 939 A3.000	**Croma (194_) 2.4 D Multijet**	06/05 -	2387 ccm	147 kW (200 PS)	5						
ENG. 939 B5.000	**Freemont (345_) 2.0 JTD**	08/11 -	1956 ccm	100 kW (140 PS)	4						
	Freemont (345_) 2.0 JTD	08/11 -									
	Freemont (345_) 2.0 JTD 4x4	08/11 -									
ENG. 940 A5.000	**Freemont (345_) 2.0 JTD**	08/11 -	1956 ccm	103 kW (140 PS)	4						
	Freemont (345_) 2.0 JTD	08/11 -									
	FREEMONT (345_) 2.0 JTD 4x4	08/11 -									
ENG. CNG F2BE for natural gas (CNG)	**Iveco / Irisbus Cityc-lass**	01/05 - 12/08	7790 ccm	177 kW (240 PS) 200 kW (270 PS)	115/6	EX	PIVE065	504027530	40,0x8,0x173,3	30	1



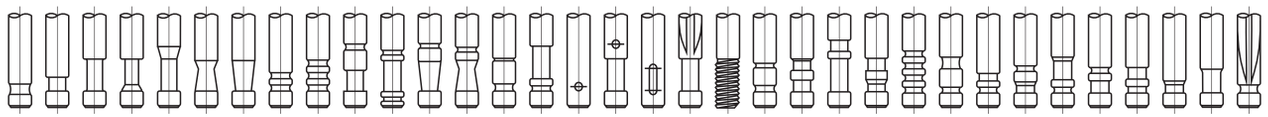
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
FORD / FORDSON BENZYNA											
ENG. OHV	**Escort 1.1 L/LE**	76-83	1117 ccm	39 kW (53 PS)	73,96 / 4	IN	PFOR001	77BM6507DB	38,2x7,88x105,9	45	9
	Escort Popular	76-83						80BM6507DC			
	Fiesta 1.1 GL/L/S/Ghia	76-83				EX	PFOR002	77BM6505AC	29,1x7,85x105,6	45	9
	Courier 1.1	81-85							+.003"		
ENG. GSF	**Fiesta 1.1**	9/83-2/89	1117 ccm	37 kW (50 PS)	73,96 / 4	IN	PFOR066	77BM6507EB	38,2x7,95x105,9	45	9
	Escort 1.1 L/LE	83 →	1117 ccm	40-43 kW (50-59 PS)				80BM6507EC			
						EX	PFOR063	77BM6505BC	29,1x7,93x105,6	45	9
									+.015"		
						IN	PFOR067	77BM6507FB	38,2x8,26x105,9	45	9
						EX	PFOR065	77BM6505CC	29,1x8,24x105,6	45	9
ENG. JLA	**Escort 1.3**	2/86-7/90	1299 ccm	44 kW (60 PS)	74 / 4	IN	PFOR003	89SM6507AA	42,0x8,0x135,0	45	9
	Orion 1.3	4/86-7/90						895M6507AA			
ENG. JPA, JPC	**Escort 1.3**	9/80-12/85	1297 ccm	51 kW (69 PS)	80 / 4	EX	PFOR004	89SM6505AG	37,0x8,0x132,0	45	9
	Fiesta 1.3	9/83-1/87						895M6505AG			
	Orion 1.3	9/83-7/88									
ENG. LPA, LP1, LP2	**Escort 1.6**	9/80-7/90	1599 ccm	58 kW (79 PS)	80 / 4						
	Orion 1.6	9/83-3/86									
ENG. LUA, LUB, LUD	**Escort 1.6**	9/80-7/90	1599 ccm	70-71 kW (95-97 PS)	80 / 4						
	Fiesta 1.6	3/84-2/89									
ENG. LUC	**Escort 1.6**	1/86-7/90	1599 ccm	65-66 kW (88-90 PS)	80 / 4						
	Fiesta 1.6	3/84-2/89									
	Orion 1.6	1/86-7/90									
ENG. LUG, LUK, L4B	**Escort 1.6/1.6i**	8/85-12/94	1599 ccm	65-66 kW (88-90 PS)	80 / 4						
	Orion 1.6	1/86-12/93									
ENG. LJC, LJD	**Fiesta 1.6i**	3/89-12/96	1599 ccm	76-81 kW (104-110 PS)	80 / 4						



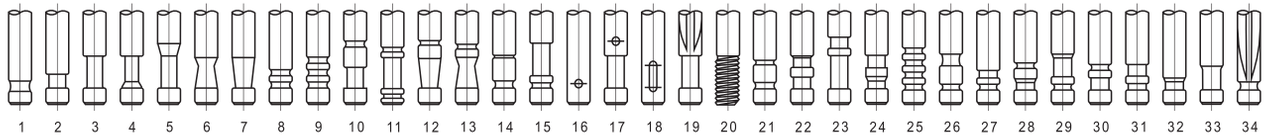
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FORD / FORDSON BENZYNA											
ENG. LJF, LRA, LRB, LR1, LR2, LJB, LJE	**Escort 1.6i**	Escort 1.6i	1599 ccm	75-77 kW (102-105 PS)	80 / 4	IN	PFOR003	89SM6507AA	42,0x8,0x135,0	45	9
	Orion 1.6i	Orion 1.6i						895M6507AA			
ENG. LHA	**Fiesta 1.6i Turbo**	7/90-12/96	1598 ccm	98 kW (133 PS)	80 / 4	EX	PFOR004	89SM6505AG	37,0x8,0x132,0	45	9
ENG. LNA, LNB	**Escort 1.6i Turbo**	10/84-7/90	1599 ccm	97 kW (132 PS)	80 / 4			895M6505AG			
ENG. L6B	**Sierra 1.6i**	10/89-2/93	1598 ccm	59 kW (80 PS)	80 / 4						
ENG. L3E	**Fiesta 1.6**	8/81-8/83	1599 ccm	62 kW (84 PS)	80,985 / 4						
ENG. CVH HLI6EFI/T	**Escort 1.6**	89 →	1598 ccm		80 / 4						
	Orion 1.6	89 →									
	Sierra 1.6	89 →									
	Fiesta XR2i	90 →									
ENG. NSD	**Scorpio 2.0i**	1/95-12/98	1998 ccm	85 kW (115 PS)	86 / 4	IN	PFOR005	88WM6507BA	42,6x7,0x108,5	45	9
ENG. NSE, ZVSA	**Galaxy 2.0i 16V**	2/95-2/06	1998 ccm	85 kW (115 PS)	86 / 4			95WM6507AA			
ENG. NSF, NSG, NSH	**Tourneo 2.0i 16V**	8/94-7/00	1998 ccm	84 kW (114 PS)	86 / 4			6153579			
	Transit 2.0i 16V	8/84-7/00						7078139			
ENG. N9A	**Sierra 2.0i 16V**	1/87-2/93	1998 ccm	88 kW (120 PS)	86 / 4	EX	PFOR006	88WM6505DA	38,0x7,0x108,9	45	9
ENG. N9B, N9C, N9D, N9F	**Granada 2.0i**	5/89-12/94	1998 ccm	85-92 kW (115-125 PS)	86 / 4			88WM6505EA			
	Scorpio 2.0i	5/89-9/94						95WM6505AA			
	Sierra 2.0i	1/87-2/93						6184522			
ENG. NCA	**Transit 2.0i**	8/91-7/94	1993 ccm	72 kW (98 PS)	90,83 / 4			6195672			
ENG. NWN, NYL	**Capri 2.0**	2/76-4/87	1999 ccm	66 kW (90 PS)	84 / 6	IN	PFOR019	70HM6507DD	42,0x8,0x111,2	45	9
ENG. NYP	**Granada 2.0**	1/76-8/85	1999 ccm	66 kW (90 PS)	84 / 6			79HM6507JA			
ENG. NES, N8C, NET	**Sierra 2.0**	1/87-2/93	1998 ccm	74-77 kW (101-105 PS)	84 / 6			6063961			
ENG. N8D, NE4	**Scorpio 2.0**	4/85-2/92	1998 ccm	75-77 kW (102-105 PS)	84 / 6	EX	PFOR020	70HM6505DE	36,0x8,0x110,6	45	9
ENG. B, 4RB	**Transit 1.6**	11/77-10/86	1593 ccm	48 kW (65 PS)	87,68			6048949			
ENG. MY	**Granada 1.7**	8/77-6/79	1699 ccm	54 kW (73 PS)	90 / 4						
ENG. NEJ, MC, NRD, N4B	**Sierra 2.0/2.0i**	3/85-2/93	1993 ccm	74-75 kW (100-101 PS)	90,83 / 4						



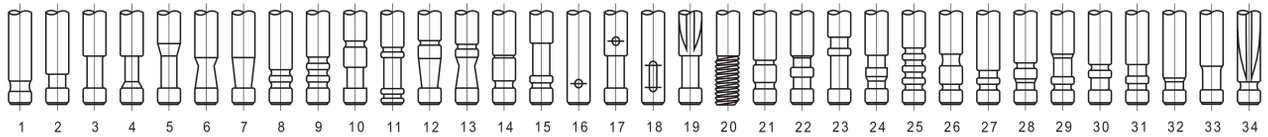
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FORD / FORDSON BENZYNA											
ENG. NAE	**Series P 100 2.0**	1/88-12/92	1993 ccm	57 kW (77 PS)	90,83 / 4	IN	PFOR019	70HM6507DD	42,0x8,0x111,2	45	9
ENG. NAV, C	**Transit 2.0**	11/85-7/91	1993 ccm	55 kW (75 PS)	90,83 / 4			79HM6507JA			
ENG. NE	**Escort 2.0**	8/75-8/80	1993 ccm	77-80 kW (105-110 PS)	90,83 / 4			6063961			
ENG. N6T, NBA	**Transit 2.0i**	10/88-7/94	1993 ccm	57-66 kW (77-90 PS)	90,83 / 4	EX	PFOR020	70HM6505DE	36,0x8,0x110,6	45	9
ENG. NAT, 4RC	**Transit 2.0** **A 0407**	11/77-7/91 11/86-12/91	1993 ccm	57 kW (77 PS)	90,83 / 4			6048949			
ENG. NEL	**Granada 2.0** **Scorpio 2.0**	4/85-8/89 4/85-8/89	1993 ccm	77 kW (105 PS)	90,83 / 4						
ENG. NEN	**Capri 2.0**	1/78-4/87	1993 ccm	74 kW (101 PS)	90,83 / 4						
ENG. NEP	**Granada 2.0**	8/81-8/95	1993 ccm	74 kW (101 PS)	90,83 / 4						
ENG. NER	**Scorpio 2.0** **Taunus 2.0**	9/78-995	1993 ccm	74 kW (100 PS)	90,83 / 4						
ENG. NRA	**Granada 2.0i** **Scorpio 2.0i**	4/85-2/92 4/85-2/92	1993 ccm	85 kW (115 PS)	90,83 / 4						
ENG. NRC	**Scorpio 2.0i**	10/85-12/90	1993 ccm	74 kW (100 PS)	90,83 / 4						
ENG. NRI	**Scorpio 2.0i**	19/85-1/92	1993 ccm	85 kW (115 PS)	90,83 / 4						
ENG. NRB, NR2, N4A, N4I	**Sierra 2.0i**	10/85-2/93	1993 ccm	85 kW (115 PS)	90,83 / 4						
ENG. NEK	**Granada 2.0**	8/81-8/85	1993 ccm	77 kW (105 PS)	90,83 / 4	IN	PFOR019	70HM6507DD 79HM6507JA 6063961	42,0x8,0x111,2	45	9
						IN	PFOR005	88WM6507BA 95WM6507AA 6153579 7078139	42,6x7,0x108,5	45	9
						EX	PFOR020	70HM6505DE 6048949	36,0x8,0x110,6	45	9
						EX	PFOR006	88WM6505DA 88WM6505EA 95WM6505AA 6184522 6195672	38,0x7,0x108,9	45	9



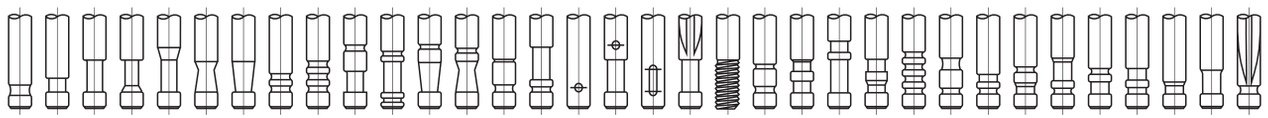
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FORD / FORDSON BENZYNA											
ENG. FU	**Orion 1.4**	12/85-7/90	1392 ccm	55 kW (75 PS)	77,25 / 4	IN	PFOR023	86SM6507AA	40,0x8,0x136,5	45	9
ENG. FUAA, F4B	**Escort 1.4/1.4i**	8/81-9/01	1392 ccm	54-55 kW (73-75 PS)	77,25 / 4			6137194			
ENG. F4A, FUG	**Fiesta 1.4i**	3/89-12/96	1392 ccm	54 kW (73 PS)	77,25 / 4	EX	PFOR024	86SM6505AD	34,0x8,0x133,2	45	9
ENG. FUA, FUC	**Escort 1.4**	1/86-7/90	1392 ccm	54-55 kW (73-75 PS)	77,25 / 4			6162460			
	Orion 1.4	3/86-7/90									
ENG. FUB, FUD, FUF, FUJ, F6A, F6C, F6E	**Fiesta 1.4/1.4i**	1/86-12/96	1392 ccm	52-55 kW (71-75 PS)	77,25 / 4						
ENG. F6B, F6D, F6F, F6G, FUH	**Escort 1.4i**	1/87-8/98	1392 ccm	52-54 kW (71-73 PS)	77,25 / 4						
	Orion 1.4i	10/87-12/93									
ENG. RKA, RKB, RKK	**Mondeo 1.8i 16V**	1/93-9/00	1796 ccm	82-85 kW (112-115 PS)	80,6 / 4	IN	PFOR025	928M6507D1A	32,0x6,0x97,1	45	1
ENG. N7A	**Escort 2.0i 16V**	5/91-8/96	1998 ccm	108-110 kW (147-150 PS)	86 / 4			6640543			
ENG. RDA Zetec	**Escort 1.8i 16V**	90-7/97	1796 ccm	77 kW (105 PS)	80,6 / 4	EX	PFOR026	928M6505D2A	28,0x6,0x96,7	45	1
ENG. RQB Zetec	**Escort 1.8i 16V**	90-7/97	1796 ccm	96 kW (130 PS)	80,6 / 4			6640542			
ENG. RDA, RDB Zetec	**Fiesta 1.8i 16V**	89-96	1796 ccm	77 kW (105 PS)	80,6 / 4			6911483			
	Orion 1.8i 16V	91-93									
ENG. RQB, RQC Zetec	**Fiesta 1.8i 16V**	89-96	1998 ccm	93-96 kW (126-130 PS)	80,6 / 4						
	Orion 1.8i 16V	91-93									
ENG. NAA Zetec	**Mondeo 2.0i 16V**	93-96	1998 ccm		84,8 / 4						
ENG. LUH, L1GJ	**Fiesta 1.6i 16V**	8/89-12/96	1597 ccm	65-66 kW (88-90 PS)	76 / 4	IN	PFOR027	928M6507C1A	26,0x6,0x97,1	45	1
ENG. LUJ, L1E	**Escort 1.6/1.6i 16V**	7/90-9/01	1597 ccm	65-66 kW (88-90 PS)	76 / 4			928M6507C2A			
	Orion 1.6/1.6i 16V	7/90-12/93						6742921			
ENG. L1F, L1J	**Mondeo 1.6i 16V**	1/93-9/00	1597 ccm	65-66 kW (88-90 PS)	76 / 4			6742922			
ENG. FHD	**Puma 1.4i 16V**	1/98-11/00	1388 ccm	66 kW (90 PS)	76 / 4	EX	PFOR028	928M6505C2A	24,5x6,0x96,6	45	1
								948M6505A2A			
								1023591			
								6742920			
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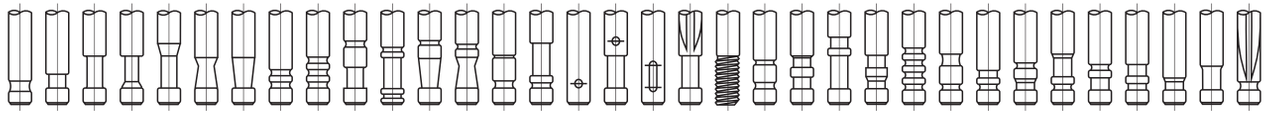
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FORD / FORDSON BENZYNA											
ENG. DHA, DHB, DHC, DHD, DHE, DHF, DHG - Zetec	**Fiesta 1.25i 16V**	8/97 →	1242 ccm	55 kW (75 PS)	71,9 / 4	IN	PFOR033	97MM6507A2B 1051772	26,1x6,0x97,7	45	9
						EX	PFOR034	98MM6505A2A 1051770 1069529	22,1x6,0x99,7	45	9
ENG. DHA, DHB, DHC, DHD, DHE, DHF, DHG - Zetec	**Fiesta 1.25i 16V**	95-7/97	1242 ccm	55 kW (75 PS)	71,9 / 4	IN	PFOR035	96MM6507B1A 96MM6507B2A 1004446 1E05-12111	26,0x6,0x98,0	45	1
						EX	PFOR036	96MM6505B1A 96MM6505B2A 1004444 1E05-12121	22,0x6,0x100,0	45	1
ENG. FHA, FHE, Zetec - SE	**Fiesta/Courier 1.4i 16V**	96-97	1388 ccm	66 kW (90 PS)	75,9 / 4	IN	PFOR037	97MM6507B2A 1012749	28,0x6,0x97,3	45	1
						EX	PFOR038	97MM6505B2A 1012747	24,0x6,0x99,4	45	1
ENG. Zetec S Up to 10/2000	**Focus 1.6i 16V**	1596 ccm			79 / 4	IN	PFOR039	1053844 XS74961D XS7E6507C2A	27,0x6,0x98,0	45	9
						EX	PFOR040	1053842 1124512 XS7E6505C2D 1066044	24,5x6,0x97,8	45	9



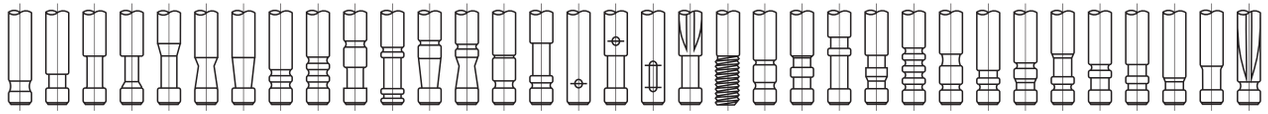
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
FORD / FORDSON BENZYNA											
ENG. FYDA	**Fiesta 1.6i 16V**	9/99 →	1596 ccm	74-76 kW (101-103 PS)	79 / 4	IN	PFOR041	98MM6507C2B	30,1x6,0x97,0	45	9
	Focus 1.6i 16V	8/98-5/05						98MM6507C28			
	Focus C-max 1.6i 16V	3/03-3/07						1072048			
	Puma 1.6i 16V	8/00 →				IN	PFOR130	1S4G6507CA	30,0x6,0x99,0	45	9
ENG. FYDB, FYDC, FYDD, FYDG, FYDH	**Focus 1.6i 16V**	8/98-5/05	1596 ccm	ccm 74 kW (101 PS)	79 / 4			1S4G6507CB			
								1122364			
ENG. FYJA, FYJB	**Fiesta 1.6i 16V**	11/01 →	1596 ccm	74 kW (101 PS)	79 / 4			1320927			
	Fusion 1.6i 16V	10/02 →						30711639			
								C601-12111			
						EX	PFOR131	1S6C6505BA	24,0x6,0x101,4	45	9
								1S6G6505BA			
								1113189			
								30711638			
								C4011-2121			
						EX	PFOR042	98MM6505B2A	24,1x6,0x99,4	45	9
								98MM6505B2B			
								XS6G6505B2A			
								1051771			
								1069529			
								1101934			
ENG. FHA, FHE	**Fiesta 1.4i 16V**	1/95-12/00	1388 ccm	66 kW (92 PS)	76 / 4	IN	PFOR043	97MM6507B2B	28,1x6,0x97,3	45	9
ENG. FHD, FHF	**Puma 1.4i 16V**	8/97 →	1388 ccm	66 kW (90 PS)	76 / 4			1051773			
ENG. FXDA, FXDB, FXDC, FXDD	**Focus 1.4i 16V**	98 →	1388 ccm	66 kW (90 PS)	76 / 4	EX	PFOR042	98MM6505B2A	24,1x6,0x99,4	45	9
								98MM6505B2B			
								XS6G6505B2A			
								1051771			
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								1101934			



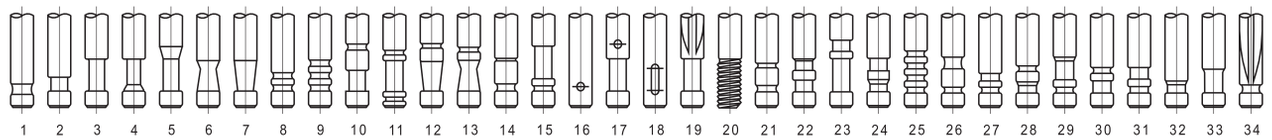
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FORD / FORDSON BENZYNA											
ENG. GUD, GUE, OHV, HCS	**Fiesta 1.1**	3/89-12/96	1119 ccm	40 kW (55 PS)	68,7 / 4	IN	PFOR044	89BM6507AA	33,0x7,0x104,0	45	9
ENG. TLB, OHV, HCS	**Fiesta 1.0**	3/89-12/96	1001 ccm	33 kW (45 PS)	68,7 / 4			6165227			
ENG. GSG, GUC	**Courier 1.1**	86-90	1119 ccm	40 kW (55 PS)	68,7 / 4	EX	PFOR046	89BM6505CA	29,0x7,0x104,4	45	9
ENG. GUC, GUF, OHV, HCS	**Escort 1.1**	86-94	1017 ccm		68,7 / 4			1038606			
								1653978			
ENG. GUD, GUE	**Fiesta 1.1**	3/89-12/96	1119 ccm	40 kW (55 PS)	68,7 / 4	IN	PFOR045	89BM6507BA	34,5x7,0x104,0	45	9
ENG. TKA	**Fiesta 1.0**	5/76-8/83	957 ccm	29 kW (40 PS)	74 / 4			6165228			
ENG. A9JA, A9JB	**Fiesta 1.3i**	11/01 →	1297 ccm	51 kW (70 PS)	74 / 4	EX	PFOR046	89BM6505CA	29,0x7,0x104,4	45	9
	KA 1.3i	10/02 →						1038606			
ENG. BAA	**KA 1.3i**	10/02 →	1297 ccm	44 kW (60 PS)	74 / 4			1653978			
ENG. I6A	**Escort 1.3i**	2/95-10/98	1299 ccm	44 kW (60 PS)	74 / 4						
ENG. JJB	**KA 1.3i**	9/96-10/02	1299 ccm	37 kW (50 PS)	74 / 4						
ENG. J4D, J4K, J4M, J4P	**KA 1.3i**	9/96-10/02	1299 ccm	44 kW (60 PS)	74 / 4						
ENG. A9A, A9B	**KA 1.3i**	ENG. 02 →			74 / 4						
ENG. JBA, JBD	**Escort 1.3**	ENG. 89 →	1299 ccm		67,8 / 4						
ENG. JBB	**Orion 1.3**	86 →			67,8 / 4						
ENG. JLA	**Courier 1.3**	86-90	1300 ccm		67,8 / 4						
ENG. J6B, JBC, JBD	**Courier 1.3**	91-94	1299 ccm		67,8 / 4						
ENG. J4C, J4J, J4L Endura E	**Courier 1.3**	95 →	1297 ccm		74 / 4						
ENG. HCS	**Fiesta, Escort, Orion**	89 →	1300 ccm	40 kW (55 PS)	67,8 / 4						
ENG. L1H, L1K	**Escort 1.6i 16V**	9/92-9/01	1597 ccm	65-66 kW (88-90 PS)	76 / 4	IN	PFOR047	928M6507E2A	26,0x6,0x97,1	45	9
ENG. L1L, L1J, L1N, L1Q	**Mondeo 1.6i 16V**	8/96-9/00	1597 ccm	65-70 kW (88-95 PS)	76 / 4			1041830			
ENG. L1T, L1V	**Fiesta 1.6i 16V**	2/00-12/02	1597 ccm	76 kW (103 PS)	76 / 4	EX	PFOR048	948M6505C2A	24,5x6,0x96,7	45	9
								1033898			
ENG. MHA, MHB	**Puma 1.7i 16V**	98 →	1679 ccm	92 kW (125 PS)	80 / 4	IN	PFOR049	1031008-8	30,0x6,0x96,2	45	1
ENG. Zetec SE								97MF6507AA			
						EX	PFOR050	1031007-5	26,0x6,0x98,2	45	1
								97MF6505AA			



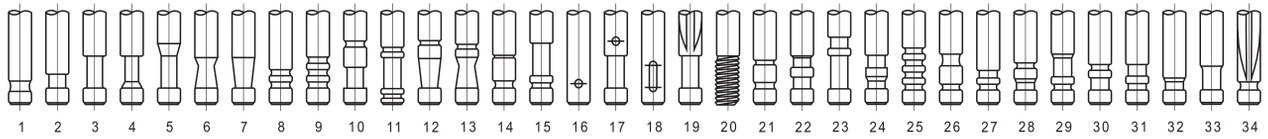
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FORD / FORDSON BENZYNA											
ENG. RDA	**Escort 1.8i 16V**	2/92-9/01	1796 ccm	77 kW (105 PS)	80,6 / 4	IN	PFOR051	928M6507F2A	32,0x6,0x97,1	45	9
	Fiesta 1.8i 16V	2/92-12/96						1041838			
	Orion 1.8i 16V	2/92-12/93				EX	PFOR052	948M6505D2A	28,0x6,0x96,7	45	9
ENG. RDB	**Fiesta 1.8i 16V**	2/92-12/96	1796 ccm	77 kW (105 PS)	80,6 / 4			1033899			
ENG. RKC	**Escort 1.8i 16V**	9/95-9/01	1796 ccm	85 kW (116 PS)	80,6 / 4						
ENG. RKF, RKH, RKJ	**Mondeo 1.8i 16V**	8/98-9/00	1796 ccm	85 kW (115 PS)	80,6 / 4						
ENG. RQB	**Escort 1.8i 16V**	2/92-9/01	1796 ccm	96 kW (130 PS)	80,6 / 4						
	Orion 1.8i 16V	2/92-12/93									
ENG. RQC	**Fiesta 1.8i 16V**	2/92-12/96	1796 ccm	93-96 kW (126-130 PS)	80,6 / 4						
ENG. EDBA, EDBB, EDBC, EDBD	**Couguar 2.0i 16V**	6/98-12/00	1988 ccm	96 kW (131 PS)	84,8 / 4						
ENG. EDDC	**Focus 2.0i 16V**	8/98-5/05	1988 ccm	96 kW (131 PS)	84,8 / 4						
ENG. NGB	**Mondeo 2.0i 16V**	8/96-9/00	1988 ccm	96 kW (130 PS)	84,8 / 4						
ENG. NGA, NGC, NGD	**Mondeo 2.0i 16V**	2/93-9/00	1988 ccm	96-100 kW (131-136 PS)	84,8 / 4	IN	PFOR051	928M6507F2A	32,0x6,0x97,1	45	9
								1041838			
						IN	PFOR025	928M6507D1A	32,0x6,0x97,1	45	1
								6640543			
						EX	PFOR052	948M6505D2A	28,0x6,0x96,7	45	9
								1033899			
						EX	PFOR026	928M6505D2A	28,0x6,0x96,7	45	1
								6640542			
								6911483			
ENG. EYDB, EYDC, EYDF	**Focus 1.8i 16V**	8/98-5/05	1796 ccm	85 kW (116 PS)	80,6 / 4	IN	PFOR053	XS7E6507D2A	33,0x6,0x98,0	45	9
ENG. EYPA	**Tourneo Connect 1.8i 16V**	5/02 →	1796 ccm	81-85 kW (110-116 PS)	80,6 / 4			1053845			
	Transit Connect 1.8i 16V	5/02 →						1131988			
ENG. EDDB, EDDC, EDDF	**Focus 2.0i 16V**	98 →	1988 ccm	96 kW (131 PS)	84,8 / 4	EX	PFOR054	XS7E6505D2D	28,0x6,0x97,7	45	9
ENG. CJBA, CJBB Duratec HE	**Mondeo 2.0i 16V**	98-00	1999 ccm	107 kW (145 PS)	87,5 / 4			1053843			
								1066045			
								1124514			



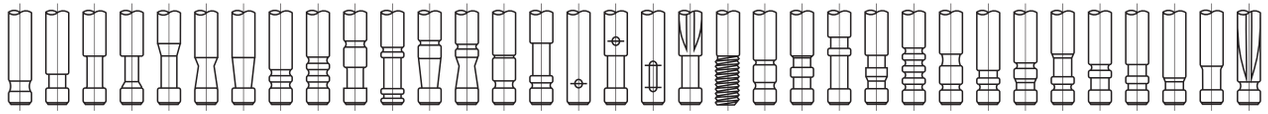
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FORD / FORDSON BENZYNA											
EN G. OHV	**Fiesta 1.0 L/GL/Ghia**	76 →	957 ccm	30/33 kW (40/45 PS)	73,96 / 4	IN	PFOR061	77BM6507AB	33,0x7,88x106,0	45	9
	Courier 1.0	77-89						80BM6507AC			9
						EX	PFOR002	77BM6505AC	29,1x7,85x105,6 +.003"	45	
						IN	PFOR062	77BM6507BB	33,0x7,95x106,0	45	9
								80BM6507BC			
						EX	PFOR063	77BM6505BC	29,1x7,93x105,6 +.015"	45	9
						IN	PFOR064	77BM6507CB	33,0x8,26x106,0	45	9
						EX	PFOR065	77BM6505CC	29,1x8,24x105,6	45	9
ENG. CVH, JLA	**Escort 1.3 L/GL/Ghia**	80 →	1295 cmm	51 kW (69 PS)	73,96 / 4	IN	PFOR095	81SM6507KF	42,0x8,0x134,8	45	9
	Orion 1.3 L/GL	80 →				EX	PFOR096	81SM6505AF	34,0x8,0x134,4 +0,20 [mm]	45	9
						IN	PFOR097	81SM6507NF	42,0x8,2x134,8	45	9
						EX	PFOR098	81SM6505BF	34,0x8,2x131,4	45	9
	U.S.A.: Courier	71 →			4	IN	PFOR120	0290-12-111C D27Z-6507A	42,0x8,1x108,6	45	1
						EX	PFOR121	0305-12-121 D27Z-6505A	33,0x8,1x107,1	45	1
ENG. REC (OHC)	**Scorpio 1.8**	10/84-12/86	1796 ccm	66 kW (90 PS)	86,2 / 4	IN	PFOR122	85HM6507FA	42,0x8,0x112,2	45	9
ENG. REB, RED, REF (OHC)	**Sierra 1.8**	4/85-2/92	1796 ccm	59-66 kW (80-90 PS)	86,2 / 4	EX	PFOR123	85HM6505AA 6147911	34,2x8,0x111,7	45	9
ENG. R2A, R6A	**Sierra 1.8/1.8i**	3/87-2/93	1796 ccm	64-66 kW (87-90 PS)	80 / 4	IN	PFOR128	E7EE6507B2A	39,0x8,0x136,8	45	9
ENG. R2C	**Sierra 1.8**	5/88-2/93	1796 ccm	65 kW (88 PS)	86,2 / 4			1649214			
ENG. CVH (Low Compression)	**Sierra 1.8 GL**	89 →	1796 ccm	66 kW (90 PS)	80 / 4	EX	PFOR129	E7EE6505B2C	34,0x8,0x134,0	45	9
	Pick-up P100							1649209			



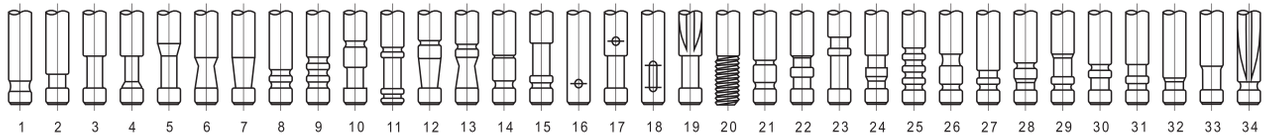
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FORD / FORDSON BENZYNA											
ENG. HWDA, HWDB	**C-MAX 1.6i 16V**	4/07-11/10	1596 ccm	74 kW (101 PS)	79 / 4	IN	PFOR130	1S4G6507CA	30,0x6,0x99,0	45	9
	Focus 1.6i 16V	11/04 →						1S4G6507CB			
	Focus C-MAX 1.6i 16V	9/03-3/07						1122364			
ENG. HXDA	**Focus 1.6i TI-VCT 16V**	11/04 →	1596 ccm	85 kW (115 PS)	79 / 4			1320927			
	Focus C-MAX 1.6i 16V	7/04-3/07						30711639			
								C601-12111			
						EX	PFOR131	1S6C6505BA	24,0x6,0x101,4	45	9
								1S6G6505BA			
								1113189			
								30711638			
								C4011-2121			
ENG. CFBA	**Mondeo 1.8 SCi 16V**	6/03 →	1798 ccm	96 kW (130 PS)	83 / 4	IN	PFOR132	1S7G6507DG	32,5x5,5x103,4	45	1
ENG. CGBA, CHBA	**Mondeo 1.8i 16V**	10/00 →	1798 ccm	81-92 kW (110-125 PS)	83 / 4			1211483			
ENG. CSDA, CSDB	**Focus C-Max 1.8i 16V**	6/03-5/04	1798 ccm	88 kW (120 PS)	83 / 4			1324691			
	Focus 1.8i 16V	04 →						8694781			
ENG. QQDA, QQDB, QQDC	**C-MAX 1.8i 16V**	4/07-11/10	1798 ccm	92 kW (125 PS)	83 / 4			L801-12-111			
	Focus C-Max 1.8i 16V	4/04-3/07				EX	PFOR133	1S7G6505DF	28,0x5,5x104,6	45	1
	Focus 1.8i 16V	04 →						1324690			
								8694780			
								L801-12-121C			
ENG. DOHC	**Escort RS 2000 16V**	91 →	1998 ccm	110 kW (150 PS)	86 / 4	IN	PFOR138	91XM6507AA	33,5x7,0x112,0	45	9
ENG. DOHC	**Scorpio 2.3 16V**	96 →	2295 ccm	108 kW (147 PS)	89,6 / 4			91XM6507AC			
ENG. DOHC-EFI	**Galaxy 2.3 16V**	97 →	2295 ccm	107 kW (145 PS)		EX	PFOR139	91XM6505AB	30,0x7,0x111,7	45	9



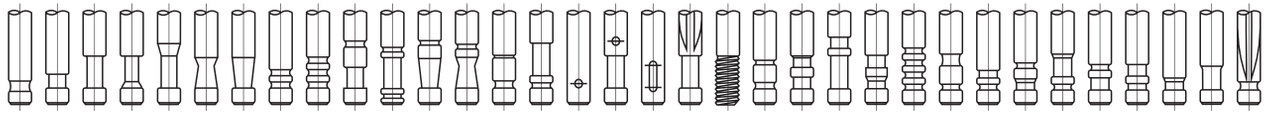
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FORD / FORDSON BENZYNA											
ENG. AODA, AODB	**C-MAX 2.0i 16V**	4/07-11/10	1999 ccm	107 kW (145 PS)	87,5 / 4	IN	PFOR140	1S7G6507CE	35,0x5,5x103,4	45	1
	Focus 2.0i 16V	11/04 →						6C1G6507AA			
ENG. CJBA	**Mondeo 2.0i 16V**	10/02 →	1999 ccm	107 kW (145 PS)	87,5 / 4			1124378			
ENG. CJBB	**Focus C-MAX 2.0i 16V**	4/04-3/07	1999 ccm	107 kW (145 PS)	87,5 / 4			1213175			
	Mondeo 2.0i 16V	10/02 →						1324132			
	S-max 2.0i 16V	3/06 →						1374186			
ENG. N4JB	**Fiesta 2.0i 16V**	11/04 →	1999 ccm	107 kW (145 PS)	87,5 / 4			LF01-12111			
ENG. AOWA	**Mondeo 2.0i 16V**	07 →	1999 ccm	107 kW (145 PS)	87,5 / 4			30777329			
	S-max 2.0i 16V	06 →				EX	PFOR141	1S7G6505CE	30,0x5,5x104,6	45	1
	Galaxy 2.0i 16V	07 →						1124377			
								1324131			
								LF01-12121			
								LF02-12121			
								30777328			
EN G. Cosworth (DOHC)	**Sierra 2.0i RS Turbo 16V**	88 →	1993 ccm	150-167 kW (204-227 PS)	90,8 / 4	IN	PFOR143	86SM13359A	35,0x7,0x105,6	45	1
	Sierra 2.0i Turbo 16V - 4x4	88 →				EX	PFOR144	46GG7037B	31,0x8,0x105,8	45	1
ENG. AAA, AMY	**Galaxy VR6 2.8i**	2/95-3/00	2792 ccm	120-128 kW (163-174 PS)	81 / 6	IN	PFOR221	021109601E	39,0x7,0x106,0	45	9
								021109601H			
								021109601J			
								021109601K			
								021109601L			
								95WW6507AA			
								1004128			
								1072283			
								1031317			
						EX	PFOR222	021109611D	34,3x7,0x107,0	45	9
								021109611F			
								021109611G			
								95VW6505AA			
								1031316			
								1004127			



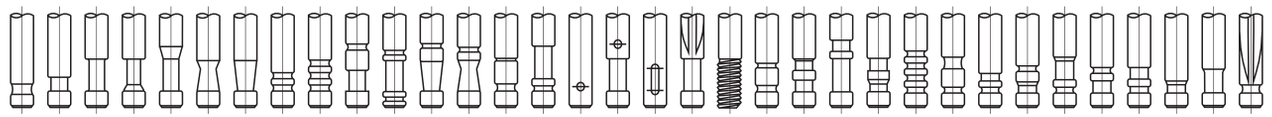
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FORD / FORDSON BENZYNA											
ENG. FXJA, FXJB	**Fiesta 1.4i 16V**	11/01 →	1388 ccm	59 kW (80 PS)	76 / 4	IN	PFOR225	1S4G6507BA	28,0x6,0x99,4	45	9
	Fusion 1.4i 16V	10/02 →						1S4G6507BB			
ENG. ASD	**Focus 1.4i 16V**	11/04 →	1388 ccm	59 kW (80 PS)	76 / 4			1151997			
								1320926			
								C4011-2111A			
								C6011-21111			
						EX	PFOR131	1S6C6505BA	24,0x6,0x101,4	45	9
								1S6G6505BA			
								1113189			
								30711638			
								C4011-2121			
						EX	PFOR042	98MM6505B2A	24,1x6,0x99,4	45	9
								98MM6505B2B			
								XS6G6505B2A			
								1051771			
								1069529			
								1101934			
ENG. B 5254 T	**Focus ST 2.5i Turbo 20V**	10/05 →	2521 ccm	162 kW (220 PS)	83 / 5	IN	PFOR232	7438610007	31,0x7,0x104,0	45	9
	Mondeo 2.5i Turbo 20V	4/07 →						1397641-0			
	S-Max 2.5i Turbo 20V	3/06 →				EX	PFOR233	7438610008	27,0x7,0x103,2	45	9
								1366882-7			
								1366490			
								9471466			
EN G. HUWA	**Mondeo 2.5i Turbo**	07 →	2521 ccm	162 kW (220 PS)	83 / 5	IN	PFOR236	9454607	31,0x6,0x104,3	45	9
	S-Max 2.5i Turbo	07 →						1369828			
						EX	PFOR237	9454610	27,0x6,0x103,3	45	9
								1369831			



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FORD / FORDSON DIESEL											
ENG. LTA, LTC, D16	**Courier 1.6 D** **Escort 1.6 D** **Fiesta 1.6 D** **Orion 1.6 D**	84 → 84 → 84 → 84 →	1608 ccm	40 kW (54 PS)	80 / 4	IN EX IN EX	PFOR007 PFOR009 PFOR008 PFOR010	84FM6507AB 84FM6507AC 1631007 84FM6505AC 161002 84FM6507BB 84FM6507BC 1631002 84FM6505BC	34,9x8,0x107,3 31,0x8,0x108,6 I nadwymiar 34,9x8,2x107,3 31,0x8,2x108,6	45 45 45 45	9 9 9 9
ENG. RTA, RTB	**Escort 1.8 D** **Escort Van 1.8 D** **Orion 1.8 D**	1/89-7/90 86-90 1/89-7/90	1753 ccm	44 kW (60 PS)	82,5 / 4	IN	PFOR011	89FF6507AA 1078433 6172851	36,5x8,0x107,1	45	9
ENG. RTC, RTD, RTG, RTJ, RTK	**Fiesta 1.8 D**	3/89-6/01	1753 ccm	44 kW (60 PS)	82,5 / 4			6702150			
ENG. RTE, RTF, RTH	**Escort 1.8 D** **Orion 1.8 D** **Courier 1.8 D**	8/90-9/01 7/90-12/93 88 →	1753 ccm	44 kW (60 PS)	82,5 / 4			6781619 6616472 6172854			
ENG. RFU	**Fiesta 1.8 TD**	3/93-11/95	1753 ccm	57 kW (77 PS)	82,5 / 4	IN	PFOR180	89FF6507FA	36,5x8,0x107,0	45	9
ENG. RFA, RFB, RFL	**Sierra 1.8 TD** **Series P 100 1.8 TD**	8/88-2/93 2/89-12/92	1753 ccm	55 kW (75 PS)	82,5 / 4			89FF6507FB 93FF6507AA			
ENG. RFD, RFK, RFS	**Escort 1.8 TD** **Orion 1.8 TD**	6/93-9/01 3/93-12/93	1753 ccm	66 kW (90 PS)	82,5 / 4			93FF6507AF 6781621			
ENG. RFM, RFN	**Mondeo 1.8 TD**	6/93-9/00	1753 ccm	65-66 kW (88-90 PS)	82,5 / 4			1012773			
ENG. 1.8 N/A TD	**Granada 1.8 TD** **Scorpio 1.8 TD**	92 → 92 →	1753 ccm	65 kW (88 PS)	82,5 / 4	EX	PFOR013	89FF6505AA 1078429 1352129 6172845	32,0x8,0x109,2	45	9
						EX	PFOR179	93FF6505AA 89FF6505FA 6172848	32,0x8,0x109,3	45	9
									I nadwymiar		
						IN	PFOR012	89FF6507BA	36,5x8,2x107,1	45	9
						EX	PFOR014	89FF6505BA	32,0x8,2x109,2	45	9

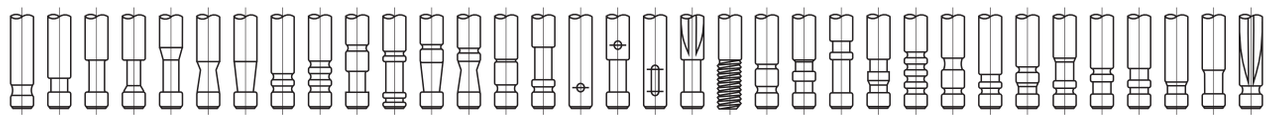


Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FORD / FORDSON DIESEL											
ENG. 4DA	**Transit 2.5 DI**	8/91-7/94	2496 ccm	59 kW (80 PS)	93,67 / 4	IN	PFOR015	844F6507A1B	42,0x9,0x124,5	30	9
ENG. 4FA, 4FB, 4FC, 4FD	**Tourneo 2.5 D**	8/94-8/00	2496 ccm	51-52 kW (69-70 PS)	93,67 / 4			894F6507AA			
	Transit 2.5 DI	8/91-8/00						894F6507A1B			
ENG. 4HB, 4HC	**Tourneo 2.5 D**	8/94-8/00	2496 ccm	56 kW (76 PS)	93,67 / 4			1050570			
	Transit 2.5 DI	8/94-8/00						6594645			
ENG. 4AB, 4BA, 4CA (50 kW)	**Transit 2.5 D**	11/85-9/91	2496 ccm	50 kW (68 PS)	93,67 / 4	EX	PFOR016	844F6505A1B	36,3x9,0x123,9	45	9
	A 0407	1/86-12/99						894F6505AA			
ENG. 4EA, 4EB, 4EC	**Transit 2.5 TD/TDi**	8/91-8/00	2496 ccm	74 kW (100 PS)	93,67 / 4			894F6505A1B			
ENG. 4GA, 4GB, 4GC	**Tourneo 2.5 TDi**	8/94-8/00	2496 ccm	63 kW (85 PS)	93,67 / 4			6200033			
	Transit 2.5 DI	8/94-8/00						6594643			
ENG. RF	**Econovan**	85 →	1998 ccm	53 kW (72 PS)	86 / 4	IN	PFOR017	RF01-12-111	41,0x8,0x107,0	45	1
						EX	PFOR018	RF01-12-121	36,0x8,0x106,8	45	1
								RF01-12-121B			
ENG. AFN	**Galaxy 1.9 TDI**	9/96-3/00	1896 ccm	81 kW (110 PS)	79,5 / 4	IN	PFOR021	028109601D	36,0x7,0x96,85	45	9
ENG. 1Z, AHU	**Galaxy 1.9 TDI**	2/95-3/00	1896 ccm	66 kW (90 PS)	79,5 / 4			028109601K			
								1079769			
						IN	PFOR031	028109601A	36,0x8,0x96,8	45	9
								028109601H			
								046109601G			
								046109601H			
								046109601J			
								049109601J			
								1669766			
								9186565			
						EX	PFOR022	028109611G	31,5x7,0x96,8	45	9
								1049788			
						EX	PFOR032	046109611C	31,5x8,0x96,9	45	9
								046109611E			
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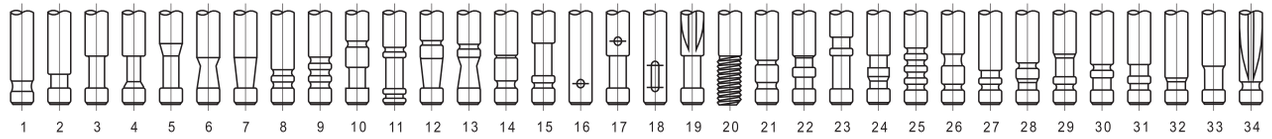


Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FORD / FORDSON DIESEL											
ENG. LXD 2, YTR, YTT	**Granada 2.3 D** **Scorpio 2.3 D** **Sierra 2.3 D**	10/82-2/85 10/82 → 8/82-9/89	2304 ccm	49 kW (67 PS)	94 / 4	IN EX	PFOR029 PFOR030	83EM6507AA 0948.37 78EM6505AA 7932567888 79325679 0949.25 0949.39	40,4x8,5x116,2 33,4x8,5x116,2	30 45	1 1
ENG. ANU	**Galaxy 1.9 TDI**	4/00 →	1896 ccm	66 kW (90 PS)	79,5 / 4	IN	PFOR055	038109601B 1100679	35,9x7,0x89,9	45	9
ENG. AUY	**Galaxy 1.9 TDI**	4/00 →	1896 ccm	85 kW (116 PS)	79,5 / 4						
ENG. ASZ	**Galaxy 1.9 TDI**	1/03 →	1896 ccm	96 kW (130 PS)	79,5 / 4	EX	PFOR056	038109611B 038109611F 1100678	31,5x7,0x90,0	45	9
ENG. BTB	**Galaxy 1.9 TDI**	1/05 →	1896 ccm	110 kW (150 PS)	79,5 / 4						
EN G. VM932B (HS429)	**Granada 2.5 TD** **Scorpio 2.5 TD**	96-99 96-99	2498 ccm	87 kW (118 PS)	92 / 4	IN

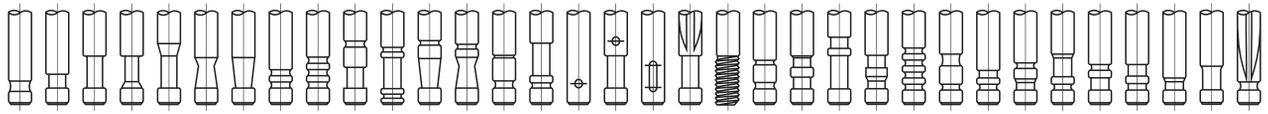
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FORD / FORDSON DIESEL											
ENG. ABFA, ABFB	**Tourneo 2.0 DI 16V**	8/00 →	1998 ccm	74 kW (100 PS)	86 / 4	IN	PFOR059	XS7Q6507A1B	29,8x7,0x122,2	30	9
	Transit 2.0 Tddi 16V	8/00 →						XS7Q6507A1C			
ENG. D3FA	**Transit 2.0 DI**	3/99 →	1998 ccm	55 kW (75 PS)	86 / 4			XS7Q6507A2B			
ENG. D5BA	**Mondeo 2.0 DI 16V**	10/00 →	1998 ccm	63-66 kW (85-90 PS)				1121331			
ENG. D6BA	**Mondeo 2.0 TDCI 16V**	10/00-8/02	1998 ccm	85 kW (116 PS)	86 / 4			1121333			
ENG. FMBA	**Mondeo 2.0 TDCI 16V**	3/04 →	1998 ccm	96 kW (131 PS)	86 / 4			1216915			
ENG. F3FA	**Transit 2.0 TDCI 16V**	8/00 →	1998 ccm	63-92 kW (85-125 PS)	86 / 4	EX	PFOR060	XS7Q6505A2B	25,8x7,0x122,2	45	9
ENG. HJBA, HJBB, HJBC	**Mondeo 2.0 TDCI 16V**	10/01 →	1998 ccm	90 kW (122 PS)	86 / 4			2S7Q6505A1B			
ENG. QJBA	**Mondeo 2.2 TDCi 16V**	04 →	2198 ccm	74 kW (100 PS)	86 / 4			1121332			
ENG. H9FD	**Transit 2.4 16V**	00 →	2402 ccm		86 / 4			1132466			
								1214456			
ENG. F6JA, F6JB	**Fusion 1.4 TDCi**	10/02 →	1398 ccm	50 kW (68 PS)	73,7 / 4	IN	PFOR173	1145933	32,8x5,5x97,5	45	9
	Fiesta 1.4 TDCi	10/02 →						1152191			
	Fiesta Van 1.4 TDCi	04 →						0948.C2			
								Y401-12-111			
								SU00100551			
						EX	PFOR174	1145932	30,2x5,5x97,5	45	9
								1152190			
								1202362			
								0949.B1			
								Y401-12-121			
								SU00100552			
ENG. BHDA, BHDB	**Focus 1.8i DI**	8/99-9/01	1753 ccm	55 kW (75 PS)	82,5 / 4	IN	PFOR181	1113197	36,5x7,96x107,0	45	9
ENG. C9DA, C9DB	**Focus 1.8i DI**	1/99-9/0	1753 ccm	67 kW (91 PS)	82,5 / 4			XS4Q6507AB			
ENG. C9DC	**Fiesta 1.8 TDCi**	00 →	1753 ccm	67 kW (91 PS)	82,5 / 4	EX	PFOR182	1198044	32,0x7,96x108,7	45	9
	Focus 1.8i DI	1/99-5/05						1352129			
								1078429			



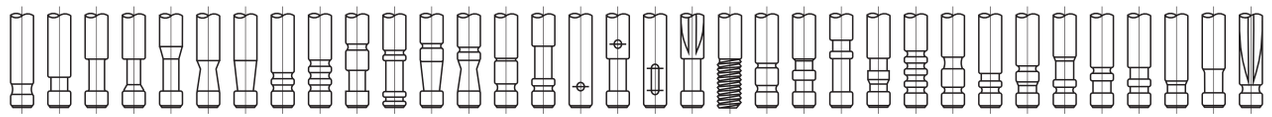
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FORD / FORDSON DIESEL											
ENG. RTN, RTP, TRQ, F9DA, F9DB	**Fiesta 1.8 TDCi**	00 →	1753 ccm		82,5 / 4	IN	PFOR181	1113197	36,5x7,96x107,0	45	9
ENG. FFDA	**Focus 1.8 TDCi**	02 →						XS4Q6507AB			
ENG. HCPA	**Tourneo 1.8 TDCi**	01 →				EX	PFOR182	1198044	32,0x7,96x108,7	45	9
ENG. HCPA, HCPB	**Transit 1.8 TDCi**	01 →						1352129			
ENG. RTN, RTP, RTQ	**Courier 1.8 Tddi**	00 →						1078429			
ENG. KKDA	**Focus C-MAX 1.8 TDCi**	05-07									
	Mondeo 1.8 TDCi	07 →									
ENG. STP, XD 3P	**Granada 2.5 D**	8/82-8/85	2498 ccm	51-58 kW (69-79 PS)	94 / 4	IN	PFOR188	83EM6507BB	42,5x8,5x116,0	45	1
ENG. STR	**Granada 2.5 D**	4/85-2/92	2498 ccm	51 kW (69 PS)	94 / 4			93500418			
	Scorpio 2.5 D	12/85-2/92						0948.44			
								0948.49			
								0948.53			
						EX	PFOR189	93500889	35,5x8,5x116,3	45	1
								0949.45			
								0949.50			
ENG. DOFA, DT24H	**Transit 2.4 TDDi**	9/99 →	2402 ccm	85-92 kW (116-125 PS)	89,9 / 4	IN	PFOR190	YC1Q6507A1B	31,3x7,0x122,2	30	9
ENG. D2FA, F4FA	**Transit 2.4 DI 16V**	1/00-5/06	2402 ccm	55-66 kW (75-90 PS)	89,9 / 4			YC1Q6507A2B			
ENG. DT24N, DT24P	**Transit 2.4 TD**	9/99 →	2402 ccm	55-66 kW (75-90 PS)	89,9 / 4			1096250			
ENG. D2FE	**Transit 2.4 TDDI 16V**	00 →	2402 ccm		89,9 / 4			1254284			
						EX	PFOR191	YC1Q6505A2B	28,0x7,0x122,2	45	9
								1096248			
								1096247			
								1254282			
ENG. 2708 E	**6D**	ENG. 65-81	5494 ccm	61 kW (83 PS)	100,775 / 6	IN	PFOR196	723F6507G	45,0x9,5x155,5	30	32
ENG. 592 E	**4D Thames Trader**	ENG. 52-65	3611 ccm	51 kW (69 PS)	100,775 / 4			723F6507GAA			
	Major/Super-Major					EX	PFOR197	723F6505A	39,0x9,5x156,5	30	32
ENG. 2700, 2701 E	**D 300/D 800**	ENG. 65-69	3966 ccm	61 kW (83 PS)	104,775 / 4			723F6505GAA			
	Combine 630/640							813F6505DAA			
	Tractor 240										



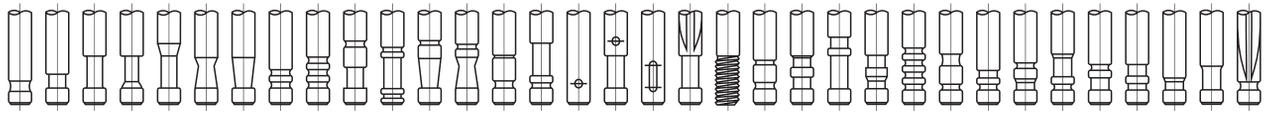
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
FORD / FORDSON DIESEL											
ENG. 2703 E	**6D**	65-81	5939 ccm	61 kW (83 PS)	104,775 / 6	IN	PFOR196	723F6507G	45,0x9,5x155,5	30	32
ENG. 2704 E	**D 300/D 800**	65-69						723F6507GAA			
	Tractor 330					EX	PFOR197	723F6505A	39,0x9,5x156,5	30	32
	Combine 630/640							723F6505GAA			
ENG. 2706 E	**4D**	65-81	3966 ccm	61 kW (83 PS)	104,775 / 6			813F6505DAA			
ENG. 2709 E	**6D**	65-81	5944 ccm	97 kW (130 PS)	104,775 / 6						
ENG. 2711 E	**Cargo 0610/Tractor 254**	69-81	4161 ccm	55 kW (75 PS)	107,21 / 4						
ENG. 2712 E	**Cargo 0610**	69-81	4161 ccm	50-59 kW (68-80 PS)	107,21 / 4						
	Tractor 254/255										
	Combine 1520										
ENG. 2714 E	**Cargo 0610/Tractor 380**	69-81	6277 ccm	77 kW (105 PS)	107,21 / 4						
ENG. 2715 C	**Tractor 6500**		6277 ccm	82 kW (112 PS)	107,21 / 4						
ENG. 2715 E	**Combine 1545/8050/ 8060**	12/86 →	6277 ccm	77-86 kW (105-117 PS)	107,21 / 4						
	Tractor 7095/8060										
ENG. 2713E-365 cu.in.	**D/N Series**	69-1/82	5948 ccm	70/80 kW (95/109 PS)	104,775 / 6						
	R Series Coach										
ENG. 2713E-365 cu.in.	**D/N Series**	1/81-9/81	5948 ccm	70/80 kW (95/109 PS)	104,775 / 6						
ENG. 5.640	**Ford Genesis**					IN	PFOR200	E9NN6507AC	47,5x9,44x146,8	30	32
ENG. 6.640	**New Holland**							81865092			
								82850550			
								82850530			
						EX	PFOR201	E9NN6505EC	43,0x9,41x146,3	45	32
								81865085			



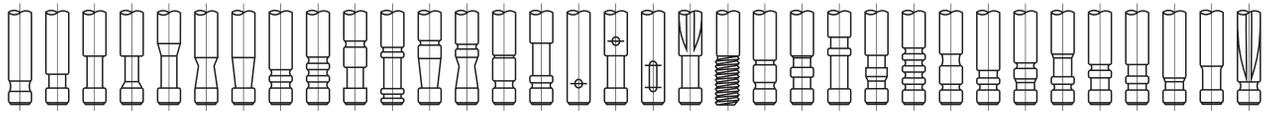
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FORD / FORDSON DIESEL											
ENG. 4D	**Fordson Major/County**	52-56	3260 ccm		100 / 4	IN	PFOR206	EIADDN6507	44,0x9,5x158,5	30	32
	Thames Trader	52-56				EX	PFOR208	EIADDN6505C	39,0x9,5x156,7	30	3
ENG. 4D 592E-220 cu.in	**Fordson Super Major**	57-65	3610 ccm	51 kW (69 PS)	100 / 4						
	Thames Trader	57-65									
ENG. 6D 590E-330 cu.in	**Fordson Super Major**	57-65	5416 ccm	80 kW (108 PS)	100 / 6						
	Thames Trader	57-65									
ENG. 2502 E	**A 0509**	74-83	2589 ccm	25-30 kW (34-41 PS)	106,68 / 3	IN	PFOR209	C5NN6507B	46,0x9,43x146,0	45	32
	Tractor 2000, 2310, 2600, 2810	65 →						C5NE6507A			
								D3NN6507A			
ENG. ND	**Super-Dexta**	65 →	2870 ccm	32-35 kW (44-47 PS)	106,698 / 3	EX	PFOR210	C7NN6505E	38,5x9,40x146,0	45	24
ENG. RD	**Super-Major**	65 →	3815 ccm	46-50 kW (62-68 PS)	106,698 / 4			C5NE6505A			
ENG. 2504 E	**Tractor 333, 353, 3000, 3600**	65 →	2870 ccm	35 kW (47 PS)	106,698 / 3			D3NN6505A	+.30"		
	Super-Dexta					IN	PFOR215	C5NN6507E	46,0x10,20x146,0	45	32
ENG. BSD 444	**Tractor 6610, 6710**	81 →	4392 ccm	60 kW (82 PS)	111,778 / 4			D3NN6507D			
ENG. BSD 444 T	**Tractor 6610, 6710, 7610, 7710**	81 →	4392 ccm	68 kW (92 PS)	111,778 / 4	EX	PFOR216	C7NN6505H	38,5x10,17x146,0	45	24
								D3NN6505D			
EWG. 2512 E	**Tractor 515, 531, 532, 535, 540, 545, 550, 555, 4000, 4110, 4610**	68 →	3294 ccm	44 kW (60 PS)	111,778 / 3						
ENG. 6Y 4.2, 7A 4.2	**Loader A 62**	71 →	4195 ccm	69 kW (94 PS)	111,778 / 4						
	Tractor 750, 6000, 7000, 7500 7600, 7700										
ENG. 6Y 6.6	**TW-10**	72 →	6588 ccm	76 kW (104 PS)	111,778 / 6						
	Tractor 8000, 8600, 8700										



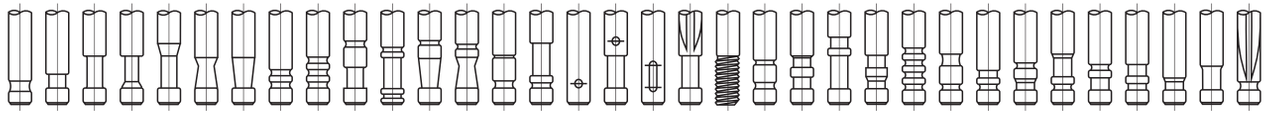
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
FORD / FORDSON DIESEL											
ENG. 7A 6.6 81 kW	**TW-10 Tractor 8000, 8600, 8700**	72 →	6588 ccm	81 kW (110 PS)	111,778 / 6	IN	PFOR209	C5NN6507B C5NE6507A D3NN6507A	46,0x9,43x146,0	45	32
ENG. 7A 6.6 102 kW	**TW-20, TW-25, TW-30, TW-35 Tractor 9600, 9700**	76 → 69 →	6588 ccm	102-137 kW (138-186 PS)	111,778 / 6	EX	PFOR210	C7NN6505E C5NE6505A D3NN6505A	38,5x9,40x146,0	45	24
									+.30"		
						IN	PFOR215	C5NN6507E D3NN6507D	46,0x10,20x146,0	45	32
						EX	PFOR216	C7NN6505H D3NN6505D	38,5x10,17x146,0	45	24
ENG. 675/TA	**New Holland TS 80, 90, 100, 110,115 TM 115, 120, 125, 130, 135, 140, 150, 155, 160, 165, 175, 190**				6	IN	PFOR217	EB87802256 EB87802260 87802256	47,5x9,45x146,8	30	25
						EX	PFOR218	EV87802258 87802258 87802266	43,0x9,45x146,3	45	25
ENG. G8DA, G8DB	**C-MAXX 1.6 TDCI 16V Focus 1.6 TDCI 16V Focus C-Maxx 1.6 TDCI 16V**	4/07-11/10 11/04 → 10/03-3/07	1560 ccm	80 kW (109 PS)	75 / 4	IN	PFOR223	0948.C7 1229882 30711498 9645024780	25,6x5,5x96,4	45	9
ENG. HHDA, HHDB	**C-MAXX 1.6 TDCI 16V Focus C-Maxx 1.6 TDCI 16V**	4/07-11/10 6/03-3/07	1560 ccm	66 kW (90-92 PS)	75 / 4			3M5Q6507AA Y6011-2111 11347805968			
ENG. HHJA, HHJB	**Fiesta 1.6 TDCI 16V Fusion 1.6 TDCI 16V**	11/04 → 11/04 →	1560 ccm	66 kW (90 PS)	75 / 4	EX	PFOR224	0949.C3 1229883 30711497 9640840080 3M5Q6505AA Y6011-2121 11347805969	23,4x5,5x96,6	45	9



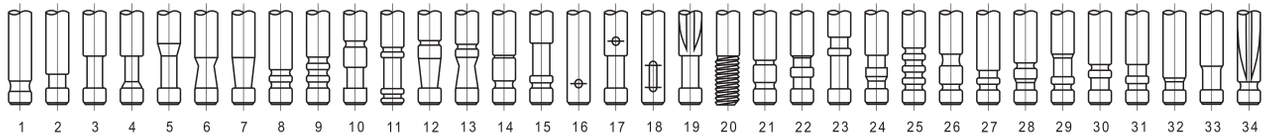
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FORD / FORDSON DIESEL											
ENG. TD27T	**Maverick 2.7 D**	6/93-8/96	2664 ccm	66-74 kW (90-101 PS)	96 / 4	IN	PFOR226	13201-G2403 13201-43G01 1952666	43,5x8,0x117,0	45	1
						EX	PFOR227	13202-G2403 13202-31N01 1962501	38,0x8,0x117,0	45	1
ENG. Fiat	**KA 1.3 TDCI**	09 →	1242 ccm		69,6 / 4	IN	PFOR228	46518930 55195680 55219965 641072 641077 93186090 12911-85E00	22,0x6,0x109,3	45	9
						EX	PFOR229	46518931 55202685 55208213 641071 641402 93177306 93190438 12915-85E00	22,0x6,0x109,3	45	9
ENG. G6DA, G6DB	**C-Max 2.0 TDCi** **Focus II 2.0 TDCi** **Focus C-Max 2.0 TDCi**	2/07 → 11/04 → 10/03-3/07	1997 ccm	100 kW (136 PS)	85 / 4	IN	PFOR230	9635317980 1231931 0948.C0	30,0x6,0x106,2	45	9
						EX	PFOR231	9635318480 1231930 0949.A9	25,0x6,0x106,2	45	9



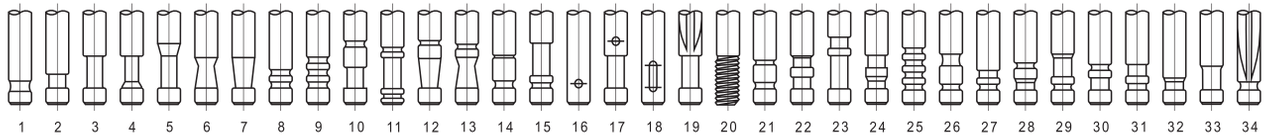
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FORD / FORDSON DIESEL											
ENG. G6DA	**C-MAX 2.0 TDCI**	4/07-11/10	1997 ccm	96-103 kW (130-140 PS)	85 / 4	IN	PFOR234	9627184380	30,0x6,0x105,0	45	9
	Focus 2.0 TDCi 16V	11/04 →						0948.A3			
	Focus C-Max 2.0 TDCi 16V	6/03-3/07						1231931			
								3M5Q6507BA			
	Galaxy 2.0 TDCi 16V	5/06 →						8653745			
	Kuga 2.0 TDCi	3/08 →				EX	PFOR235	9634437580	25,0x6,0x105,0	45	9
	S-Max 2.0 TDCi 16V	3/06 →						0949.A3			
ENG. G6DB, G6DD	**C-MAX 2.0 TDCI**	4/07-11/10	1997 ccm	100 kW (136 PS)	85 / 4			1231930			
	Focus 2.0 TDCi 16V	11/04 →						3M5Q6505BA			
	Focus C-Max 2.0 TDCi 16V	6/03-3/07						8653744			
	Kuga 2.0 TDCi	3/08 →									
ENG. QXWA, QXWB	**Galaxy 2.0 TDCi 16V**	5/06 →	1997 ccm	103 kW (140 PS)	85 / 4						
	S-Max 2.0 TDCi 16V	5/06 →									
ENG. OM 352.937	**Tractor 8070**	12/86 →	5675 ccm	110 kW (150 PS)	97 / 6	IN	PFOR238	3520530001	44,0x9,0x140,5	45	2
								3520530101			
								3520500026			
								3520500126			
						EX	PFOR239	3520531505	36,0x10,0x140,5	45	2
						EX	PFOR240	3660500227	36,0x10,0x140,5	45	2
								3660500027			
								3210530905			
								3660500127			
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								3660500627			
								3760500027			
								3760500127			



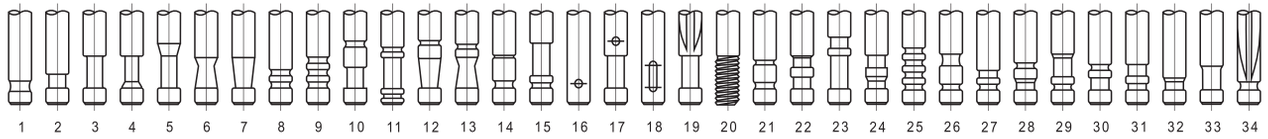
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FORD / FORDSON DIESEL											
ENG. BSD326, BSD329, BSD332, BSD333, BSD442, BSD442T, BSD444, BSD444T, BSD666, BSD666T, BSD666TI	**230, 234, 334, 335, 445, 530, 545, 550, 555, 575, 2310, 2610, 2810, 2910, 3230, 3610, 3910, 4110, 4130, 4610, 4630, 4830, 5000, 5030, 5100, 5110, 5200, 5600, 5610, 5700, 6410, 6600, 6610, 6700, 6710, 6810, 7000, 7100, 7200, 7410, 7600, 7610, 7700, 7710, 7810, 7910, 8210, 8530, 8630, 8730, 8830, TW 5, 10, 15, 20, 30, 35**					EX	PFOR241	87802262 87802143	38,3x9,4x146,0	45	24
ENG. BSD332/BSD333/ BSD442/BSD442T/BSD444 BSD444T/BSD666T/BSD666TI	**FORD 5640/6640/7010 7740/7810/7840/ 8010/8160/8240/ /8260/8340/8360/8560** **CASE/NEW HOLLAND TM 110/TM 120** **TM 130/TM 140** **TS 90/TS 100/TS 110** **TSA 120** **FIAT M 100/M 115/ M 135/ M160 (ENG. POWER STAR 7.5/7.5 T)**				111,78	IN EX	PFOR242 PFOR241	87295255 87802262	46,7x9,4x146,0 38,3x9,4x146,0	30 45	32 24
FORDSON ..... → **FORD/FORDSON** **164**											



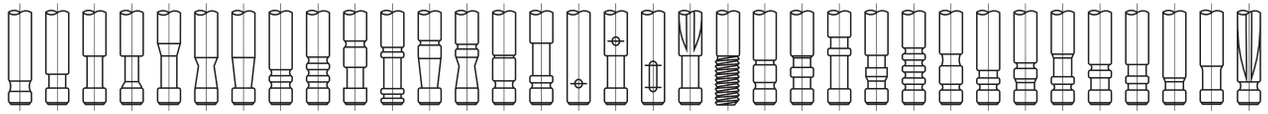
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FSO WARSZAWA BENZYNA											
	FSO 1500	65 →	1481 ccm	55 kW (75 PS)	77 / 4	IN	PFSO0001	4127674 4207966	35,0x8,0x110,0	45	28
						EX	PFSO0002	4146641 4207968 4127675	31,5x8,0x104,5	45	28
	Polonez 1500/1600		1481 ccm	52,5 kW (75 PS)	75 / 4	IN	PFSO0003	4377208	35,0x8,0x110,0	45	1
						EX	PFSO0004	4377209	31,5x8,0x104,6	45	1
ENG. 14 K4F (Rover)	**Polonez 1.4 16V**	94 →	1396 ccm	76 kW (103 PS)	75 / 4	IN	PFSO0005	LGH10029 GH10029 GH061586 WAM1655	27,7x6,0x89,6	45	1
						EX	PFSO0006	LGH10028 LGH100820 LGH101190 GH10028 GH061587 WAM4127	24,1x6,0x90,0	45	1
	Polonez 1600 MPI (Daewoo-FSO)	7/94 →	1600 ccm	62 kW (84 PS)	75 / 4	IN	PFSO0009	059812	35,0x8,0x110,0	45	1
						EX	PFSO0010	077353	31,5x8,0x106,5	45	1



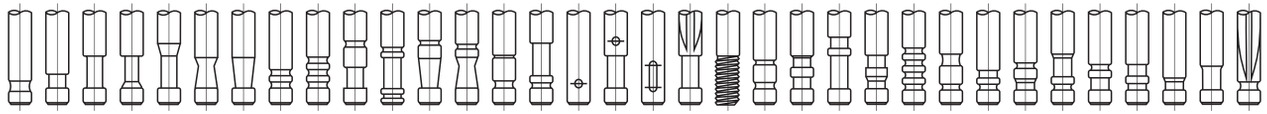
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
FSO WARSZAWA DIESEL											
ENG. XUD9 (Citroen)	**Polonez 1.9 D**	96 →	1905 ccm	51 kW (70 PS)	83 / 4	IN	PFSO007	93510415 96005391 LGH10051 LGH10053 0948.59 0948.63 9601136380 9630597380 12911-86CA0 12911-66G00 12832-66G00 22211-29000 50054982	38,5x8,0x112,4	45	1
						EX	PFSO008	93510773 93510774 93501280 93501072 95501280 96005392 96272853 0949.47 0949.59 0949.60 0949.64 0949.74 LGH10052 LGH10054 LGH10075 9613736280 9751669380 12915-86CA0 12915-66G00 22212-29000 50060609 6005392	33,0x8,0x111,9	45	1



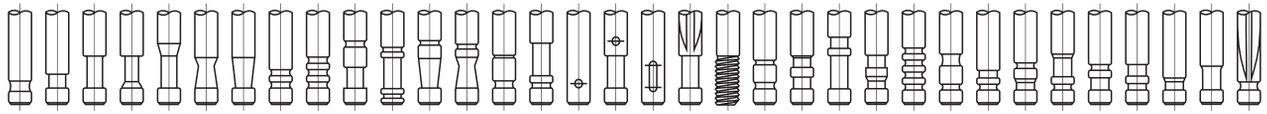
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
GÜLDNER DIESEL											
ENG. 1 L 79	**G 25**	61-79	790 ccm	10 kW (13 PS)	100 / 1	IN	PGUL001	1910530105	41,0x10,0x126,4	45	25
ENG. 2 L 79	**G 25 S**	61-79	1580 ccm	19 kW (26 PS)	100 / 2	EX	PGUL002	1910530115	35,0x10,0x126,5	45	25
ENG. 3 L 79	**G 30**	61-79	2360 ccm	29 kW (39 PS)	100 / 3						
	G 30 S	61-79									
	G 40	61-79									
ENG. 4 L 79	**G 50**	61-79	3140 ccm	38 kW (52 PS)	100 / 4						
ENG. 6 L 79	**G 60**	61-79	4710 ccm	57 kW (78 PS)	100 / 6						
ENG. 2DN, 2DNS	**ADN, ADS, ADK, ALD**					IN/ EX	PGUL003		33,0x9,0x124,0	45	6
ENG. 2LD						IN	PGUL004		36,1x9,0x123,0	45	6
						EX	PGUL005		33,0x9,0x124,0	45	6
ENG. LKN, LKA	**AK, A2KS, A3K, A3KA, A3KTA, G15**					IN	PGUL006		31,0x8,0x99,8	45	6
						EX	PGUL007		29,0x8,0x100,0	45	6



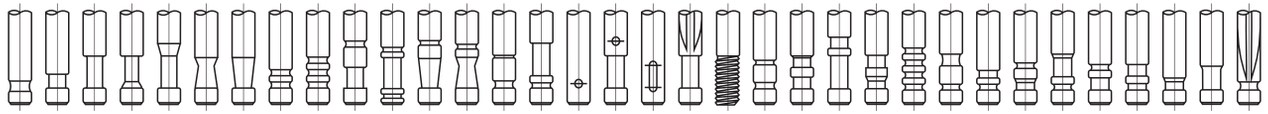
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
HANOMAG BENZYNA											
ENG. M 115.922/.933/ /.934/.935	**Series F 45**	71-8/73	2197 ccm	55-63 kW (75-86 PS)	87 / 4	IN	PHAN025	1150530201 1150530101 1210530401	44,2x9,0x128,0	45	1
						EX	PHAN026	1150500027 1150530105 1290530105 1300530105	37,1x11,0x113,2	45	1



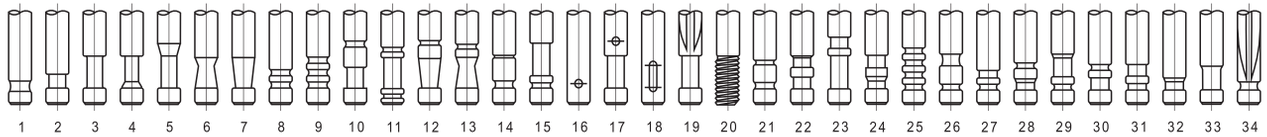
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
HANOMAG DIESEL											
ENG. OM 615.910, OM 615.912, OM 615.917	**Series F 20/25/30/35/36 Series F 40**	71-2/74	2197 ccm	44-49 kW (60-67 PS)	87 / 4	IN	PHAN001	6150530001 6150530101 6150530501	38,8x10,0x131,5	30	20
ENG. OM 615.936	**Series F 20**	1/72 →	2197 ccm	37 kW (50 PS)	87 / 4	EX	PHAN002	6150530105 6150530405 6150530705	33,2x10,0x131,0	30	20
ENG. OM 360.966/967	**Series F 150**	6/71-4/74	8725 ccm	127-141 kW (172-192 PS)	115 / 6	IN	PHAN003	3270530701 3600500326	54,0x10,0x150,0	45	2
						EX	PHAN004	3270530705 3600500127 3600500227	43,0x10,0x150,0	45	2
ENG. OM 352.917	**Series F 45**	71-74	5675 ccm	93 kW (126 PS)	97 / 6	IN	PHAN005	3520530001	44,0x9,0x140,5	45	2
ENG. OM 353.916/917	**Series F 110/130**	71-74	5675 ccm	81-96 kW (110-130 PS)	97 / 6			3520530101			
ENG. OM 314.915	**Series F 45/46/55**	3/71-2/74	3780 ccm	63 kW (85 PS)	97 / 4			3520500026 3520500126			
						IN	PHAN023	3660500226 3660500326	44,0x9,0x140,5	30	2
						EX	PHAN006	3520531505	36,0x10,0x140,5	45	2
						EX	PHAN024	3660500227 3660500027 3210530905 3660500127 3660500527 3660500627 3760500027 3760500127	36,0x10,0x140,5	45	2



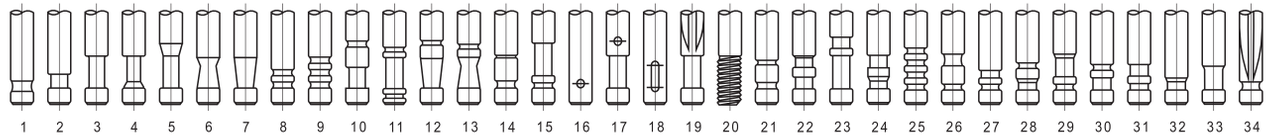
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
HANOMAG DIESEL											
ENG. OM 403.906	**Series F 193**	69-4/72	15960 ccm	184 kW (250 PS)	125 / 10	IN	PHAN007	4230500026	59,0x12,0x142,5	30	2
	Series F 263	69-4/72							Odległość zamka - 7,70 [mm]		
	Series F 463	69-4/72									
ENG. OM 403.917, 919, 930	**Series F 130**	4/72-74	15960 ccm	236 kW (320 PS)	125 / 10	EX	PHAN008	4030500027	51,0x12,0x142,5	45	2
	Series F 193	4/72-74						4030501027	Odległość zamka - 7,70 [mm]		
	Series F 263	4/72-74						4230500427		30	2
						IN	PHAN027	4030530901	58,9x12,0x142,5		
								4220500226	Odległość zamka - 2,75 [mm]	30	2
								4220500026			
								4220500526			
								4220530101			
								4420500226			
								4420500326			
								4420500526			
						EX	PHAN028	4220500027	51,0x12,0x142,5	45	2
									Odległość zamka - 2,75 [mm]		
						EX	PHAN029	4220500127	51,0x12,0x142,5	45	2
								4220500227	Odległość zamka - 2,75 [mm]		
								4420500127			
								4420500227			
								4420500327			
								4420500427			
	D 141 L-F 45	67 →			4	IN	PHAN009	X860114-906176	42,0x9,0x142,0	45	9
	D 142 L-F 55	67 →			4	EX	PHAN010	X860114-906175	38,0x9,0x142,0	45	9
	D 161 L	67 →			6						



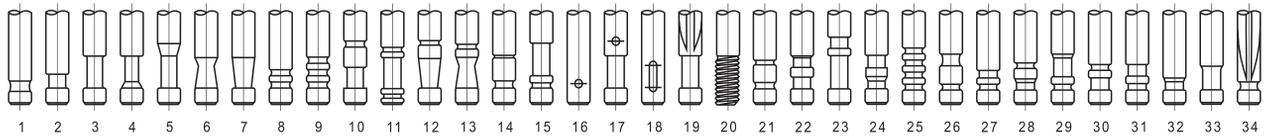
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
HANOMAG DIESEL											
ENG. D943, D963	**Maszyny budowlane** **Seria C/CL, CL55C/D, CL66, CL66C, CL240, CL290, CL310** **Seria CD, 66, 230, 280, 300** **Seria D, 570E7R, 580E8R, 580ELGP, 670E, 680E, 680ELPG, 700DS, 700DSLPG** **Seria G, 160** **Seria L, 600C, 600D, 600DSuper** **Seria 40, 44C, 44D** **Seria 50, 55C, 55CTurbo, 55CSuper** **Seria 60, 66, 66D, 60E** **Seria 70, 70E, 77C, 77CTurbo**					IN EX	PHAN013 PHAN014	3090234M1 2871004M1	56,0x12,0x162,5 52,1x12,0x162,5	30 45	25 25
ENG. D14, D21, D28	**R 16, R 19, R 217, R 22, R 27, R 324, R 332, R 25, R 28, R 35, R 35/45, R 435, R 435/45, R 442, R 442/50**	56-60			90 / 2/3/4	IN EX	PHAN015 PHAN016		41,0x9,0x169,5 37,2x9,0x169,6	45 45	6 6
ENG. D14, D21, D28	**Perfekt 300 rund, Granit 500 rund, Brillant 600 rund, Granit 500/1 R16, R19, R217, R22, R27, R324, R3**					IN EX	PHAN017 PHAN030		38,0x9,0x157,0 34,0x9,0x157,0	45 45	9 9



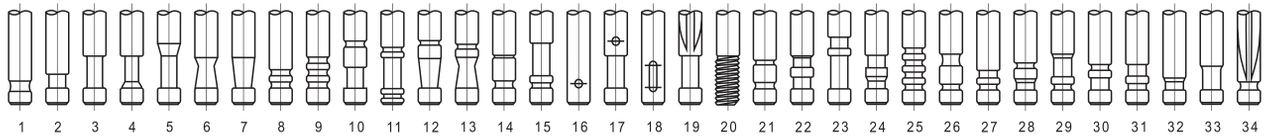
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
HANOMAG DIESEL											
ENG. D 131, D 132, D 141, D 142, D 161, D 162	**Perfekt 401 E** **Granit 501, 501 E** **Brillant 601, 701** **Robust 901**					IN	PHAN018		42,0x9,0x142,2	45	9
ENG. D14, D21, D28	**R 217, R 332, R 442, R 442/50**					IN/ EX	PHAN019		37,0x9,0x169,4	45	32
ENG. D 301	**Perfekt 400 rund** **Perfekt 301, 401**					IN	PHAN020		35,0x10,0x124,9	45	2
ENG. D14S	**Hanomag R16**	01/51 - 12/57	1399 ccm	12 kW (16 PS)	2/90	IN	PHAN021	221-0004-00	41,0x9,0x169,5	45	6
ENG. D14	**Hanomag R19**	01/53 - 12/57	1399 ccm	14 kW (19 PS)	2/90	EX	PHAN022	222-0004-00	37,5x9,0x169,5	45	6
ENG. D14	**Hanomag R217**	01/57 - 12/59	1399 ccm	13 kW (17 PS)	2/90						
ENG. D21S	**Hanomag R22**	01/51 - 12/57	2099 ccm	16 kW (22 PS)	3/90						
ENG. D21	**Hanomag R27**	01/53 - 12/57	2099 ccm	20 kW (27 PS)	3/90						
ENG. D21S	**Hanomag R324**	01/57 - 12/59	2099 ccm	17 kW (24 PS)	3/90						
ENG. D21	**Hanomag R332**	03/61 - 09/62	2099 ccm	23 kW (32 PS)	3/90						
ENG. D19	**Hanomag R25**	01/49 - 12/50	1911 ccm	14,6 - 18,3 kW (20 - 25 PS)	4/80						
ENG. D28S	**Hanomag R28**	01/51 - 12/53	2799 ccm	21 kW (28 PS)	4/90						
ENG. D28	**Hanomag R35**	01/53 - 12/57	2799 ccm	26 kW (35 PS)	4/90						
ENG. D28LA	**Hanomag R35/45**	01/54 - 12/57	2799 ccm	26 - 33 kW (35 - 45 PS)	4/90						
ENG. D28	**Hanomag R435**	01/57 - 12/60	2799 ccm	26 kW (35 PS)	4/90						
ENG. D28LA	**Hanomag R435/45**	01/57 - 12/60	2799 ccm	35 kW (45 PS)	4/90						
ENG. D28	**Hanomag R442**	01/60 - 12/62	2799 ccm	30,7 kW (42 PS)	4/90						
ENG. D28LA	**Hanomag R442/50**	10/60 - 09/62	2799 ccm	30,7 - 36,6 kW (42 - 50 PS)	4/90						
ENG. D301	**Hanomag Perfekt 301/400/401** **Hanomag F20/F25/ F30/F35**					EX	PHAN031	1550130906160	31,1x10,0x124,8	45	2



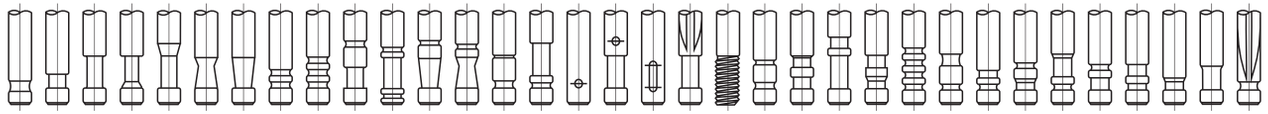
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
HANOMAG DIESEL											
ENG. D52 **ENG. D57**	**Hanomag AR 50/GR 50** **R40/40A/40B/40C** **RD36** **AGR 38/AR38** **K55/K55E/K55S** **R45/R45A/R45B/ R45E/R45S** **R55A/R55ATK/R55C** **R450/R455/R460**		5195 ccm 5702 ccm	28 kW (38 PS) 29 kW (40 PS) 36 kW (50 PS) 40 kW (55 PS)	105/4 110/4	IN/ EX	PHAN032	1550503651000	40,0x10,0x163,2	45	2



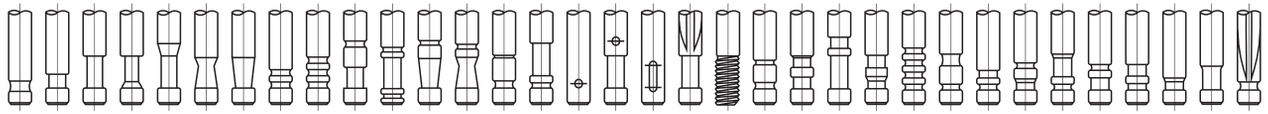
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
HARLEY DAVIDSON											
						IN	PHAR001		41,4x8,6x140,6	45	2
						EX	PHAR002		41,2x8,6x142,1	45	2
						IN	PHAR003		46,4x8,6x140,6	45	2
ENG. 88”, 100”	**Ø1,94" RevTech Gen 2**					IN	PHAR004	58089	49,4x7,86x112,5	45	2
ENG. 110”, 100” 4x4 **ENG. 115”, 125” 4x4**	**Ø2,0" RevTech Gen 3** **RevTech Gen 4**					IN	PHAR005	659616	50,8x7,86x114,7	45	2



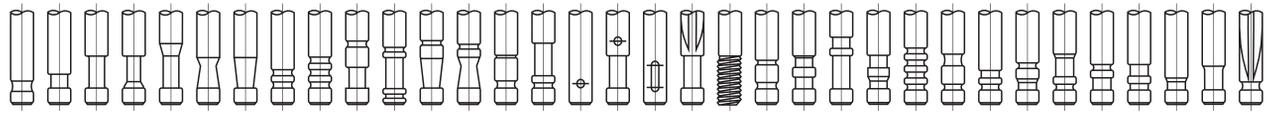
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
HENSCHEL DIESEL											
	Henschel Wola H 1416				135 / 6, 8, 12	IN	PHEN001	5.021.401.1	48,0x11,0x172,3	45	6
						EX	PHEN002	5.021.402.2	48,0x11,0x172,3	45	6
	Henschel Wola H 12IG				135 / 6, 8, 12	IN	PHEN001	5.021.401.1	48,0x11,0x172,3	45	6
						EX	PHEN003	5.021.402.5	48,0x11,0x172,8	30	6
	Henschel Wola 135 R6TC				135 / 6, 8, 12	IN	PHEN004	5.021.409.0	45,5x11,0x168,5	30	2
						EX	PHEN005	5.021.410.0	42,5x11,0x168,5	45	2



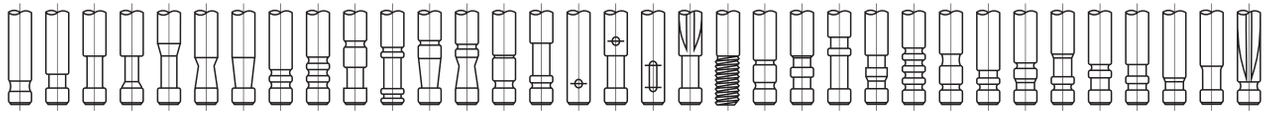
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
HILLMAN											
	Hunter Mk1 - Mk2	66-78			4	IN	PHIL003	1235104	38,2x7,9x118,5	45	1
	Hunter GLS	72-76				EX	PHIL004	1235105	30,6x7,9x118,5	45	1
	Avenger 1500 GT	70 →	1498 ccm		4	IN	PHIL005	71262713	38,1x7,90x109,9	45	1
	Avenger Deluxe	70 →						25552400			
	Avenger 1600 SC	73 →	1598 ccm		4	EX	PHIL006	71250985	31,2x7,87x109,9	45	1
	Avenger 1600 TC	73 →						71261358			
								25552800			
									+.003"		
						IN	PHIL007	71262714	38,1x7,97x109,9	45	1
								25552500			
						EX	PHIL008	71250986	31,2x7,94x109,9	45	1
								71261359			
								25552900			
									+.015"		
						IN	PHIL009	71262715	38,1x8,28x109,9	45	1
								25552600			
						EX	PHIL010	71250987	31,2x8,25x109,9	45	1
								25553000			
									+.030"		
						IN	PHIL011	71262716	38,1x8,66x109,9	45	1
						EX	PHIL012	71250988	31,2x8,63x109,9	45	1



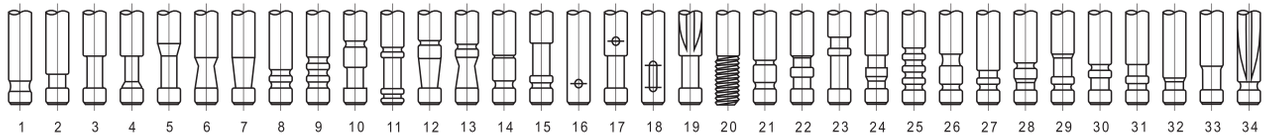
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
HONDA BENZYNA											
ENG. EJ	**Civic**	83 →	1335 ccm	53 kW (72 PS)	72 / 4	IN	PHON001	14711-PA6-000	34,7x6,6x114,2	45	3
						EX	PHON002	14721-PA6-000	28,0x6,5x114,4	45	3
ENG. F20 A4	**Accord 16V**	92 →	1994 ccm	85/98 kW (116/133 PS)	85 / 4	IN	PHON003	14711-PT0-000	32,0x5,5x112,1	45	1
	Rover 600 16V	92 →				EX	PHON004	14721-PT0-000	27,0x5,5x123,5	45	1
ENG. EV (3-Valve)	**Ballade 1300**	73 →	1342 ccm	59 kW (80 PS)	74 / 4	IN	PHON020	14711-PE0-000	26,9x6,6x112,8	45	1
	Civic 1300	73 →						DBP9319			
ENG. EW (3-Valve)	**Ballade 1500**	83 →	1488 ccm	74 kW (100 PS)	74 / 4	EX	PHON021	14721-PE0-000	32,0x6,6x113,8	45	1
	Civic 1500	83 →						DBP9320			
	Shuttle 1500	83 →									
ENG. D18A1	**U.S.A.:**	90 →	1835 ccm		84 / 4	IN	PHON030	14711-PR4-A00	31,0x6,6x105,6	45	1
	Acura Integra 16V					EX	PHON031	14721-PH3-000	28,0x6,6x106,0	45	1
ENG. B20B	**CRV 2.0 16V**	95 →	1973 ccm	103 kW (140 PS)	84 / 4						
ENG. L12A1	**Fit 1.2i**	1/02 →	1243 ccm	57 kW (78 PS)	73 / 4	IN	PHON034	14711-PM3-000	29,0x5,5x115,0	45	1
	Jazz 1.2i	3/02 →						FDU1485			
ENG. L13A	**Aria 1.3i**		1339 ccm	61-63 kW (83-86 PS)	73 / 4	EX	PHON035	14721-PM3-000	25,0x5,5x118,8	45	1
	Fit 1.3i	1/02 →						FDU1487			
	Jazz 1.3i	1/02 →									
ENG. D13C	**City 1.3i 16V**	10/88-4/94	1296 ccm	73 kW (100 PS)	73,6 / 4						
	Civic 1.3i 16V	8/88 →									
ENG. D15B1	**Acura Integra 1.5 16V**	2/96 →	1493 ccm	66-69 kW (90-94 PS)	75 / 4						
	Ballade 1.5 16V	10/87-8/94									
	Civic 1.5i 16V	10/87-9/95									
	Concerto 1.5 16V	5/88-9/92									
	Domani 1.5i 16V	2/94 →									
	Partner 1.5 16V	2/96 →									



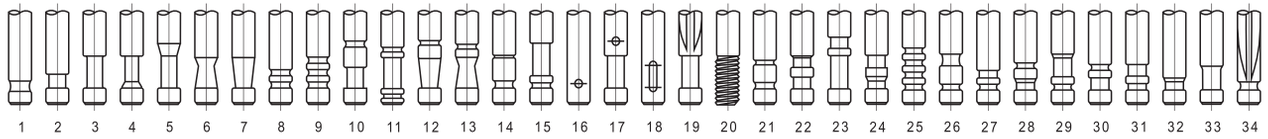
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
HONDA BENZYNA											
ENG. D16A8	**Civic 1.6i 16V**	10/87-2/92	1590 ccm	90-96 kW (122-131 PS)	75 / 4	IN	PHON034	14711-PM3-000	29,0x5,5x115,0	45	1
	Concerto 1.6i 16V	8/89-3/95						FDU1485			
ENG. F18A3	**Accord 1.8i 16V**	9/93-10/98	1850 ccm	85 kW (115 PS)	85 / 4	EX	PHON035	14721-PM3-000	25,0x5,5x118,8	45	1
ENG. F18B2	**Accord 1.8i 16V**	10/98-10/98	1850 ccm	100 kW (136 PS)	85 / 4			FDU1487			
ENG. F20A	**Accord 2.0i 16V**	9/89-3/94	1997 ccm	85 kW (116 PS)	85 / 4						
	Ascot 2.0i 16V	9/89 →									
	Prelude 2.0i 16V	9/89 →									
	Vigor 2.0i 16V	9/89-9/93									
ENG. F20B2	**Accord 2.0i 16V**	1/01-12/02	1997 ccm	108 kW (147 PS)	85 / 4						
ENG. F20B3	**Accord 2.0i 16V**	9/93-6/98	1997 ccm	98 kW (133 PS)	85 / 4						
ENG. F20B5	**Accord 2.0i 16V**	12/97 →	1997 ccm	110 kW (150 PS)	85 / 4						
ENG. F20B6	**Accord 2.0i 16V**	10/98-2/03	1997 ccm	108 kW (147 PS)	85 / 4						
ENG. F20Z1	**Accord 2.0i 16V**	3/93-10/98	1997 ccm	96 kW (131 PS)	85 / 4						
ENG. F20Z1	**Accord 2.0i 16V**	3/93-10/98	1997 ccm	96 kW (131 PS)	85 / 4						
ENG. F20Z2	**Accord 2.0i 16V**	3/93-9/95	1997 ccm	85 kW (115 PS)	85 / 4						
ENG. C32A2	**Legend 3.2i 24V**	1/91-2/96	3206 ccm	151 kW (205 PS)	90 / 6						
ENG. C35A2	**Acura 3.5i 24V**	3/96 →	3474 ccm	151-153 kW (205-208 PS)	90 / 6						
	Legend 3.5i 24V	1/96-12/99									
ENG. F22A3	**Accord 2.2i 16V**	1/90 →	2156 ccm	108-110 kW (147-150 PS)	85 / 4	IN	PHON034	14711-PM3-000	29,0x5,5x115,0	45	1
ENG. F22A7, F22A8	**Accord 2.2i 16V**	1/91-6/94	2156 ccm	108-110 kW (147-150 PS)	85 / 4			FDU1485			
						IN	PHON038	14711-PT3-A00	34,0x5,5x112,0	45	1
						EX	PHON035	14721-PM3-000	25,0x5,5x118,8	45	1
								FDU1487			
						EX	PHON039	14721-PT3-A00	29,0x5,5x123,5	45	1
						EX	PHON040	14721-PT6-A00	29,0x5,5x124,0	45	1



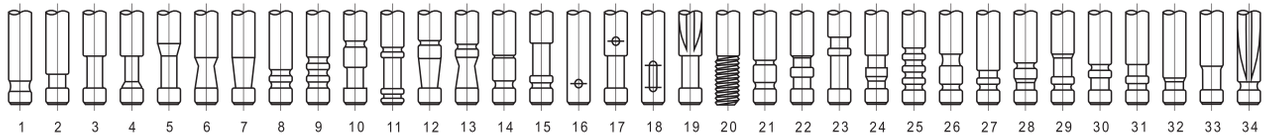
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
HONDA BENZYNA											
ENG. F22A1	**Accord 2.2i 16V**	4/91 →	2156 ccm	110 kW (150 PS)	85 / 4	IN	PHON038	14711-PT3-A00	34,0x5,5x112,0	45	1
	Prelude 2.2i 16V	3/87 →				EX	PHON039	14721-PT3-A00	29,0x5,5x123,5	45	1
ENG. F22B5, F22Z2	**Accord 2.2i 16V**	9/93-10/98	2156 ccm	110 kW (150 PS)	85 / 4	EX	PHON040	14721-PT6-A00	29,0x5,5x124,0	45	1
ENG. F18A3	**Accord 1.8i 16V**	93 →	1850 ccm	100 kW (136 PS)	85 / 4						
ENG. F20A3	**Accord 2.0 16V**	93 →	1997 ccm	108 kW (147 PS)	85 / 4						
ENG. F22A4, F22A6	**U.S.A.:**	90-93	2156 ccm	110 kW (150 PS)	85 / 4						
	Accord 16V										
ENG. B20B	**S-MX 2.0i 16V**	11/96 →	1973 ccm	103 kW (140 PS)	84 / 4	IN	PHON041	14711-P75-A00	31,0x6,6x105,6	45	1
ENG. B20B3	**CR-V 2.0 16V**	10/95-02/02	1973 ccm	94-96 kW (128-131 PS)	84 / 4	EX	PHON042	14721-P75-A00	28,0x6,6x106,0	45	1
Honda (Motocykl)						IN	PHON043		36,0x5,5x86,4	45	1
						EX	PHON044		31,0x5,0x83,4	45	1



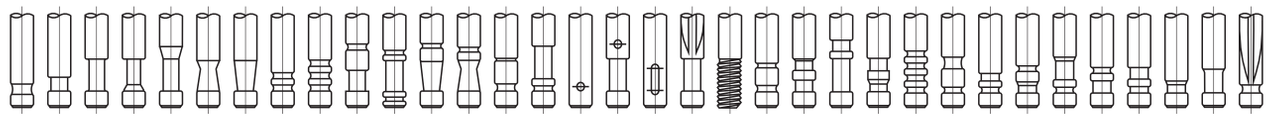
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
HONDA DIESEL											
ENG. 4EE2	**Civic VII 1.7 CDTI 16V**	02 →	1686 ccm	74 kW (100 PS)	79 / 4	IN	PHON045	641025 97185860 14711PLZ-D00	27,5x6,0x98,4	45	1
						EX	PHON046	641369 641387 97358650 97185352 14721PLZ-D00	26,5x6,0x98,1	45	1
ENG. 20 T2N	**Accord VI 2.0 TDi**	4/96-10/98	1994 ccm	74-77 kW (101-105 PS)	84,5 / 4	IN	PHON047	LGH100990 14711-P5TG01	37,0x7,0x86,7	45	1
	Accord VII 2.0 Turbo DI	2/99-12/02									
	Accord VII 2.0 TDi	12/99-10/00				EX	PHON048	LGH100980 14721-P5TG01	32,6x7,0x86,7	45	1
	Civic VI 2.0i D	4/98-2/01									
	Civic VI 2.0 TDiC	11/98-10/00									



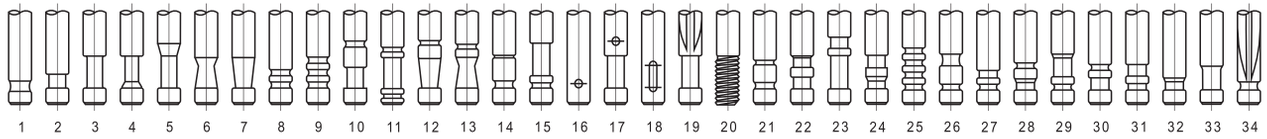
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
HÜRLIMANN DIESEL											
	Club H468.4, H478.4, H481-XF **Elite 6115-XB** **Prestige H 358, 361, 362, 466, 468, 478** **XA 606, 607, 655, 656T, 657, 658T** **Xe305, 306, 361** **XF481** **XN 706, 708** **XT 908, 910.6, 911**					IN	PHUR001	010.6016.0 07814200 08114200 08114201	44,0x9,0x130,9	30	1
						EX	PHUR002	066.1421.0	39,4x9,0x131,0	45	1



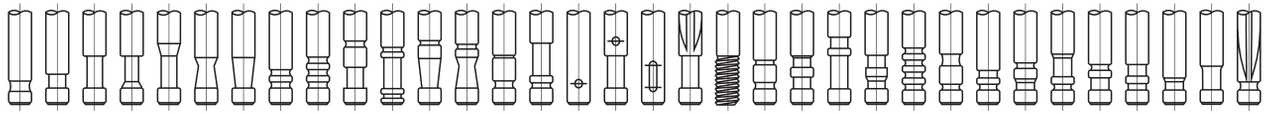
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
HYUNDAI BENZYNA											
Eng. G4JP	**Sonata 2.0i 16V**	98-01	1997 ccm	81 kW (110 PS)	85 / 4	IN	PHYU001	22211-33000	34,0x6,5x109,5	45	1
	Trajet 2.0i 16V	00 →						MD127840			
	Santa Fe 2.0i 16V	00 →				EX	PHYU002	22212-33000	30,5x6,5x109,7	45	1
ENG. G4CS	**Sonata 2.4i 16V**	98-01	2351 ccm	110 kW (150 PS)	86,5 / 4			MD127841			
	H1 2.4i 16V	98-01									
ENG. G4DR	**Lantra 1.6 16V**	01 →	1599 ccm		77,4 / 4						
ENG. G36	**Pony**	74 →	1238 ccm	41-59 kW (55-80 PS)	73 / 4	IN	PHYU005	MD000480	38,0x8,0x106,0	45	32
ENG. 4G33	**Pony**	77 →	1439 ccm	50-68 kW (68-92 PS)	73 / 4			MD002480			
	Stellar	83 →						K491565-0			
ENG. G32 B	**Stellar**	83 →	1594 ccm	55-74 kW (75-100 PS)	76,9 / 4	EX	PHYU006	MD000481	31,0x8,0x102,5	45	32
								MD002481			
								K491566-0			
ENG. G15B	**Pony 1.5**	10/85-7/94	1468 ccm	51-57 kW (70-77 PS)	75,5 / 4	IN	PHYU007	MD016460	34,0x6,6x102,0	45	1
ENG. G4DJ (53 kW)	**Lantra 1.5**	10/90-4/95	1468 ccm	53 kW (72 PS)	75,5 / 4	EX	PHYU008	MD016461	30,0x6,6x101,0	45	1
	Pony 1.5	4/89-7/94						MD003788			
	S-Coupé 1.5	2/90-6/92									
ENG. G13B	**Excel 1.3**	85 →	1299 ccm	49 kW (67 PS)	71 / 4						
	Pony 1.3	85 →									
ENG. G4EH	**Accent 1.3i 12V**	7/94-7/99	1341 ccm	44-51 kW (60-70 PS)	71,5 / 4	IN	PHYU015	22211-22003	27,4x6,0x99,0	45	1
ENG. G4EH	**Accent 1.3i 12V**	7/94 →	1341 ccm	60-63 kW (82-85 PS)	71,5 / 4	EX	PHYU016	22212-22011	32,0x6,0x98,4	45	1
	Getz 1.3i 12V	3/02 →									
	Pony 1.3i 12V	7/94-7/99									
	Verna 1.3i 12V	9/99 →									
ENG. G4EA	**Accent 1.3i 12V**	71,5 / 4	1341 ccm	62 kW (84 PS)	71,5 / 4						
	Click 1.3i 12V										
ENG. G4EB	**Accent 1.5i 12V**	8/99 →	1495 ccm	66 kW (90 PS)	71,5 / 4						
ENG. G4EK	**Accent 1.5i 12V**	7/94-7/99	1495 ccm	65-68 kW (88-92 PS)	75,5 / 4						
	Elantra 1.5i 12V	7/96-9/00									
	Lantra 1.5i 12V	7/96-9/00									
	Verna 1.5i 12V	9/99 →									



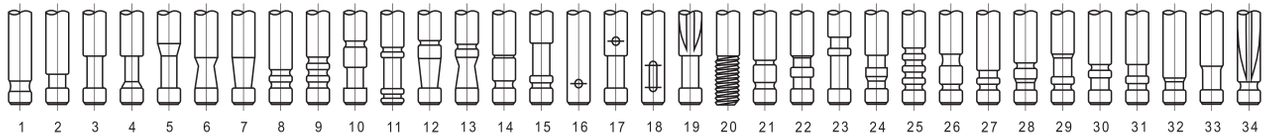
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
HYUNDAI BENZYNA											
ENG. G4ED-G	**Accent 1.6i 16V**	8/99 →	1594 ccm	77-79 kW (105-107 PS)	75,5 / 4	IN	PHYU017	22211-26600	29,1x6,0x91,9	45	1
	Click 1.6i 16V	3/02 →				EX	PHYU018	22212-26000	25,0x6,0x92,4	45	1
	Coupe 1.6i 16V	2/03 →						22212-26600			
	Elantra 1.6i 16V	6/00 →									
	Getz 1.6i 16V	9/02 →									
	Matrix 1.6i 16V	8/01 →									
	Verna 1.6i 16V	03 →									
ENG. G4EE	**Accent 1.4 16V**	05 →	1399 ccm	70 kW (95 PS)	75,5 / 4						
	Getz 1.4 16V										
	Verna 1.4 16V										
ENG. G4FA	**i20 1.4 16V**	08 →	1396 ccm	73-80 kW (99-109 PS)	77 / 4	IN	PHYU028	22211-2B000	31,4x5,5x93,2	45	1
	i30 1.4 16V	08 →						22211-2B400			
	i30 CW 1.4 16V	11/09 →				EX	PHYU029	22212-2B000	26,0x5,5x92,6	45	1
ENG. G4FC	**i30 1.6 16V**	08 →	1591 ccm	90-97 kW (122-132 PS)	77 / 4						
	i30 CW 1.6 16V	2/08 →									
	ix20 CW 1.6 16V	11/10 →									
ENG. G4KA	**Sonata V (NF) 2.0 VVTi GLS**	05/05 - 12/10	1998 ccm	106 kW (144 PS)	4	IN	PHYU032	22211-2G000 KK05047068AB	35,0x5,5x113,3	45	1
	ix35 (LM, EL, ELH) 2.0	01/10 →	1998 ccm	110 kW (150 PS)	4			KK05047068AA			
	ix35 (LM, EL, ELH) 2.0 4WD	01/10 →						KMN187696			
						EX	PHYU033	22212-25002	29,0x5,5x106,0	45	1
	Sonata V (NF) 2.0 GLSI	07/08 - 12/10						KK05047069AB KK05047069AA			
	Sonata V (NF) 2.0 VVTi GLS	01/08 - 12/10						KMN183950			
ENG. G4KE	**ix35 (LM, EL, ELH) 2.4 DCVVT-I 4WD**	07/10 - 12/13	2359 ccm	126 kW (171 PS)	4						
	Santa Fé II (CM) 2.4	11/10 - 12/12									



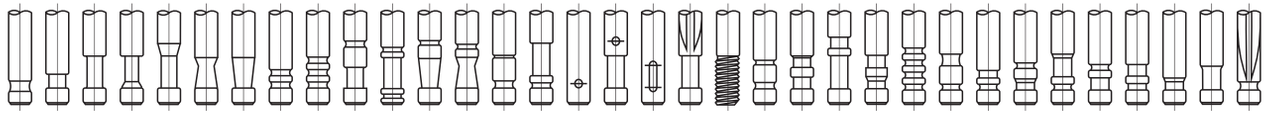
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
HYUNDAI BENZYNA											
ENG. G4HC	**Atos (MX) 1.0i**	02/98 - 12/00	999 ccm	40 kW (54 PS)	4	IN	PHYU034	22211-02500	23,4x5,5x100,4	45	1
						EX	PHYU035	22212-02500	27,1x5,5x100,1	45	1
ENG. G4HG	**Atos (MX) 1.1**	08/03 - 12/08	1086 ccm	46 kW (63 PS)	4	IN	PHYU036	22211-02200	23,5x5,5x99,6	45	1
	Getz (TB) 1.1	09/05 - 06/09				EX	PHYU037	22212-02200	27,0x5,5x98,9	45	1
	i10 (PA) 1.1	01/08 - 12/13									
	i10 (PA) 1.1	04/11 - 12/13									



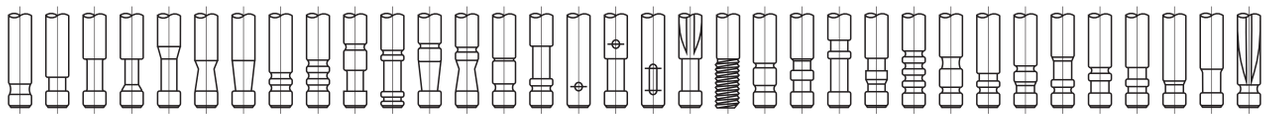
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
HYUNDAI DIESEL											
ENG. D4EA, VM Eng.	**Trajet 2.0 CRDi 16V**	01 →	1991 ccm		83 / 4	IN	PHYU003	22211-27000	28,6x6,0x95,7	45	1
	Santa Fe 2.0 CRDi 16V	01 →						22211-27001			
	Elantra 2.0 CRDi 16V	01 →				EX	PHYU004	22212-27000	24,4x6,0x95,5	45	1
	Tucson 2.0 CRDi 16V	04 →						22212-27001			
	i30 2.0 CRDi 16V	07 →									
ENG. D3EA, VM R315	**Accent 1.5 CRDi 12V**	02 →	1496 ccm		83 / 3						
	Getz 1.5 CRDi 12V	02 →									
	Matrix 1.5 CRDi 12V	02 →									
ENG. D4BF	**H 1 - H 100**		2476 ccm		4	IN	PHYU009		40,0x8,0x132,0	45	1
						EX	PHYU010		34,0x8,0x132,0	45	1
ENG. D4BB	**H 100 (New)**	01 →	2476 ccm		4	IN	PHYU011	22211-42220	42,0x8,0x132,0	45	1
						EX	PHYU012	22212-42220	36,0x8,0x132,0	45	1
ENG. D4BA	**H 100**	91 →	2476 ccm		4	IN	PHYU013	22211-42200	42,0x8,0x136,0	45	1
	H-1 2.5 TD	99 →				EX	PHYU014	22212-42200	36,0x8,0x136,0	45	1
	Porter 2.5 D										
ENG. D4BH	**Galloper 2.5 TD**	91 →	2477 ccm	69-78 kW (94-106 PS)	91,1 / 4	IN	PHYU019	MD083661	40,0x8,0x136,5	45	1
Porter 2.5 D	**ENG. D4BA, D4BX**	93 →	2477 ccm	55-65 kW (75-88 PS)	91,1 / 4			22211-42850			
						EX	PHYU020	MD083662	34,0x8,0x136,5	45	1
								22212-42850			
ENG. D4BB	**H1 2.5 TD**	10/97 →	2477 ccm	57-59 kW (78-80 PS)	91,1 / 4	IN	PHYU021	MD198404	40,0x8,0x130,2	45	1
	H100 2.5 TD	12/94-3/00						22211-42520			
ENG. D4BF-E	**Galloper I 2.5 TD**	2/91-1/97	2477 ccm	59 kW (80 PS)	91,1 / 4	EX	PHYU022	MD198406	34,0x8,0x130,0	45	1
	H100 2.5 TD	6/97 →						22212-42520			
	Satellite 2.5 TD	10/97 →									
	Starex 2.5 TD	10/97 →									
ENG. D4BH	**Galloper I 2.5 TD**	2/91-1/97	2477 ccm	69-78 kW (94-106 PS)	91,1 / 4						
	Galloper II 2.5 TD	2/97-9/02									
	H1 2.5 TD	3/02 →									
	Terracan 2.5 TDI	01 →									
ENG. D4BA, D4BF, D4BX	**H100 2.5 D, TD**	93-01	2477 ccm	54-65 kW (73-88 PS)	91,1 / 4						



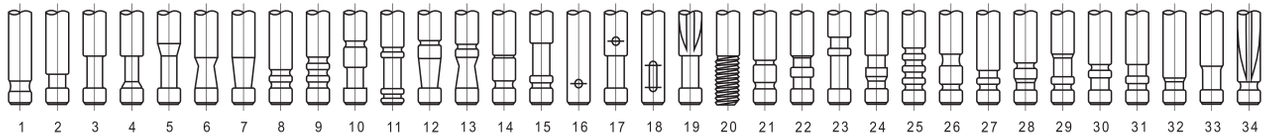
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
HYUNDAI DIESEL											
ENG. J3TCI	**Terracan 2.9 CRDI 16V**	01 →	2902 ccm	93 kW (126 PS)	91,1 / 4	IN	PHYU023	OK55112111A	34,0x7,0x126,2	45	1
						EX	PHYU024	OK55112121A	31,6x7,0x126,0	45	1
ENG. DJY	**Elantra 1.9 D**	5/95-9/00	1905 ccm	50-52 kW (68-71 PS)	83 / 4	IN	PHYU025	0948.46	38,0x8,0x112,4	30	
ENG. XUD 9A, XUD9AY	**Lantra 1.9 D**	97 →	1905 ccm	47-52 kW (64-71 PS)	83 / 4			93501279			1
								93501070			
						IN	PHYU026	93510415	38,5x8,0x112,4	45	1
								96005391			
								LGH10051			
								LGH10053			
								0948.59			
								0948.63			
								9601136380			
								9630597380			
								12911-86CA0			
								12911-66G00			
								12832-66G00			
								22211-29000			
								50054982			
						EX	PHYU027	93510773	33,0x8,0x111,9	45	1
								93510774			
								93501280			
								93501072			
								95501280			
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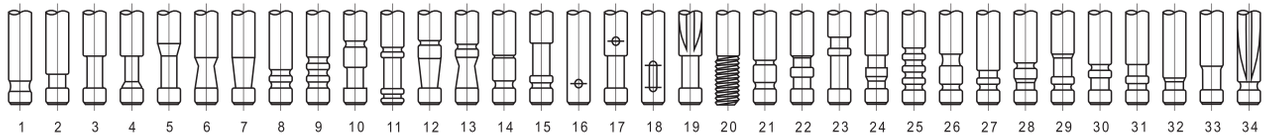
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
IKARUS DIESEL											
ENG. D 2356 HM 6 U, D 2356 HM 9, D 2356 HMN 2	**833, 836**	68 →	10690 ccm	169 kW (230 PS)	123 / 6	IN	PIKA001	1-04101-0302 51.04101.0329 1-04101-0303	57,8x12,0x149,0	45	1
ENG. D 2356 HMN 6	**574, 833, 836**	68 →	10690 ccm	162 kW (220 PS)	123 / 6	EX	PIKA002	51.04101.0364 5000046570	51,7x12,0x148,7	45	1
ENG. D 2156 HM 2	**IK-130, IK-132 IK-4, IK-5, IK-6 190, 216, 230, 250, 255, 260, 280**	66 →	10344 ccm	141-169 kW (192-230 PS)	121 / 6	IN	PIKA003	1-04101-0305 51.04101.0129 51.04101.0305	56,0x12,0x149,0	45	1
						EX	PIKA004	1-04101-0273	49,0x12,0x148,7	45	1
ENG. D 2156 HM 6		6/71 →	10344 ccm	173 kW (235 PS)	121 / 6			51.04101.0373			
ENG. D 2156 HM 3, D 2156 HM 9, D 2156 HMN 3, D 2156 HMN 9			10344 ccm	141 kW (192 PS)	121 / 6						
ENG. D 2156 HNY, D 2156 MNY, D 2156 MYN			10344 ccm	141-169 kW (192-230 PS)	121 / 6						
	Ikarus D 10 UTS - 155E1 D 10 UTS - 180E1				6	IN	PIKA005	10.04101-0001	50,0x11,0x166,7	30	1
						EX	PIKA006	10.04101-0002	48,5x11,0x166,7	45	1
	Ikarus D10 Euro 2					IN	PIKA007	10.04101.0004	50,0x11,0x166,0	30	1
						EX	PIKA008	10.04101.0005	48,5x11,0x166,0	45	1
ENG. D 2156 MT 2, D 2156 MTN 1, D 2156 MTX	**831, 832, 833, 853**	73 →	10344 ccm	188 kW (256 PS)	121 / 6	IN	PIKA009	51.04101.0379	56,0x12,0x149,0	30	1
						EX	PIKA004	1-04101-0273 51.04101.0373	49,0x12,0x148,7	45	1
ENG. D 2156 MT 6 , D 2156 MTK 6, D 2156 MT 6 U, D 2156 MTN 6		9/74 → 10/84 → 7/74 →	10344 ccm	188-190 kW (256-258 PS)	121 / 6						



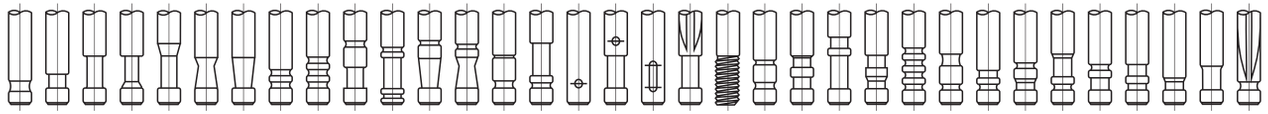
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
IKARUS DIESEL											
ENG. D 2156 MTKLL6,		2/85 →	10344 ccm	206 kW (280 PS)	121 / 6	IN	PIKA009	51.04101.0379	56,0x12,0x149,0	30	1
D 2156 MTKLL6U		6/87 →				EX	PIKA004	1-04101-0273	49,0x12,0x148,7	45	1
ENG. D 2156 MTKU		1/86 →	10344 ccm	169 kW (230 PS)	121 / 6			51.04101.0373			
INFINITY ..... → NISSAN 333											



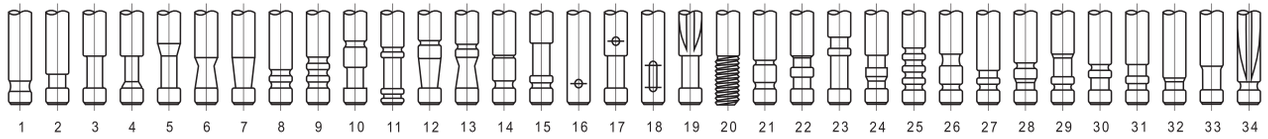
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
INNOCENTI BENZYNA											
ENG. CB	**Minitre 1.0**	82 →	993 ccm	37-41 kW (50-55 PS)	76 / 3	IN	PINN006	13711-87701 13711-87702 13711-87705	36,0x7,0x101,5	45	1
						EX	PINN007	13715-87701 13715-87702	33,0x7,0x101,5	45	1
ENG. 146 A.000	**Koral 45**	90 →	903 ccm	33 kW (45 PS)	65 / 4	IN	PINN014	4265695 4259853 46407749 46427459 4190109 5959564	29,0x7,0x95,3	30	1
						EX	PINN015	4259583 4183555 4274135 4377979 5973130 5959563 5963326 7736408 7783841	26,0x7,0x95,7	45	1
						EX	PINN016	4265696 4266321	26,0x7,0x95,3	45	9



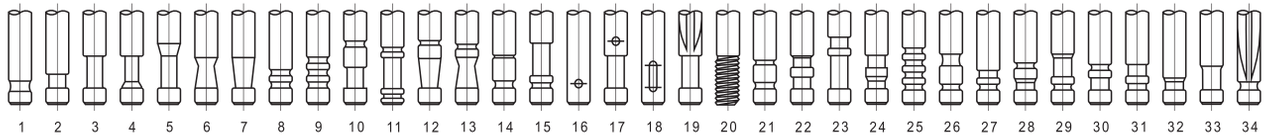
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
INNOCENTI BENZYNA											
ENG. 146 C5.000	**Elba 1.4ie**	93-01	1372 ccm	49 kW (67 PS)	80,5 / 4	IN	PINN017	7609772	37,5x8,0x108,5	45	1
ENG. 160 A1.046	**Mille 1.4ie**	93-01	1372 ccm	51 kW (69 PS)	80,5 / 4			96700311			
ENG. 146 C6.000	**Elba 1.6ie**	91-96	1581 ccm	55 kW (75 PS)	86,4 / 4			46531590			
								46531591			
						EX	PINN018	4315062	31,0x8,0x109,0	45	1
								5973128			
								4239918			
								4314869			
								4190307			
								4286929			
ENG. 146 A4.000	**Koral 55 1.1**	90 →	1116 ccm	43 kW (58 PS)	80 / 4	IN	PINN019	4212771	36,0x8,0x108,5	45	1
								4239917			
								4460697			
						EX	PINN018	4315062	31,0x8,0x109,0	45	1
								5973128			
								4239918			
								4314869			
								4190307			
								4286929			



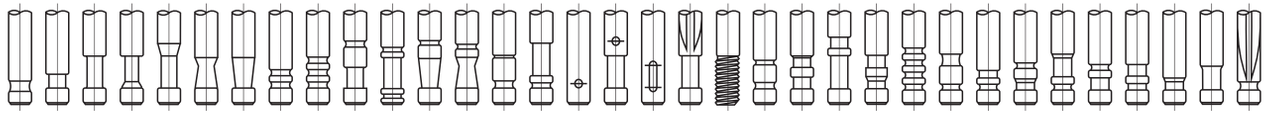
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
INNOCENTI DIESEL											
ENG. CL (Daihatsu)	**Minidiesel**	83 →	993 ccm	27 kW (37 PS)	76 / 3	IN	PINN001	13711-87704 550610306	35,0x7,0x105,0	45	1
						EX	PINN002	13715-87703 550610307	32,0x7,0x105,0	45	1
ENG. 146 B2.000	**Mille 1.7 D**		1697 ccm		82,6 / 4	IN	PINN012	5990532 7547158 60808694	37,4x8,0x116,8	45	1
						EX	PINN013	5990533 7588577 60808695	33,5x8,0x117,0	45	1



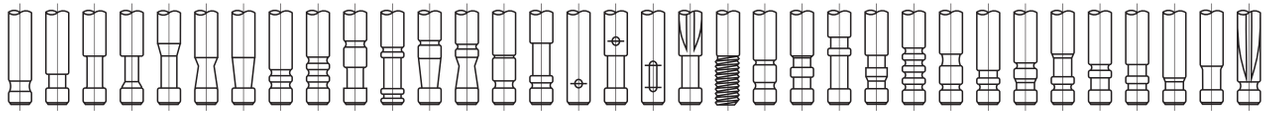
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
INTERNATIONAL HARVESTER DIESEL											
ENG. D 155	**Series V 433, V 533** **Series 353, 383, 423, 433, 440, 453, 500, 503, 533, 540**	66 →	2533 ccm	26-33 kW (35-45 PS)	98,425 / 3	IN	PINT001	3055055R1 3055055R2	42,9x10,0x146,0	45	1
						EX	PINT002	3055056R1 3055056R2	40,9x10,0x146,0	45	1
ENG. D 179	**Series E 633, V 633** **Series 240, 2400, 2454, 3210, 3220, 3400, 454, 464, 484, 4500, 523, 553, 633, 640** **Tractor D523-633**	65 →	2933 ccm	36-38 kW (49-52 PS)	98,425 / 3						
ENG. D 206	**Series E 733** **Series 100, 221, 258, 3230, 474, 554, 584, 624, 633, 644, 645, 654, 733, 740, 884**	65 →	3382 ccm	40-50 kW (54-68 PS)	98,425 / 4						
ENG. D 239	**Series 125** **Series E 833, H 30 B, TD 7 E TD 8 A, TD 8 B/C** **Series 2500, 2544, 2574, 321, 3400, 3500, 3514, 3654, 3800, 421, 431, 452, 4210, 544, 574, 609, 664, 674, 684, 724, 743, 744, 745, 824, 833, 840, 861, 871, 940** **Tractor SU 644 HD**	65 →	3910 ccm	45-67 kW (62-91 PS)	98,425 / 4						
ENG. D 310	**Series H 50 B** **Series 321, 431, 531, 686, 711, 715, 756, 782, 786, 86, 871, 891, 946, 955**	65 →	5070 ccm	62-79 kW (84-107 PS)	98,425 / 6						



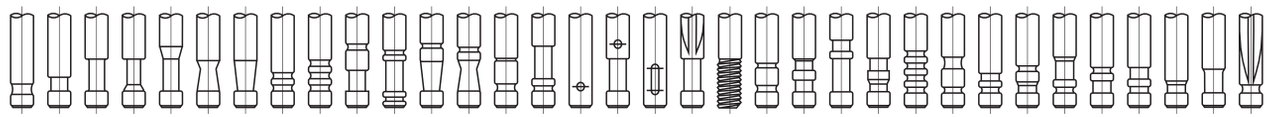
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
INTERNATIONAL HARVESTER DIESEL											
ENG. DD 132	**Series 430, 432**	53-63	1631 ccm	22-30 kW (33-40 PS)	82,55 / 4	IN	PINT003	713384R2	36,0x8,7x147,7	45	33
ENG. DD 66	**Series 212, 214, 215**	56 →	1087 ccm	10 kW (14 PS)	82,55 / 2	EX	PINT004	713385R2	32,0x8,7x147,7	45	33
ENG. DD 99	**Series 320, 322**	56-63	1275 ccm	15-17 kW (20-24 PS)	82,55 / 3						
ENG. DD 74	**Series 217, 219**	56 →	1217 ccm	12-14 kW (17-19 PS)	87,312 / 2						
ENG. DD 111	**Series 323, 324, 326**	56 →	1825 ccm	17-19 kW (24-26 PS)	87,317 / 3						
ENG. D 414	**H 65 C Loader**	72 →			109,22 / 6	IN	PINT005	675046C2	50,0x9,5x147,0	30	32
ENG. DT 414-Turbo	**UDT 414**	72 →			109,22 / 6			675046C4			
ENG. D 436	**Hydro 100**	72 →			109,22 / 6	EX	PINT006	676865C2	40,5x9,5x147,0	45	32
ENG. DT 436-Turbo	**1466, 1566, 4166**	72 →			109,22 / 6			676865C4			
ENG. D 466	**UD 466**	72 →			109,22 / 6						
ENG. DT/ DTI 466-Turbo	**TC 15C, UDT 466**	72 →			109,22 / 6						
ENG. DT466 NGD	**NAVISTAR**					IN	PINT014	1824642C2	50,0x9,5x147,0	30	1
						EX	PINT015	1824642C1	40,7x9,5x147,0	45	1
ENG. 6.354	**Series H 65 B/C**	1/69-12/86	5794 ccm	69-82 kW (94-112 PS)	98,48 / 6	IN	PINT024	31431641	44,4x9,48x123,0	45	1
	Series 1700	1/71 →						31431103			
	Series 1820	1/75 →						31431163			
ENG. 6.354.2	**Series 1600**	1/70-12/72	5794 ccm	85 kW (115 PS)	98,48 / 6			733819M1			
	Series 1800	1/70-12/72				EX	PINT025	31431881	36,5x9,46x123,4	45	1
ENG. 4.212	**Series 475**	1/75 →	3475 ccm	44-47 kW (60-64 PS)	98,48 / 4			31431104			
ENG. 4.236	**Series 1210**	1/72-12/74	3864 ccm	48-60 kW (59-80 PS)	98,48 / 4			31431109			
	Series 1310	1/72-12/74						31431164			
	Series 660	1/72 →						31431791			
								31431851			
								31431891			
								31431931			
								733818M1			



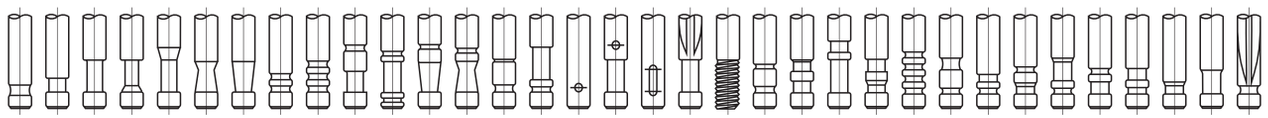
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
INTERNATIONAL HARVESTER DIESEL											
ENG. 6.354	**Series H 65 B/C**	1/69-12/86	5794 ccm	69-82 kW (94-112 PS)	98,48 / 6	IN	PINT037	3142H002	44,2x9,5x123,0	30	1
	Series 1700	1/71 →				EX	PINT038	3142A052	36,5x9,5x123,5	45	1
	Series 1820	1/75 →				IN	PINT028	31431402	44,4x9,86x123,0	45	1
ENG. 6.354.2	**Series 1600**	1/70-12/72	5794 ccm	85 kW (115 PS)	98,48 / 6			736813M1			
	Series 1800	1/70-12/72				EX	PINT029	31431411	36,5x9,53x123,4	45	1
ENG. 4.212	**Series 475**	1/75 →	3475 ccm	44-47 kW (60-64 PS)	98,48 / 4			736815M1			
ENG. 4.236	**Series 1210**	1/72-12/74	3864 ccm	48-60 kW (59-80 PS)	98,48 / 4				Grubość grzybka +1,0 [mm]		
	Series 1310	1/72-12/74									
	Series 660	1/72 →				IN	PINT026		44,4x9,48x123,0	45	1
						EX	PINT027		36,5x9,46x123,4	45	1
						IN	PINT030		37,2x9,0x150,3	45	1
						EX	PINT031		30,3x9,0x148,3	45	1
ENG. DD 132 S	**Series 436**	59-65	1631 ccm	32 kW (40 PS)	82,55 / 4	IN	PINT032	717374R1	36,0x8,7x152,1	45	33
ENG. DU 148	**Series 862**	56 →	2434 ccm	28 kW (39 PS)	87,312 / 4	EX	PINT033	717375R1	32,0x8,7x152,1	45	33
ENG. DD 148	**Series 436**	59-65	2434 ccm	27 kW (36 PS)	87,317 / 4						
	Series 438	59-65									
	Series 439	59-65									
ENG. DT 402	**1255, 1255XL, 1455, 1455XL**					IN	PINT001	3055055R1 3055055R2	42,9x10,0x146,0	45	1
						EX	PINT034	3136915R2	41,0x10,0x146,0	45	1
	238, 275, 276, 354, 374, 384, 414, 424, 434, 444					IN	PINT035	1231516R91 3044174R1	37,3x8,7x148,0	45	1
						EX	PINT036	3044175R1	30,0x8,7x148,0	45	1



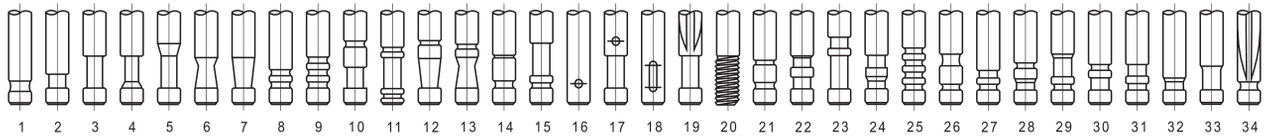
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ISUZU DIESEL											
ENG. 4ZE1	**Amigo 2.6i**	3/89 →	2559 ccm	84-90 kW (114-122 PS)	92,6 / 4	IN	PISU021	8-94174-221	44,1x8,0x108,6	45	2
	Bighorn 2.6i	9/88-11/91						8-94174-222			
	Mu 2.6i	5/89-4/93						8-94447-025			
	Rodeo 2.6i	10/90 →				EX	PISU022	8-94174-223	37,0x8,0x108,1	45	2
	Trooper 2.6i	10/87-12/92						8-94447-026			
	NKR 2.6i	5/93 →									
ENG. 4ZD1	**Impulse**	89 →	2254 ccm		89,3 / 4						
ENG. 4EC1	**Chevrolet Spectrum**	84 →	1488 ccm	37 kW (50 PS)	76 / 4	IN	PISU023	8943268430	34,6x7,0x104,1	45	1
	Gemini 1.5 D	5/85-4/90						641007			
ENG. 4EC1-T	**Gemini 1.5 TD**	5/85-4/90	1488 ccm	49-54 kW (67-73 PS)	76 / 4			641000			
ENG. 4EE1-T	**Gemini 1.7 TD**	3/90-2/93	1686 ccm	ccm 60-65 kW (82-88 PS)	79 / 4			94370173			
	Geo Storm 1.7 TD	2/90-3/93				EX	PISU024	641322	30,6x7,0x104,0	45	1
	Impulse 1.7 TD	2/90-2/93						641300			
	Stylus 1.7 TD	3/90 →						641301			
ENG. 4EE1	**Gemini 1.7 D**	4/90-3/93	1686 ccm	44 kW (60 PS)	79 / 4			97037591			
								8941150592			
								8941100173			
ENG. C190	**Campo 2.0 D**	8/81-86	1951 ccm	40 kW (55 PS)	86 / 4	IN	PISU025	94029351	40,0x8,0x116,0	45	1
	Fastar 2.0 D	71-5/88						5125510280			
	Florian 2.0 D	71-5/88				EX	PISU026	94029352	34,0x8,0x116,0	45	1
	Gemini 2.0 D	71-5/88						512550340			
	Journey 2000	71-5/83									
	Elf 150 2000										
ENG. C240	**Micro-Bus 2400**	12/78-81	2369 ccm	44-55 kW (60-75 PS)	86 / 4						
	Elf 150 2400	12/78-7/84									
	Elf 250 2400	7/75-6/84									
	TLD 13	69-85									
	TLD 23	70-79									



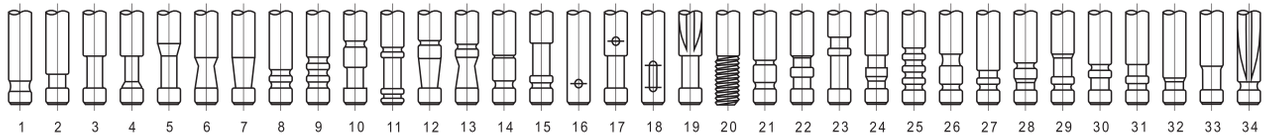
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ISUZU DIESEL											
ENG. C223	**Bighorn 2.2 D**	9/81-3/88	2238 ccm	45 kW (61 PS)	88 / 4	IN	PISU025	94029351	40,0x8,0x116,0	45	1
	Campo 2.2 D	8/88 →						5125510280			
	Fastar 2.2 D	4/85-9/89				EX	PISU026	94029352	34,0x8,0x116,0	45	1
	Trooper 2.2 D	2/81-10/88						512550340			
ENG. C223T	**Bighorn 2.2 TD**	1/84-8/88	2238 ccm	53 kW (72 PS)	88 / 4						
	Trooper 2.2 TD	8/83-8/88									
ENG. 4HG1	**NPR250, NPR300, NPR400**	ENG. 98-02	4570 ccm	84,5 kW (115 PS)		IN	PISU027	8971713980	50,0x9,0x141,0	45	1
						EX	PISU028	8971713990	42,0x9,0x140,7	45	1
	NPS250, NPS300										
	NPR71										
	NPS71										
ENG. TD27	**Fargo 2.7 D**	8/95 →	2664 ccm	62-73 kW (85-99 PS)	96 / 4	IN	PISU029	13201-G2403	43,5x8,0x117,0	45	1
								13201-43G01			
								1952666			
						EX	PISU030	13202-G2403	38,0x8,0x117,0	45	1
								13202-31N01			
								1962501			
ENG. 4HK1	**Isuzu NPR, NPR-HD, NQR, NRR, VDS Bogdan (Small Bus)**	01/05 -	5139 ccm	147 kW (200 PS)	115/4	IN	PISU031	8-94395-882-2	37,2x8,0x130,5	30	1
ENG. 6HK1		01/05 -	7790 ccm	210 - 212 kW (285 - 288 PS)	115/6	EX	PISU032	8-97209-876-3	37,1x8,0x130,3	45	1
IVECO ..... → **FIAT/IVECO** **121**											



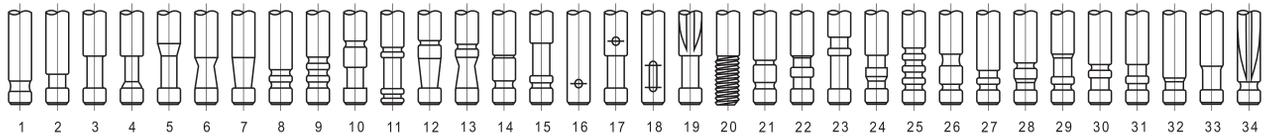
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
JEEP BENZYNA											
ENG. ECN	**Compass (MK49) 2.0**	05/11 -	1998 ccm	115 kW (156 PS)	4	IN	PJEE019	22211-2G000	35,0x5,5x113,3	45	1
ENG. ED3	**Compass (MK49) 2.4**	08/06 -	2360 ccm	125 kW (170 PS)	4			KK05047068AB			
	Compass (MK49) 2.4 4x4	09/06 -						KK05047068AA			
	Patriot (MK74) 2.4 4x4	01/08 -						KMN187696			
	Patriot (MK74) 2.4 Eco + 4x4	07/08 -				EX	PJEE020	22212-25002	29,0x5,5x106,0	45	1
								KK05047069AB			
								KK05047069AA			
								KMN183950			



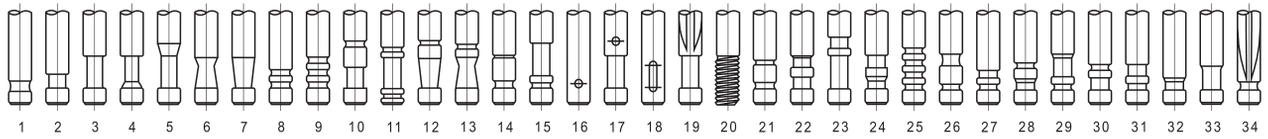
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
JEEP DIESEL											
ENG. M51, M52, HR425, HS492	**Cherokee 2.5 TD** **Grand Cherokee 2.5 TD**	95-99 95-99	2499 ccm		92 / 4	IN	PJEE001	V94DD6507AA 60507189 116760330001 20360026 20360026A 2036019 04720146 AEU2296 AEU2296L	40,0x8,0x121,0	35	1
						EX	PJEE002	V94DD6505AA 60504864 60540864 195590330100 116760330101 2037018 04720148 LGH10041 RTC4116	34,0x8,0x121,0	45	1
						EX	PJEE003	20370025 20370025A	34,0x8,0x121,0	45	1
ENG. OM 655.921, OM 612	**Grand Cherokee 2.7 CRD 20V**	01 →	2686 ccm	110-125 kW (150-170 PS)	88 / 5	IN	PJEE004	6110530101 6110530401 05073735AA	30,2x7,0x104,0	45	1
						EX	PJEE005	6110530105 6110500127 05073738AA	28,3x7,0x104,4	45	1



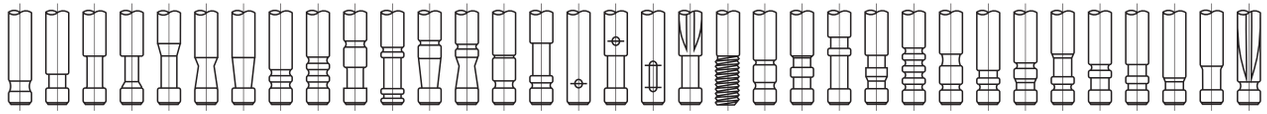
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
JEEP DIESEL											
ENG. J8S 708/712/714	**Cherokee 2.1 TD**	86 →	2068 ccm	63-65 kW (86-88 PS)	86 / 4	IN	PJEE011	7700663545 7701461338 7700692312 7701462232	40,3x8,0x111,6	45	1
						EX	PJEE012	7700663546 7701461339	33,3x8,0x111,6	45	1
ENG. C240	**Renegade** **Laredo**		2369 ccm	44-55 kW (60-75 PS)	86 / 4	IN	PJEE013	94029351 5125510280	40,0x8,0x116,0	45	1
						EX	PJEE014	94029352 512550340	34,0x8,0x116,0	45	1
ENG. ECD	**Compass 2.0 CRDI 16V** **Patriot 2.0 CRDI 16V**	06 →	1968 ccm		81 / 4	IN	PJEE015	03G109601B MN980080 68001582AA	29,2x6,0x87,8	45	9
						EX	PJEE016	03G109611D MN980081 68001583AA	25,5x6,0x87,5	45	9
ENG. OM 642.982	**Cherokee 3.0 CRD 24V**	05 →	2987 ccm	160-165 kW (218-224 PS)	88 / 6	IN	PJEE017	6420530401 MN960088 05175396AA	28,6x6,0x102,2	45	9
						EX	PJEE018	6420500527 MN960089 05175397AA	25,4x6,0x102,2	45	9



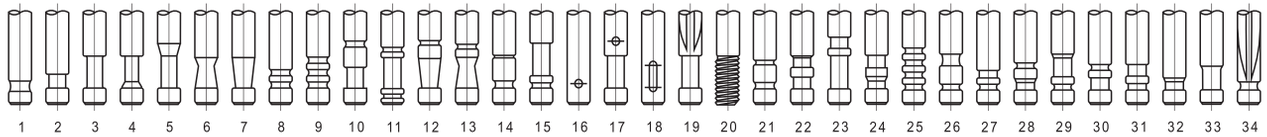
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
JELCZ DIESEL											
	SW 680		11100 ccm	147 kW (200 PS)	127,01 / 6	IN	PJEL001	PL608532 608532	56,0x11,0x151,8	30	1
						EX	PJEL002	PL608533 608533	48,4x11,0x150,7	30	1
	SW 680 Turbo				127,01 / 6	IN	PJEL003	Pl612817 612817	55,2x11,0x151,7	30	1
						EX	PJEL004	PL613865	47,6x11,0x150,4	30	1



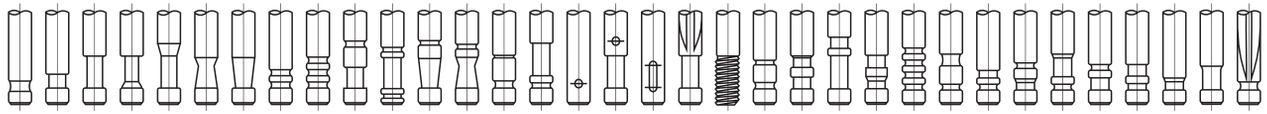
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
JOHN DEERE DIESEL											
	820, 920, 1020, 1120, 2020, 2120, 3120, 830, 930, 1030, 1130, 1630, 1830, 2030, 2130, 3030, 3130, 840, 940, 1040, 1140, 1640, 1840, 2040, 2040S, 2140, 3040, 3140, 3340, 3640, 4040, 4040S, 1350, 1550, 1750, 1850, 1950, 2250, 2450, 2650, 2850, 3050, 3350, 3650, 4050					IN	PJOH001	R52251 T20174T CDX0881	45,0x9,48x131,0	45	2
						IN	PJOH040	R79623	45,0x9,48x131,0	45	31
						EX	PJOH002	R52252 T20157T CDX0634A	40,0x9,46x131,0	45	2
						EX	PJOH041	R79624	40,0x9,46x131,0 +.003"	45	31
						IN	PJOH006	R57332 R79628	45,0x9,55x131,0	45	2
ENG. 310/510		68-75	2490 ccm		98 / 3						
ENG. 710			3320 ccm		98 / 4	EX	PJOH007	R57333 R79625	40,0x9,53x131,0 +.005"	45	2
ENG. 3164 D		68 →	2690 ccm		102 / 3						
ENG. 4219 D		68 →	3590 ccm		102 / 4						
ENG. 3239 DL		73 →	5380 ccm		102 / 6	IN	PJOH008		45,0x9,60x131,0	45	2
ENG. 3239 DL		74 →	2938 ccm		106,5 / 3	EX	PJOH009		40,0x9,58x131,0 +.015"	45	2
ENG. 4239 D		74 →	3918 ccm		106,5 / 4						
ENG. 6359 D		74 →	5876 ccm		106,5 / 6	IN	PJOH010	R57334 R79629	45,0x9,86x131,0	45	2
ENG. 3179T, 4239, 4276, 6329D, 6359T						EX	PJOH011	R57335 R79626	40,0x9,84x131,0 +.030"	45	2
						IN	PJOH012	R79630	45,0x10,24x131,0	45	2
						EX	PJOH013	R79627	40,0x10,22x131,0	45	2



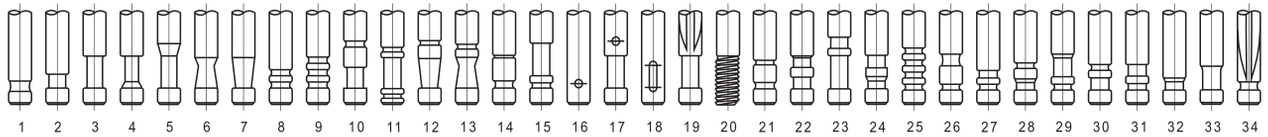
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
JOHN DEERE DIESEL											
ENG. 179 D	**3029 D/T/A**				3	IN	PJOH003	R98062	46,6x7,87x134,0	30	1
ENG. 239 D	**4039 D/T/A**				4	EX	PJOH004	R90692	42,5x7,86x133,4	30	1
ENG. 276 D	**4045 D/T/A**				4				+.015"		
ENG. 359 D	**6059 D/T/A**				6	IN	PJOH014	R97490	46,6x8,25x134,0	30	1
ENG. 414 D	**6068 D/T/A**				6	EX	PJOH015	R97492	42,5x8,24x133,4	30	1
ENG. 4045, 6068	**3100, 3300, 3400, 3110, 3310, 3410, 5200, 5300, 5400, 5500, 5310, 5410, 5420, 5520, 5620, 5720, 5820, 6100, 6200, 6300, 6400, 6600, 6800, 6900, 6010, 6110, 6210, 6310, 6410, 6510, 6610, 6810, 6910, 6205, 6215, 6020, 6120, 6220, 6320, 6420, 6520, 6820, 6920, 6506, 6605, 7200, 7400, 7600, 7610, 7220, 7320, 7420, 7520**										
ENG. 3164 D	**1020 - 1120 T**	71 →	2690 ccm		102 / 3	IN	PJOH005	R89219	46,0x9,45x131,0	30	2
ENG. 4219 D	**2120 T**	71 →	3590 ccm		102 / 4			R51735			
	2140, 4040, 4040S, 1950, 2650, 2850, 3650					EX	PJOH002	R52252 T20157T CDX0634A	40,0x9,46x131,0	45	2



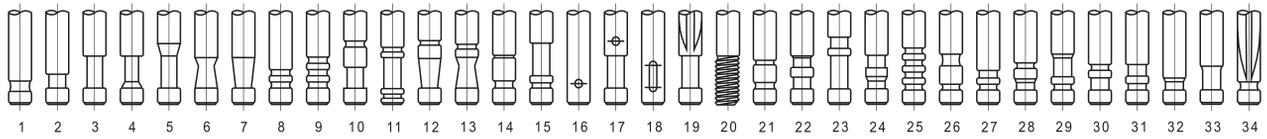
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L mm. d D L	Kąt przylgni	Typ zamka
JOHN DEERE DIESEL											
ENG. 6466 D/T/A	**4020, 4520, 4230, 4040, 4240, 4050, 4000**				6	IN	PJOH016	R43883	48,3x9,47x156,0	45	31
						EX	PJOH017	R43679	43,5x9,45x155,8	45	2
ENG. 6404 D (215,001>)	**105, 6602, 7700**				6				+.003"		
ENG. 6404 T/AC (>245, 546)					6	IN	PJOH018	R45003	48,3x9,55x156,0	45	31
ENG. 4270 (280,001>)					4	EX	PJOH019	R43787	43,5x9,53x155,8	45	2
ENG. 3200, JD500, JD 500A, JD500B					4				+.015"		
						IN	PJOH020	R45004	48,3x9,85x156,0	45	31
ENG. JD600 Series					6	EX	PJOH021	R43788	43,5x9,83x155,8	45	2
									+.030"		
						IN	PJOH022	R45005	48,3x10,23x156,0	45	31
						EX	PJOH023	R43789	43,5x10,21x155,8	45	2
ENG. 6404A/T, 6466A/T	**4430, 4630, 4440, 4640, 4840, 7020, 7700, 8430, 8440, 4050, 4250, 4450, 4650, 4850**				6	IN	PJOH024	R50358	43,5x9,47x157,2	30	31
						EX	PJOH025	R50357	43,5x9,45x157,7	30	1
									+.003"		
						IN	PJOH026	R55055	43,5x9,55x157,2	30	31
						EX	PJOH027	R55056	43,5x9,53x157,7	30	1
									+.015"		
						IN	PJOH028	R55057	43,5x9,85x157,2	30	31
						EX	PJOH029	R55058	43,5x9,83x157,7	30	1
									+.030"		
						IN	PJOH030	R55059	43,5x10,23x157,2	30	31
						EX	PJOH031	R55060	43,5x10,21x157,7	30	1



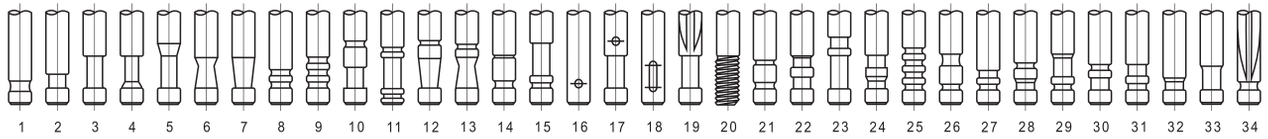
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
JOHN DEERE DIESEL											
ENG. 6076 T/A/H	**4650,4555, 4755, 4955, 4055, 4255, 4455, 7700, 7800, 710, 7810, 7820, 7920, 8100, 8200, 8300, 8110, 8210, 8310, 8410, 8120, 8220, 8320, 8420, 8520**					IN	PJOH032	R84618	51,0x9,46x154,0	30	2
						EX	PJOH033	R84619	47,0x9,44x157,0	30	32
						IN	PJOH034	R93308	51,0x9,54x154,0	30	2
						EX	PJOH035	R93311	47,0x9,52x157,0	30	32
						IN	PJOH036	R93312	51,0x9,84x154,0	30	2
						EX	PJOH037	R93313	47,0x9,82x157,0	30	32
ENG. 6068	**6020 Series 6320, 6420, 6420S, 6520 (6068H), 6620 (6068H), 6820, 6920, 6920S 7020 Series 7220 (6068H), 7320 (6068H), 7420 (6068H), 7520 (6068H), 7720, 7820**		6800 ccm		4/6	IN	PJOH038	R502369 RE518080	37,0x7,0x135,6	30	1
						EX	PJOH039	R502370 RE518081	36,0x7,0x135,5	30	1



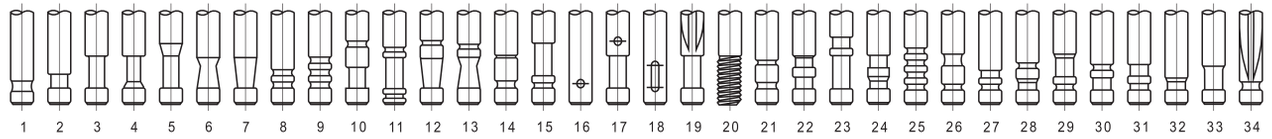
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
JUNAK BENZYNA											
ENG. S03 (OHV)	**M10**	60-61	349 ccm	14 kW (19 PS)	75 / 1	IN	PJUN001		43,0x9,0x107,0	45	5
						EX	PJUN002		40,0x9,5x106,0	45	5



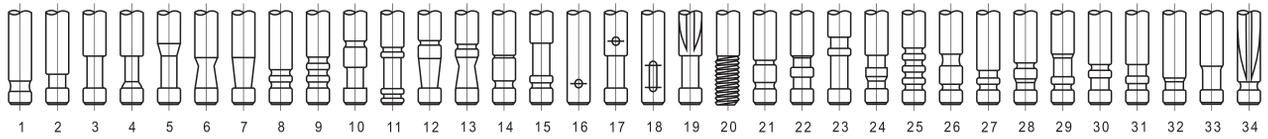
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
KAMAZ											
						IN	PKAM001	7406.10070.10	51,5x10,0x160,7	45	2
						EX	PKAM002	7406.10070.15	46,4x10,0x160,7	45	2



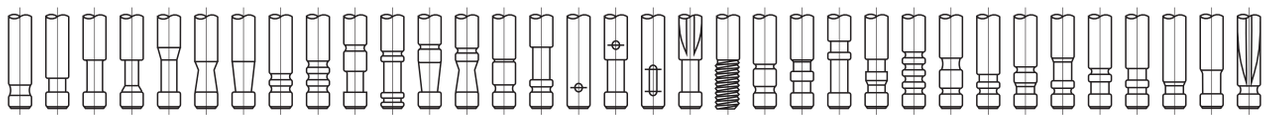
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
KIA BENZYNA											
ENG. G4JP	**Magentis 2.0i 16V**	01 →	1997 ccm	81 kW (110 PS)	85 / 4	IN	PKIA005	22211-33000	34x6,5x109,5	45	1
	Optima 2.0i 16V	00 →						MD127840			
						EX	PKIA006	22212-33000 MD127841	30,5x6,5x109,7	45	1
ENG. RF (Mazda)	**Sportage 2.0 TD**	94 →	1998 ccm	53 kW (72 PS)	86 / 4	IN	PKIA007	RF01-12-111	41,0x8,0x107,0	45	1
ENG. R2 (Mazda)	**Besta 2.2 D**	96 →	2184 ccm	46 kW (65 PS)		EX	PKIA008	RF01-12-121 RF01-12-121B	36,0x8,0x106,8	45	1
ENG. B1	**Pride 1.1i 8V**	1/91 →	1138 ccm	38 kW (52 PS)	4	IN	PKIA013	MB30112111	32,0x7,0x105,3	45	1
	Pride 1.3i 8V	1/90 →	1324 ccm	51 kW (69 PS)	4	EX	PKIA014	KKY0112121 KK15012121 KK15114121	28,0x7,0x104,2	45	1
EN G. B5 (DOHC)	**Sephia 1.5 16V**	96 →	1498 ccm		78 / 4	IN	PKIA015	B657-12111	31,0x6,0x105,3	45	1
	Sheda 1.5 16V	96 →						B6MC-12111			
						EX	PKIA016	B660-12121 B695-12121B BJ01-12121	26,2x6,0x105,3	45	1
ENG. G4ED	**Carens 1.6i 16V**	4/02 →	1599 ccm	77-82 kW (105-112 PS)	76,5 / 4	IN	PKIA017	22211-26600	29,1x6,0x91,9	45	1
ENG. G4ED	**Cerato 1.6 16V**	04 →	1599 ccm	77-82 kW (105-112 PS)	76,5 / 4	EX	PKIA018	22212-26000	25,1x6,0x92,4	45	1
	Rio 1.6 16V	05 →						22212-26600			
ENG. G4FA	**Cee'd 1.4 16V**	06 →	1396 ccm	77-80 kW (105-109 PS)	77 / 4	IN	PKIA021	22211-2B000	31,4x5,5x93,2	45	1
	Pro Cee'd 1.4 16V	2/08 →						22211-2B400			
	Rio III 1.4 16V	9/11 →				EX	PKIA022	22212-2B000	26,0x5,5x92,6	45	1
ENG. G4FC	**Carens III 1.6 16V**	8/09 →	1591 ccm	85-97 kW (115-132 PS)	77 / 4						
	Cee'd 1.6 16V	12/06 →									
	Cerato 1.6 16V	5/06 →									
	Pro Cee'd 1.6 16V	2/08 →									
	Soul 1.6 16V	2/09 →									
	Venga 1.6 16V	2/10 →									



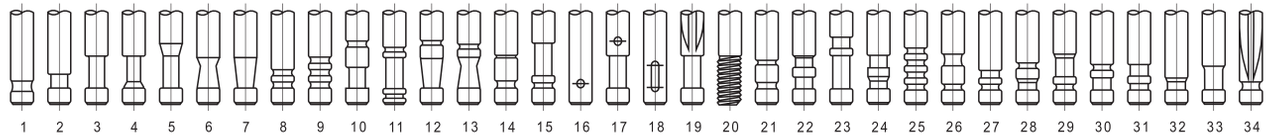
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
KIA BENZYNA											
ENG. G4KA	**Carens III MPV (UN) 2.0 CVVT**	09/06 -	1998 ccm	100 kW / 136 HP	4	IN	PKIA029	22211-2G000	35,0x5,5x113,3	45	1
								KK05047068AB			
	Magentis (MG) 2.0	11/05 -						KK05047068AA			
ENG. G4KD	**Magentis (MG) 2.0**	07/09 -	1998 ccm	106 kW / 144 HP	4			KMN187696			
	OPTIMA 2.0	03/12 -				EX	PKIA030	22212-25002	29,0x5,5x106,0	45	1
	Sportage (SL) 2.0 CVVT	07/10 -						KK05047069AB			
	Sportage (SL) 2.0 CVVT AWD	07/10 -						KK05047069AA			
								KMN183950			
ENG. G4KE	**Sorento II (XM) 2.4 CVVT**	11.2009 -	2359 ccm	126 kW / 171 HP	4						
	Sorento II (XM) 2.4 CVVT 4WD	11.2009 -									
ENG. G4HG	**PICANTO (SA) 1.1**	04/04 -	1086 ccm	48 kW (65 PS)	4	IN	PKIA031	22211-02200	23,5x5,5x99,6	45	1
ENG. G4HE	**PICANTO (SA) 1.0**	04/04 -	999 ccm	45 kW (61 PS)	4	EX	PKIA032	22212-02200	27,0x5,5x98,9	45	1
	PICANTO (SA) 1.0	09/07 -									



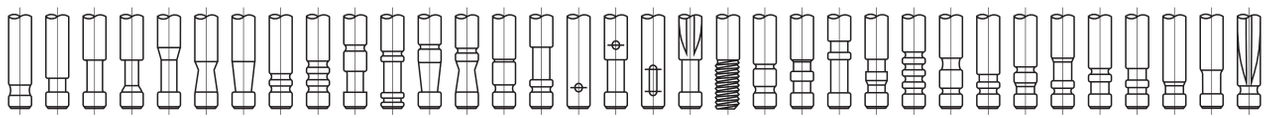
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
KIA DIESEL											
ENG. J3TCI	**Carnival 2.9 TDI**	98 →	2902 ccm	93 kW (126 PS)	97,1 / 4	IN	PKIA001	OK55112111A	34,0x7,0x126,2	45	1
	Carnival 2.9 CRDI 16V	01 →				EX	PKIA002	OK55112121A	31,6x7,0x126,0	45	1
	Carnival 16V		2200 ccm								
	Sportage 2.0 TD	98 →	1998 ccm		86 / 4	IN	PKIA003	12911-78E00	39,5x8,0x106,7	30	1
						EX	PKIA004	12915-78E00	35,0x8,0x106,7	45	1
ENG. RF (Mazda)	**Sportage 2.0 TD**	94 →	1998 ccm	53 kW (72 PS)	86 / 4	IN	PKIA007	RF01-12-111	41,0x8,0x107,0	45	1
ENG. R2 (Mazda)	**Besta 2.2 D**	94 →	2184 ccm	46 kW (65 PS)	86 / 4	EX	PKIA008	RF01-12-121	36,0x8,0x106,8	45	1
								RF01-12-121B			
ENG. D4EA	**Carens 2.0 CRDi 16V**	02 →	1991 ccm	83-110 kW (113-150 PS)	83 / 4	IN	PKIA009	22211-27000	28,6x6,0x95,7	45	1
	Cerato 2.0 CRDi 16V	04 →						22211-27001			
	Sportage 2.0 CRDi 16V	04 →				EX	PKIA010	22212-27000	24,4x6,0x95,5	45	1
	Magnetis 2.0 CRDi 16V	05 →						22212-27001			
ENG. D4BH	**Pregio 2.5 TD**	8/01 →	2477 ccm	69-78 kW (94-106 PS)	91,1 / 4	IN	PKIA011	MD198404	40,0x8,0x130,2	45	1
	Pregio 2.5 TDI/TCI	04 →						22211-42520			
	K2500 2.5 Tci	05 →				EX	PKIA012	MD198406	34,0x8,0x130,0	45	1
								22212-42520			
EN G. J2	**K2700 2.7 D**	10/00 →	2665 ccm	59-61 kW (80-83 PS)	94,5 / 4	IN	PKIA019	OK65C12111	44,0x8,5x112,6	45	1
	Pregio 2.7 D	10/97 →				EX	PKIA020	OK65A12121	37,3x8,5x112,9	45	1
								OK65B12121			



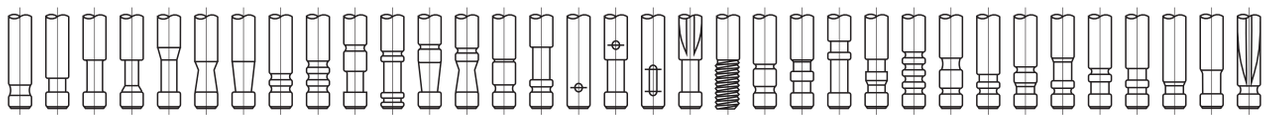
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
KLOECKNER-HUMBOLDT-DEUTZ DIESEL											
ENG. BF 6 L 912	**Series D 12006**	5/72 →	5655 ccm	88-100 kW (120-136 PS)	100 / 6	IN	PKHD001	2133731	43,0x8,0x133,0	45	1
	Series D 13006	5/72-2/78						2137301			
ENG. F 1 L 511 D		1/78-92	825 ccm	11-13 kW (15-17 PS)	100 / 1			4153773			
ENG. F 1 L 511 W		79-83	825 ccm	11 kW (15 PS)	100 / 1			4153629			
ENG. F 2 L 511 D		1/78-92	1650 ccm	22-26 kW (30-35 PS)	100 / 2			4153631			
ENG. F 2 L 511 W		79-83	1650 ccm	19-22 kW (26-30 PS)	100 / 2	EX	PKHD002	2232717	37,0x8,0x133,0	45	1
ENG. BF 6 L 913	**Actor 5520**	6/99 →	6128 ccm	70-140 kW (95-191 PS)	102 / 6			2137300			
	AgroStar DX 6.71/6.81	1/95 →						2237221			
	AgroStar 6.31	90-93						3371762			
	AgroStar 6.38/6.61	1/89-12/99						3371776			
	AgroStar 6.71/6.81/6.88/8.31	1/93-12/99						4153696 4153697			
	Ectron 5530	6/99 →						DO155085050			
	Intrac 6.30/6.60	1/88 →									
	Maehdrescher Series 5670	6/99 →									
	Series DX 140/145/160/230	5/78-1/86									
	Sersie DX 4.51	1/90-6/96									
	Series DX 6.50/6.60/7.10	6/86 →									
	Series M 168/160	9/73-12/82									
	Series M 1320/1300/1302	1/74-12/87									
	Series M 1322	1/80-12/87									
	Series M 2685	1/80-12/87									
	Series M 2780	1/81-12/87									
	Series M 3580										
	Series M 3610	3/87									
	Series M 4040/4045										
	TopLiner 4060										



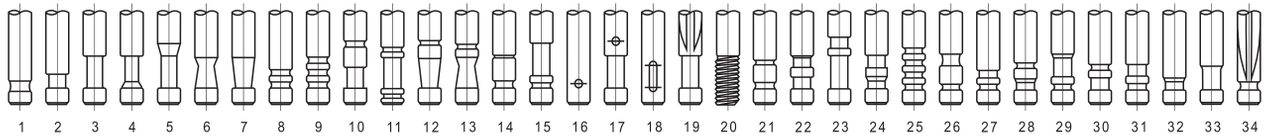
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
KLOECKNER-HUMBOLDT-DEUTZ DIESEL											
ENG. BF 4 L 913 T	**Series DX 4.50/4.51** **Sersie DX 4.70** **Series DX 86/92**	6/86-6/96 5/86 → 1/82-10/85	4086 ccm	55-78 kW (75-106 PS)	102 / 4	IN	PKHD001	2133731 2137301 4153773	43,0x8,0x133,0	45	1
ENG. BF 6 L 913 T	**AgroSun 100/140** **Intrac 6.30** **Seires DX 4.50** **Series DX 4.70** **Series DX 6.31** **Series M 4035**	97 → 1/88-6/94 6/86-6/96 1/92 → 1/90 →	6128 ccm	85-112 kW (115-152 PS)	102 / 6	EX	PKHD002	4153629 4153631 2232717 2137300 2237221 3371762 3371776 4153696 4153697 DO155085050	37,0x8,0x133,0	45	1
ENG. F 2 L 912 D	**Series D 2506/2807/ /3006/3607** **Series DX 36**	1/68-12/86	1884 ccm	18-25 kW (24-34 PS)	100 / 2	IN	PKHD001	2133731 2137301 4153773	43,0x8,0x133,0	45	1
ENG. F 2 L 912 W		72-80	1884 ccm	19-25 kW (26-34 PS)	100 / 2			4153629 4153631			
ENG. F 3 L 912 D	**AgroCompact 3.30** **Intrac 2002** **Series D 4006/ 4007/ 4505/ 4506/ 4507/ 4807/ 5006/ 5206/ 5207/ 5506/ 6006/ 6007/ 6206/ 6207** **Series DX 3.10/ 3.30/ 3.50/ 3.80/ 3.90/ 4.30/ 4.31** **Series DX 50/55** **Series M 88/ 600/ 660/ 750/ 770/ 3330**	1/68 →	2826 ccm	26-44 kW (35-60 PS)	100 / 3	IN EX	PKHD003 PKHD002	4230567 4159138 4159136 2232717 2137300 2237221 3371762 3371776 4153696 4153697 DO155085050	43,0x8,0x133,0 37,0x8,0x133,0	45 45	9 1
ENG. F 3 L 912 W		72-97	2826 ccm	25-37 kW (34-50 PS)	100 / 3	EX	PKHD004	4159137 4159139 4231804	37,0x8,0x133,0	45	9



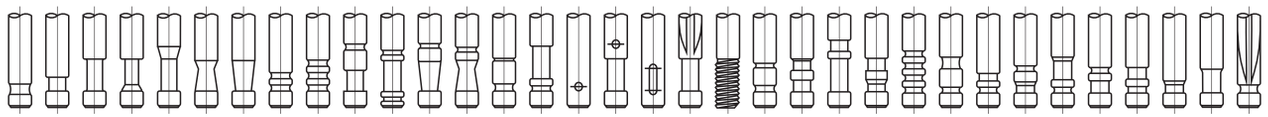
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
KLOECKNER-HUMBOLDT-DEUTZ DIESEL											
ENG. F1L 812	**Series D 15**	63-67	850 ccm	9 kW (13 PS)	95 / 1	IN	PKHD007	EO155084518	43,0x8,0x133,0	45	1
ENG. F2L 812	**Series D 25/30**	63 →	1700 ccm	16-22 kW (22-30 PS)	95 / 2			2133730			
	Series D 2505/3005	1/65-12/70				IN	PKHD001	2133731	40,0x8,0x133,0	45	1
	Unisuper 2501/3001	66 →						2137301			
ENG. F3L 812	**Series D 40**	63-67	2552 ccm	26-29 kW (35-40 PS)	95 / 3			4153773			
	Series D 4005/4505	1/65-12/70						4153629			
	Unisuper 4001	66 →						4153631			
ENG. F4L 812	**Series D 5505**	1/65-12/70	3400 ccm	33-43 kW (45-58 PS)	95 / 4	EX	PKHD008	EO155084519	35,0x8,0x133,0	45	1
	Series D 50	63-67						3371746			
	Series D 5005/6005	1/65-12/70				EX	PKHD002	2232717	37,0x8,0x133,0	45	1
	Series M 80/88	8/74 →						2137300			
ENG. F6L 812	**Sirius 90**	63-67	5104 ccm	59-74 kW (80-100 PS)	95 / 6			2237221			
	Series D 80	63-67						3371762			
	Series D 8005/9005	1/67-11/70						3371776			
								4153696			
								4153697			
								DO155085050			
ENG. BF 4 L 1011		6/89-12/94	2732 ccm	50-56 kW (68-76 PS)	91 / 4	IN	PKHD009	4178899	40,5x8,0x124,9	30	9
ENG. BF 4 L 1011 F Euro 1		1/94 →	2732 ccm	48-56 kW (65-76 PS)	91 / 4			4170491			
ENG. BF 4 L 1011 FT Euro 1		1/94 →	2732 ccm	46-53 kW (63-72 PS)	91 / 4	EX	PKHD010	4170899	35,0x8,0x124,7	45	9
ENG. F 2 M 1011 F Euro 1		97 →	1366 ccm	21-23 kW (29-31 PS)	91 / 2			4178158			
ENG. F 3 M 1011		10/98 →	2185 ccm	32-36 kW (44-48 PS)	91 / 3			2108184			
ENG. F 3 M 1011 F Euro 1		94 →	2185 ccm	32-36 kW (44-49 PS)	91 / 3						
ENG. F 4 M 1011 F Euro 1		94 →	2914 ccm	44-48 kW (60-65 PS)	91 / 4						



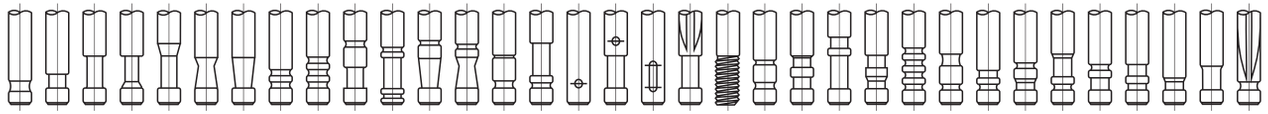
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
KLOECKNER-HUMBOLDT-DEUTZ DIESEL											
ENG. F 2 L 1011		6/89 →	1366 ccm	18-22 kW (25-30 PS)	91 / 2	IN	PKHD011	4170898	40,0x8,0x124,6	45	9
ENG. F 2 L 1011 F Euro 1		94 →	1366 ccm	20-22 kW (27-30 PS)	91 / 2			4271175			
ENG. F 3 L 1011		6/89 →	2049 ccm	27-33 kW (37-45 PS)	91 / 3			4272209			
ENG. F 3 L 1011 F Euro 11		94 →	2049 ccm	28-33 kW (38-45 PS)	91 / 3			2108183			
ENG. F 4 L 1011		10/88 →	2732 ccm	36-44 kW (49-60 PS)	91 / 4	EX	PKHD010	4170899	35,0x8,0x124,7	45	9
ENG. F 4 L 1011 F Euro 1		94 →	2732 ccm	40-46 kW (55-63 PS)	91			4178158			
								2108184			
ENG. BF 6 M 1015 Euro 2		98 →	11910 ccm	228-341 kW (288--33 PS)	132 / 6	IN	PKHD014	4220143	46,0x8,0x133,0	30	9
ENG. BF 6 M 1015 CU Euro 2		9/99 →	11910 ccm	226-305 kW (226-305 PS)	132 / 6			4226413			
ENG. BF 6 M 1015 M Euro 2		3/93 →	15870 ccm	290-304 kW (394-413 PS)	132 / 8	EX	PKHD015	4220142	42,0x8,0x133,0	45	9
ENG. TCD 2015 V6 Euro 3		3/93 →	11900 ccm	360 kW (489 PS)	132 / 6			4226412			
ENG. F/A 6L 714	**Saturn 145**	59 →	9500 ccm	107 kW (195 PS)	120 / 6	IN	PKHD016	EO1440820004	44,6x9,9x170,0	45	1
ENG. F/A 8L 714	**Pluto 201 F-L**	60 →	12667 ccm	144 kW (195 PS)	120 / 8			3358980			
ENG. F/A 12L 714		60-69	19000 ccm	214 kW (290 PS)	120 / 12			3358982			
ENG. F/A 12L 714-Turbo		62 →	19000 ccm	230 kW (313 PS)	120 / 12	EX	PKHD017	EO1440820003	41,6x9,9x170,0	45	1
ENG. F 1 L 514, F 2 L 514		60 →			1, 2			3358981			
ENG. F 3 L 514, F 4 L 514		60 →			3, 4						
ENG. F 6 L 514, F 8 L 514		60 →			6, 8						
ENG. F 12 L 614		60 →			12						
ENG. F1L 612		60-63	763 ccm	8 kW (10 PS)	90 / 1	IN	PKHD018	EO155082449	39,0x9,9x133,0	45	6
ENG. F2L 612		60-63	1526 ccm	15 kW (20 PS)	90 / 2			3371711			
ENG. F4L 612		60-63	3052 ccm	30 kW (40 PS)	90 / 3	EX	PKHD019	EO155080314	35,0x9,9x133,0	45	6
ENG. F1L 712	**Series D 13/14/15**	58-68	850 ccm	9 kW (13 PS)	95 / 1			3371664			
ENG. F2L 712	**Series D 25/30**	1/59-68	1700 ccm	15-21 kW (20-28 PS)	95 / 2						
ENG. F3L 712	**Series D 40**	58-68	2552 ccm	26-28 kW (35-38 PS)	95 / 3						
ENG. F4L 712	**Series D 50**	58-68	3400 ccm	34-38 kW (46-52 PS)	95 / 4						
ENG. F6L 712	**Sirius 90**	58-68	5104 ccm	66 kW (90 PS)	95 / 6						



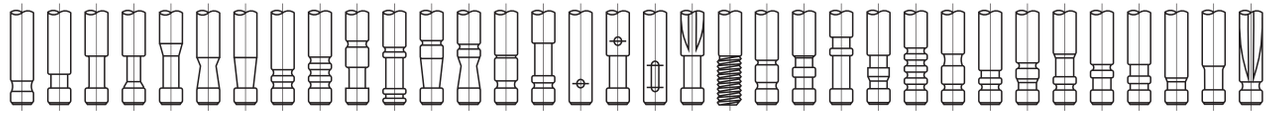
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
KLOECKNER-HUMBOLDT-DEUTZ DIESEL											
ENG. F8L 514, A6L 514		50-56			4/6	IN	PKHD024	EO152081324	44,6x12,0x169,0	45	6
ENG. FL 514, FL 614						EX	PKHD025	EO152081325	41,6x12,0x169,0	45	6
ENG. A 12 L 612			15960 ccm	162 kW (220 PS)	110 / 12	IN	PKHD026	EO154084731	44,6x12,0x170,0	45	6
ENG. F/A 2 L 514		57-62	2660 ccm	27 kW (36 PS)	110 / 2			EO154084233			
ENG. F/A 3 L 514		57-62	3990 ccm	40 kW (54 PS)	110 / 3			3369307			
ENG. F/A 4 L 514		57-62	5322 ccm	53 kW (72 PS)	110 / 4	EX	PKHD027	EO154084234	41,6x12,0x170,0	45	6
ENG. F/A 6 L 514, F/A 6 L 614		57-68	7980 ccm	81 kW (110 PS)	110 / 6			3369308			
ENG. F/A 8 L 614		57-68	10640 ccm	108 kW (147 PS)	110 / 8						
ENG. F 1 L 514		57-68	1330 ccm	13 kW (18 PS)	110 / 1						
ENG. F 6 L 613		57-68	7400 ccm	88-98 kW (120-126 PS)	110 / 6						
BF6M 1015 Euro 1						EX	PKHD034	04228253	42,0x8,0x133,0	30	9
						IN	PKHD035	12032870	55,9x11,0x203,0	30	1
								12304754			
						EX	PKHD036	12301786	51,3x11,0x202,8	20	25
						EX	PKHD039		51,3x11,0x202,8	20	1
ENG. TBD 616 V8			17500 ccm	480 kW (653 PS)	132 / 8	IN	PKHD037	12275153	47,0x9,0x152,7	30	9
ENG. TBD 616 V12			26300 ccm	720kW (979 PS)	132 / 8	EX	PKHD038	12275154	43,0x9,0x152,7	30	9
ENG. TBD 616 V16			35000 ccm	960W (1305 PS)	132 / 12						
	Type 208					IN	PKHD050	4155529	32,5x7,0x107,6	45	1
						EX	PKHD051	4155596	28,4x7,0x107,6	45	1
									Grubość grzybka +0,40 [mm]		
						IN	PKHD040		32,5x7,0x107,6	45	1
						EX	PKHD041		28,4x7,0x107,6	45	1



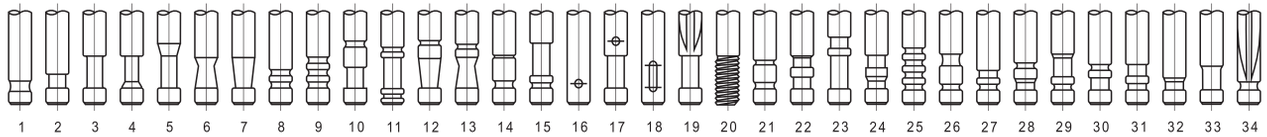
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
KLOECKNER-HUMBOLDT-DEUTZ DIESEL											
ENG. TCD 2013 L06 4V Euro 3	**Agrotron 710**		7146 ccm	147-243kW (200-330 PS)	108 / 6	IN	PKHD042	04900685 04903005	38,5x8,0x145,9	30	9
						EX	PKHD043	04900686 04903006 04903006	35,8x8,0x145,9	45	9
ENG. AKD 12/112-1		54-65	905 ccm	8-9 kW (11-12 PS)	98 / 1	IN	PKHD044	632134600014 12165702 12911163	41,0x10,0x129,0	45	3
ENG. AKD 12/112-2		60-65	1810 ccm	16-18 kW (22-24 PS)	98 / 2						
ENG. AKD 12/112-3		60-65	2715 ccm	24 kW (33 PS)	98 / 3						
ENG. AKD 12/112-4		54-65	3600 ccm	32 kW (44 PS)	98 / 4	EX	PKHD045	632134600024 12165703 12911164	37,0x10,0x129,0	45	3
ENG. TD 226-6	**AgroStar 6.71**	92-96	6234 ccm	99-125 kW (135-170 PS)	105 / 6	IN	PKHD046	622804603014 F285200210230 F384200210060	42,0x9,0x117,0	30	9
						EX	PKHD047	622604603024 F285200210200 12159602 12165099 12911162	38,0x9,0x117,0	45	9
ENG. 1000. 3WT, 1000. 4W, 1000. 3W	**Agro Compact 70F4, F60, 75, 80**					IN	PKHD048	010.6016.0 07814200 08114200 08114201	44,0x9,0x130,9	30	1
						EX	PKHD049	066.1421.0	39,4x9,0x131,0	45	1



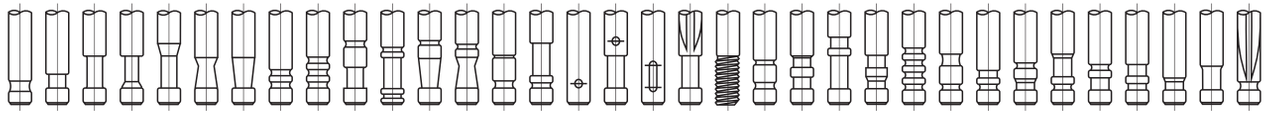
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
KLOECKNER-HUMBOLDT-DEUTZ DIESEL											
ENG. BF 6L 913	**Deutz-Fahr Agrostar DX 6.08**	01/90 - 12/93	6128 ccm	79 kW (107 PS)	6/102	IN	PKHD032	4153631	43,0x8,0x133,0	45	1
						EX	PKHD033	4153696	37,0x8,0x133,0	45	1
	Deutz-Fahr Agrostar DX 6.61	01/90 - 12/95		105 kW (143 PS)							
	Deutz-Fahr DX 6.50	01/83 -		100 kW (136 PS)							
	Deutz-Fahr DX 7.10	01/84 - 12/89		118 kW (160 PS)							
	Deutz-Fahr DX 140	01/78 -		93 kW (126 PS)							
	Deutz-Fahr DX 145	01/80 -		98 kW (133 PS)							
	Deutz-Fahr DX 160	01/78 -		110 kW (160 PS)							
ENG. BF 6L 913 T	**Deutz-Fahr AGRO-STAR DX 6.31**	01/93 - 12/96	6128 ccm	88 kW (120 PS)	6/102						
	Deutz-Fahr AGRO-STAR DX 6.38	01/90 - 12/93		92 kW (125 PS)							
ENG. F 2L 812	**Deutz-Fahr D05 D2505**	01/65 -	1700 ccm	16 kW (22 PS)	2/95						
	Deutz-Fahr D05 D3005	01/65 -		21 kW (28 PS)							
ENG. F 3L 812	**Deutz-Fahr D05 D4005**	01/65 -	2552 ccm	26 kW (35 PS)	3/95						
	Deutz-Fahr D05 D4505	01/65 -		29 - 30 kW (39 - 41 PS)							
ENG. F 4L 812	**Deutz-Fahr D05 D5005**	01/65 -	3400 ccm	33 kW (45 PS)	4/95						
	Deutz-Fahr D05 D5505	01/65 -		38 kW (52 PS)							



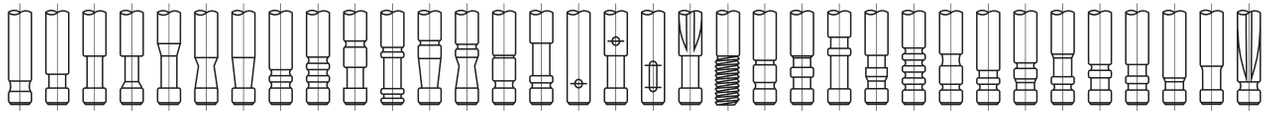
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
KOMATSU DIESEL											
ENG. 4D155 **ENG. 6D155**	**Tractor, Bulldozer,** **Generator**	80 → 72 →			4/6	IN	PKOM001	6127-41-4173 50213800	56,2x11,0x212,5	45	1
						EX	PKOM002	6127-41-4214 50213900	53,1x11,0x212,5	45	1
ENG. 4D105/6D105	**Tractor, Buldozer** **Grader,** **Shovel Generator** **Compressor**		6194 ccm		4/6	IN	PKOM003	6136-41-4110	46,1x10,0x145,5	30	1
						EX	PKOM004	6136-41-4210 6136-41-4211	40,1x10,0x145,5	45	1
ENG. 4D165/S6D110	**Tractor, Buldozer** **Shovel,** **Grader Generator**	80 →			4	IN	PKOM005	6136-42-4110	47,2x9,0x148,6	30	1
						EX	PKOM006	6136-42-4210	41,2x9,0x148,6	45	1
ENG. 6D130 (NH220)	**Cummins Tractor,** **Buldozer** **Generator, Genetator** **Compressor**	65 →	4330 ccm		6	IN	PKOM007	6610-41-4110	44,4x10,2x179,4	30	8
						EX	PKOM008	6610-41-4210	44,4x10,2x179,4	30	8



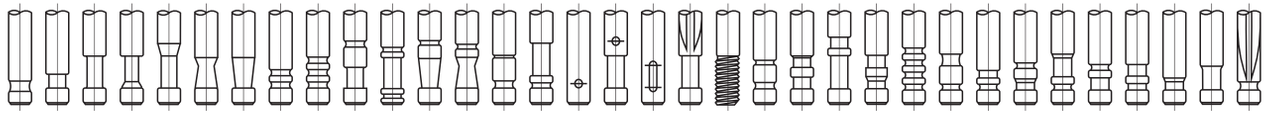
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
KUBOTA											
ENG. WG52	**Z 75**					IN	PKUB001	15221-13110	33,0x8,0x101,0	45	1
						EX	PKUB002	15221-13120	27,0x8,0x101,0	45	1
	Z B 6					IN	PKUB003		31,0x7,0x89,7	45	2
						EX	PKUB004		27,5x7,0x89,7	45	2
	Z 500					IN	PKUB005		27,0x7,0x89,7	45	2
						EX	PKUB006		23,5x7,0x89,7	45	2
	V-2203, 87 m/m				4	IN	PKUB007		37,5x8,0x101,5	45	1
						EX	PKUB008		32,1x8,0x101,6	45	1
ENG. D905/1005/1105 **ENG. V1205/1305/1505**			570 ccm	8,2 kW (11 PS)	2/71,88	IN	PKUB009	1G673-13110	31,0x7,0x89,7	30	2



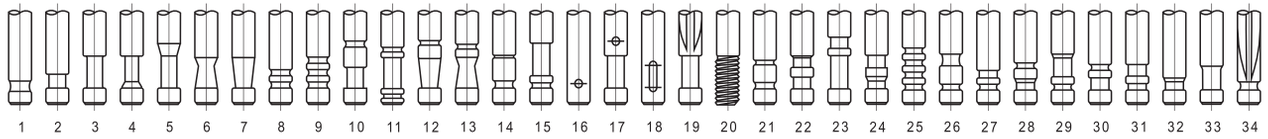
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LADA (ŁADA) BENZYNA											
ENG. VAZ 1011, 2101, 2102	**Nova 1.2** **1200**	9/81 → 1/70-6/86	1198 ccm	44-46 kW (60-62 PS)	76 / 4	IN	PLAD001	2101-1007010 4183269	37,0x8,0x113,0	45	1
ENG. VAZ 2103.1	**Nova 1.5** **Toscana 1.5** **1500**	3/85 → 1/86-12/00 9/72-10/86	1452 ccm	52-57 kW (70-77 PS)	76 / 4	EX	PLAD002	2101-1007012 4183270	31,5x8,0x113,0	45	1
ENG. VAZ 2103.2	**Nova 1.5**	8/94 →	1452 ccm	49 kW (67 PS)	76 / 4						
ENG. VAZ 21011, 21033	**Nova 1.3** **1300**	5/81 → 5/78-1/87	1294 ccm	48 kW (65 PS)	79 / 4						
ENG. VAZ 2105	**Nova 1.3** **Toscana 1.3** **1300**	5/81 → 1/86 → 8/74-0/84	1294 ccm	48 kW (65 PS)	79 / 4						
ENG. VAZ 2106	**Niva 1.6** **Nova 1.6** **1600**	12/76-3/95 5/81 → 9/72-10/86	1569 ccm	54-59 kW (73-80 PS)	79 / 4						
ENG. VAZ 2107	**1600**	9/72-8/84	1569 ccm	58 kW (78 PS)	79 / 4						
ENG. VAZ 2121	**Niva 1.6**	1/87-3/95	1569 ccm	51-53 kW (70-72 PS)	79 / 4						
ENG. VAZ 2108 (45 kW)	**Forma 1.3** **Samara 1.3**	9/91-12/00 1/88 →	1288 ccm	45-48 kW (61-65 PS)	76 / 4	IN EX	PLAD003 PLAD004	21081-1007010 2108-1007012	35,0x8,0x104,0 31,5x8,0x104,0	45 45	9 9
ENG. VAZ 2108 (48 kW)	**Samara 1.3i**	2/96 →	1288 ccm	48-49 kW (65-67 PS)	76 / 4						
ENG. VAZ 2108 (49 kW)	**Samara 1.3**	1/86 →	1288 ccm	49 kW (67 PS)	76 / 4						
ENG. VAZ 2108 (53 kW)	**Samara 1.3**	1/86 →	1288 ccm	53 kW (73 PS)	76 / 4						
ENG. VAZ 2108.1 (39 kW)	**Forma 1.1** **Samara 1.1**	9/91-12/00 1/86-12/94	1098 ccm	39 kW (53 PS)	76 / 4						
ENG. VAZ 2108.1 (43 kW)	**Samara 1.1i**	2/96 →	1098 ccm	43 kW (58 PS)	76 / 4						



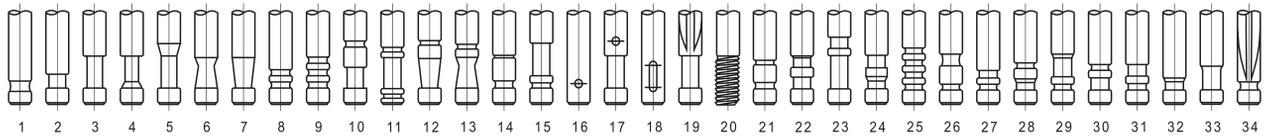
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LADA (ŁADA) BENZYNA											
ENG. VAZ 2108.3 (50 kW)	**Forma 1.5**	9/91-12/00	1488 ccm	50 kW (68 PS)	82 / 4	IN	PLAD005	2108-1007010	37,0x8,0x104,0	45	9
	Samara 1.5	90 →				EX	PLAD004	2108-1007012	31,5x8,0x104,0	45	9
ENG. VAZ 2108.3 (51 kW)	**Samara 1.5i**	1/88 →	1488 ccm	51-52 kW (70-71 PS)	82 / 4						
ENG. VAZ 2108.3 (53 kW)	**Forma 1.5**	9/91-12/00	1488 ccm	53 kW (72 PS)	82 / 4						
	Samara 1.5	9/88 →									
ENG. VAZ 2108.3 (55 kW)	**Samara 1.5**	1/86 →	1488 ccm	55-58 kW (75-79 PS)	82 / 4						
ENG. VAZ 2111	**110 1.5**	1/95 →	1499 ccm	56-59 kW (76-80 PS)	82 / 4	IN	PLAD006	2112-1007010	29,2x7,0x96,0	45	9
	111 1.5	1/96 →				EX	PLAD007	2112-1007012	25,5x7,0x97,2	45	9
	112 1.5	1/95 →									
ENG. VAZ 2112	**110 1.5 16V**	1/95 →	1499 ccm	70 kW (95 PS)	82 / 4						
	111 1.5 16V	1/95 →									
	112 1.5 16V	1/95 →									
ENG. BA3 21214	**Niva 1.7 MPI**		1690 ccm	59 kW (80 PS)	82 / 4						
ENG. 100 GL.000	**Oka 0.9**	99 →	903 ccm	33 kW (45 PS)	65 / 4	IN	PLAD015	4265695 4259853 46407749 46427459 4190109 5959564	29,0x7,0x95,3	30	1
						EX	PLAD016	4259583 4183555 4274135 4377979 5973130 5959563 5963326 7736408 7783841	26,0x7,0x95,7	45	1
						EX	PLAD017	4265696 4266321	26,0x7,0x95,3	45	9
ENG. C 20 XE	**110 2.0i 16V**	1/96 →	1998 ccm	110 kW (150 PS)	86 / 4	IN	PLAD018	642758 90322694	33,0x7,0x104,9	45	9
						EX	PLAD019	642858 90322697	29,0x7,0x105,0	45	9



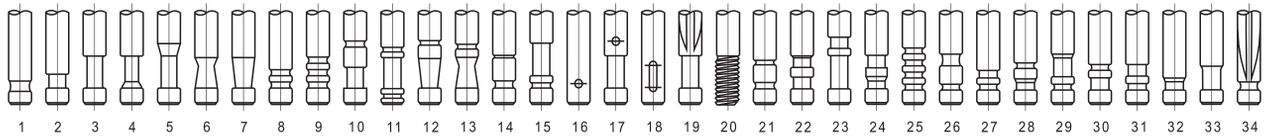
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LADA (ŁADA) DIESEL											
ENG. XUD 9A	**Niva 4x4 1.9 D**	1/93 →	1905 ccm	47-52 kW (64-71 PS)	83 / 4	IN	PLAD008	93510415 96005391 LGH10051 LGH10053 0948.59 0948.63 9601136380 9630597380 12911-86CA0 12911-66G00 12832-66G00 22211-29000 50054982	38,5x8,0x112,4	45	1
ENG. XUD9 SD	**Niva 4x4 1.9 TD**	1/99 →	1905 ccm	51-55 kW (71-75 PS)	83 / 4	EX	PLAD009	93510773 93510774 93501280 93501072 95501280 96005392 96272853 0949.47 0949.59 0949.60 0949.64 0949.74 LGH10052 LGH10054 LGH10075 9613736280 9751669380 12915-86CA0 12915-66G00 22212-29000 50060609 6005392	33,0x8,0x111,9	45	1



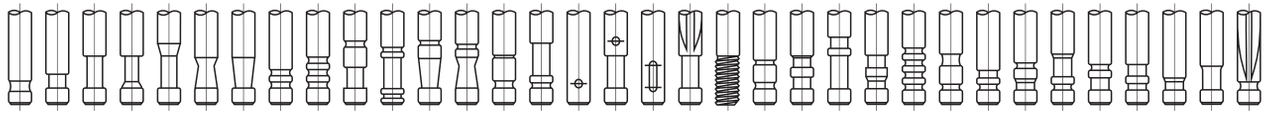
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LADA (ŁADA) DIESEL											
ENG. TUD 5	**Samara 1.5 D**	1/95 →	1527 ccm	40-42 kW (54-57 PS)	77 / 4	IN	PLAD011	96150145 0948.74 0948.A8 13201-6F900	37,0x7,0x108,4	45	1
						EX	PLAD012	96150144 0949.80 13202-6F900	31,5x7,0x108,2	45	1
ENG. DW10 TD	**2123 2.0 TD**		1997 ccm	66 kW (90 PS)	85 / 4	IN	PLAD013	0948.95 9624774280	35,6x6,0x107,1	45	9
						EX	PLAD014	0949.96 9624774580	33,8x6,0x107,1	45	9
ENG. R4	**V-21129 1.6 (VESTA)**	9/15 →	1596 ccm	78 kW (106 PS)	82/4	IN	PLAD025		31,6x5,0x94,7	45	9
	V-21129 1.8 (VESTA)	9/15 →	1774 ccm	90 kw (122 PS)	82/4	EX	PLAD026		27,50x5,0x95,75	45	9



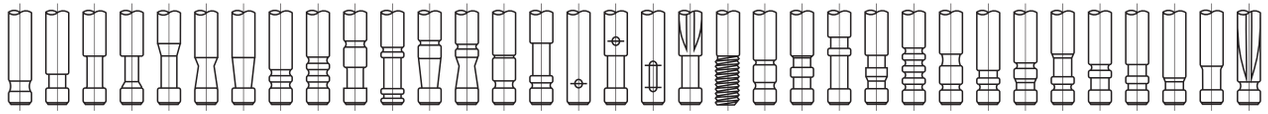
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LAMBORGHINI DIESEL											
	Agile 660S, 880S					IN	PLAM010	010.6016.0	44,0x9,0x130,9	30	1
	Cross 674-70N							07814200			
	Ergomatic 674-70, 774-80							08114200			
								08114201			
	Formula 115					EX	PLAM011	066.1421.0	39,4x9,0x131,0	45	1
	F Plus 880										
	Grand Prix 674-70, 774-80										
	Premium 850, 1060, 1100										
	Sprint 654-55, 664-60, 664-65, 674-70, 674-75, 684-85										
	Triumph 80, 674-70N, 774-80N, 956-100, 1106										
	C674/70										
	C774/80										
	R600/R660V/R956										



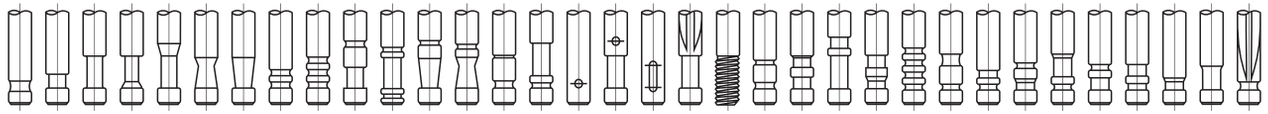
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LANCIA BENZYNA											
ENG. 156 A2.000	**Y10 1.0**	3/85-6/91	999 ccm	32-37 kW (44-50 PS)	70 / 4	IN	PLAN001	5942727	30,4x7,0x97,1	45	1
ENG. 156 A2.246	**Y10 1.0i**	10/87-2/92	999 ccm	33 kW (45 PS)	70 / 4			7666228			
ENG. 156 C.000	**Y10 1.1i**	1/89-9/92	1108 ccm	42 kW (57 PS)	70 / 4	EX	PLAN002	5942728	27,3x7,0x97,2	45	1
ENG. 156 C.046	**Y10 1.1i**	7/89-12/95	1108 ccm	37-40 kW (50-55 PS)	70 / 4			7666227			
ENG. M609MA.11.C	**Y 1.1 Elefantino Blu**	96-97	1108 ccm	37-40 kW (50-55 PS)	70 / 4			46514754			
								46553047			
ENG. 828 B.000	**Beta 1.6**	4/75-12/84	1585 ccm	74-77 kW (100-105 PS)	84 / 4	IN	PLAN003	4255694	41,9x8,0x106,3	45	1
	Trevi 1600	75 →				EX	PLAN004	4359309	36,2x8,0x105,9	45	1
ENG. 828 B1.000	**Beta 2.0i**	4/76-5/78	1995 ccm	80 kW (109 PS)	84 / 4			4255695			
	Prisma 2.0i	4/76-5/78						4293992			
	Trevi 2000	75 →						4469661			
ENG. 828 B4.000	**Beta 2.0i**	4/76-9/84	1995 ccm	80 kW (109 PS)	84 / 4			5975341			
ENG. 831 A4.000	**Delta 1.6**	11/82-4/86	1585 ccm	77 kW (105 PS)	84 / 4			4173747			
	Prisma 1.6	12/82-4/86						4186165			
ENG. 828.A.B2	**Beta 1400**	72 →	1438 ccm	66 kW (90 PS)	80 / 4			7597080			
ENG. 831 A1.000	**Delta 1.5**	9/79-4/86	1499 ccm	63 kW (86 PS)	86,4 / 4	IN	PLAN005	4212771	36,0x8,0x108,5	45	1
	Prisma 1.5	12/82-4/86						4239917			
ENG. 831 A2.000, 831 B.000	**Delta 1.3**	9/79-8/92	1301 ccm	55-58 kW (75-78 PS)	86,4 / 4			4460697			
	Prisma 1.3	12/82-12/89				EX	PLAN006	4315062	31,0x8,0x109,0	45	1
ENG. 835 A1.000	**Dedra 1.6i**	1/89-10/94	1581 ccm	66 kW (90 PS)	86,4 / 4			5973128			
								4239918			
								4314869			
								4190307			
								4286929			



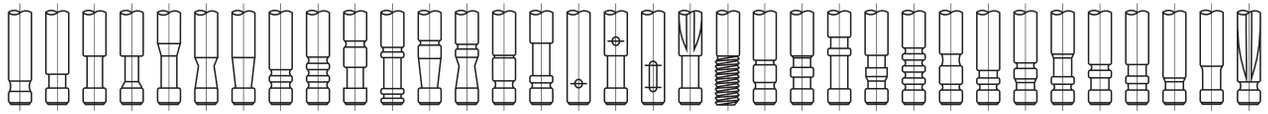
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LANCIA BENZYNA											
ENG. 838 A1.000	**Kappa 2.0i 20V**	11/94-6/96	1998 ccm	107 kW (145 PS)	82 / 5	IN	PLAN007	7735898	30,0x7,0x113,2	45	9
ENG. 175 A3.000	**Kappa Turbo 2.0i 20V**	6/98-12/00	1998 ccm	162 kW (220 PS)	82 / 5			60812982			
						EX	PLAN008	7735899	26,0x7,0x108,8	45	9
								60812981			
ENG. 840 A2.000, 840 A4.000	**Y 1.4i 12V**	1/96-6/00	1370 ccm	55-59 kW (75-80 PS)	82 / 4	IN	PLAN009	7712114	30,3x7,0x110,4	45	1
						EX	PLAN010	46413334	35,7x7,0x110,4	45	1
ENG. 182 A2.000	**Dedra/Delta 1.8i 16V**	1/96-12/99	1747 ccm	83 kW (113 PS)	82 / 4	IN	PLAN011	7766564	33,6x7,0x113,0	45	9
ENG. 182 B7.000	**Lybra 2.0i 20V**	10/99-9/00	1998 ccm	110-113 kW (150-154 PS)	82 / 5			60811153			
ENG. 183 A1.000, 839 A4.000, 839 A7.000	**Dedra/Delta 1.8i 16V**	1/96-12/99	1747 ccm	96 kW (131 PS)	82 / 4	EX	PLAN012	7766565	28,0x7,0x108,6	45	9
	Lybra 1.8i/1.8i 16V	9/99 →						60811154			
ENG. 838 A6.000	**Kappa 2.0i 20V**	6/96-12/00	1998 ccm	110-114 kW (150-154 PS)	82 / 5			60674496			
	Lybra 2.0i 20V	10/99 →									
ENG. 841 E.000	**Thesis 2.0i Turbo 20V**	4/02 →	1998 ccm	136 kW (185 PS)	82 / 5						
ENG. 838 A2.000, 838 A2.027	**Kappa 2.4i 20V**	8/94-10/01	2446 ccm	129 kW (175 PS)	83 / 5						
ENG. 841 D.000	**Thesis 2.4i 20V**	4/02 →	2446 ccm	125 kW (170 PS)	83 / 5						
ENG. 182 B6.000	**Lybra 1.6i 16V**	10/00 →	1598 ccm	76 kW (103 PS)	80,5 / 4	IN	PLAN015	46413806	30,3x7,0x102,5	45	1
ENG. 182 A4.000	**Dedra/Delta 1.6i 16V**	1/96-12/99	1581 ccm	76 kW (103 PS)	86,4 / 4			46462158			
	Lybra 1.6i 16V	10/99-9/00						46517325			
ENG. 182 A6.000	**Delta 1.6i 16V**	1/96-12/99	1581 ccm	66-76 kW (90-103 PS)	86,4 / 4			46761369			
								55183592			
								55192067			
						IN	PLAN097	4424173	34,0x8,0x112,0	45	1
						EX	PLAN016	46413807	29,8x7,0x102,9	45	1
								46462159			
								46761370			
								46461209			
								55196738			



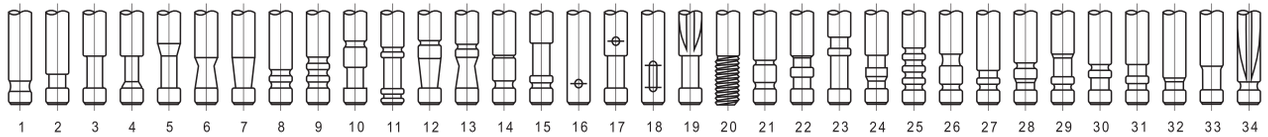
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LANCIA BENZYNA											
ENG. 828 B3.000	**Beta Berlina/Coupe 1300**	74 →	1297 ccm	58 kW (78 PS)	76 / 4	IN	PLAN018	82316779	37,6x8,0x107,3	45	1
						EX	PLAN019	82336458	33,9x8,0x106,9	45	1
ENG. 828 B.000	**Beta 1600**	8/73-7/82	1585 ccm	74 kW (100 PS)	84 / 4	IN	PLAN020	4300760	42,3x8,0x106,4	45	1
	Beta H.P.E. 1600	8/80-9/84				EX	PLAN004	4359309	36,2x8,0x105,9	45	1
	Beta Coupe 1600	4/76-12/84						4255695			
	Beta Spider 1600	5/76-8/82						4293992			
	Trevi 1600	5/80-1/87						4469661			
ENG. 828 A1.000	**Beta 1800**	8/73-7/76	1756 ccm	81 kW (110 PS)	84 / 4			5975341			
								4173747			
								4186165			
								7597080			
ENG. RGX	**Zeta 2.0i Turbo**	9/94-6/99	1998 ccm	108-114 kW (147-155 PS)	86 / 4	IN	PLAN021	96059361	42,6x8,0x108,8	45	9
								9605936180			
								0948.66			
						EX	PLAN022	96147032	34,5x8,0x108,4	45	9
								96059362			
								96117828			
								9614703280			
								9611782880			
								0949.66			
								0949.72			
ENG. P8C, XUD 11ATE, XUD 11BTE	**Zeta 2.1 TD 12V**	5/96-6/99	2088 ccm	80-81 kW (109-110 PS)	85 / 4	IN	PLAN023	0948.68	33,9x8,0x122,3	45	9
								96008334			
								96007817			
								9600781780			
						EX	PLAN024	0949.68	33,9x8,0x121,9	45	9
								96079213			
								96042957			
								9604295780			



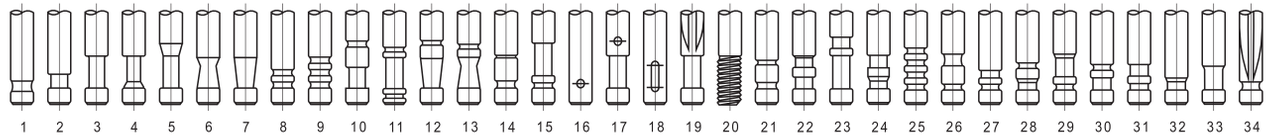
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LANCIA BENZYNA											
ENG. 176 B9.000	**Y 1.2i 16V**	4/97-6/00	1242 ccm	59-63 kW (80-86 PS)	70,8 / 4	IN	PLAN029	46403681	26,8x6,0x95,0	45	9
ENG. 188 A5.000	**Y 1.2i 16V**	6/00-6/03	1242 ccm	59-63 kW (80-86 PS)	70,8 / 4			46553048			
	Ypsilon (843) 1.2i 16V	6/03 →				EX	PLAN030	46471639	22,4x6,0x96,2	45	9
ENG. 843 A1.000, 192 B2.000	**Ypsilon 1.4i 16V**	03 →	1368 ccm	66-70 kW (90-95 PS)	72 / 4			46553049			
	Musa 1.4i 16V	04 →									
ENG. 176 B2.000	**Y 1.1i**	96 →	1108 ccm	40 kW (54 PS)	70 / 4	IN	PLAN031	7770334	31,5x7,0x97,0	45	1
ENG. 188 A4.000, 840 A3.000	**Y 1.2 8V**	96 →	1242 ccm	44 kW (60 PS)	70,8 / 4			46436048			
						EX	PLAN002	5942728	27,3x7,0x97,2	45	1
								7666227			
								46514754			
								46553047			
ENG. 159 A3.000, 159 B9.000, 835 C1.000	**Delta 1.6i**	94-99	1581 ccm	ccm 60-63 kW (82-86 PS)	86,4 / 4	IN	PLAN032	7617500	39,5x8,0x108,5	45	1
	Dedra 1.6 S.P.I.	89 →						96700315			
						EX	PLAN006	4315062	31,0x8,0x109,0	45	1
								5973128			
								4239918			
								4314869			
								4190307			
								4286929			
ENG. 160 A1.046, 836 A4.000	**Delta II 1.4ie**	10/94-8/99	1372 ccm	51 kW (69 PS)	80,5 / 4	IN	PLAN033	7609772	37,5x8,0x108,5	45	1
ENG. 835 A1.000	**Dedra 1.6ie**	8/89-6/94	1581 ccm	66 kW (90 PS)	86,4 / 4			96700311			
								46531590			
								46531591			
						EX	PLAN006	4315062	31,0x8,0x109,0	45	1
								5973128			
								4239918			
								4314869			



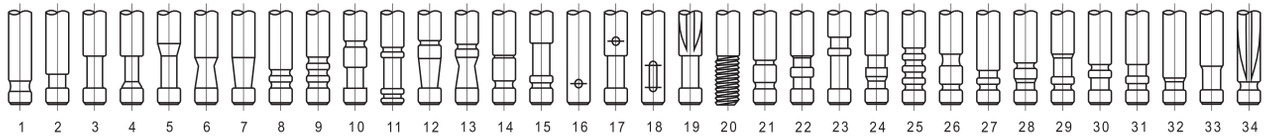
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LANCIA BENZYNA											
ENG. Fiat	**Dedra 1.6 S.P.I.**	89 →	1581 ccm	66 kW (90 PS)	86,4 / 4	IN	PLAN033	7609772	37,5x8,0x108,5	45	1
	ENG. 835A1.000							96700311			
	Bosch							46531590			
								46531591			
						EX	PLAN017	5973129	33,4x8,0x108,9	45	1
								4403047			
								4319339			
ENG. 834 B.000	**Thema 2.0i**	11/84-9/88	1985 ccm	88 kW (120 PS)	84 / 4	IN	PLAN038	4440061	43,6x8,0x105,6	45	1
	Prisma 2000 ie 4WD	83-89						4460061			
ENG. 168 AR2.000	**Delta 1600 GT**	83-89	1585 ccm		84 / 4			7547400			
ENG. 831 A7	**Delta 1600 HF Turbo**	83-89	1585 ccm		84 / 4			46406169			
	Delta 1600 ie GT	83-89	1585 ccm		84 / 4			7031135			
	Prisma 1600/1600 ie	83-89				EX	PLAN004	4359309	36,2x8,0x105,9	45	1
								4255695			
								4293992			
								4469661			
								5975341			
								4173747			
								4186165			
								7597080			
ENG. 831 B7.046, 831 B3.000	**Delta 1.6 HF Turbo**	83 →	1585 ccm		84 / 4	IN	PLAN038	4440061	43,6x8,0x105,6	45	1
Delta 2.0 ie HF 4WD Turbo	**ENG. 831 B5.000**	86-88	1995 ccm	121 kW (165 PS)	84 / 4			4460061			
Thema 2.0 ie Turbo	**ENG. 834 C.000**	84-87	1995 ccm	121 kW (165 PS)	84 / 4			7547400			
ENG. 834 B.000, 834 B1.000	**Thema 2.0 ie**	84 →	1995 ccm		84 / 4			46406169			
								7031135			
						EX	PLAN039	5953041	36,5x8,0x106,0	45	1



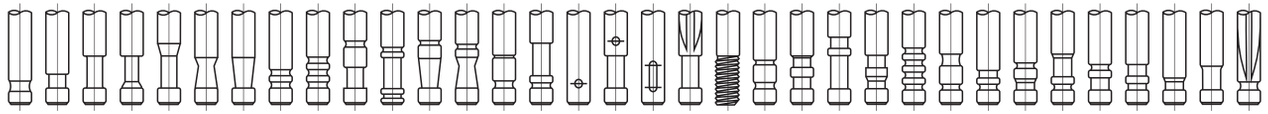
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LANCIA BENZYNA											
ENG. 834 B2.000, 834 B2.246	**Thema 2.0i 16V**	6/88-5/92	1995 ccm	108 kW (147 PS)	84 / 4	IN	PLAN041	7474739	34,5x7,0x128,0	45	1
ENG. 834 F1.000	**Thema 2.0i 16V**	5/92-11/94	1995 ccm	112 kW (152 PS)	84 / 4			7574739			
ENG. 836 A2.000	**Delta 2.0i Turbo 16V**	1/93-9/96	1995 ccm	137-142 kW (186-193 PS)	84 / 4			7722907			
ENG. 836 A3.000	**Dedra 2.0i 16V** **Delta 2.0i 16V**	10/94-10/99 1/93-12/95	1995 ccm	102-104 kW (139-142 PS)	84 / 4	EX	PLAN042	7611673 7650916	28,5x7,0x125,7	45	1
ENG. 838 A4.000, 834 A4.000	**Kappa 2.0i Turbo 16V**	11/94-6/98	1995 ccm	151 kW (205 PS)	84 / 4			7958073			
ENG. 175 A4.000	**Delta 2.0i Turbo 16V**	9/96-12/99	1995 ccm	142 kW (193 PS)	84 / 4			7574742			
ENG. 834 C1.000, 834 C1.246	**Thema 2.0i Turbo 16V**	88-92	1995 ccm		84 / 4			60805836			
ENG. 834 E5.000, 831 E5.046	**Delta 2.0i HF Turbo 16V 4WD**	93-94	1995 ccm		84 / 4						
ENG. 831 D5.000	**Delta 2.0i HF Turbo 16V 4WD**	87-91	1995 ccm		84 / 4						
ENG. ES9 J4S, XFW	**Phedra 3.0i 24V**	9/02 →	2946 ccm	150-152 kW (204-207 PS)	87 / 6	IN	PLAN049	0948.A5 9630441380	35,0x6,0x108,4	45	1
						EX	PLAN050	0949.A5 9640181380	30,5x6,0x106,9	45	1
ENG. RFV (XU 10J4R)	**Zeta 2.0i 16V**	98-00	1998 ccm	97 kW (132 PS)	86 / 4	IN	PLAN058	9628943380 96289433 0948.86 0948.92	34,6x6,0x106,4	45	1
						EX	PLAN059	9629861180 0949.92 0949.A6 96298611	29,6x6,0x105,8	45	1
EN G. RFN (EW10 J4)	**Phedra 2.0i 16V** **Zeta 2.0i 16V**	9/02 → 10/00-6/02	1997 ccm	103 kW (140 PS)	85 / 4	IN	PLAN060	9623950380 0948.99			
						EX	PLAN061	9636001780 0949.99			



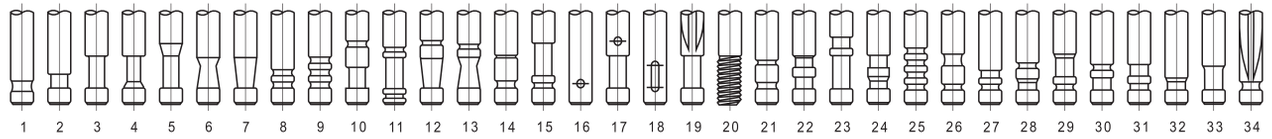
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LANCIA BENZYNA											
ENG. 838 000, 838 B.000	**Kappa 3.0i 24V**	11/94-12/00	2959 ccm	150 kW (204 PS)	93 / 6	IN	PLAN091	60560643	35,6x7,0x102,0	45	9
ENG. 841 A.000	**Thesis 3.0i 24V**	4/02 →	2959 ccm	158 kW (215 PS)	93 / 6			55186770			
ENG. 841 L.000	**Thesis 3.2i 24V**	03 →	3179 ccm		93 / 6	EX	PLAN092	60560644	31,1x7,0x102,1	45	9
ENG. RFV	**Zeta 2.0i 16V**	6/99-10/02	1998 ccm	97-100 kW (132-136 PS)	86 / 4	IN	PLAN095	0948.61 0948.75 96172597 91540748	34,6x7,0x106,4	45	9
						EX	PLAN096	0949.62 0949.81 96172795 91540782	29,6x7,0x105,8	45	9
ENG. 188 A5.000	**Ypsilon (840_) 1.2 16V (840AG1A)**	10/00 - 09/03	1242 ccm	59 kW (80 PS)	4	IN	PLAN083	55185028	26,9x6,0x95,3	45	9
						EX	PLAN084	55185080	22,4x6,0x94,7	45	9
	Ypsilon (843_) 1.2	10/03 - 12/11									
ENG. 192 B2.000	**MUSA (350_) 1.4**	10/07 - 09/12	1368 ccm	66 kW (90 PS)	4						
ENG. 198 A1.000	**DELTA III (844_) 1.4**	09/08 - 08/14	1368 ccm	110 kW (150 PS)	4						
ENG. 198 A4.000	**DELTA III (844_) 1.4**	09/08 - 08/14	1368 ccm	88 kW (120 PS)	4						
	DELTA III (844_) 1.4 Bifuel	07/11 - 08/14									
ENG. 843 A 1.000	**MUSA (350_) 1.4**	10/04 - 09/12	1368 ccm	70 kW (95 PS)	4						
	YPSILON (843_) 1.4 16V	10/03 - 12/11									



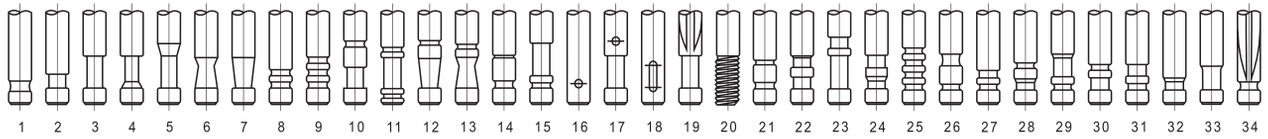
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LANCIA DIESEL											
ENG. 831 D.000	**Prisma 1.9 D**	6/84-12/89	1929 ccm	48 kW (65 PS)	82,6 / 4	IN	PLAN013	5990532	37,4x8,0x116,8	45	1
ENG. 831 D1.000	**Delta 1.9 TD**	6/86-6/91	1929 ccm	59 kW (80 PS)	82,6 / 4			7547158			
	Prisma 1.9 TD	5/85-12/89						60808694			
ENG. 835 A4.000, 160 D1.000	**Dedra 1.9 TD**	1/89-10/99	1929 ccm	66-68 kW (90-92 PS)	82,6 / 4	EX	PLAN014	5990533	33,5x8,0x117,0	45	1
	Delta 1.9 TD	7/94-12/99						7588577			
								60808695			
ENG. 838 A3.000, 838 A7.000	**Kappa 2.4 TD**	11/94-3/98	2387 ccm	91 kW (124 PS)	82 / 5	IN	PLAN025	46527855	37,5x8,0x114,5	45	9
								7798620			
						EX	PLAN026	46527856	31,0x8,0x114,5	45	9
								7783225			
ENG. 838 A8.000	**Kappa 2.4 JTD**	3/98-12/00	2387 ccm	100 kW (136 PS)	82 / 5	IN	PLAN027	46750859	35,5x8,0x115,0	45	9
ENG. 839 A5.000	**Lybra 2.4 JTD 20V**	10/99-9/00	2387 ccm	96-98 kW (131-133 PS)	82 / 5			46478834			
ENG. 839 A6.000	**Lybra 2.4 JTD**	1/01 →	2387 ccm	103 kW (140 PS)	82 / 5			55193126			
ENG. AR 32302	**Lybra 1.9 JTD**	10/99-9/00	1910 ccm	76 kW (103 PS)	82 / 4			60816038			
ENG. AR 37101	**Lybra 1.9 JTD**	9/00-6/01	1910 ccm	77-85 kW (105-115 PS)	82 / 4			641083			
ENG. 188 B2.000	**Musa 1.9 JTD**	10/04 →	1910 ccm	74 kW (101 PS)	82 / 4	EX	PLAN028	46764378	34,5x8,0x115,0	45	9
ENG. 841 C.000	**Lybra 2.4 JTD**	6/02 →	2387 ccm	110 kW (150 PS)	82 / 5			46416321			
	Thesis 2.4 JTD	4/02 →						46783962			
ENG. 937 A2.000	**Lybra 1.9 JTD**	6/01 →	1910 ccm	85 kW (115 PS)	82 / 4			55202630			
								60814604			
								60816025			
								641089			
EN G. RHZ (DW10ATED)	**Zeta 2.0 JTD**	6/99-10/00	1997 ccm	80-81 kW (109-110 PS)	85 / 4	IN	PLAN034	0948.95	35,6x6,0x107,1	45	9
	Phedra 2.0 JTD	02 →						9624774280			
						EX	PLAN035	0949.96	33,8x6,0x107,1	45	9
								9624774580			



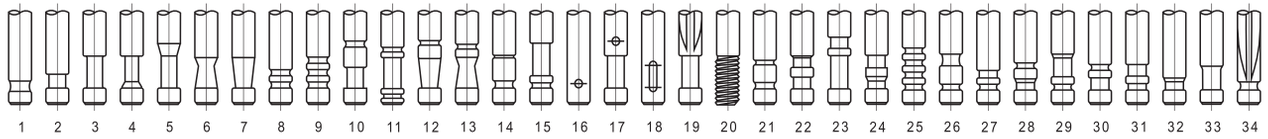
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LANCIA DIESEL											
ENG. 8144.91.2000, 8144.91.2200	**Thema 2.5 TD**	11/84-5/92	2499 ccm	74 kW (100 PS)	93 / 4	IN	PLAN036	4757358 7301820	41,0x8,0x120,8	30	1
ENG. 8144.97.2200	**Thema 2.5 TDS**	6/88-5/92	2499 ccm	83-87 kW (113-118 PS)	93 / 4			504069200			
ENG. 8144.97 Y	**Thema 2.5 TD**	1/93-11/94	2499 ccm	85 kW (116 PS)	93 / 4			7701030863 7701462678 7701463603 7701467250 0948.A2			
						EX	PLAN037	7301821 4826033 7303309 7302157 7701203675	34,4x8,0x122,0	45	1
ENG. 841G.000, 841H.000, 841M.000, 841N.000	**Thesis 2.4 JTD 20V**	6/03 →	2387 ccm	120-129 kW (163-175 PS)	82 / 5	IN	PLAN043	55195535 55190248 55202556 46802049 641073 641074 641075 93178587 93185523	27,9x6,0x114,4	45	9
						EX	PLAN044	46787902 55190249 55202557 641385 641386 93178588	25,8x6,0x114,4	45	9



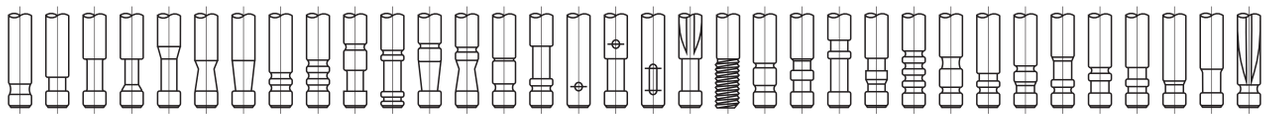
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LANCIA DIESEL											
ENG. RHW (DW10ATED4)	**Zeta 2.0 JTD 16V** **Phedra 2.0 JTD 16V**	02/04 →	1997 ccm	80 kW (109 PS)	85 / 4	IN	PLAN051	9635317980 1231931 0948.C0	30,0x6,0x106,2	45	9
ENG. RHM	**Phedra 2.0 JTD 16V**	02 →	1997 ccm	80 kW (109 PS)	85 / 4	EX	PLAN052	9635318480 1231930 0949.A9	25,0x6,0x106,2	45	9
ENG. RHM	**Phedra 2.0 JTD 16V**	9/02 →	1997 ccm	80-81 kW (109-110 PS)	85 / 4	IN	PLAN053	9627184380 0948.A3 1231931 3M5Q6507BA 8653745	30,0x6,0x105,0	45	9
ENG. 4 HW	**Phedra 2.2 JTD 16V**	9/02-5/03	2197 ccm	94 kW (128 PS)	85 / 4						
ENG. DW10BTED4, RHR	**Phedra 2.0 JTD 16V**	7/06 →	1997 ccm	100 kW (136 PS)	85 / 4						
ENG. DW12BTED4	**Phedra 2.2 JTD 16V**	12/07-5/03	2179 ccm	125 kW (170 PS)	85 / 4	EX	PLAN054	9634437580 0949.A3 1231930 3M5Q6505BA 8653744	25,0x6,0x105,0	45	9
ENG. 188 A9.000	**Musa 1.3 JTD 16V** **Ypsilon (843) 1.3 JTD 16V**	10/04 → 6/03 →	1251 ccm	51 kW (69 PS)	69,6 / 4	IN	PLAN062	46518930 55195680 55219965	22,0x6,0x109,3	45	9
ENG. 199 A2.000	**Ypsilon (843) 1.3 JTD 16V**	9/06 →	1248 ccm	55 kW (75 PS)	69,6 / 4			641072 641077			
ENG. 199 A3.000	**Musa 1.3 JTD 16V** **Ypsilon (843) 1.3 JTD 16V**	9/06 → 9/06 →	1248 ccm	66-77 kW (90-105 PS)	69,6 / 4			93186090 12911-85E00			
ENG. 188 A4.000	**Ypsilon 1.3 16V Multijet**	03 →	1248 ccm		69,6 / 4	EX	PLAN063	46518931 55202685 55208213 641071 641402 93177306 93190438 12915-85E00	22,0x6,0x109,3	45	9



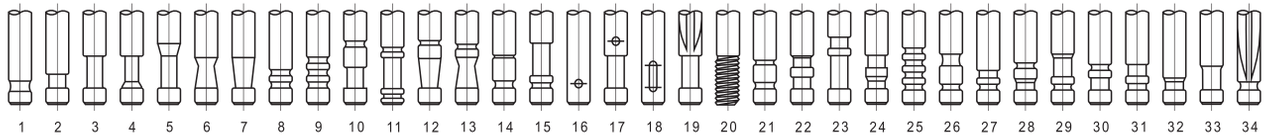
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LANCIA DIESEL											
ENG. 198 A5.000	**DELTA III (844_) 2.0 D Multijet**	09/08 - 08/14	1956 ccm	121 kW (165 PS)	4	IN	PLAN098	5206431 55207517	28,0x5,0x114,4	45	9
ENG. 844 A1.000	**DELTA III (844_) 1.9 D Multijet**	01/09 - 08/14	1910 ccm	140 kW (190 PS)	4	EX	PLAN099	55205183 55207955	24,4x5,0x114,4	45	9
ENG. 844 A2.000	**DELTA III (844_) 2.0 D Multijet**	09/08 - 08/14	1956 ccm	120 kW (163 PS)	4						
LAND ROVER ..... → ROVER ..... 440 **LANDINI. ..... → MASSEY FERGUSON 277**											



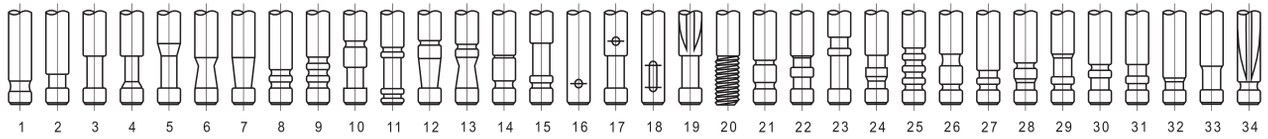
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LEYLAND DIESEL											
ENG. 0680		51 →	11100 ccm	156 kW (212 PS)	127,01 / 6	IN	PLEY001	PL608532	56,0x11,0x151,8	30	1
ENG. 0680 Power Plus.MK1,2/ /MK3	**Handyman, Highwayman**	55-56	11100 ccm	147 kW (200 PS)	127,01 / 6			608532			
						EX	PLEY002	PL608533	48,4x11,0x150,7	30	1
	Hippo	55-56						608533			
	Invincible	58-61									
	Leopard	59 →									
	Olympic Series 2, Royal Tiger	51 →									
	Routeman III	70-79									
	Steer	47-61									
	Super Beaver, Super Hippo	49-71									
	Worldmaster	51-79									
	SW 680 Turbo				127,01 / 6	IN	PLEY003	Pl612817	55,2x11,0x151,7	30	1
								612817			
						EX	PLEY004	PL613865	47,6x11,0x150,4	30	1
ENG. 0370	**Super Comet**	64 →	6540 ccm		107,2 / 6	IN	PLEY005	PL909	42,8x8,66x146,0	30	1
								607909			
								518731			
						EX	PLEY006	PL910	39,5x8,64x146,0	30	1
								607910			
								518732			



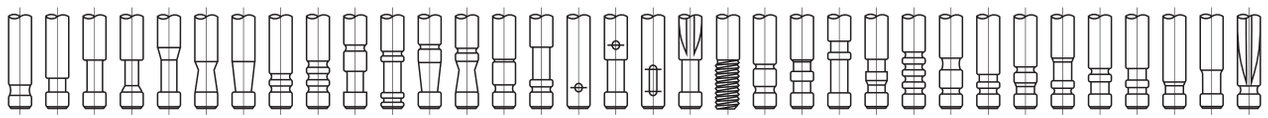
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LEYLAND DIESEL											
ENG. 0400 P.P.MkI/II 0400 P.P.MK3, 0401, 0402NA	**Bear**	69-72	6540 ccm		107,2 / 6	IN	PLEY007	PLA2584	45,7x8,66x145,9	30	1
	Chieftain (CH40/CH41)	72-84						10618846			
	Chieftain Super 6 (CH13)	60-72				EX	PLEY008	PLA2585	42,8x8,64x145,9	30	1
	Clydesdale (CD21)	60-72						10618851			
	Clydesdale (CD40/CD41)	72-82									
	Comet (13C)	63-68									
	Guy Big J4	68-77									
	Panther Club	64-70									
	Reiver (2RE40)	72-73									
	Reiver (RE25/RE27)	60-68									
	Super Clydesdale	69-72									
	Super Comet 14SC, 16SC	60-68									
	Super Comet 2SC, 16SCT	68-74									
	Super Reiver RE29, RE31, 20RE33, 20RE35	60-72									
	Tiger Club	62-70									
	Tractor Unit Ch17, Ch53	69-72									
	Viking VK43L	60-72									
	Warrior	58-66									
ENG. 0410, 0411/0420 - Turbo	**Bear**	72-73	6540 ccm		107,2 / 6						
	Chieftain (CH40/CH41)	72-79									
	Clydesdale (CD40/CD41)	72-82									
	Reiver (RE41)	73-82									
	Super Comet	72-74									
ENG. 0.350	**Comet 90**	52 →	5760 ccm	76 kW (104 PS)	100,61 / 6	IN	PLEY009	950505	39,2x8,0x129,5	45	7
						EX	PLEY010	950506	33,2x10,0x127,5	45	33



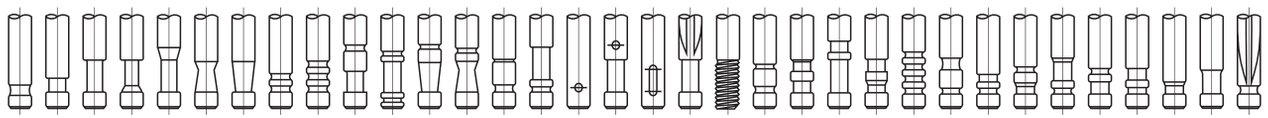
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LIAZ DIESEL											
	Liaz / Karosa ML, MŚ, M634				130 / 6	IN	PLIA001	312020241 442.1.1209.011.5	57,0x12,0x163,8	45	1
						EX	PLIA004	312020260 442.1.1209.015.5	50,0x12,0x163,8	45	1
	Liaz / Karosa Turbo ML, MŚ, M637, 638				130 / 6	IN	PLIA003	442.1.1209.014.5	57,0x12,0x163,8	30	1
						EX	PLIA004	312020260 442.1.1209.015.5	50,0x12,0x163,8	45	1
	Liaz / Karosa Turbo ML, MŚ				130 / 6	IN	PLIA003	442.1.1209.014.5	57,0x12,0x163,8	30	1
						EX	PLIA007	442.1.1209.027.5	50,0x12,0x163,8	30	1
						EX	PLIA008	442.1.1209.028.5	52,0x12,0x163,8	20	1



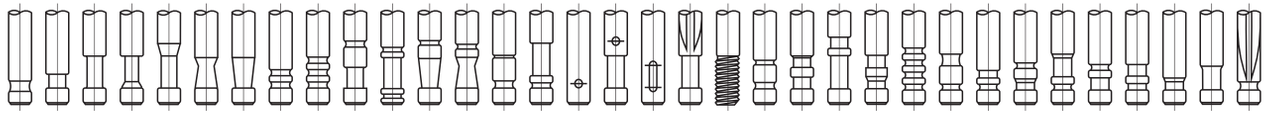
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LIEBHERR DIESEL											
						IN	PLIE001	9279578 9277799	52,2x10,0x146,4	30	25
						EX	PLIE002	9277800	48,8x10,0x146,3	30	25
ENG. D 924 TI-E A1		92 →	6640 ccm	66-180 kW (90-245 PS)	122 / 4	IN	PLIE001	9279578 9277799	52,2x10,0x146,4	30	25
						EX	PLIE003	9279579	48,8x10,0x146,3	45	25



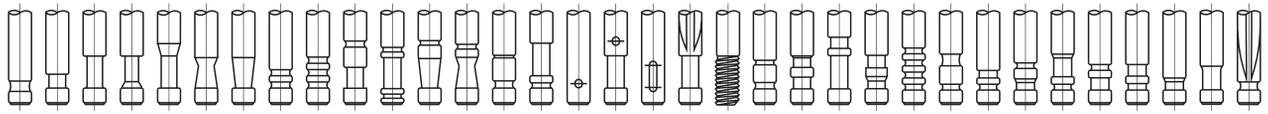
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LISTER											
ENG. ST 1		75 →			95,25 / 1	IN	PLIS001	201-80250	42,6x8,7x120,2	45	1
ENG. ST 2		75 →			95,25 / 2	EX	PLIS002	201-80240	35,6x8,7x120,3	45	1
ENG. ST 3		75 →			95,25 / 3						
ENG. HR 2-3-4-6/ /HRW 2-3-4-6/ /HRWS 6		67 →			107,95 2/6	IN EX	PLIS003 PLIS004	351K50420 35150432 351F50430 351F50432	48,0x9,5x137,5 40,0x9,5x137,5	45 45	1 1
ENG. SR1, SW1		67 →	552 ccm		88,9 / 1	IN	PLIS005	201-50871	39,6x8,7x119,7	45	1
ENG. SR2, SW2		67 →	1103 ccm		88,9 / 2	EX	PLIS006	201-50891	33,4x8,7x120,3	45	1
ENG. SR3		67 →	1655 ccm		88,9 / 3						
ENG. SR4		67 →	2205 ccm		88,9 / 4						
ENG. HA, HA2, FRD, HA3		57-69			101,6 / 2/3	IN	PLIS009	351-10361	46,8x9,5x137,5	45	1
ENG. HS6			1853 ccm		101,6 / 6			351-10400			
						EX	PLIS010	291-50150	39,5x9,5x137,5	45	1
ENG. 5/1 - 6/1 **ENG. 8/1 - VA/73** **ENG. 12/2 - 16/2**		36-76 36-76 36-76			114,3 / 1 114,3 / 2 114,3 / 3 114,3 / 4	IN/ EX	PLIS012	8-1C121	37,4x11,0x166,0	45	2
ENG. LD1, LR1		49 →			1	IN/ EX	PLIS013	201-10363	29,5x7,9x113,5	45	1
ENG. LD2, LR2		49 →			2						
ENG. SL1, LD111, LR		66 →			1	IN	PLIS014	210-19350	32,5x7,9x120,0	45	1
ENG. SL2					2	EX	PLIS015	201-19360	29,5x7,9x120,0	45	1
ENG. SL3											
ENG. Sl4											
ENG. SR1											
ENG. SR2											
ENG. SR3		61 →			3						
ENG. SR4		61 →			4						



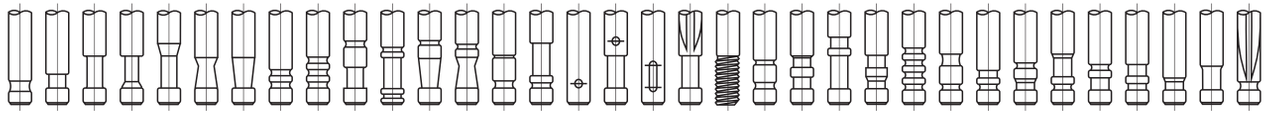
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LISTER											
ENG. TS2		84 →	1270 ccm			IN	PLIS017	201-30040	42,6x8,7x117,6	45	1
ENG. TS3		84 →	1900 ccm			EX	PLIS018	201-30051	35,6x8,7x117,6	45	1
	ST (KISA)							201-300518			
ENG. TL2, TL3						IN	PLIS019	201-33070	45,8x8,7x117,6	45	1
ENG. TR1, TR2, TR3						EX	PLIS020	201-33080	38,8x8,7x117,7	45	1
						IN/ EX	PLIS021	336865	34,0x7,9x113,5	45	1



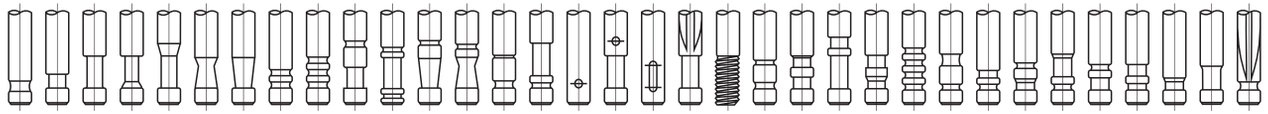
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LOKOMOTYWY											
ENG. 14D40/11D40	**ST 44 (M62) (Gagarin)**	65-88	150,6 dcm	1472 kW (2000 PS)	230 / 12	EX	PLOK001	11D40.84.1SB-4	75,0x17,8x298,0	45	6
ENG. 2112SSF	**SU 45**	70-76 82 →	95,64 dcm	1250 kW (1700 PS)	210 / 12	IN/ EX	PLOK002	2112SSF-27-014i	72,0x16,9x261,0	45	30
ENG. 5D49	**BR 231/232 (TE109) (Ludmiła/Brežniew)**	73-82		2200 kW (3000 PS)	260 / 16	IN	PLOK003	D49.78.05	84,7x17,8x249,5	45	6
						EX	PLOK001	11D40.84.1SB-4	75,0x17,8x298,0	45	6
ENG. a8C22	**SM 42 (6D) (Stonka)**	65-92	81,2 dcm	590 kW (800 PS)	220 / 8	IN	PLOK004	a8C22-27-166	76,0x18,0x287,0	30	13
						EX	PLOK005	a8C22-27-155	76,0x18,0x313,0	44	13
ENG. K6S310DR	**S 200 (T669/ 770 CD) (Trzmiel)**	63-93		993 kW (1350 PS)		IN/ EX	PLOK006	3-PIS-6003 01	101,0x20,0x305,0	45	10
ENG. 12LDA28/12LDS28B (Sulzer)	**ST 43 (060DA) (Rumun)**	65-78	265,8 dcm	1544 kW (2100 PS)	280 / 12	IN/ EX	PLOK007	D.201-100	114,0x22,0x319,0	30	14
ENG. PD1M	**SM 48 (TEM2) (Tamara)**	60-88	157,2 dcm	880 kW (1200 PS)	318 / 6	IN	PLOK008	D50.09.009	102,0x22,0x336,5	45	9
						EX	PLOK009	D50.09.010	102,0x22,0x437,5	45	9
ENG. K6S230DR	**T448p (Koziołek)**	76-89		883 kW (1200 PS)	6	IN/ EX	PLOK010	3-24-1 8550-00	81,0x18,0x272,0	30	15
ENG. 12V170DR	**T334.0** **TU3/ T47.0 / TU47.0 / 705.9**	54-58		332 kW (451 PS)	170 / 12	IN/ EX	PLOK011	V12-30-320	60,0x14,0x192,0	45	10
	Typ 6S150TG (CKD PRAHA Horovice)					EX	PLOK012	31-1-0500-18/H	48,9x12,0x199,0	45	3
						EX	PLOK013	31-1-0500-23	43,9x12,0x160,0	45	3
						IN	PLOK014	31-1-0500-19/E	43,9x12,0x199,0	45	3
	S 160					IN/ EX	PLOK015	41-1-0500-24	57,9x12,0x197,0	45	3
						EX	PLOK016	41-1-0500-27	43,9x12,0x164,0	45	3
						IN/ EX	PLOK017	40-1-0506-00	57,9x12,95x197,0	45	3
	MLP					IN	PLOK018	822-08	56,9x13,0x186,1	45	3



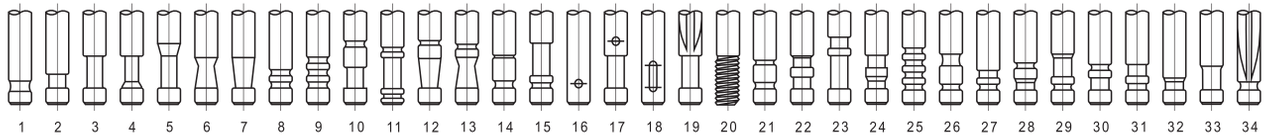
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LOKOMOTYWY											
ENG. LDH45, MB 836 Bb (Maybach-Mercedes)	**MK45 L45H**			331 kW (450 PS)	6	EX	PLOK019	822-09	56,1x13,0x211,5	45	3
						IN	PLOK026	28200530401 2815121328369	57,0x13,0x189,0	45	33
						EX	PLOK027	28200530405 2815121328370	56,0x13,0x214,5	45	33
ALCO						IN/ EX	PLOK032		77,4x16,0x292,1	45	2
ENG. A8C22	**SM 42**	01/65 - 12/92	81600 ccm	588 kW (800 PS)	220/8	IN	PLOK020	A8C22-27-166	76,0x17,9x287,0 Grubość grzybka +1,0 [mm]	30	13
ENG. 2112SSF	**SP/SU 45**	01/70 - 12/76	95600 ccm	1250 kW (1700 PS)	12/210	IN/ EX	PLOK022	2112SSF-27-014i	72,0x16,9x261,0 Grubość grzybka +0,5 [mm]	45	30



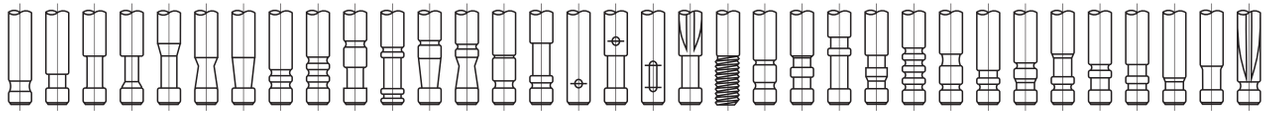
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LOMBARDINI											
	LDA450 - 490 - 510				1	IN	PLOM019	283-9652-017	34,3x7,0x99,4	45	1
						EX	PLOM020	283-9685-027	29,5x7,0x99,0	45	1
	LDA820 **4LD 640** **4LD 705** **4LD 820**				1	IN	PLOM021	291-9652-019	42,0x8,0x111,0	45	1
						EX	PLOM022	291-9685-031	35,5x8,0x111,0	45	1



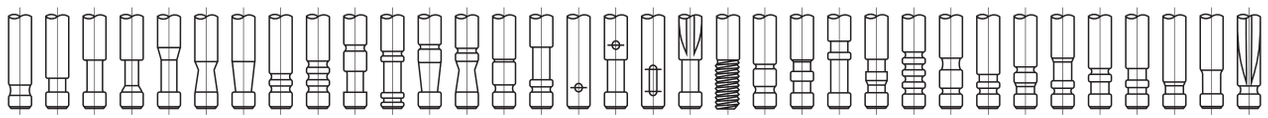
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
LOTUS											
ENG. 18 K4K	**ELISE 111 S**	03/99 - 11/00	1796 ccm	107 kW (146 PS)	4	IN	PLOT003	LGH10064	31,6x6,0x89,6	45	1
						EX	PLOT002	LGH10065	27,4x6,0x90,0	45	1



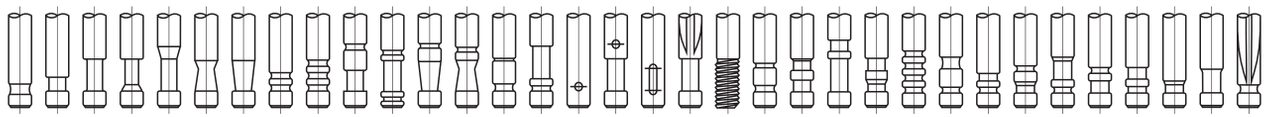
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
M.A.N. DIESEL											
ENG. D 0224 M, ME, MF	**Series 6.90/8.90**	10/79-9/87	3791 ccm	61-66 kW (83-90 PS)	102 / 4	IN	PMAN001	51.04101.0417	47,0x10,0x136,6	45	1
ENG. D 0226 M, ME, MFA, MFM, MFO, MH	**Series 8.136/9.136/10.136**	10/79-8/88	5687 ccm	98-100 kW (133-136 PS)	102 / 6			51.04101.0398			
						IN	PMAN003	51.04101.0425	49,0x10,0x136,6	30	1
ENG. D 0226 MC, MK, MKFA, MKFO, MKH, ML	**Series 8.136/8.170/ 9.136/9.170/12.170/ 12.192/14.170/14.192/ 16.170/16.192/17.170/ 17.192/ 24.192**	5/82-97	5687 ccm	100-154 kW (136-210 PS)	102 / 6			51.04101.0422			
						EX	PMAN002	51.04101.0410	42,0x10,0x136,3	45	1
								51.04101.0401			
								51.04101.0411			
ENG. D 0226 MF Euro 0	**Series 8.136/8.150/ 9.136/9.150/10.136/ 10.150/12.136/14.136/ 16.136/17.136**	10/79-10/93	5687 ccm	92-100 kW (125-136 PS)	102 / 6			51.04101.0480			
ENG. D 0226 MKF Euro 0	**Series 12.170/12.192/ 14.170/14.192/16.170/ 16.192/17.170/17.192/ 24.192**	4/83-12/90	5687 ccm	125-141 kW (170-192 PS)	102 / 6						
ENG. D 0226 MT		91-97	5687 ccm	125 kW (170 PS)	102 / 6						
ENG. D 0824 FL 01, GF 04, LE 301, LF 01/03/04/05/ 06/07/08/09/10, LFL 01, LFL 05, LFO 01, LOH 01/02/03 Euro 1		8/91 →	4580 ccm	66-118 kW (90-160 PS)	108 / 4	IN	PMAN003	51.04101.0425	49,0x10,0x136,6	30	1
								51.04101.0422			
						EX	PMAN002	51.04101.0410	42,0x10,0x136,3	45	1
								51.04101.0401			
ENG. D 0824 GF, GF 01 GF 02 Euro 0		4/87-5/94	4580 ccm	74 kW (100 PS)	108 / 4			51.04101.0411			
								51.04101.0480			
ENG. D 0824 GF 03 Euro 1		91 →	4580 ccm	75 kW (102 PS)	108 / 4						
ENG. D 0824 LF 02, LFG 01, LFL 02/03/04/06/07/08/ LFL 09/10, LFO 02, LOH 04/05 Euro 2		8/91 →	4580 ccm	81-162 kW (110-220 PS)	108 / 4						



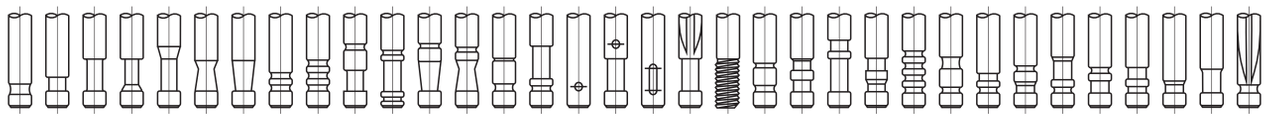
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
M.A.N. DIESEL											
ENG. D 0826 LF/217, LOH 12, LUE 501/503, LUH213		9/89 →	6871 ccm	110-160 kW (150-217 PS)	108 / 6	IN	PMAN003	51.04101.0425 51.04101.0422	49,0x10,0x136,6	30	1
ENG. D 0826 LOH Euro 0		11/95 →	6596 ccm	169 kW (230 PS)	108 / 6	EX	PMAN002	51.04101.0410	42,0x10,0x136,3	45	1
ENG. D 0826 TE 520, TOH 01, TUE 501		11/87 →	6596 ccm	96-130 kW (131-177 PS)	108 / 6			51.04101.0401 51.04101.0411			
ENG. D 0826 TF, TOH Euro 0		8/87-5/92	6596 ccm	132-137 kW (180-186 PS)	108 / 6			51.04101.0480			
ENG. D 0834 LFL 01/02 LFL 03/04, LOH 01/02/03 Euro 3		1/99 →	4580 ccm	103-125 kW (140-170 PS)	108 / 4						
ENG. D 0836 LF 01/02, LFL 01/04 Euro 2		6/98 →	6871 ccm	196-206 kW (266-280 PS)	108 / 6						
ENG. D 0836 LF 03/04/05, LF 06, LFG 01, LFL 03, LFL 02/05/06/, LOH 02/03, LUH 01/02 Euro 3		1/99 →	6871 ccm	162-206 kW (220-280 PS)	108 / 6						
ENG. D 0836 LOH 01 Euro 2		4/99 →	6871 ccm	206 kW (280 PS)	108 / 6						
ENG. D 0836 LOH 04 Euro 4		4/06 →	6871 ccm	177 kW (240 PS)	108 / 6						
ENG. D 2840 LF/460 Euro 0		5/87-2/90	18273 ccm	338 kW (460 PS)	128 / 10	IN	PMAN004	51.04101.0348	58,0x12,0x142,5	30	1
ENG. D 2848 L, LE, LE 30/401/403/405, LE/T, LXE, LYE, LZE		86 →	14618 ccm	265-588 kW (360-799 PS)	128 / 8	EX	PMAN005	51.04101.0375 51.04101.0478 51.04101.0367	51,0x12,0x142,5	45	1
ENG. D 2848 T, TF		11/83 →	14618 ccm	245 kW (334 PS)	128 / 8			51.04101.0440			
ENG. D 2865 LF 02/03/04 Euro 0		2/90-6/96	9972 ccm	198-235 kW (270-320 PS)	128 / 5			51.04101.0447			
ENG. D 2865 LF 05/06/10/14 Euro 1		2/90 →	9972 ccm	198-250 kW (270-340 PS)	128 / 5			51.04101.0479			
ENG. D 2865 LF 09/13/20 Euro 2		1/94 →	9972 ccm	191-250 kW (260-340 PS)	128 / 5						



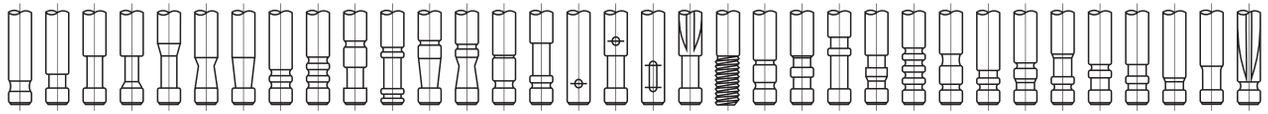
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
M.A.N. DIESEL											
ENG. D 2842 LE 602/604/ 606/607			21930 ccm	480-662 kW (653-900 PS)	128 / 12	IN	PMAN004	51.04101.0348 51.04101.0375	58,0x12,0x142,5	30	1
ENG. D 2866 LE 401/402/403		1/94 →	11967 ccm	368-441 kW (500-600 PS)	128 / 6			51.04101.0478			
ENG. D 2866 LF 20 Euro 2		1/94 →	11967 ccm	294 kW (400 PS)	128 / 6	EX	PMAN005	51.04101.0367	51,0x12,0x142,5	45	1
ENG. D 2866 LF 21/22 Euro 1		1/94-12/95	11967 ccm	272-309 kW (370-420 PS)	128 / 6			51.04101.0440			
ENG. D 2876 LF 02 Euro 2		1/94 →	12816 ccm	320-338 kW (435-460 PS)	128 / 6			51.04101.0447			
ENG. D 2848 LE 201/202/203		1/95 →	14618 ccm	320-494 kW (435-672 PS)	128 / 8			51.04101.0479			
ENG. D 2866 LE 201 Euro 2		4/95 →	11967 ccm	249-354 kW (339-481 PS)	128 / 6						
ENG. D 2866 LE 202/203/211		6/95 →	11967 ccm	230-364 kW (313-495 PS)	128 / 6						
ENG. D 2866 LE 202/203/211		6/95 →	11967 ccm	230-364 kW (313-495 PS)	128 / 6						
ENG. D 2840 LF 20/21/23/24 Euro 2		7/95 →	18273 ccm	441-466 kW (600-633 PS)	128 / 10						
ENG. D 2865 LFR			9972 ccm		128 / 5						
ENG. D 2866 LXFG Euro 1			11967 ccm	198-324 kW (269-440 PS)	128 / 6						
ENG. D 2530 ME, MF, MFR, MR, MXF, MXFR		7/72-1/86	15945 ccm	156-235 kW (212-320 PS)	125 / 10	IN	PMAN006	51.04101.0405	57,0x12,0x142,5	45	1
						IN	PMAN004	51.04101.0348	58,0x12,0x142,5	30	1
ENG. D 2530 MTE		73-10/81	15945 ccm	223-294 kW (303-400 PS)	125 / 10			51.04101.0375			
ENG. D 2538 M, ME, MF		72-10/77	12763 ccm	188 kW (256 PS)	125 / 8			51.04101.0478			
ENG. D 2538 MT, MTE, MTH		73-10/81	12763 ccm	178-235 kW (242-320 PS)	125 / 8	EX	PMAN005	51.04101.0367	51,0x12,0x142,5	45	1
ENG. D 2540 MT		6/80 →	17426 ccm	187 kW (390 PS)	125 / 10			51.04101.0440			
ENG. D 2542 MTE		1/76 →	20910 ccm	283-405 kW (385-550 PS)	125 / 12			51.04101.0447			
ENG. D 2555 M, MF, MX, MXF, MXUL		73-12/84	9199 ccm	124-141 kW (168-192 PS)	125 / 5			51.04101.0479			
ENG. D 2555 MTE		74-9/76	9199 ccm		125 / 5						
ENG. D 2556 M, MF, MX, MXF		10/72-6/83	11045 ccm	141-177 kW (192-241 PS)	125 / 6						
ENG. D 2556 MTE		11/74-9/76	11045 ccm	191 kW (260 PS)	125 / 6						



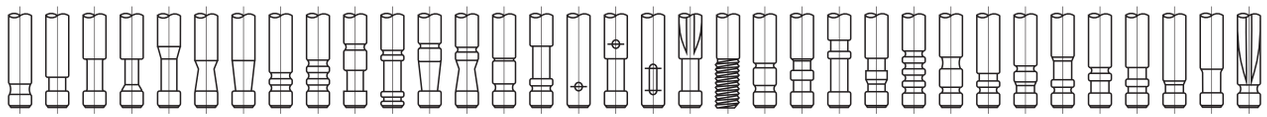
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
M.A.N. DIESEL											
ENG. D 2866 LXE 20, MK		85 →	11967 ccm	215-237 kW (292-322 PS)	128 / 6	IN	PMAN006	51.04101.0405	57,0x12,0x142,5	45	1
ENG. D 2866 T		1/87-3/93	11967 ccm	190-250 kW (258-340 PS)	128 / 5	IN	PMAN004	51.04101.0348	58,0x12,0x142,5	30	1
ENG. D 2866		83 →	11967 ccm	157-185 kW (213-252 PS)	128 / 6			51.04101.0375			
ENG. D 2865 LUH 07 Euro 2		9/95 →	9972 ccm	228 kW (310 PS)	128 / 6			51.04101.0478			
						EX	PMAN005	51.04101.0367	51,0x12,0x142,5	45	1
ENG. D 2866 LOH 02 Euro 0			11967 ccm	272 kW (370 PS)	128 / 6			51.04101.0440			
								51.04101.0447			
								51.04101.0479			
ENG. D 2866 LF 23/24/25/26 LF 27/28, LGF 07, LOH 27/28/29/32/33/34/35, LOH 37/38, LUH 23/24/25, LUH 27/28/29/30/34/35/36/37, LUH 50/51/52 Euro 3		4/94 →	11967 ccm	191-301 kW (260-410 PS)	128 / 6	IN	PMAN007	51.04101.0547	46,0x9,0x153,7	30	9
						IN	PMAN009	51.04101.0482	46,0x9,0x153,7	30	1
						EX	PMAN008	51.04101.0548	46,0x9,0x153,7	45	9
						EX	PMAN010	51.04101.0483	46,0x9,0x153,7	45	1
ENG. D 2866 LF 29/30/34/35 Euro 2		3/97 →	11967 ccm	228-301 kW (310-410 PS)	128 / 6						
ENG. D 2866 LF 31/32/36/37, LF 39/40/41/43, LFG 05 Euro 2		4/94 →	11967 ccm	228-301 kW (310-410 PS)	128 / 6						
ENG. D 2866 LFG 03 Euro 1		4/94 →	11967 ccm	272 kW (370 PS)	128 / 6						
ENG. D 2866 LFG 04 Euro 1		4/94 →	11967 ccm	309 kW (420 PS)	128 / 6						
ENG. D 2876 LF 01/06/07 LF 08/11 Euro 2		12/97 →		301-338 kW (409-460 PS)	128 / 6						
ENG. D 2876 LF 03/04/05/09, LF 10/14/17/20/21/22/24, LFG 01, LOH 03 Euro 3		3/99 →	12816 ccm	320-390 kW (435-530 PS)	128 / 6						
ENG. D 2876 LOH 02/04/05 Euro 3		7/98 →	12816 ccm	301-338 kW (409-460 PS)	128 / 6						



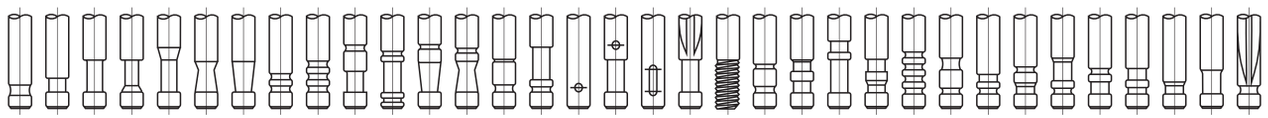
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
M.A.N. DIESEL											
ENG. D 2156 MT 2, D 2156 MTN 5, D 2156 MTN 6, D 2156 MTN 8, D 2156 MTU, D 2156 MTX, D 2156 MTN 1	**Series 13.256/16.256/ 19.256/22.256/26.256/ 30.256**	66-75	10344 ccm	184-210 kW (250-285 PS)	121 / 6	IN	PMAN017	51.04101.0379	56,0x12,0x149,0	30	1
						EX	PMAN018	1-04101-0273	49,0x12,0x148,7	45	1
								51.04101.0373			
ENG. D 2156 MTNS	**Series SM 260**	66-75	10344 ccm	184-210 kW (250-285 PS)	121 / 6						
ENG. D 2146 MT-Turbo		60-71	9659 ccm		121 / 6						
EN G. D2356 HM	**10/12/13/16/19/22/ 30.230, SG 192, SU 230 11U 192, 12U 192**	68-74	10690 ccm	170 kW (230 PS)	123 / 6	IN	PMAN019	51.04101.0349	57,0x12,0x149,0	45	1
								5000046569			
						EX	PMAN020	1-04101-0303	51,7x12,0x148,7	45	1
								51.04101.0364			
								5000046570			
ENG. D 2156 HM 2, D 2156 HM 3, D 2156 HM 9, D 2156 HMN 3, D 2156 HNY, D 2156 MNY, D 2156 MGN, D 2156 MYN, D 2156 MY	**Series 9.192/12.192/ 13.230/15.192/16.192/ 22.192/SG 192**	66-75	10344 ccm	141-169 kW (192-230 PS)	121 / 6	IN	PMAN023	1-04101-0305	56,0x12,0x149,0	45	1
								51.04101.0129			
								51.04101.0305			
						EX	PMAN018	1-04101-0273	49,0x12,0x148,7	45	1
ENG. D 2156 HM-U 11, D 2156 HMXU-036	**Series 9.192/12.192/22.192 SG 192**	69-75	10344 ccm	141-169 kW (192-230 PS)	121 / 6			51.04101.0373			
ENG. D 2156 HMXU-038	**Series 9.192/12.192/22.192/ SG 192**	69-76	10344 ccm	141-169 kW (192-230 PS)	121 / 6						
ENG. D 2156 HMN 9	**Series 9.192/13.230/15.192/ 16.192/SG 192**	66-75	10344 ccm	141-169 kW (192-230 PS)	121 / 6						



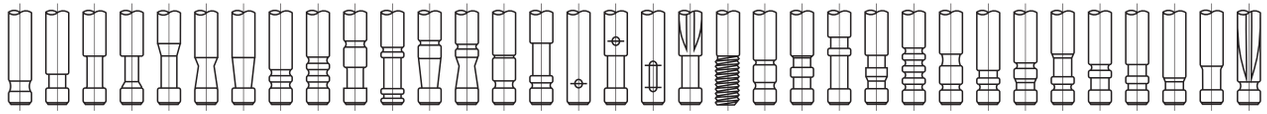
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
M.A.N. DIESEL											
ENG. D 2156 HMN 8	**Series 9.192/13.230/15.192/ 16.192/SG 192**	66-75	10344 ccm	141-169 kW (192-230 PS)	121 / 6	IN	PMAN023	1-04101-0305 51.04101.0129 51.04101.0305	56,0x12,0x149,0	45	1
ENG. D 2156 HMYU-036, D 2156 HMYU-038, D 2156 6 U	**Series SL 192**	5/71-12/76 66 →	10344 ccm	141-169 kW (192-230 PS)	121 / 6	EX	PMAN018	1-04101-0273 51.04101.0373	49,0x12,0x148,7	45	1
ENG. D 2356 HM 6 DK, D 2356 HM 6 U, D 2356 HM 9, D 2356 HMHU-063 , D 2356 HMN 2, D 2356 HMN 5, D 2356 HMN 9, D 2356 M9	**Series 10.230/12.230/ 13.230/16.230/22.230/ 30.230/SG 192/SUE 230**	68-74	10690 ccm	169-173 kW (230-235 PS)	123 / 6	IN	PMAN024	1-04101-0302 51.04101.0329	57,8x12,0x149,0	45	1
						EX	PMAN020	1-04101-0303 51.04101.0364	51,7x12,0x148,7	45	1
ENG. D 2356 HM 6 U, D 2356 HMN 5	**Series SUE 230/SM 260**	68-80	10690 ccm	169-173 kW (230-235 PS)	123 / 6			5000046570			
ENG. D 2676 LF 01/02/03, LF 04/05, LOH 01/02/03/04 Euro 4	**Series 35.463** **Series TGA 18.480** **Series TGA 24.480/26.480** **Series TGA 32.480/35.480** **Series TGA 37.480/41.480**	8/95 →	12419 ccm	338-353 kW (460-480 PS)	126 / 6	IN	PMAN032	51.04101.0545 51.04101.0571 51.04101.0574	40,0x9,0x160,4	30	9
						EX	PMAN033	51.04101.0546	38,0x9,0x160,4	45	9
ENG. D 2676 LF 06/07/11, LF 12/13/14/21 Euro 5	**Series TGA 24.480/26.480** **Series TGX 18.540**	1/06 →	12419 ccm	353-397 kW (480-540 PS)	126 / 6						
ENG. D 2676 LOH 10 Euro 3			12419 ccm	338 kW (460 PS)	126 / 6						
ENG. D 2676 LOH 26/27/28			12419 ccm	324-371 kW (440-505 PS)	126 / 6						
ENG. D 2066 LF 01/02/03, LF 04/06/07, LOH 10/11/12, LUH 07/08/09 Euro 3		2/04 →	10520 ccm	228-316 kW (310-430 PS)	126 / 6						



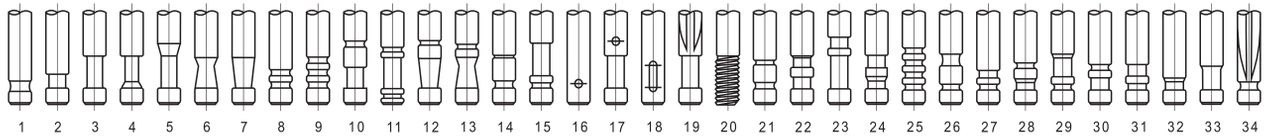
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
M.A.N. DIESEL											
ENG. D 2066 LF 11/12/13, LF 14/17/18/19/20/23/24/29, LF 30/31/32/33/34/35/36/37, LF 38/39, LOH 01/02/03/04, LOH 05/06/07/08, LUH 05/11/12/13/14/15/21/22, LUH 23/24 Euro 4		1/04 →	10520 ccm	190-324 kW (270-440 PS)	120 / 6	IN	PMAN032	51.04101.0545 51.04101.0571 51.04101.0574	40,0x9,0x160,4	30	9
						EX	PMAN033	51.04101.0546	38,0x9,0x160,4	45	9
ENG. D 2066 LF 21/22/25, LF 26/27/28/40/41/42/43 Euro 5			10520 ccm	235-324 kW (320-440 PS)	120 / 6						
ENG. E 0826 E 301	**MAN Industrial Gas Engine**		6596 ccm	70 kW (95 PS)	6/108	IN	PMAN027	51.04101.0588	49,0x10,0x136,6	30	1
						EX	PMAN028	51.04101.0589	42,0x10,0x136,3	30	1
ENG. E 0834 E 302			4580 ccm	54 kW (73 PS)	4/108						
ENG. E 0834 E 312			4580 ccm	37 kW (50 PS)	4/108						
ENG. E 0836 E 302			6871 ccm	75 kW (102 PS)	6/108						
ENG. E 0836 E 312			6871 ccm	56 kW (76 PS)	6/108						
ENG. E 0836 LE 202			6871 ccm	110 kW (150 PS)	6/108						
ENG. E 0836 LOH 01			6871 ccm	206 kW (280 PS)	6/108						
ENG. E 0836 LOH 02			6871 ccm	184 kW (250 PS)	6/108						
ENG. E 0836 LOH 03			6871 ccm	162 kW (220 PS)	6/108						
ENG. E 0836 LOH 04			6871 ccm	206 kW (280 PS)	6/108						
ENG. E 0836 LOH 05			6871 ccm	184 kW (250 PS)	6/108						
ENG. E 0836 LOH 06			6871 ccm	162 kW (220 PS)	6/108						



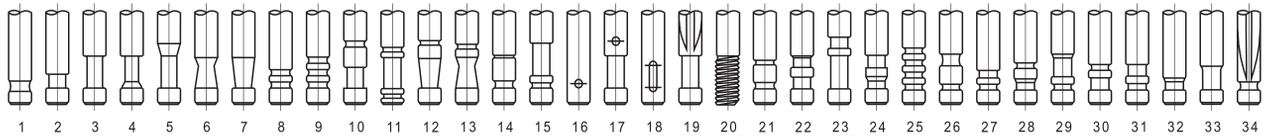
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
M.A.N. DIESEL											
ENG. E 2866 DF 01	**MAN E 2000 28.230 FNLC**	05/00 →	11967 ccm	170 kW (230 PS)	128/6	EX	PMAN031	51.04101.0439	51,0x12,0x142,5	30	1
						IN	PMAN029	51.04101.0438	58,0x12,0x142,5	30	1
	MAN F 2000 19.233 FC CNG	03/00 →									
	MAN F 2000 19.233 FK, FK-L, CNG	03/00 →									
	MAN F 2000 26.233 FVLC CNG	09/96 →									
	MAN F 2000 26.233 FVL-KO	03/00 →									
ENG. E 2876 LUH 02	**MAN HOCL 18.310 HOCL-NL**	05/07 →	12816 ccm	228 kW (310 PS)	128/6						
	MAN NG NG 313	05/07 - 12/14									
	MAN NL NL 313	05/07 - 12/14									
ENG. E 2866 DUH 03	**MAN NL NL 243**	05/07 - 12/14	11967 ccm	180 kW (245 PS)	128/6						
ENG. E 2866 DUH 04											
ENG. D 0836 LF 41	**MAN TGA 26.280**	11/02 →	6871 ccm	206 kW (280 PS)	6/108	IN	PMAN034	51.04101.0515	38,0x7,0x141,5	30	9
ENG. D 0836 LF 44	**MAN TGA 26.330**	11/02 →	6871 ccm	240 kW (326 PS)	6/108	EX	PMAN035	51.04101.0498	34,0x7,0x141,1	45	9
ENG. D 0834 LFL 40/50/53/60/63	**MAN TGL 7.150, 8.150**	04/05 →	4580 ccm	110 kW (150 PS)	4/108						
ENG. D 0834 LFL 41/51/54/61/64	**MAN TGL 7.180, 8.180**	04/05 →	4580 ccm	132 kW (180 PS)	4/108						
ENG. D 0834 LFL 62/65	**MAN TGL 7.220**	04/05 →	4580 ccm	162 kW (220 PS)	4/108						
ENG. D 0836 LFL 60/63	**MAN TGL 7.250**	04/05 →	6871 ccm	184 kW (250 PS)	6/108						
ENG. D 0834 LFL 40/50/53/63	**MAN TGL 8.150**	10/06 →	4580 ccm	110 kW (150 PS)	4/108						
ENG. D 0834 LFL41/51/54/61/64	**MAN TGL 8.180**	04/05 →	4580 ccm	132 kW (180 PS)	4/108						
ENG. D 0834 LFL 42/52/55	**MAN TGL 8.210**	04/05 →	4580 ccm	151 kW (206 PS)	4/108						
ENG. D 0834 LFL 65	**MAN TGL 8.220**	04/05 →	4580 ccm	162 kW (220 PS)	4/108						



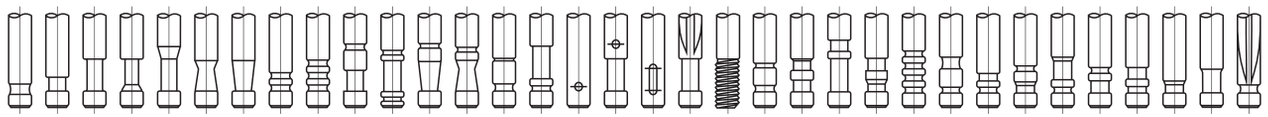
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MARINE (MORSKIE)											
ENG. SULZER	**A20/S20/AL20/24 (Kuter)**					IN/ EX	PMAR001	H27076	64,1x16,0x299,0	60	1
ENG. SULZER	**633 (Kuter)**					EX	PMAR002 (bimetalic)	77025	64,1x16,0x294,0	45	26
ENG. SULZER	**721 (Kuter)**					EX	PMAR002 (stellite)	74055	64,1x16,0x294,0	45	26
						IN/ EX	PMAR004		71,0x16,0x204,0	45	6
BAH (Kuter)						IN/ EX	PMAR005		79,0x15,8x328,9	30	5
ENG. SULZER	**921 B/W (Mitsui) K5SZ**					IN	PMAR006		83,0x20,0x350,0	30	1
ENG. SULZER	**623 (MAK) A8L25/30**					IN/ EX	PMAR007	08S006922	98,0x20,0x344,0	30	6



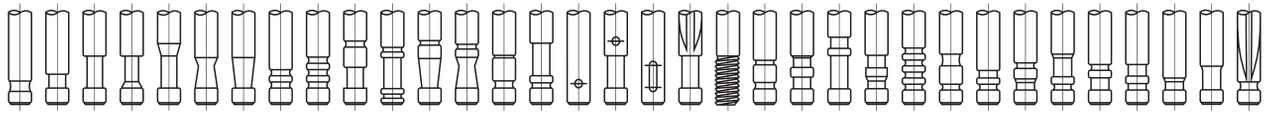
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MASERATI											
	Citroen SM 2.7	01/40 - 12/75	2675 ccm	125 - 131 kW (170 - 178 PS)	6/87	IN	PMAS001	MD66697	42,0x8,0x101,0	45	1
	Citroen SM 3.0		2965 ccm	132 kW (180 PS)	6/91,6	EX	PMAS002	MD66698	36,0x9,0x103,0	45	1



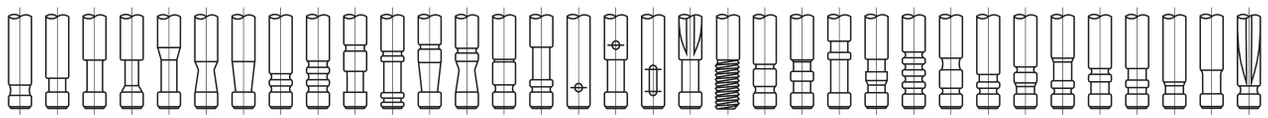
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MASSEY FERGUSON / LANDINI DIESEL											
EN G. P6 - 6.288	**Harvester**	57-72	4730 ccm	61 kW (83 PS)	88,925 / 6	IN	PMAF001	31431261	39,0x7,9x114,5	45	1
	Mähdrescher 892	57-72						713151M1			
								0910001			
						EX	PMAF002	31431951	33,5x7,9x114,5	45	1
								713152M1			
								0910002			
ENG. AD 3.152	**20, 35, 40, 44, 114, 124, 134, 135, 144, 148, 152, 154, 164, 200, 230, 233, 234, 235, 240, 245, 248, 250, 253, 254, 255, 260, 263, 285, 333, 340, 350, 353, 2200, 2203, 2205, 2500, 3165, 4000, 4500, 5000, 5500**	1/69 →	2490 ccm	28-42 kW (38-57 PS)	91,48 / 3	IN	PMAF003	31431281	39,0x7,9x114,3	45	1
								31431741			
								732811M1			
						EX	PMAF004	31431271	33,4x7,9x114,3	45	1
								31431591			
								31431731			
								31431941			
ENG. AD 4.203	**30, 50, 65, 86, 155, 158, 165, 300, 304, 560, 7000**	62 →	3335 ccm	40-43 kW (55-59 PS)	91,48 / 4			737640M1			
									Grubość grzybka +1,0 [mm]		
						IN	PMAF005		39,0x7,9x114,3	45	1
						EX	PMAF006	364902	33,4x7,9x114,3	45	1



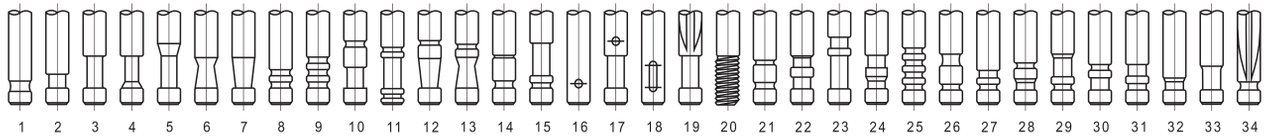
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MASSEY FERGUSON / LANDINI DIESEL											
ENG. A 4.236	**31, 40 B, 50, 85, 87, 99, 168, 174, 175, 177, 180, 184, 187, 206, 240, 265, 270, 273, 274, 275, 283, 284, 307, 362, 373, 374, 375, 377, 383, 384, 387, 565, 575, 585, 685, 3050, 3366, 6500, 7500**	61 →	3864 ccm	37-65 kW (50-89 PS)	98,48 / 4	IN	PMAF007	31431641 31431103 31431163 733819M1		45	1
						EX	PMAF008	31431881 31431104 31431109		45	1
ENG. A 4.212	**30** **165** **3303, 3305**	1/69-12/76 1/73-12/75 1/69-12/70	3475 ccm	44 kW (60 PS)	98,48 / 4			31431164 31431791 31431851			
ENG. 6.354	**44, 45, 87-6, 102, 187-6, 400, 450, 500, 500-7, 510, 515, 520, 542, 1095, 1098, 1100, 1105, 1200, 3366, 4488**	1/64 →	5794 ccm	69-82 kW (94-112 PS)	98,48 / 6			31431891 31431931 733818M1			
						IN	PMAF019	3142H002	44,2x9,5x123,0	30	1
ENG. 4.236	**50, 50 H, 86, 87, 95, 99, 165, 168, 180, 187, 265, 270, 275, 487, 575, 1080**	65 →	3864 ccm	48-60 kW (59-80 PS)	98,48 / 4	EX	PMAF020	3142A052	36,5x9,5x123,5	45	1
						IN	PMAF011	31431402 736813M1	44,4x9,86x123,0	45	1
ENG. 4.212	**50** **165, 186** **7000**	1/73 → 69-4/82 69 →	3475 ccm	44-47 kW (60-64 PS)	98,48 / 4	EX	PMAF012	31431411 736815M1	36,5x9,53x123,4 Grubość grzybka +1,0 [mm]	45	1
ENG. 4.248	**11, 22, 33, 50, 60, 70, 85, 178, 185, 186, 188, 194, 220, 230, 250, 275, 285, 290, 293, 294, 300, 307, 310, 330, 350, 390, 393, 394, 397, 440, 487, 506, 587, 590, 620, 690, 3060, 8000**	69 →	4064 ccm	53-66 kW (72-90 PS)	101,054 / 4						
						IN	PMAF009		44,4x9,48x123,0	45	1
						EX	PMAF010		36,5x9,46x123,4	45	1
ENG. 6.372.4	**620, 625**		6100 ccm	82-87 kW (112-118 PS)	101,054 / 6						



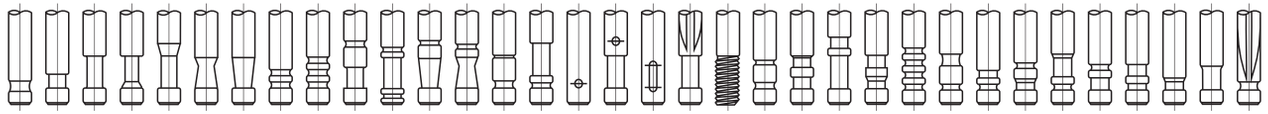
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MASSEY FERGUSON / LANDINI DIESEL											
ENG. 1006.6, 1006.6T, 4.41	**399, 3085, 3115, 3120, 3120T, 3125, 3140, 3635, 4225, 4235, 4240, 4260, 4270, 6110, 6120, 6160, 6180**				100 / 4/6	IN	PMAF013	3142L051 748413M1	45,0x9,5x122,9	45	1
						EX	PMAF014	3142A051 3142A071 748309M1	37,4x9,5x123,3	45	1
ENG. 1004-4T (70 kW)	**6255**	6/99-12/03	3990 ccm	70 kW (95 PS)	100 / 4	IN	PMAF015	3142D041	43,0x9,0x123,0	45	1
						EX	PMAF016	3142D031	41,0x9,0x123,0	45	1
ENG. 4.107	**30**	1/66-12/68	1753 ccm	18-40 kW (25-55 PS)	79,375 / 4	IN	PMAF017	31431661 0910064	36,0x8,0x117,0	45	1
	31	1/64-12/68									
	130	1/66-12/72				EX	PMAF018	31431861 0910061	30,3x8,0x117,0	45	1
	133	1/69-12/74									
ENG. EDK 2	**132**	1/72-12/74	1962 ccm	22 kW (30 PS)	100 / 2	IN	PMAF021	1620.069.M3 EDK 1.2085.4	42,2x9,0x131,5	45	1
ENG. EDK 3	**139**	1/71 →	2944 ccm	25 kW (35 PS)	100 / 3						
	142	1/71 →				EX	PMAF022	1620.070.M2 EDK 1.2086.4	38,5x9,0x131,5	45	1
ENG. 23C	**FE 35, 835**		2259 ccm	27,4 kW (37,5 PS)	85 / 4	IN	PMAF023	1884123M1 826168M1	38,4x7,9x110,2	45	1
						EX	PMAF024	1884124M1 826169M1	31,0x9,5x110,6	45	5
ENG. 1004.4, 1004.4T, 1006.6T	**3075, 3120, 3120T, 3635, 3645, 3655, 3660, 4245, 4255, 6130, 6140, 6150, 6190, 8110, 8120, 8130**				100 / 4/6	IN	PMAF025	3142L072 3640597M1	45,0x9,5x123,2	30	1
						EX	PMAF014	3142A051 3142A071 748309M1	37,4x9,5x123,3	45	1



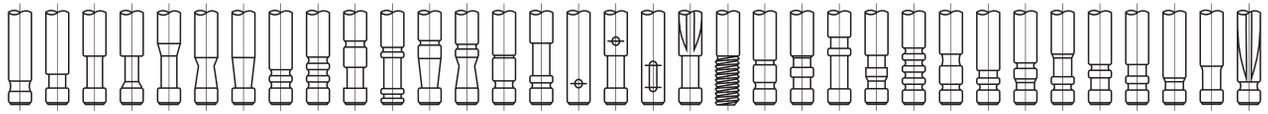
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MAYBACH DIESEL											
ENG. MB 820/836 (Maybach-Mercedes)					6	IN	PMAY001	28200530401 2815121328369	57,0x13,0x189,0	45	33
						EX	PMAY002	28200530405 2815121328370	56,0x13,0x214,5	45	33



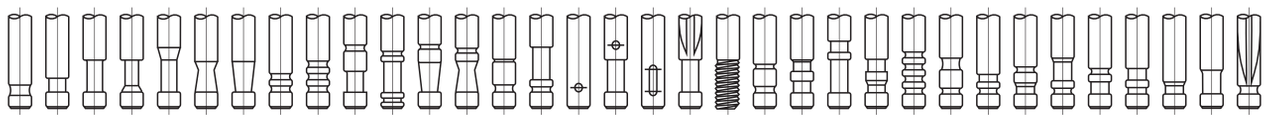
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MAZDA BENZYNA											
ENG. VB	**121 1.3i**	69-78	1796 ccm	68 kW (92 PS)	78 / 4	IN	PMAZ003	0290-12-111C	42,0x8,1x108,6	45	1
	E 1800	69-78						D27Z-6507A			
	Courier 1800	69-78				EX	PMAZ004	0305-12-121	33,0x8,1x107,1	45	1
	Luce 1800	69-78						D27Z-6505A			
	Titan 1800	69-78									
ENG. NA	**616 1600**	70-77	1586 ccm	66 kW (90 PS)	78 / 4						
	626 1600	70-77									
	808 1600	70-77									
	Bongo 1600	70-77									
	Capella 1600	70-77									
	Proceed 1600	70-77									
	B/E 1600	70-77									
ENG. VC	**626 1800**	73-82	1796 ccm	74 kW (100 PS)	80 / 4						
	929 1800	73-82									
	B 1800	73-82									
	Bongo 1800	73-82									
	Capella 1800	73-82									
	Cosmo 1800	73-82									
	Courier 1800	73-82									
	Luce 1800	73-82									
	Proceed 1800	73-82									
ENG. MA	**121 2000**	77 →	1970 ccm	81 kW (100 PS)	80 / 4						
	626 2000	77 →									
	929 2000	77 →									
	B/T 2000	77 →									
	Capella 2000	77 →									
	Cosmo 2000	77 →									
	Courier 2000	77 →									
	Luce 2000	77 →									



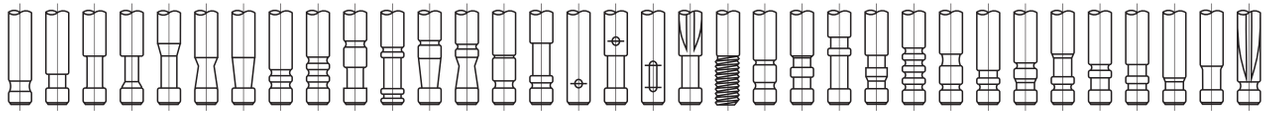
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MAZDA BENZYNA											
ENG. JJB	**121 1.3i**	1/96-1/02	1299 ccm	37 kW (50 PS)	74 / 4	IN	PMAZ005	89BM6507BA 6165228	34,5x7,0x104,0	45	9
ENG. J4D	**121 1.3i**	1/96-1/02	1299 ccm	44 kW (60 PS)	74 / 4	EX	PMAZ006	89BM6505CA 1038606 1653978	29,0x7,0x104,4	45	9
EN G . F Y D A	**2 1.6i 16V** **3 1.6i 16V**	2/03 → 11/03 →	1596 ccm	74-76 kW (101-103 PS)	79 / 4	IN	PMAZ007	928M6507E2A 1041830	26,0x6,0x97,1	45	9
						EX	PMAZ008	948M6505C2A 1033898	24,5x6,0x96,7	45	9
ENG. DHA, DHF	**121 1.25i 16V**	1/96-1/02	1242 ccm	55kW (75 PS)	71,9 / 4	IN	PMAZ009	97MM6507A2B 1051772	26,1x6,0x97,7	45	9
ENG. DHG	**121 1.25i 16V**	3/96-1/02	1242 ccm	55kW (75 PS)	71,9 / 4	EX	PMAZ010	98MM6505A2A 1051770 1069529	22,1x6,0x99,7	45	9
ENG. FYDA, FYJA	**2 1.6i 16V** **3 1.6i 16V**	2/03 → 11/03 →	1596 ccm	74-76 kW (101-103 PS)	79 / 4	IN	PMAZ055	98MM6507C2B 98MM6507C28 1072048	30,1x6,0x97,0	45	9
						IN	PMAZ011	1S4G6507CA 1S4G6507CB 1122364 1320927 30711639 C601-12111	30,0x6,0x99,0	45	9
						EX	PMAZ056	1S6C6505BA 1S6G6505BA 1113189 30711638 C4011-2121	24,0x6,0x101,4	45	9
						EX	PMAZ012	98MM6505B2A 98MM6505B2B XS6G6505B2A 1051771 1069529 1101934	24,1x6,0x99,4	45	9



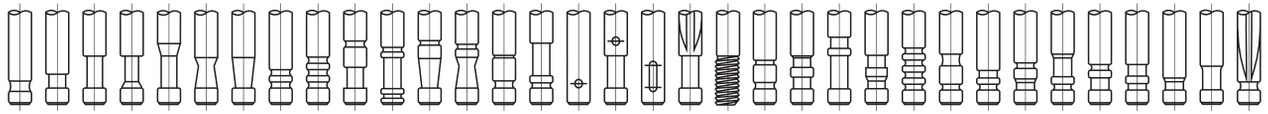
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MAZDA BENZYNA											
EN G. L8	**5 1.8i 16V** **6 1.8i 16V**	02 → 05 →	1798 ccm		83 / 4	IN	PMAZ013	1S7G6507DG 1211483 1324691 8694781 L801-12-111	32,5x5,5x103,4	45	1
						EX	PMAZ014	1S7G6505DF 1324690 8694780 L801-12-121C	28,0x5,5x104,6	45	1
ENG. LFF7	**5 2.0i 16V** **6 2.0i 16V**	6/05 → 3/05 →	1999 ccm	107 kW (145 PS)	87,5 / 4	IN	PMAZ015	1S7G6507CE 6C1G6507AA	35,0x5,5x103,4	45	1
ENG. LF17, LF18	**Atenza 2.0i 16V** **3 2.0i 16V** **6 2.0i 16V**	3/02 → 10/03 → 3/02 →	1999 ccm	104-110 kW (141-150 PS)	87,5 / 4			1124378 1213175 1324132			
ENG. L3	**MPV 2.3i 16V**	7/02-6/04	2261 ccm	104 kW (141 PS)	87,5 / 4			1374186			
ENG. L3C1	**6 2.3i 16V**	3/02 →	2261 ccm	122 kW (166 PS)	87,5 / 4			LF01-12111 30777329			
						EX	PMAZ016	1S7G6505CE 1124377 1324131 LF01-12121 LF02-12121 30777328	30,0x5,5x104,6	45	1



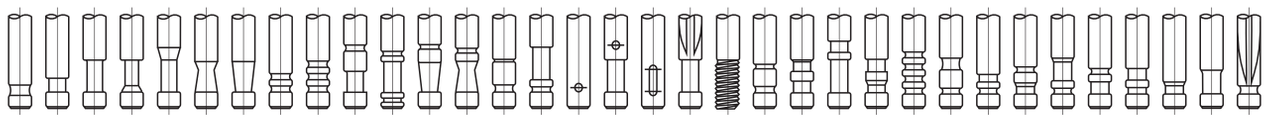
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MAZDA BENZYNA											
ENG. DHA	**121 1.25i 16V**	96-7/97	1242 ccm	55kW (75 PS)	71,9 / 4	IN	PMAZ021	96MM6507B1A 96MM6507B2A 1004446 1E05-12111	26,0x6,0x98,0	45	1
						EX	PMAZ022	96MM6505B1A 96MM6505B2A 1004444 1E05-12121	22,0x6,0x100,0	45	1
ENG. B3	**121 I 1.3**	10/87-11/90	1323 ccm	40-44 kW (54-60 PS)	71 / 4	IN	PMAZ023	B3C7-12-111A	25,5x6,0x108,3	45	1
	323 III 1.3	4/87-10/89				EX	PMAZ024	B3C7-12-121A	21,3x6,0x109,2	45	1
ENG. TC	**1300 1.3**	1/75-1/77	1272 ccm	44-49 kW (60-67 PS)	73 / 4			B3D2-12-121A			
	323 I 1.3	1/77-5/86									
	818 1.3	1/74-10/78									
	323 Lantis 1.5	1489 ccm			4	IN	PMAZ029	Z501-12111A Z501-12111C	27,7x5,5x92,3	45	1
						EX	PMAZ030	Z501-12121	24,0x5,5x92,8	45	1
ENG. FXJA	**2 1.4i 16V**	3/03 →	1388 ccm	59 kW (80 PS)	76 / 4	IN	PMAZ037	1S4G6507BA 1S4G6507BB 1151997 1320926	28,0x6,0x99,4	45	9
	3 1.4i 16V	8/03 →									
ENG. HWDA, HWDB	**2 1.6i 16V**	03 →	1596 ccm	74 kW (101 PS)	79 / 4	EX	PMAZ056	C4011-2111A C6011-21111 1S6C6505BA 1S6G6505BA 1113189 30711638 C4011-2121	24,0x6,0x101,4	45	9
						EX	PMAZ012	98MM6505B2A 98MM6505B2B XS6G6505B2A 1051771 1069529 1101934	24,1x6,0x99,4	45	9



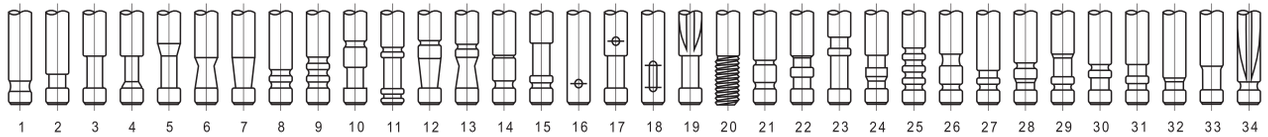
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MAZDA BENZYNA											
ENG. F8	**Bongo 1800**	82 →	1789 ccm	74 kW (100 PS)	86 / 4	IN	PMAZ038	F801-12-111A	44,0x8,0x112,0	45	1
	Capella 1800	82 →				EX	PMAZ039	F801-12-1210	36,0x8,0x111,6	45	1
	Spectron 1800	82 →						F804-12-121			
	Telstar 1800	82 →									
ENG. FE	**929 2000**	82 →	1998 ccm	74 kW (100 PS)	86 / 4						
	Bongo 2000	82 →									
	Capella 2000	82 →									
	Cosmo 2000	82 →									
	Luce 2000	82 →									
	Telstar 2000	82 →									
ENG. FE S.O.H.C	**Capella 626**	82 →	1998 ccm	75 kW (102 PS)	86 / 4						
	Luce 929	82 →									
ENG. W6	**MPV 2500 TDI**	98/99	2499 ccm	80 kW	93 / 4	IN	PMAZ045	WL01-12111	32,7x7,0x111,9	45	1
	ENG. WLT							WL51-12111			
	B2500					EX	PMAZ046	WL01-12121	35,6x7,0x111,8	45	1
								WL51-12121A			
ENG. B6 ZE (DOHC)	**MX 3 1.6 16V**	94-98	1597 ccm		78 / 4	IN	PMAZ047	B657-12111	31,0x6,0x105,3	45	1
	MX 5 1.6 16V	89-94						B6MC-12111			
	Xedos 1.6 16V	94-99				EX	PMAZ048	B660-12121	26,2x6,0x105,3	45	1
								B695-12121B			
								BJ01-12121			



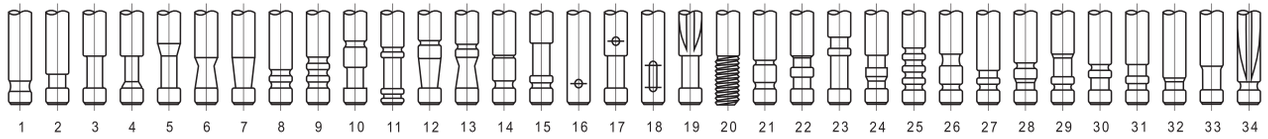
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MAZDA DIESEL											
ENG. RF	**Bongo 2000 D**	83 →	1998 ccm	53 kW (72 PS)	86 / 4	IN	PMAZ001	RF01-12-111	41,0x8,0x107,0	45	1
	Capella 2000 D	83 →				EX	PMAZ002	RF01-12-121	36,0x8,0x106,8	45	1
	Spectron 2000 D	83 →						RF01-12-121B			
	626 2.0 TD	94 →									
	323 2.0 TD	94 →									
	Premacy 2.0 TD	94 →									
ENG. R 2	**Bongo 2200 D**	83 →	2184 ccm	46 kW (65 PS)	86 / 4						
	E 2000/2200 2.2 D	97 →									
ENG. RF5	**6 2.0 CDTi 16V**	02 →	1998 ccm		86 / 4	IN	PMAZ049	RF5C-12111	27,3x6,0x115,3	45	1
	5 2.0 CDTi 16V	05 →				EX	PMAZ050	RF5C-12121	25,5x6,0x114,6	45	1
	MPV 2.0 CDTi 16V	05 →						RF2A-12121			
	6 2.0 CDTi 16V	08 →									
ENG. DV6TED4 Euro 4 (Y6)	**3 1.6 CDi 16V**	6/04 →	1560 ccm	80 kW (109 PS)	75 / 4	IN	PMAZ051	0948.C7 1229882 30711498 9645024780 3M5Q6507AA Y6011-2111 11347805968	25,6x5,5x96,4	45	9
						EX	PMAZ052	0949.C3 1229883 30711497 9640840080 3M5Q6505AA Y6011-2121 11347805969	23,4x5,5x96,6	45	9



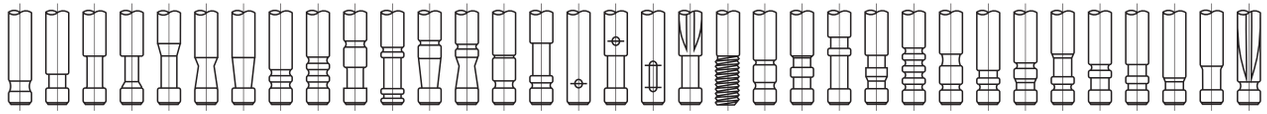
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MAZDA DIESEL											
ENG. DV4TD	**2 1.4 CDTi**	6/05 →	1398 ccm	40-50 kW (54-68 PS)	73,7 / 4	IN	PMAZ053	1145933	32,8x5,5x97,5	45	9
ENG. F6JA	**2 1.4 CDTi**	9/03 →	1398 ccm	50 kW (68 PS)	73,7 / 4			1152191 0948.C2 Y401-12-111 SU00100551			
						EX	PMAZ054	1145932 1152190 1202362 0949.B1 Y401-12-121 SU00100552	30,2x5,5x97,5	45	9
ENG. 4EE1-T	**323 1.7 TD**	8/94 →	1686 ccm	60-65 kW (82-88 PS)	79 / 4	IN	PMAZ057	8943268430 641007 641000 94370173	34,6x7,0x104,1	45	1
						EX	PMAZ058	641322 641300 641301 97037591 8941150592 8941100173	30,6x7,0x104,0	45	1



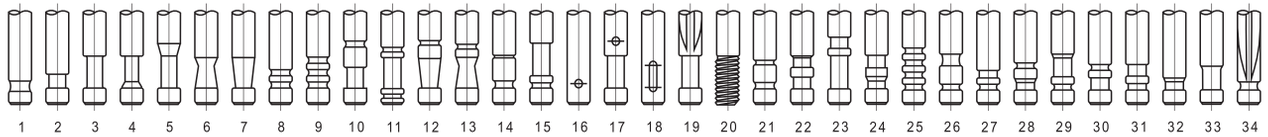
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MAZDA DIESEL											
ENG. RTE, RTF	**121 1.8 D**	1/96-1/02	1753 ccm	44 kW (60 PS)	82,5 / 4	IN	PMAZ059	89FF6507AA 1078433 6172851 6702150 6781619 6616472 6172854	36,5x8,0x107,1	45	9
						EX	PMAZ060	89FF6505AA 1078429 1352129 6172845	32,0x8,0x109,2	45	9
						EX	PMAZ061	93FF6505AA 89FF6505FA 6172848	32,0x8,0x109,3	45	9



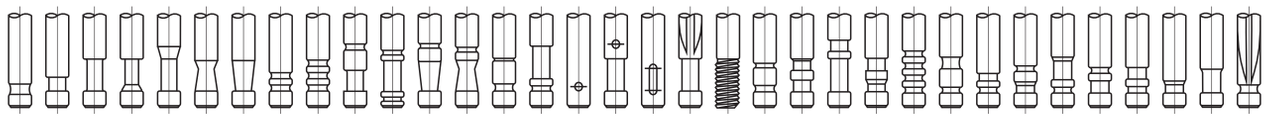
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
MERCEDES BENZYNA											
ENG. M 102.921, 938	**190 2.0 (201)**	10/82-9/88	1997 ccm	63-66 kW (86-90 PS)	89 / 4	IN	PMER021	1020500426	43,0x8,0x114,9	45	1
ENG. M 102.910	**190 E 1.8 (201)**	4/90-4/94	1797 ccm	80 kW (109 PS)	89 / 4			1020531301			
ENG. M 102.922, 924, 962, 963, 964 (ITA), 965 (ITA)	**190 E 2.0 (201)** **190 2.0 (201)** **200 E (124)** **200 GE (Italy) (460/463)** **200 (124)**	10/82 →	1997 ccm	72-90 kW (98-122 PS)	89 / 4			1020531601 1020531801 1020531901			
						EX	PMER022	1020500027 1020500327	39,0x9,0x115,8	45	1
ENG. M 102.919 (POR)	**190 E 1.8 (201)**	4/92-8/93	1797 ccm	77 kW (105 PS)	89 / 4						
ENG. M 102.920, 939, 961	**190 E 2.0 (201)** **200 (123)**	6/80-6/93	2299 ccm	74-90 kW (100-122 PS)	89 / 4	IN	PMER021	1020500426 1020531301	43,0x8,0x114,9	45	1
ENG. M 102.942, 943, 959, 980, 981, 998	**230 E (123)** **230 GE (460/461)** **O 309 2.3** **Series 208/210/308/310 2.3** **Series 408/409/410 2.3**	4/80-9/95	2299 ccm	70-100 kW (95-136 PS)	95,5 / 4			1020531601 1020531801 1020531901			
						IN	PMER028	1020500526 1020530801 1020531501 1020531701 1020500326	46,0x8,0x114,9	45	1
						EX	PMER022	1020500027 1020500327	39,0x9,0x115,8	45	1
ENG. M 102.945	**Series 208/210 2.3**	1/89-6/95	2299 ccm	70-100 kW (95-136 PS)	95,5 / 4	IN	PMER028	1020500526	46,0x8,0x114,9	45	1
	Series 308/310 2.3	1/89-6/95						1020530801			
	Series 410 2.3	1/89-12/95						1020531701			
ENG. M 102.946		9/83-2/01	2299 ccm	70-100 kW (95-136 PS)	95,5 / 4			1020531501			
ENG. M 102.958	**230 G (461)**	4/92-9/95	2299 ccm	70-100 kW (95-136 PS)	95,5 / 4			1020500326			
ENG. M 102.958	**230 G (461)**	4/92-9/95	2299 ccm	70-100 kW (95-136 PS)	95,5 / 4	EX	PMER022	1020500027	39,0x9,0x115,8	45	1
ENG. M 102.982	**230 E (124)**	12/84-8/92	2299 ccm	70-100 kW (95-136 PS)	95,5 / 4			1020500327			



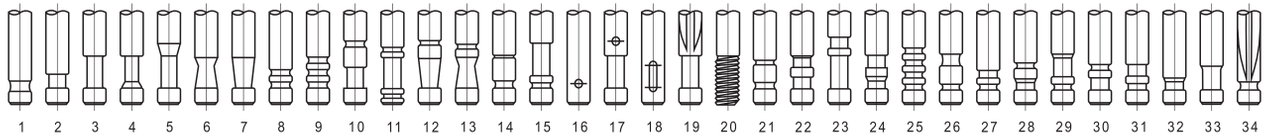
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES BENZYNA											
ENG. M 102.985	**190 2.3 (201)**	9/83-8/93	2299 ccm	70-100 kW (95-136 PS)	95,5 / 4	IN	PMER028	1020500526	46,0x8,0x114,9	45	1
ENG. M 102.987	**230 GE (460)**	3/86-7/93	2299 ccm	70-100 kW (95-136 PS)	95,5 / 4			1020530801			
ENG. M 102.989	**G 230 (463)**	8/93-10/94	2299 ccm	70-100 kW (95-136 PS)	95,5 / 4			1020531701			
	230 GE (463)	9/89-7/93						1020531501			
ENG. M 102.979, 996, 997 (SUI)	**230 GE (461)**	4/92-9/85	2299 ccm	70-100 kW (95-136 PS)	95,5 / 4			1020500326			
						EX	PMER022	1020500027	39,0x9,0x115,8	45	1
								1020500327			
ENG. M 104.941 - 945	**C 280 (202)**	9/92-9/98	2799 ccm	142-150 kW (193-204 PS)	89,9 / 6	IN	PMER029	1040531201	35,0x7,0x101,5	45	1
	E 280 (124/210)							1040531401			
	S 280 (140)							1110531101			
	SL 280 (129)							1110532101			
	280 E (124)							1110532301			
	300 SE 2.8 (124/126/140)							1110532401			
								1110530023			
ENG. M 104.991,992, 994 - 996	**E 320 (124/210)**	3/91 →	3199 ccm	155-170 kW (211-231 PS)	89,9 / 6	EX	PMER030	1110501227	31,0x7,0x103,5	45	1
	G 320 (460/463)							1110501427			
	S 320/S 320 3.2 (140)										
	SL 320 (129)										
	300 E 3.2/320 E (124)										
ENG. M 111.940, 941	**C 200 (202)**	6/91-2/01	1998 ccm	100 kW (136 PS)	89,9 / 4						
	E 200/200 E (124)										
ENG. M 111.960, 961	**C 220 (202)**	9/92-6/98	2199 ccm	110 kW (150 PS)	89,9 / 4						
	E 220/220 E (124)										
ENG. M 111.945, 946, 950	**C 200 (202)**	1/94 →	1998 ccm	95-100 kW (129-136 PS)	89,9 / 4						
	CLK 200 (208)										
	SLK 200 (170)										
	V 200 (638)										
	Viano 200 (Italy)										



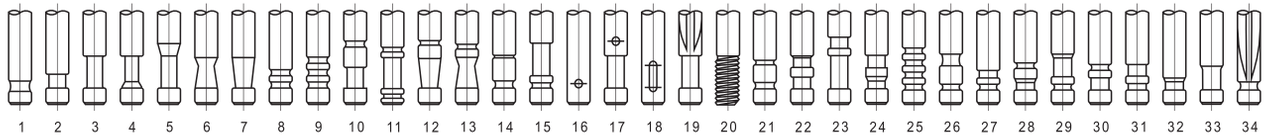
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES BENZYNA											
ENG. M 111.980, 984	**Sprinter 214/314/414 2.3** **V 230 (638)** **Viano 230 (Italy)** **Vito 114**	11/95 →	2295 ccm	105 kW (143 PS)	90,9 / 4	IN	PMER029	1040531201 1040531401 1110531101 1110532101	35,0x7,0x101,5	45	1
ENG. M 111.973 (JPN)	**SLK 230 Kompressor (170)**	9/96-1/00	2295 ccm	142 kW (193 PS)	90,9 / 4			1110532301			
ENG. M 111.981 - 983	**C 230 Kompressor (203)** **CLK 230 Kompressor (208)** **SLK 230 Kompressor (170)**	2/00-3/04	2295 ccm	145 kW (197 PS)	90,9 / 4			1110532401 1110530023			
						EX	PMER030	1110501227	31,0x7,0x103,5	45	1
ENG. M 161.971	**MB 100 2.3**	11/96 →	2295 ccm	105-110 kW (143-150 PS)	90,9 / 4			1110501427			
ENG. M 120.980	**S 600 (140)** **600 SE (140)**	6/93-9/95 4/91-5/93	5987 ccm	290 kW (394 PS)	89 / 12	IN	PMER029	1040531201 1040531401	35,0x7,0x101,5	45	1
ENG. M 120.981	**SL 600 (129)** **600 SL (129)**	7/93-9/95 7/93-9/95	5987 ccm	290 kW (394 PS)	89 / 12			1110531101 1110532101			
ENG. M 120.982	**S 600 (140)**	4/91-9/98	5987 ccm	290 kW (394 PS)	89 / 12			1110532301			
ENG. M 120.983	**SL 600 (129)**	9/95-8/01	5987 ccm	290 kW (394 PS)	89 / 12			1110532401			
ENG. M 104.990	**S 320 (140)** **300 SE 3.2 (140)**	3/93-9/98 3/91-5/93	3199 ccm	170 kW (231 PS)	89,9 / 6			1110530023			
						EX	PMER030	1110501227 1110501427	31,0x7,0x103,5	45	1
						EX	PMER041	1040501027 1040501727	31,0x8,0x103,5	45	1
ENG. M 104.981	**300 SL-24 (129)**	3/89-6/93	2960 ccm	170 kW (231 PS)	88,5 / 6	IN	PMER029	1040531201	35,0x7,0x101,5	45	1
ENG. M 104.980	**300 E (124)** **300 E-24 (124)**	9/89-6/93 9/89-6/93	2960 ccm	170 kW (231 PS)	88,5 / 6			1040531401 1110531101 1110532101 1110532301 1110532401 1110530023			
						EX	PMER041	1040501027 1040501727	31,0x8,0x103,5	45	1



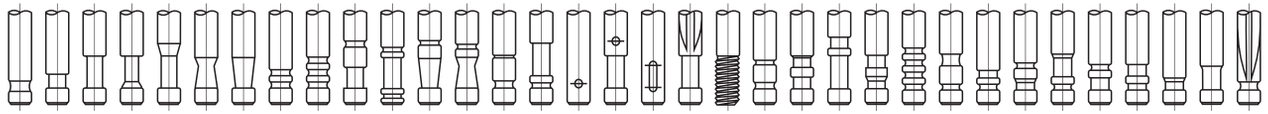
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES BENZYNA											
ENG. M 103.980/.983	**300 E (124)**	1/85-8/92	2962 ccm	126-140 kW (171-190 PS)	88,5 / 6	IN	PMER035	1030532001	43,0x8,0x110,2	45	1
ENG. M 103.981	**300 SE (126)**	9/85-6/93	2962 ccm	126-140 kW (171-190 PS)	88,5 / 6			1030531301			
ENG. M 103.982	**300 SL (107)**	9/85-9/89	2962 ccm	126-140 kW (171-190 PS)	88,5 / 6			1030530401			
ENG. M 103.984	**300 SL (129)**	3/89-6/93	2962 ccm	126-140 kW (171-190 PS)	88,5 / 6	EX	PMER036	1030501727	39,0x9,0x110,9	45	1
ENG. M 103.985	**E 300 (124)**	7/93-6/95	2962 ccm	126-140 kW (171-190 PS)	88,5 / 6			1030500527			
	300 E (124)	9/86-6/93						1030500127			
ENG. M 103.987	**G 300 (463)**	8/93-10/94	2962 ccm	126-140 kW (171-190 PS)	88,5 / 6						
	300 GE (463)	9/89-10/94									
ENG. M 166.940	**A 140 (168)**	10/97-8/04	1397 ccm	60 kW (82 PS)	80 / 4	IN	PMER042	1660530101	40,0x6,0x103,0	45	1
ENG. M 166.960	**A 140 (168)**	1/01-8/04	1598 ccm	60-75 kW (82-102 PS)	80 / 4	EX	PMER043	1660500327	34,0x7,0x102,7	45	1
	A 160 (168)	10/97-8/04									
ENG. M 166.961	**Vaneo 1.6**	2/02-8/05	1598 ccm	60-75 kW (82-102 PS)	80 / 4						
ENG. M 102.921/.938	**190 (201)**	0/82-10/84	1996 ccm	63-77 kW (86-105 PS)	89 / 4	IN	PMER044	1020530601	40,0x8,0x114,9	45	1
						EX	PMER045	1020500127	36,0x9,0x115,8	45	1
								1020500427			
ENG. M 180.945/.949	**230 (110)**	8/65-12/67	2292 ccm	77-88 kW (105-120 PS)	81,75 / 6	IN	PMER046	1080530001	41,2x9,0x128,0	45	1
ENG. M 180.947	**220 B (111)**	8/59-8/65	2292 ccm	77-88 kW (105-120 PS)	81,75 / 6			1230530101			
	230 S (111)	8/65-12/67						1230530001			
ENG. M 108.920/.924	**250 S (108)**	1/66-12/69	2496 ccm	85-96 kW (115-130 PS)	82 / 6			1300530001			
ENG. M 111/1A	**230 SL (113)**	66-12/67	2294 ccm	77 kW (105 PS)	82 / 6			1300530101			
ENG. M 111/1A	**230 SL (113)**	66-12/67	2294 ccm	77 kW (105 PS)	82 / 6	EX	PMER047	1150500027	37,1x11,0x113,2	45	1
ENG. M 114.920/.923	**250 (114)**	1/68-8/72	2496 ccm	85-110 kW (115-150 PS)	82 / 6			1150530105			
ENG. M 114.980/.981	**250 CE (114)**	4/69-4/72	2496 ccm	85-110 kW (115-150 PS)	82 / 6			1290530105			
ENG. M 127.945/.949	**230 SL (113)**	64-12/67	2307 ccm	110-111 kW (150 PS)	82 / 6			1300530105			
ENG. M 129.980	**220 S (111)**	1/61-12/65	2496 ccm	110 kW (150 PS)	82 / 6						
	250 S (108)	1/66-12/67									



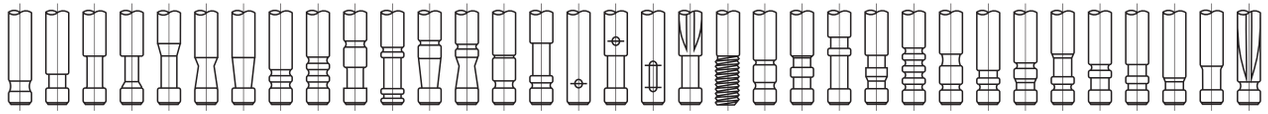
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES BENZYNA											
ENG. M 129.981	**220 S (111)**	1/61-12/65	2496 ccm	110 kW (150 PS)	82 / 6	IN	PMER046	1080530001	41,2x9,0x128,0	45	1
	250 SE (111)	1/65-12/67						1230530101			
ENG. M 129.982	**250 SL (113)**	1/66-12/68	2496 ccm	110 kW (150 PS)	82 / 6			1230530001			
ENG. M 180.950	**230 (110)**	8/65-12/67	2306 ccm	78-88 kW (106-120 PS)	82 / 6			1300530001			
ENG. M 180.951	**230 S (111)**	8/65-12/67	2306 ccm	78-88 kW (106-120 PS)	82 / 6			1300530101			
ENG. M 180.954/.955	**230.6 (114)**	1/68-11/76	2306 ccm	78-88 kW (106-120 PS)	82 / 6	EX	PMER047	1150500027	37,1x11,0x113,2	45	1
ENG. M 123.920/.921	**250 (123)**	2/76-7/85	2525 ccm	95-103 kW (129-140 PS)	86 / 6			1150530105			
ENG. M 130.920/.921	**280 S (108)**	10/67-7/72	2778 ccm	87-125 kW (118-170 PS)	86,5 / 6			1290530105			
ENG. M 130.922	**280 (107)**	1/68-12/71	2778 ccm	87-125 kW (118-170 PS)	86,5 / 6			1300530105			
ENG. M 130.923/.933	**250 2.8 (114)**	10/67-11/76	2778 ccm	87-125 kW (118-170 PS)	86,5 / 6						
ENG. M 130.980/.984	**280 SE (108)**	1/68-8/72	2778 ccm	87-125 kW (118-170 PS)	86,5 / 6						
	280 SE (111)	1/67-8/72									
ENG. M 130.983	**280 SL (113)**	1/68-3/71	2778 ccm	87-125 kW (118-170 PS)	86,5 / 6						
ENG. M 111.920	**C 180 (202)**	6/93-4/00	1799 ccm	86 kW (117 PS)	85,3 / 4	IN	PMER048	1110530301	33,0x7,0x101,5	45	9
ENG. M 111.921	**C 180 (202)**	9/95-2/01	1799 ccm	90 kW (122 PS)	85,3 / 4			1110530401			
						EX	PMER049	1110500627	29,0x7,0x103,5	45	9
ENG. M 121.922/.926/.929	**O 319 1.9**	55-8/65	1897 ccm	48-59 kW (65-80 PS)	85 / 4	IN	PMER050	1210530001	44,2x9,0x128,0	45	2
	Series 319 1.9	55-8/65				EX	PMER051	1210531505	37,2x10,0x112,7	45	2
	Series 407/408 1.9	55-8/65						1210530105			
ENG. M 121.924	**190 C (110)**	6/61-8/65	1897 ccm	48-59 kW (65-80 PS)	85 / 4						
ENG. M 127.980/.982-984	**220 S (111)**	7/58-12/65	2196 ccm	85-88 kW (115-120 PS)	80 / 6	IN	PMER052	1800530201	39,2x9,0x128,0	45	2
ENG. M 180.940	**220 B (111)**	5/59-8/65	2196 ccm	60-81 kW (82-110 PS)	80 / 6			1800530401			
	230 (111)	8/65-12/67				EX	PMER053	1800531505	35,2x10,0x112,6	45	2
ENG. M 180.941	**220 B (111)**	8/59-8/65	2196 ccm	85-88 kW (115-120 PS)	80 / 6			1800530805			
ENG. M 180.922/.926 929/.942/ /.943/.952-953/.958	**U 404**	55-65	2196 ccm	60-81 kW (82-110 PS)	80 / 6			1800531105			
ENG. M 127.981	**230 SL (113)**	3/63-1/67	2307 ccm	111 kW (150 PS)	82 / 6						



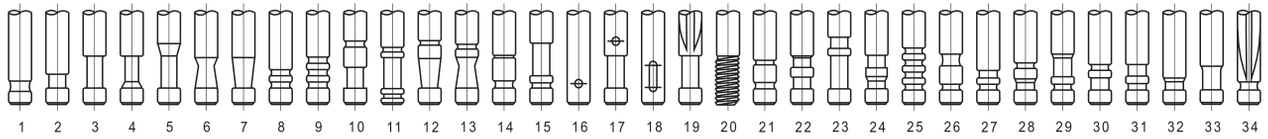
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES BENZYNA											
ENG. M 115.900/.932		71-8/73	2197 ccm	40-77 kW (54-105 PS)	87 / 4	IN	PMER060	1150530201	44,2x9,0x128,0	45	1
ENG. M 115.920/.924	**220 (115)**	1/68-7/73	2197 ccm	40-77 kW (54-105 PS)	87 / 4			1150530101			
ENG. M 115.921/.928	**O 309 2.2**	1/68-12/74	2197 ccm	40-77 kW (54-105 PS)	87 / 4			1210530401			
	Series 408/409/410 2.2	1/68-12/74				EX	PMER047	1150500027	37,1x11,0x113,2	45	1
ENG. M 115.927	**Series 408/409/410 2.2**	1/68-12/74	2197 ccm	40-77 kW (54-105 PS)	87 / 4			1150530105			
ENG. M 115.929	**Series 408 2.2**	1/68-12/74	2197 ccm	40-77 kW (54-105 PS)	87 / 4			1290530105			
ENG. M 115.923/.926	**200 (115)**	1/68-1/77	1988 ccm	62-70 kW (84-95 PS)	87 / 4			1300530105			
ENG. M 115.938/.939	**200 (123)**	2/76-8/80	1988 ccm	62-70 kW (84-95 PS)	87 / 4						
ENG. M 121.940	**200 (110)**	8/65-12/67	1988 ccm	50-70 kW (68-95 PS)	87 / 4						
ENG. M 121.941/.942	**O 309 2.0**	8/65-2/68	1988 ccm	50-70 kW (68-95 PS)	87 / 4						
	Series 319 2.0	8/65-2/68									
	Series 407/408 2.0	8/65-2/68									
ENG. M 121.943/.944	**O 309 2.0**	8/65-2/68	1988 ccm	50-70 kW (68-95 PS)	87 / 4						
	Series 406/408 2.0	8/65-2/68									
ENG. M 110.921./931	**280 (114)**	6/72-12/84	2746 ccm	115 kW (156 PS)	86 / 6	IN	PMER062	1100500726	45,2x9,0x115,0	45	1
ENG. M 110.922./932	**280 S (116)**	8/72-12/84	2746 ccm	105-136 kW (143-185 PS)	86 / 6	EX	PMER064	1170500027	39,1x9,0x118,1	45	1
ENG. M 110.923	**280 (123)**	2/76-8/81	2746 ccm	105-136 kW (143-185 PS)	86 / 6			1170500127			
ENG. M 110.981/.983	**280 E (114)/(116)**	6/72-11/76	2746 ccm	105-136 kW (143-185 PS)	86 / 6						
ENG. M 110.982	**280 SL (107)**	6/76-8/85	2746 ccm	105-136 kW (143-185 PS)	86 / 6						
ENG. M 110.985	**280 SE (116)**	10/76-7/80	2746 ccm	105-136 kW (143-185 PS)	86 / 6						
ENG. M 110.984	**280 E (123)**	2/76-11/85	2746 ccm	105-136 kW (143-185 PS)	86 / 6						
ENG. M 110.986/.990/.992	**280 SL (107)**	6/76-8/85	2746 ccm	105-136 kW (143-185 PS)	86 / 6						
	350 SL 2.8 (107)	6/76-8/85									
	450 SL 2.8 (107)	6/76-8/85									
ENG. M. 110.991	**230 E 2.8 (114)**	10/81-12/84	2746 ccm	115-136 kW (156-185 PS)	86 / 6						
	250 C 2.8 (114)	10/81-12/84									
	280 E (114)	10/81-12/84									



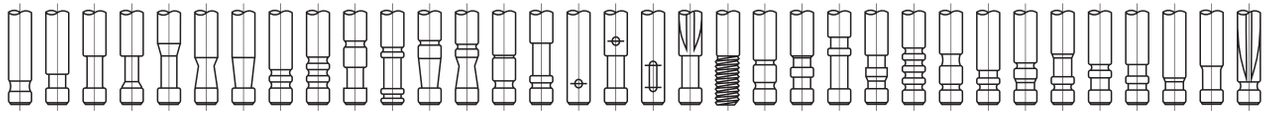
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES BENZYNA											
ENG. M 110.924/.926	**280 S (126)**	12/79-7/85	2746 ccm	115-136 kW (156-185 PS)	86 / 6	IN	PMER062	1100500726	45,2x9,0x115,0	45	1
ENG. M 110.987/.989	**280 SE (126)**	10/79-7/85	2746 ccm	115-136 kW (156-185 PS)	86 / 6	EX	PMER064	1170500027	39,1x9,0x118,1	45	1
	380 SE 2.8 (126)	10/79-12/85						1170500127			
ENG. M 110.988	**280 E (123)**	2/76-11/85	2746 ccm	115-136 kW (156-185 PS)	86 / 6						
ENG. M 110.994	**280 GE (460)/(461)**	11/79-8/89	2746 ccm	115-136 kW (156-185 PS)	86 / 6						
ENG. M 166.990	**A 190 (168)**	6/99-8/04	1898 ccm	92 kW (125 PS)	84 / 4	IN	PMER086	1660530201	43,0x6,0x103,0	45	1
ENG. M 166.991	**Vaneo 1.9**	2/02-8/05	1898 ccm	92 kW (125 PS)	84 / 4	EX	PMER087	1660500427	36,0x7,0x102,7	45	1
ENG. M 166.995	**A 210 Evolution (168)**	3/02-8/04	2084 ccm	103 kW (140 PS)	84 / 4						
ENG. M 111.920/.921	**C 180 (202)**	3/93-5/00	1799 ccm	89-90 kW (121-122 PS)	85,3 / 4	IN	PMER088	1110531201	33,0x7,0x101,5	45	1
	C 180 T (202) kombi	6/96-9/00						1110532201			
								1110532501			
						EX	PMER097	1110501327	29,0x7,0x103,5	45	1
ENG. M 271.921	**C 160 Kompressor (203)**	6/05-2/08	1796 ccm	90-141 kW (122-192 PS)	82 / 4	IN	PMER091	2710530001	30,5x7,0x105,4	45	1
	CLC 160 Kompressor (203)					EX	PMER092	2710500027	27,0x7,0x109,3	45	1
ENG. M 271.940	**C 200 Kompressor (203)**	9/02-8/07	1796 ccm	90-141 kW (122-192 PS)	82 / 4			2710500427			
	CLC 180 Kompressor (203)	3/08 →									
	CLK 200 Kompressor	5/02-8/04									
ENG. M 271.941	**E 180 Kompressor (211)**	1/03 →	1796 ccm	90-141 kW (122-192 PS)							
	CLK 200 CGI Kompressor (209)	9/02-8/07									
	E 200 Kompressor	3/02-3/06									
ENG. M 271.942	**C 200 CGI Kompressor (203)**	5/02-8/04	1796 ccm	90-141 kW (122-192 PS)	82 / 4						
	CLK 200 CGI Kompressor (209)										
ENG. M 271.944	**SLK 200 Kompressor**	4/04-11/07	1796 ccm	90-141 kW (122-192 PS)	82 /4						



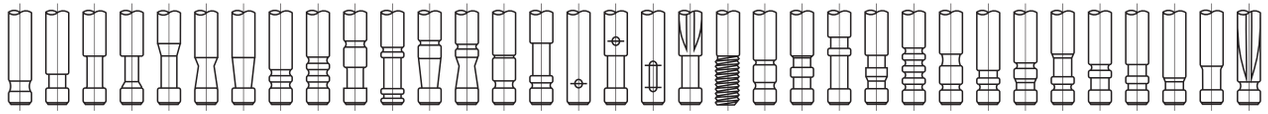
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES BENZYNA											
ENG. M 271.946	**C 180 Kompressor (203)**	9/02-2/08	1796 ccm	90-141 kW (122-192 PS)	82 / 4	IN	PMER091	2710530001	30,5x7,0x105,4	45	1
	CLC 180 Kompressor (203)	3/08 →				EX	PMER092	2710500027	27,0x7,0x109,3	45	1
ENG. M 271.948	**C 230 1.8 Kompressor (203)**	2/04-5/05	1796 ccm	90-141 kW (122-192 PS)	82 / 4			2710500427			
ENG. M 271.956	**E 200 Kompressor (211)**	6/06 →	1796 ccm	90-141 kW (122-192 PS)	82 / 4						
ENG. M 104.900	**V 280 (638)**	04/96-9/03	2792 ccm	128 kW (174 PS)	81 / 6	IN	PMER100	021109601E 021109601H 021109601J 021109601K 021109601L 95WW6507AA 1004128 1072283 1031317	39,0x7,0x106,0	45	9
						EX	PMER101	021109611D 021109611F 021109611G 95VW6505AA 1031316 1004127	34,3x7,0x107,0	45	9



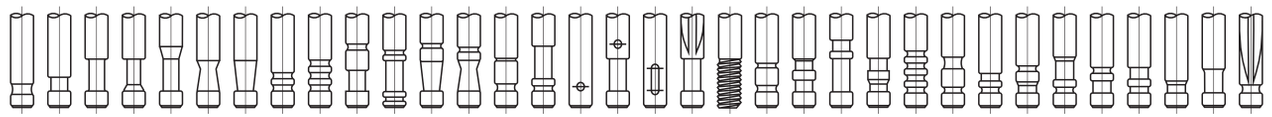
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES DIESEL											
	290 GD Turbo (461)					IN	PMER003	6010531201	39,8x10,0x131,5	30	20
ENG. OM 602.981, 989 Euro 2	**U 90/U 100 turbo**	7/96 →	2874 ccm	80-90 kW (109-122 PS)	89 / 5			6010531501			
	Series UX 100							6010531701			
ENG. OM 602.986	**Sprinter 210/310/410 D 2.9**	2/95-3/00	2874 ccm	90 kW (122 PS)	89 / 5	EX	PMER004	6010500227	35,0x9,0x106,4	45	1
								6010500527			
ENG. OM 601.970	**V 230 TD (638)**	11/95 →	2299 ccm	72 kW (98 PS)	89 / 4			6010501227			
	Viano 110 D 2.3							6010501927			
	Vito 110 D							6010502127			
ENG. OM 661.911	**MB 100 2.3 D**	1/96 →	2299 ccm	58 kW (79 PS)	89 / 4			6010502327			
ENG. OM 662.911	**MB 100 2.9 D**	1/96 →	2874 ccm	70 kW (95 PS)	89 / 5			6010502527			
								6010502827			
								6010503027			
ENG. OM 616.910	**O 309 D 2.4**	1/75-8/82	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4	IN	PMER005	6160530301	39,8x10,0x131,5	30	20
	Series 406/407 D 2.4	1/75-12/88						6160530401			
ENG. OM 616.911	**240 D (115)**	→ 1/77	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4	IN	PMER075	6160530201	39,8x10,0x131,5	30	20
	U 52/U 60	1/77-5/88				EX	PMER006	6160500027	34,2x10,0x131,0	30	20
	U 421/ U 600	1/77-5/88						6160500127			
	Series 207/307 D 2.4	→ 1/89						6160500527			
ENG. OM 616.912	**240 D (115)**	→ 1/77	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4			6170500027			
	240 D (123)	2/76-11/85									
	U 421/U 600	→ 02/01									
	Series 207/307 D 2.4	→ 1/89									
ENG. OM 616.913	**Series 407 D 2.4**	7/81-1/89	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
ENG. OM 616.914	**Series 507 D 2.4**	4/86-4/89	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
ENG. OM 616.916	**240 D (USA) (115)**	1/74-9/76	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						



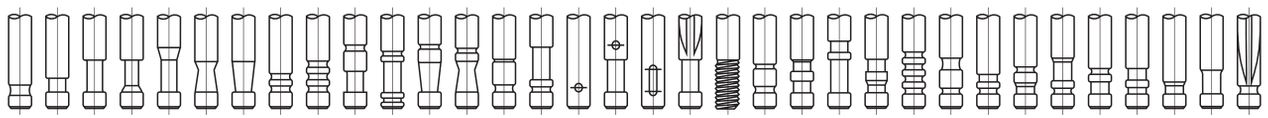
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES DIESEL											
	240 D (115)	7/73-1/77				IN	PMER005	6160530301	39,8x10,0x131,5	30	20
	U 421/ U 600	→ 02/01						6160530401			
	Series 207/307 D 2.4	→ 1/89				IN	PMER075	6160530201	39,8x10,0x131,5	30	20
ENG. OM 616.917	**Series 207 D 2.4**	5/77-8/82	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4	EX	PMER006	6160500027	34,2x10,0x131,0	30	20
ENG. OM 616.919/-000	**240 D (115)**	→ 1/77	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4			6160500127			
	U 421/ U 600	→ 02/01						6160500527			
	Series 207/307 D 2.4	→ 1/89						6170500027			
ENG. OM 616.932/933	**U 60/ U 600**	8/73-5/88	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
ENG. OM 616.934	**Series 207/307 D 2.4**	5/77-8/82	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
	Series 308 D 2.4	5/77-8/82									
ENG. OM 616.934	**Series 207/307 D 2.4**	5/77-8/82	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
	Series 308 D 2.4	5/77-8/82									
ENG. OM 616.936	**240 GD (460)**	3/79-8/87	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
ENG. OM 616.937/939	**O 309 D 2.4**	9/82-2/89	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
	Series 207/307 D 2.4	9/82-1/89									
	Series 308 D 2.4	→ 8/82									
	Series 407 D 2.4	8/81-1/89									
ENG. OM 616.938	**240 GD (460)**	9/78-8/87	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
	240 GD (461)	9/78 →									
ENG. OM 616.940	**240 GD (461)**	9/78 →	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
ENG. OM 616.942	**U 600**	5/88-2/01	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
ENG. OM 616.943/944	**U 600/U 650**	5/88-2/01	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
ENG. OM 616.960 (ESP)	**O 309 D 2.4**	12/80-6/89	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4						
	Series 406/407 D 2.4	12/80-6/89									



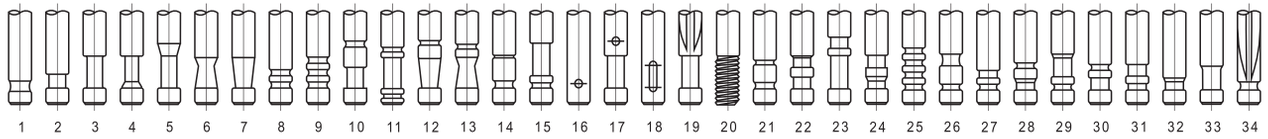
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES DIESEL											
ENG. OM 616.961 (ESP)	**MB 130/140/150/ 170/180 2.4 D**	12/80-12/86	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4	IN	PMER005	6160530301 6160530401	39,8x10,0x131,5	30	20
	MB-Trac 130/140/170/180	12/80-12/86				IN	PMER075	6160530201	39,8x10,0x131,5	30	20
						EX	PMER006	6160500027	34,2x10,0x131,0	30	20
ENG. OM 616.963	**MB 100/120/140/ 160/180 2.4 D**	10/83-1/96	2399 ccm	35-56 kW (48-76 PS)	90,9 / 4			6160500127 6160500527			
	MB-Trac 100/120/ 140/150/160/180	12/80-12/94						6170500027			
ENG. OM 617.910	**240 D 3.0 (115)** **300 D (115)**	8/74-11/76 8/73-1/77	2998 ccm	39-65 kW (53-88 PS)	90,9 / 5						
ENG. OM 617.912	**300 D (123)**	2/76-11/85	2998 ccm	39-65 kW (53-88 PS)	90,9 / 5						
ENG. OM 617.913	**Series 209/210 D 3.0** **Series 309/409 D 3.0**	9/82-1/89 4/82-1/89	2998 ccm	39-65 kW (53-88 PS)	90,9 / 5						
ENG. OM 617.931/932/933	**300 GD (460)/(461)**	12/79-8/90	2998 ccm	39-65 kW (53-88 PS)	90,9 / 5						
ENG. OM 617.950	**300 SD T(USA) (116)**	2/78-8/80	2998 ccm	85-92 kW (116-125 PS)	90,9 / 5						
ENG. OM 617.951	**300 SD T (USA) (126)**	8/80-10/85	2998 ccm	85-92 kW (116-125 PS)	90,9 / 5						
ENG. OM 617.952	**300 D Turbo (123)**	10/80-11/85	2998 ccm	85-92 kW (116-125 PS)	90,9 / 5						
ENG. OM 343.920			3780 ccm	70 kW (95 PS)	97 / 4	IN	PMER007	3520530001	44,0x9,0x140,5	45	2
ENG. OM 314.916, 953		4/66-12/76	3780 ccm	40-59 kW (54-80 PS)	97 / 4			3520530101			
ENG. OM 343.934		→ 12/89	3780 ccm	63 kW (85 PS)	97 / 4			3520500026			
ENG. OM 352.901-912, 914, 915, 917, 919, 930-936, 938, 939, 942-945, 948, 953-967, 969-976, 978-987, 989-993, 996-999		64 →	5675 ccm	48-96 kW (65-130 PS)	97 / 6			3520500126			
						IN	PMER017	3660500226 3660500326	44,0x9,0x140,5	30	2
						EX	PMER008	3520531505	36,0x10,0x140,5	45	2
ENG. OM 353.900-905, 915-917, 940-946, 949, 957, 960-966, 968, 969, 980-984		64 →	5675 ccm	62-96 kW (84-131 PS)	97 / 6	EX	PMER018	3660500227 3660500027 3210530905	36,0x10,0x140,5	45	2
ENG. OM 314.900, 910, 914, 917-920, 940-951, 954, 959, 961-965, 967		1/64-12/92	3780 ccm	39-66 kW (53-90 PS)	97 / 4			3660500127 3660500527 3660500627			
ENG. OM 340.930, 932		→ 2/89	3780 ccm	62-63 kW (85-86 PS)	97 / 4			3760500027			
ENG. OM 343.910, 932			3780 ccm	62-63 kW (85 PS)	97 / 4			3760500127			



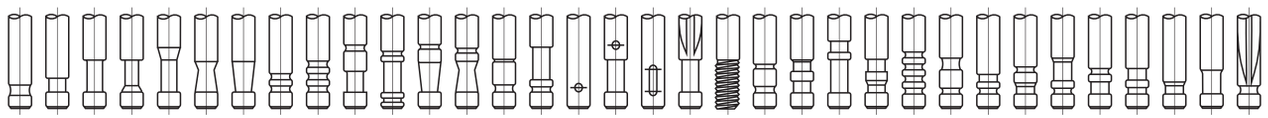
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES DIESEL											
ENG. OM 327.910, 914 - 919, 930 - 946	**O 302** **Series 1113/1216/ 1313/1317** **Series 1416/1417/1517**	65-5/69	7980 ccm	110-125 kW (150-170 PS)	115 / 6	IN	PMER009	3270530701 3600500326	54,0x10,0x150,0	45	2
						EX	PMER010	3270530705 3600500127	43,0x10,0x150,0	45	2
ENG. OM 360.910, 914 - 915, 916 (TUR), 917 - 918, 930 - 931, 933, 935 - 944, 946, 948 - 952, 960 - 973, 975, 979 - 981 (TUR), 983	**O 302** **Series 1113/1216/ 1313/1317** **Series 1413/1417/ 1517/1519/1617** **Series 1817/1819**	68 →	8725 ccm	81-141 kW (110-192 PS)	115 / 6			3600500227			
ENG. OM 360.984 - 986 (TUR)	**O 302**	9/80 →	8725 ccm	141-154 kW (192-210 PS)	115 / 6						
ENG. OM 360.911 - 912, 934, 947, 954 - 956, 959, 974, 976 - 978	**O 305**	68-77	8725 ccm	125-141 kW (170-192 PS)	115 / 6						
ENG. OM 360.982	**Series 1612**	6/78 →	8725 ccm	154 kW (210 PS)	115 / 6						
ENG. OM 346.910-919, 940-947, 952-953	**O 317** **Series 326/329/331/332** **Series 333/334/1418/1518** **Series 1618/1619/1620/1623** **Series 1918/1920/1923/2020** **Series 2023/2220/2420/2620**	61 →	10809 ccm	136-155 kW (185-210 PS)	128 / 6	IN	PMER011	3450537101 3460530001 3460530101 3460530301	42,0x9,0x129,8	45	2
						EX	PMER012	3550500127 3450537105 3460530005 3460530105 3460530205	37,0x9,0x165,3	45	2



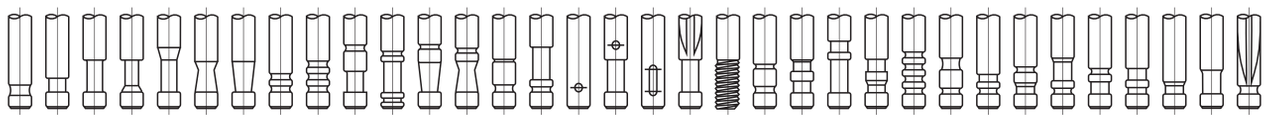
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES DIESEL											
ENG. OM 345.914-001, 914-002, 914-003, 914-004, 914-005 (BRA)			11581 ccm	103-135 kW (140-185 PS)	128 / 6	IN	PMER011	3450537101 3460530001 3460530101 3460530301	42,0x9,0x129,8	45	2
ENG. OM 355.960-964, 966-967, 970, 972-976, 979-980 (ITA), 981-982 (SUI)	**O 302/317** **Series 1624/1924/2024** **Series 2223/2224/2624**	9/67 →	11581 ccm	136-191 kW (185-260 PS)	128 / 6	EX	PMER012	3550500127 3450537105	37,0x9,0x165,3	45	2
ENG. OM 355.983-984	**Series 1624/1924/2624**	9/67-2/01	11581 ccm	176 kW (240 PS)	128 / 6			3460530005			
ENG. OM 345.910, 912, 932-933, 936-937 (BRA)		5/74 →	11581 ccm	137-177 kW (186-240 PS)	128 / 6			3460530105 3460530205			
ENG. OM 347.915, 942-943			9651 ccm	141-147 kW (192-200 PS)	128 / 5						
ENG. OM 355.976-001, 976-002, 976-003, 976-004, 976-007 (AFS)		→ 2/01	11581 ccm	177 kW (240 PS)	128 / 6						
ENG. OM 355. 975-005, 975-006 (AFS)		→ 2/01	11581 ccm	176 kW (240 PS)	128 / 6						
ENG. OM 355.978			11581 ccm	176 kW (240 PS)	128 / 6						
ENG. OM 346.951		61-67	10809 ccm		128 / 6	IN	PMER011	3450537101 3460530001 3460530101 3460530301	42,0x9,0x129,8	45	2
ENG. OM 355.914, 916	**Series 1923**	67-78	11581 ccm	169 kW (230 PS)	128 / 6						
ENG. OM 355.910-913, 915, 918	**Series 1624/1923/ 2220/2224/2624**	67 →	11581 ccm	169 kW (230 PS)	128 / 6	EX	PMER012	3550500127 3450537105 3460530005 3460530105 3460530205	37,0x9,0x165,3	45	2
						IN	PMER013	3550530001	42,0x9,0x130,6	30	2
						EX	PMER014	3550530005 3550500027	37,0x9,0x165,9	30	2



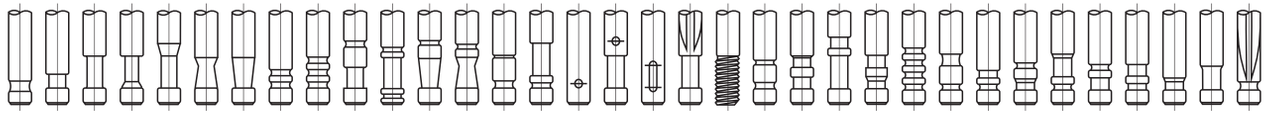
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES DIESEL											
ENG. OM 346.968, 969	**O 302 Series 1924/1928/1929**	11/78 →	11581 ccm	191-207 kW (260-280 PS)	128 / 6	IN	PMER011	3450537101 3460530001 3460530101	42,0x9,0x129,8	45	2
ENG. OM 355.977 (MEX)	**O 302**	1/74 →	11581 ccm	205 kW (275 PS)	128 / 6			3460530301			
						IN	PMER013	3550530001	42,0x9,0x130,6	30	2
						EX	PMER014	3550530005 3550500027	37,0x9,0x165,9	30	2
ENG. OM 401.912		10/74-6/83	9572 ccm	141 kW (192 PS)	125 / 6	IN	PMER015	4230500026	59,0x12,0x142,5 Odległość zamka - 7,70 [mm]	30	2
ENG. OM 401.917		4/72 →	9572 ccm	188 kW (256 PS)	125 / 6						
ENG. OM 402.905-907, 910-914, 916- 17, 919, 921, 923-928		4/72 →	12760 ccm	177-188 kW (240-256 PS)	125 / 8	EX	PMER016	4030500027 4030501027	51,0x12,0x142,5 Odległość zamka - 7,70 [mm]	45	2
ENG. OM 403.905-906, 915-919, 930-935		9/70 →	15960 ccm	184-261 kW (250-355 PS)	125 / 10			4230500427			
						IN	PMER026	4030530901	58,9x12,0x142,5 Odległość zamka - 2,75 [mm]	30	2
ENG. OM 407.901/-000, 913-920		11/76 →	11412 ccm	147-177 kW (200-240 PS)	125 / 6			4220500226			
ENG. OM 407.905, 907-911		4/73-12/86	11040 ccm	132-155 kW (180-210 PS)	125 / 6			4220500026			
ENG. OM 401.900-001, 900/-000, 905-909, 913-916, 918-919, 921-923, 925-928		4/72-6/87	9572 ccm	129-141 kW (175-192 PS)	125 / 6			4220500526 4220530101 4420500226			
ENG. OM 401.900-400 **ENG. OM 401.901-504** **Euro 1**		1/76-12/89 92 →	9572 ccm		125 / 6			4420500326 4420500526			
						EX	PMER027	4220500027	51,0x12,0x142,5 Odległość zamka - 2,75 [mm]	45	2
ENG. OM 401.924		9/73-1/87	10456 ccm	144 kW (196 PS)	125 / 6						
ENG. OM 402.900-001, 900-003, 900-004 **ENG. OM 402.900-400, 900/-000**		4/72-12/89	12760 ccm	147-188 kW (188-256 PS)	125 / 8	EX	PMER085	4220500127 4220500227 4420500127	51,0x12,0x142,5 Odległość zamka - 2,75 [mm]	45	2
ENG. OM 403.900-001, 900-002, 900/-000, 910-911/-000		4/72 →	15960 ccm	184 kW (250 PS)	125 / 10			4420500227 4420500327 4420500427			



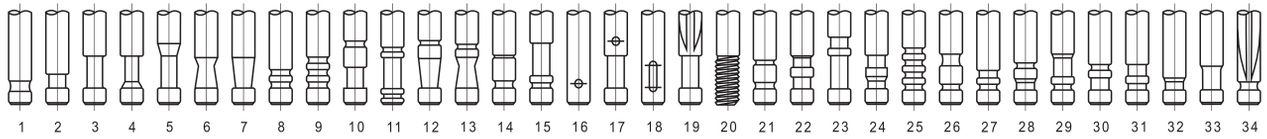
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES DIESEL											
ENG. OM 404.900/-000		1/73-12/89	19140 ccm		125 / 12	IN	PMER015	4230500026	59,0x12,0x142,5	30	2
ENG. OM 404.901/-000, 918		1/73-12/89	20911 ccm		125 / 12				Odległość zamka - 7,70 [mm]		
ENG. OM 404.901-400											
ENG. OM 407.900/-000		1/73-12/89	11040 ccm		125 / 6	EX	PMER016	4030500027	51,0x12,0x142,5	45	2
ENG. OM 407.901-400, 901-600		8/80-8/80	11412 ccm		125 / 6			4030501027 4230500427	Odległość zamka - 7,70 [mm]		
ENG. OM 407.901-500						IN	PMER026	4030530901	58,9x12,0x142,5	30	2
ENG. OM 407.951, 955		2/79-5/87	11412 ccm	206 kW (280 PS)	125 / 6			4220500226	Odległość zamka - 2,75 [mm]		
ENG. OM 407.952 (AFS), 953-954 (AFS), 956 (AFS)		10/79 →	11412 ccm	206-235 kW (280-320 PS)	125 / 6			4220500026 4220500526			
ENG. OM 409.901-000		1/85-12/89	9204 ccm		125 / 5			4220530101			
ENG. OM 401.970, 972-975, 977-981, 984-987, 989-991, 993-994 Euro 1		12/90 →	9572 ccm	180-230 kW (245-313 PS)	125 / 6			4420500226 4420500326 4420500526			
ENG. OM 401.976 Euro 1		6/92 →				EX	PMER027	4220500027	51,0x12,0x142,5	45	2
ENG. OM 401.901/-000			10456 ccm		125 / 6				Odległość zamka - 2,75 [mm]		
ENG. OM 402.901/-000			13941 ccm		125 / 8						
ENG. OM 402.901/-504 Euro 1			12760 ccm		125 / 8	EX	PMER085	4220500127 4220500227	51,0x12,0x142,5 Odległość zamka - 2,75 [mm]	45	2
ENG. OM 403.910-001, 910-002, 910-003, 910-004, 910-005, 910-006			15960 ccm	184-236 kW (250-320 PS)	125 / 10			4420500127 4420500227 4420500327			
ENG. OM 407.930-932 (AFS)			11412 ccm	162 kW (220 PS)	125 / 6			4420500427			
ENG. OM 409.906-908 (AFS)			9204 ccm	135 kW (183 PS)	125 / 5						



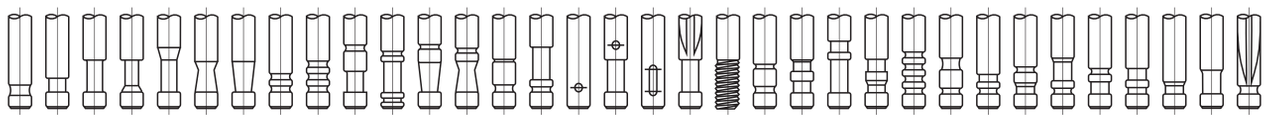
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES DIESEL											
ENG. OM 611.960-961	**C 200 CDI (202)**	3/98-2/01	2151 ccm	75-105 kW (102-143 PS)	88 / 4	IN	PMER019	6110530101	30,2x7,0x104,0	45	1
	C 220 CDI (202)	12/97-2/01						6110530401			
	E 200/220 CDI (210)	7/98-6/99						05073735AA			
ENG. OM 611.980	**V 200 CDI 2.2 (638)**	6/99-8/03	2151 ccm	60-90 kW (82-122 PS)	88 / 4	EX	PMER020	6110530105	28,3x7,0x104,4	45	1
	V 200 CDI (638)	6/99-8/03						6110500127			
	Vito 108/110/112 CDI	4/99 →						05073738AA			
ENG. OM 611.981 Euro 3	**Sprinter 211/213/311 CDI**	4/00 →	2151 ccm	60-95 kW (82-129 PS)	88 / 4						
	Sprinter 313/411/413 CDI	4/00 →									
ENG. OM 611.983 Euro 3	**Sprinter 311/313/411/413 CDI**		2151 ccm	60-95 kW (82-129 PS)	88 / 4						
ENG. OM 611.987 Euro 3	**Sprinter 208/308/408 CDI**	4/00 →	2151 ccm	60-95 kW (82-129 PS)	88 / 4						
ENG. OM 612.961-963	**C 270 CDI (203)**	12/00-8/04	2687 ccm	115-125 kW (156-170 PS)	88 / 5						
	CLK 270 CDI (209)	6/02-6/05									
	E 270 CDI (210)	6/99-1/03									
	G 270 CDI (461)	11/99 →									
	ML 270 CDI (163)	11/99-6/05									
ENG. OM 612.965-967	**CLK 270 CDI (209)**	9/02-6/05	2687 ccm	115-125 kW (156-170 PS)	88 / 5						
	G 270 CDI (461)	9/01 →									
	G 270 CDI (463)	9/02-9/06									
ENG. OM 612.983 Euro 3	**Accelo 715 C**		2687 ccm	115 kW (156 PS)	88 / 5						
ENG. OM 612.990 AMG	**C 30 AMG CDI (203)**	9/02-8/04	2950 ccm	170 kW (231 PS)	88 / 5						
ENG. OM 613.960-961	**E 320 CDI (210)**	6/99-1/03	3222 ccm	145 kW (197 PS)	88 / 6						
	S 320 CDI (220)	6/99-8/02									
ENG. OM 612.981 Euro 3	**Sprinter 216/316/416 CDI**	4/00 →	2686 ccm	110 kW (150 PS)	88 / 5						
	Sprinter 616 CDI	2/01 →									
ENG. OM 611.962	**C 200 CDI (203)**	10/00-2/03	2151 ccm	185-105 kW (116-143 PS)	88 / 4						
	C 220 CDI (203)	5/00-2/03									



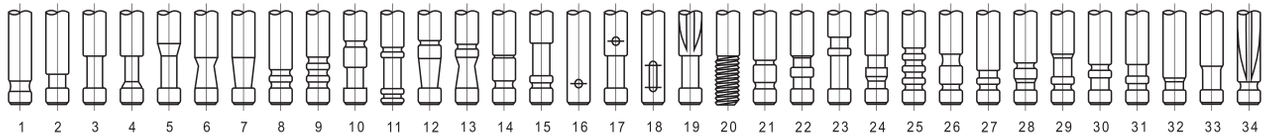
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES DIESEL											
ENG. OM 440.971, 975-976 Euro 1		7/75 →	14618 ccm	370 kW (503 PS)	128 / 8	IN	PMER026	4030530901 4220500226	58,9x12,0x142,5 Odległość zamka - 2,75 [mm]	30	2
ENG. OM 442.993-994 Euro 0		12/88-7/92	14618 ccm	362 kW (492 PS)	128 / 8			4220500026 4220500526			
ENG. OM 442.900/-000		12/87 →	15080 ccm		130 / 8			4220530101 4420500226 4420500326 4420500526			
						EX	PMER027	4220500027	51,0x12,0x142,5 Odległość zamka - 2,75 [mm]	45	2
						EX	PMER085	4220500127 4220500227 4420500127 4420500227 4420500327 4420500427	51,0x12,0x142,5 Odległość zamka - 2,75 [mm]	45	2
							PMER082	4420500391 4020500091 4420160291 4420160391	17,0x8,0x90,3 Zawór dekompresyjny	45	1
							PMER083	4420500191 4420160191	17,0x8,0x84,0 Zawór dekompresyjny	45	1



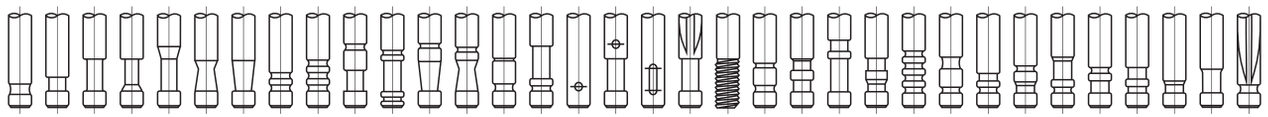
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES DIESEL											
ENG. OM 447.915-916		1/91 →	11970 ccm	185 kW (252 PS)	128 / 6	IN	PMER026	4030530901	58,9x12,0x142,5	30	2
ENG. OM 447.905-908, 910-912		1/85 →	11970 ccm	150-184 kW (204-250 PS)	128 / 6			4220500226	Odległość zamka - 2,75 [mm]		
ENG. OM 447.913-914 Euro 1		11/91-5/98			128 / 6			4220500026			
								4220500526			
ENG. OM 441.950, 953, 955 Euro 0		12/87-9/92	10965 ccm	200 kW (272 PS)	128 / 6			4220530101			
								4420500226			
ENG. OM 441.901-400 901-500, 901-504, 901-505, 901-507, 901-520		3/91 →	10965 ccm		128 / 6			4420500326			
								4420500526			
						EX	PMER027	4220500027	51,0x12,0x142,5	45	2
ENG. OM 447.901-204 Euro 1		92 →	11970 ccm		128 / 6				Odległość zamka - 2,75 [mm]		
ENG. OM 447.900/-000, 901/-200						EX	PMER085	4220500127	51,0x12,0x142,5	45	v
ENG. OM 440.907 Euro 1		8/92 →	15080 ccm	195 kW (265 PS)	130 / 8			4220500227	Odległość zamka - 2,75 [mm]		
								4420500127			
ENG. OM 440.909-911								4420500227			
ENG. OM 441.900/-000, 905-909, 911-921, 923-927		8/82 →	11309 ccm	150-165 kW (204-224 PS)	130 / 6			4420500327			
								4420500427			
ENG. OM 441.922, 932-933 Euro 1		3/91-8/94									
ENG. OM 442.905-911, 914-930, 932-935, 939		3/87 →	15080 ccm	191-218 kW (260-296 PS)	130 / 8						
ENG. OM 442.931 Euro 1		9/91-1/92									
ENG. OM 443 900/-000, 905		88 →	18848 ccm	271 kW (369 PS)	130 / 10						
ENG. OM 442.900-004 Euro 1		92 →	15080 ccm		130 / 8						
ENG. OM 441.900-004 Euro 1		93 →	11309 ccm		130 / 6						



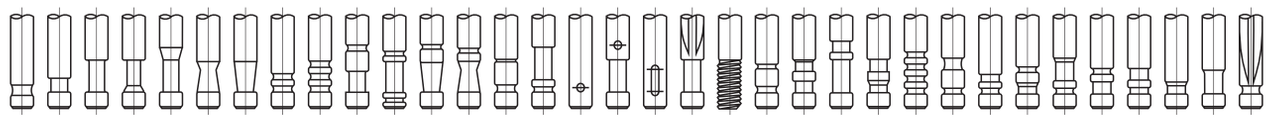
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES DIESEL											
ENG. OM 442.901-500, 901-520		3/91-12/03	14618 ccm		128 / 8	IN	PMER026	4030530901	58,9x12,0x142,5	30	2
ENG. OM 442.941-946, 950, 952, 954-955, 957-959 Euro 0		85 →	14618 ccm	260-269 kW (354-366 PS)	128 / 8			4220500226 4220500026 4220500526	Odległość zamka - 2,75 [mm]		
ENG. OM 442.951, 953 Euro 0		85-3/92	14618 ccm	320-329 kW (435-447 PS)	128 / 8			4220530101 4420500226			
ENG. OM 44.901			10965 ccm	250 kW (340 PS)	128 / 6			4420500326			
ENG. OM 442.901/-400		3/91-12/03	14618 ccm		128 / 8			4420500526			
ENG. OM 442.999 Euro 1		7/95 →	14618 ccm	370 kW (503 PS)	128 / 8	EX	PMER085	4220500127	51,0x12,0x142,5	45	2
ENG. OM 445.920-927, 929-931, 933-941 Euro 2			10965 ccm	180-250 kW (245-340 PS)	128 / 6			4220500227 4420500127	Odległość zamka - 2,75 [mm]		
ENG. OM 446.920, 922-936, 938-943, 945-946, 948 Euro 2		1/94 →	14618 ccm	280-390 kW (381-530 PS)	128 / 8			4420500227 4420500327 4420500427			
							PMER082	4420500391 4020500091 4420160291 4420160391	17,0x8,0x90,3 Zawór dekompresyjny	45	1



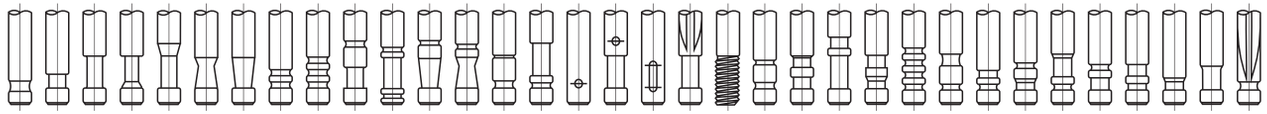
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES DIESEL											
ENG. OM 402.970-975, 977-978, 980-990, 995-996 Euro 1		10/90 →	12760 ccm	280-295 kW (381-401 PS)	125 / 8	IN	PMER026	4030530901 4220500226	58,9x12,0x142,5 Odległość zamka - 2,75 [mm]	30	2
ENG. OM 495.900-001 (AFS), 900-002 (AFS), 900-003 (AFS), 900-009 (AFS), 900-010 (AFS)			9204 ccm	135 kW (183 PS)	125 / 5			4220500026 4220500526 4220530101			
ENG. OM 496.900-001 (AFS), 900-002 (AFS), 900-003 (AFS), 900-023 (AFS), 900-026 (AFS), 900-027 (AFS), 900-030 (AFS), 900-031 (AFS), 900-034 (AFS), 900-035 (AFS), 900-201 (AFS)			11412 ccm	147-162 kW (200-220 PS)	125 / 6			4420500226 4420500326 4420500526			
						EX	PMER085	4220500127 4220500227	51,0x12,0x142,5 Odległość zamka - 2,75 [mm]	45	2
ENG. OM 496.900-401 (AFS), 900-402 (AFS), 900-425 (AFS), 900-426 (AFS), 900-429 (AFS), 900-430 (AFS), 900-431 (AFS), 900-501 (AFS)			11412 ccm	202-235 kW (275-320 PS)	125 / 6			4420500127 4420500227 4420500327 4420500427			
ENG. OM 481.902 (TUR)			10965 ccm	159 kW (216 PS)	128 / 6						
ENG. OM 482.930 (TUR) **ENG. OM 492.900-010, 900-013**		1/80 →	14618 ccm	206 kW (280 PS)	128 / 8						
ENG. OM 492.900-405 (AFS), 900-406 (AFS), 900-409 (AFS), 900-411 (AFS)		10/84 →	14618 ccm	221-243 kW (300-330 PS)	128 / 8						
ENG. OM 492.900-501 (AFS)		10/84 →	14618 ccm	276 kW (375 PS)	128 / 8						
ENG. OM 493.900-001 (AFS), 900-501 (AFS)		10/84 →	18273 ccm	261-368 kW (355-500 PS)	128 / 10						
ENG. OM 427.902-500			11970 ccm		128 / 6						
ENG. OM 440.940-942, 945, 948 Euro 1		7/91 →	14618 ccm	250-269 kW (340-366 PS)	128 / 8						



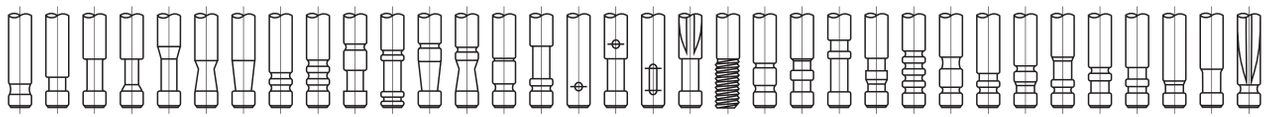
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
MERCEDES DIESEL											
ENG. OM 485.980 (BRA)		12/91 →	9973 ccm	221 kW (300 PS)	128 / 5	IN	PMER026	4030530901	58,9x12,0x142,5	30	2
ENG. OM 462.900-411 (AFS), 900-414 Euro 0 **ENG. OM 462.900-511 (AFS) Euro 0**		7/87 →	14618 ccm	269-329 kW (366-447 PS)	128 / 8			4220500226 4220500026 4220500526 4220530101	Odległość zamka - 2,75 [mm]		
ENG. OM 442.901-502		3/91-2/91	14618 ccm		128 / 8			4420500226			
ENG. OM 447.970-979, 988, 990-994, 996, 998-999 Euro 2		94 →	11970 ccm	157-220 kW (213-300 PS)	128 / 6			4420500326 4420500526			
						EX	PMER085	4220500127	51,0x12,0x142,5	45	2
ENG. OM 447.903 Euro 2		9/99-9/06	11970 ccm	184 kW (250 PS)	128 / 6			4220500227	Odległość zamka - 2,75 [mm]		
ENG. OM 427.902/-400, 903/-600 **ENG. OM 447.902-400, 902-500** **ENG. OM 447.903-707 Euro 2**			11970 ccm		128 / 6			4420500127 4420500227 4420500327			
ENG. OM 447.969-501 (USA), 969-502 (USA), 969-503 (USA)			11970 ccm	224-261 kW (300-350 PS)	128 / 6			4420500427			
ENG. OM 481.904 (TUR)			10965 ccm	159 kW (216 PS)	128 / 6						
ENG. OM 492.900-001 (AFS), 900-002 (AFS), 900-004 (AFS), 900-005, 900-007, 900-008, 900-009			14618 ccm	184-206 kW (250-280 PS)	128 / 8						
ENG. OM 668.914	**Vaneo 1.7 CDI**	2/02-8/05	1689 ccm	44-70 kW (60-95 PS)	80 / 4	IN	PMER031	6680530301	29,6x6,0x105,2	45	9
ENG. OM 668.940	**A 160 CDI (168)**	3/01-8/04	1689 ccm	44-70 kW (60-95 PS)	80 / 4			6680530801			
	A 170 CDI (168)	7/98-2/01				EX	PMER032	6680500227	24,6x7,0x105,0	45	9
ENG. OM 668.941	**A 160 CDI (168)**	9/98-2/01	1689 ccm	44-70 kW (60-95 PS)	80 / 4			6680500127			
ENG. OM 668.942	**A 170 CDI (168)**	3/01-8/04	1689 ccm	44-70 kW (60-95 PS)	80 / 4						



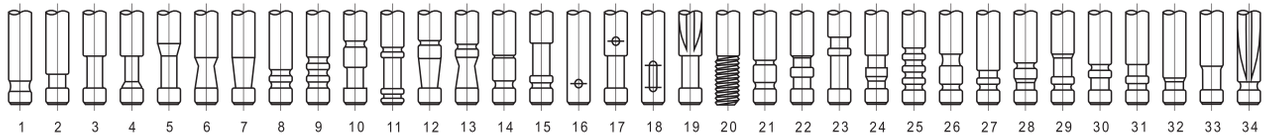
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES DIESEL											
ENG. OM 605.910	**C 250 D (202)**	7/93-8/95	2497 ccm	83 kW (113 PS)	87 / 5	IN	PMER033	6060530501	29,0x6,0x105,4	45	9
ENG. OM 605.911	**E 250 D (124)**	7/93-5/96	2497 ccm	83 kW (113 PS)	87 / 5			6060530601			
ENG. OM 605.912	**E 250 D (210)**	6/95-6/99	2497 ccm	83 kW (113 PS)	87 / 5			6060530701			
ENG. OM 604.915 (POR)	**C 200 D (202)**	9/96-6/99	1997 ccm	65-83 kW (88-113 PS)	87 / 4	IN	PMER037	6060531101	29,0x6,0x105,4	45	1
ENG. OM 604.917 (POR)	**E 200 D (210)**	3/97-6/99	1997 ccm	65-83 kW (88-113 PS)	87 / 4	EX	PMER038	6060530705	26,0x6,0x105,7	45	1
ENG. OM 606.910/912	**E 300 D (124/210)**	7/93-8/97	2996 ccm	100 kW (136 PS)	87 / 6			6060530605			
ENG. OM 606.961	**S 300 D Turbo (140)**	6/96-9/98	2996 ccm	130 kW (177 PS)	87 / 6	EX	PMER034	6060530305	26,0x6,0x105,7	45	9
ENG. OM 606.962	**E 300 D Turbo (210)**	9/97-6/99	2996 ccm	130 kW (177 PS)	87 / 6			6060500527			
ENG. OM 606.964	**G 300 D Turbo (463)**	9/96-12/00	2996 ccm	130 kW (177 PS)	87 / 6			6060530105			
ENG. OM 605.960	**C 250 D Turbo (202)**	9/95-2/01	2497 ccm	110 kW (150 PS)	87 / 5	EX	PMER039	6060501127	26,0x7,0x105,7	45	1
ENG. OM 605.962	**E 250 D Turbo (210)**	3/97-6/99	2497 ccm	110 kW (150 PS)	87 / 5			6060501427			
ENG. OM 604.910	**C 220 D (202)**	8/93-6/99	2155 ccm	70 kW (95 PS)	89 / 4						
ENG. OM 604.912	**E 220 D (210)**	6/95-6/99	2155 ccm	70 kW (95 PS)	89 / 4						
ENG. OM 628.960-963	**E 400 CDI (211)** **G 400 CDI (463)**	6/99 →	3996 ccm	184-191 kW (250-260 PS)	86 / 8	IN	PMER076	6280530001 6460530001	28,7x7,0x104,1	45	1
	ML 400 CDI (163) **S 400 CDI (220)**					EX	PMER077	6280530005	26,2x7,0x104,5	45	1
ENG. OM 629.910-912	**E 420 CDI (211)** **GL 420/ML 420 CDI (164)** **S 420 CDI (221)**	9/05 →	3996 ccm	223-235 kW (306-320 PS)	86 / 8						
ENG. OM 646.951/.961-963/.966	**C 200/220 CDI (203)** **CLC 200/220 CDI (203)** **CLK 220 CDI (209)** **E 200/220 CDI (211)**	3/02 →	2148 ccm	90-110 kW (122-150 PS)	88 / 4						



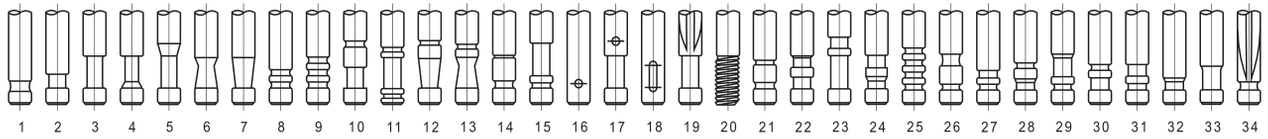
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
MERCEDES DIESEL											
ENG. OM 647.961/.981	**E 270 CDI (211)** **Sprinter 308/311/314 CDI** **Sprinter 408/411/ 413/414/416 CDI**	3/02 →	2685 ccm	130 kW (177 PS)	88 / 5	IN	PMER076	6280530001 6460530001	28,7x7,0x104,1	45	1
						EX	PMER077	6280530005	26,2x7,0x104,5	45	1
ENG. OM 646.811/.812/.820/ /.821/.992	**C 200/220 CDI (204)** **E 200/220 CDI (211)**	6/06 →		100-125 kW (136-170 PS)	88 / 4						
ENG. OM 648.960/.961	**E 280/320 CDI (211)** **S 320 CDI (220)**	9/02 →	3227 ccm	150 kW (204 PS)	88 / 6						
ENG. OM 646.980/.981	**Viano 200/220 CDI**	9/03 →	2151 ccm	80-110 kW (109-150 PS)	88 / 4						
ENG. OM 646.982-986/.989/ /.990	**Sprinter 215 CDI** **Sprinter 311/315/318 CDI** **Sprinter 509/511/515/518 CDI** **Viano 200/220 CDI** **Vito 109/111/115 CDI**	9/03 →	2151 ccm	65-110 kW (88-150 PS)	88 / 4						
ENG. OM 900.910			4250 ccm	128 kW (170 PS)	102 / 4	IN	PMER080	9060500326	34,0x8,0x128,8	20	1
ENG. OM 902.910-912, 919-922			6374 ccm	142-194 kW (190-260 PS)	102 / 6			9060500226			
ENG. OM 902.913-918, 923-927, 930-934, 936 Euro 4		2/06 →	6374 ccm	175-210 kW (238-286 PS)	102 / 6			9060500626			
						EX	PMER081	9060500327	38,0x8,0x152,6	45	1
ENG. OM 904.903-912, 918-925, 926 (USA), 929-931, 932 (MEX), 933 (USA), 934-935 (MEX), 937 (USA), 938, 939-940 (USA), 941, 943, 945, 948-949, 955, 956 (MEX), 957, 959, 962, 964-968, 970, 972-974, 976, 979 Euro 2		12/95 →	4250 ccm	75-142 kW (102-190 PS)	102 / 4			9060500627 9060500727			



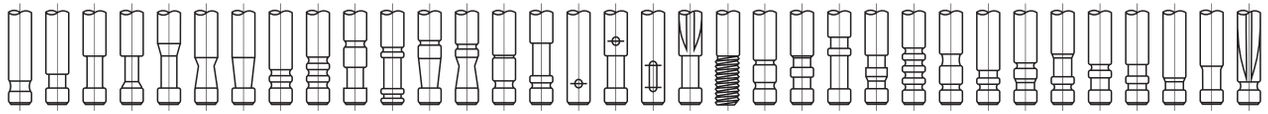
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES DIESEL											
ENG. OM 904.914-917, 927-928, 936, 942, 944, 946-947, 950-954, 961		8/95 →	4250 ccm	90-130 kW (122-177 PS)	102 / 4	IN	PMER080	9060500326 9060500226 9060500626	34,0x8,0x128,8	20	1
ENG. OM 904.960, 964, 971, 975 Euro 3		6/03 →	4250 ccm	75-130 kW (102-177 PS)	102 / 4	EX	PMER081	9060500327 9060500627	38,0x8,0x152,6	45	1
ENG. OM 906.910-914, 917-919, 921-924, 929 (USA), 930-934, 937-938, 940-941, 944-948, 953-954, 956, 966 (MEX), 967, 970, 974-977, 978 (USA), 979-981, 985, 988 Euro 2		1/98 →	6374 ccm	142-224 kW (190-300 PS)	102 / 6			9060500727			
ENG. OM 906.915-916, 920, 925-928, 935-936, 939, 949-952, 955, 957 (USA), 958-959, 961-962, 964-965, 968, 971, 982-983		1/98 →	6374 ccm	142-205 kW (190-279 PS)	102 / 6						
ENG. OM 906.960, 963, 991 Euro 3		4/00 →	6374 ccm	130-205 kW (177-279 PS)	102 / 6						
ENG. OM 907.910, 920, 930, 940-941, 960, 970, 980, 990 Euro 2		8/95 →	4250 ccm	75-125 kW (102-170 PS)	102 / 4						
ENG. OM 909.900-901, 910-911, 920-921, 960, 970-971 Euro 2		8/95 →	6374 ccm	170-205 kW (231-279 PS)	102 / 6						
ENG. OM 924.915 Euro 2, OM 924.931 Euro 5			4250 ccm	160 kW (218 PS)	102 / 4						
ENG. OM 926.911-912, 914 Euro 2				240 kW (326 PS)	102 / 6						
ENG. OM 902.935 Euro 3	**U 400**	3/02 →	6374 ccm	100 kW (136 PS)	102 / 6						
ENG. OM 904.958, 969 Euro 3		3/02 →	4250 ccm	100-130 kW (136-177 PS)	102 / 4						



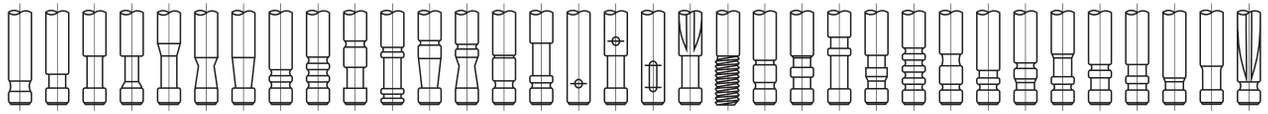
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES DIESEL											
ENG. OM 642.920/.921	**E 280 CDI (211)**	4/05 →	2987 ccm	135-173 kW (184-235 PS)	83 / 6	IN	PMER089	6420530401	28,6x6,0x102,2	45	9
	E 320 CDI (211)	4/05 →						MN960088			
ENG. OM 642.930/.932	**S 320 CDI (221)**	2/06 →	2987 ccm	135-173 kW (184-235 PS)	83 / 6			05175396AA			
ENG. OM 642.940	**ML 280/320 CDI (164)**	8/05 →	2987 ccm	135-173 kW (184-235 PS)	83 / 6	EX	PMER090	6420500527	25,4x6,0x102,2	45	9
ENG. OM 642.950	**R 280/320 CDI (251)**	2/06 →	2987 ccm	135-173 kW (184-235 PS)	83 / 6			MN960089			
ENG. OM 642.960	**C 320 CDI (204)**	6/07 →	2987 ccm	135-173 kW (184-235 PS)	83 / 6			05175397AA			
ENG. OM 642.961	**C 320 CDI (204)**	6/07 →	2987 ccm	135-173 kW (184-235 PS)	83 / 6						
	CLK 320 CDI (204)	5/05-10/09									
	GLK 320 CDI	4/09 →									
ENG. OM 642.970	**G 320 CDI (463)**	9/06 →	2987 ccm	135-173 kW (184-235 PS)	83 / 6						
	R 280 CDI (251)										
	R 320 CDI Bluetec (251)	7/08 →									
ENG. OM 642.975	**G 280 CDI (461)**		2987 ccm	135-173 kW (184-235 PS)	83 / 6						
ENG. OM 642.990	**Viano 300 CDI**	4/06 →	2987 ccm	135-173 kW (184-235 PS)	83 / 6						
	Vito 120 CDI	4/06 →									
ENG. OM 642.992/.993	**Sprinter 218/318/518 CDI**	4/06 →	2987 ccm	135-173 kW (184-235 PS)	83 / 6						
ENG. OM 356.944 Euro 1	**Series 1317**	12/92-12/93	5958 ccm	116 kW (158 PS)	97,5 / 6	IN	PMER095	98497235	46,0x9,0x141,2	30	1
								98429886			
								1908394			
						EX	PMER096	99433902	38,3x9,0x141,2	45	1
								98412705			
								1908395			



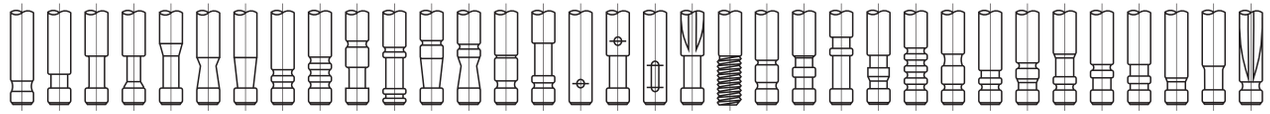
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES DIESEL											
ENG. 651.901	**Klasa A (W176) A 180 CDI (176.000)**	06/12 →	1796 ccm	80 kW (109 PS)	4	IN	PMER106	6510530101 A651.053.0101	28,5x6,0x109,0	45	9
	Klasa B (W246, W242) B 200 CDI (246.201)	11/11 →				EX	PMER107	6510500127 A651.050.0127	24,6x6,0x109,3	45	9
	CLA coupe (C117) CLA 200 CDI (117.301)	06/13 →									
ENG. 651.911	**Klasa C (W204) C 220 CDI (204.002)**	10/08 - 01/14	2143 ccm	120 kW (163 PS)	4						
	Klasa C (W204) C 220 CDI (204.002)	12/08 - 01/14									
	Klasa C (W204) C 250 CDI (204.003)	08/08 - 01/14									
	Klasa C T-Model (S204) C 220 CDI (204.202)	12/08 - 08/14									
	Klasa C T-Model (S204) C 220 CDI (204.202)	12/08 - 08/14									
	Klasa C T-Model (S204) C 250 CDI (204.203)	01/09 - 08/14									
	Klasa C coupe (C204) C 220 CDI (204.302)	06/11 →									
	Klasa C coupe (C204) C 250 CDI (204.303)	06/11 →									
	Klasa E coupe (C207) E 220 CDI	07/14									
	Klasa E coupe(C207) E 220 CDI / d (207.302, 207.301)	01/10 →									



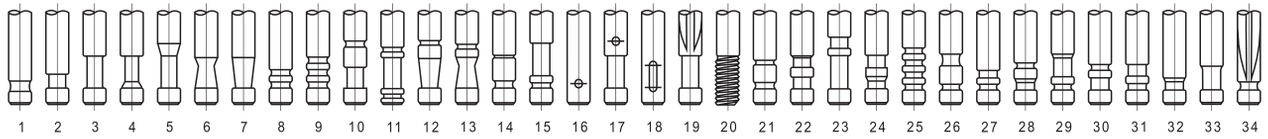
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MERCEDES DIESEL											
ENG. 651.911	**Klasa E coupe (C207) E 250 CDI / BlueTEC / d (207.303, 207.304)**	01/09 →	2143 ccm	120 kW (163 PS)	4	IN	PMER106	6510530101 A651.053.0101	28,5x6,0x109,0	45	9
						EX	PMER107	6510500127 A651.050.0127	24,6x6,0x109,3	45	9
	Klasa E kabriolet (A207) E 220 CDI / BlueTEC / d (207.402, 207.401)	01/10 →									
ENG. 651.912	**Klasa C (W204) C 220 CDI 4-matic (204.084)**	02/13 - 01/14	2143 ccm	120 kW (163 PS)	4						
	Klasa C (W204) C 250 CDI 4-matic (204.082)	01/11 - 01/14									
	Klasa C T-Model (S204) C 220 CDI 4-matic (204.284)	02/13 - 08/14									
	Klasa C T-Model (S204) C 250 CDI 4-matic (204.282)	04/10 - 08/14									
	Klasa GLK (X204) 220 CDI 4-matic (204.984, 204.997)	12/08 - 06/15									
	Klasa GLK (X204) 250 CDI 4-matic (204.982, 204.904)	09/09 - 06/15									



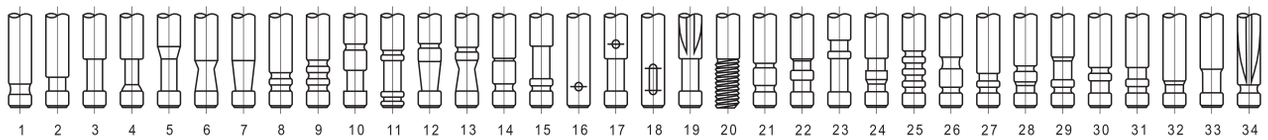
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MINI BENZYNA											
ENG. 4G18	**Mini Mini (R56) Cooper**	09/06 - 11/13		85 kW (115 PS)		IN	PMIN006	0948.E8	28,8x5,0x105,8	45	9
	Mini Mini (R56) Cooper	10/06 - 02/12		88 kW (120 PS)		EX	PMIN007	0949.E2	26,0x5,0x110,1	45	9
	Mini Mini (R56) Cooper	09/09 - 11/13		90 kW (122 PS)							
	Mini Mini kabriolet (R57) Cooper	10/07 - 06/15		88 kW (120 PS)							
	Mini Mini kabriolet (R57) Cooper	09/09 - 06/15		90 kW (122 PS)							
	Mini Mini Clubman (R55) Cooper	10/07 - 12/13		88 kW (120 PS)							
ENG. N14 B16 A	**Mini Mini (R56)Cooper S**	10/06 - 02/10		128 kW (174 PS)							
	Mini Mini (R56) Cooper S John Cooper Works	11/06 - 02/10		141 kW (192 PS)							
	MINI MINI kabriolet (R57) Cooper S	04/08 - 07/10		128 kW (174 PS)							
	Mini Mini Countryman (R60) Cooper S ALL4	08/10 - 10/16		135 kW (184 PS)							
	MINI MINI coupe (R58) Cooper S1	12/10 - 04/15		135 kW (184 PS)							
ENG. N14 B16 C	**MINI MINI (R56) John Cooper Works**	11/07 - 11/13		155 kW (211 PS)							
	Mini Mini kabriolet (R57) John Cooper Works	08/08 - 05/15		155 kW (211 PS)							
	Mini Mini Roadster (R59) John Cooper Works	11/11 - 04/15		155 kW (211 PS)							
	Mini Mini Clubman (R55) John Cooper Works	11/07 - 06/14		155 kW (211 PS)							
	Mini Mini coupe (R58) John Cooper Works1	12/10 - 05/15		155 kW (211 PS)							



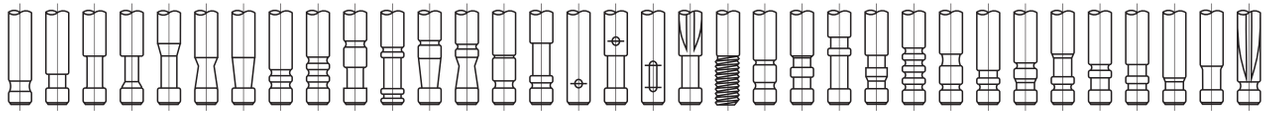
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MINI DIESEL											
ENG. 9 HZ	**Mini (R56) OneD 1.6 16V** **Mini (R56) CooperD 1.6 16V** **Clubman (R55) CooperD 1.6 16V**	6/09 → 3/07 → 10/07 →	1560 ccm	80 kW (109 PS)	75 / 4	IN	PMIN004	0948.C7 1229882 30711498 9645024780 3M5Q6507AA Y6011-2111 11347805968	25,6x5,5x96,4	45	9
ENG. DV6TED4 Euro 4	**Mini (R56) CooperD 1.6 16V** **Clubman (R55) CooperD 1.6 16V**	3/07 → 10/07 →	1560 ccm	80 kW (109 PS)	75 / 4	EX	PMIN005	0949.C3 1229883 30711497 9640840080 3M5Q6505AA Y6011-2121 11347805969	23,4x5,5x96,6	45	9



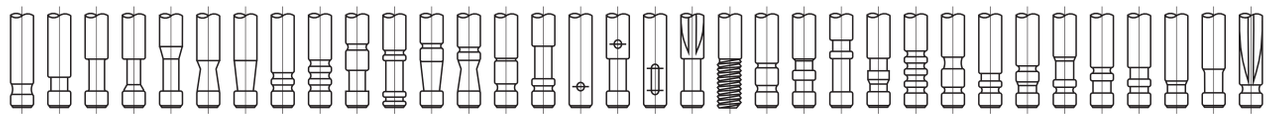
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MITSUBISHI BENZYNA											
ENG. 4G62T	**Chariot 1.8i Turbo**	6/84-8/87	1795 ccm	100 kW (136 PS)	80,6 / 4	IN	PMIT001	MD070691	43,0x8,0x109,8	45	1
	Colt 1.8i Turbo	→ 4/85				EX	PMIT002	MD070693	35,0x8,0x108,7	45	1
	Cordia 1.8i Turbo	10/84-12/86									
	Delica 1.8i Turbo	→ 4/85									
	Galant 1.8i Turbo	78-2/88									
	Lancer 1.8i Turbo	10/81-6/88									
	Space Wagon 1.8i Turbo	→ 8/86									
	Tredia 1.8i Turbo	9/84-9/85									
	L 300 1.8i Turbo	→ 4/85									
ENG. G63, 4G63	**Eterna 2000 Turbo**	81 →	1997 ccm	66-140 kW (90-145 PS)	85 / 4						
	Galant 2000 Turbo	81 →									
	Starion 2000 Turbo	81 →									
	L300	90 →									
ENG. 4G33	**Celeste 1400**	77-78	1439 ccm	68 kW (92 PS)	73 / 4	IN	PMIT011	MD000480	38,0x8,0x106,0	45	32
	Delica 1400	77-78						MD002480			
	Galant 1400	77-78						K491565-0			
	Lancer 1400	77-78				EX	PMIT012	MD000481	31,0x8,0x102,5	45	32
	Fork 1400	77-78						MD002481			
ENG. G36	**Jupiter 1200**	75-78	1238 ccm	54 kW (73 PS)	73 / 4			K491566-0			
	Lancer 1200	75-78									



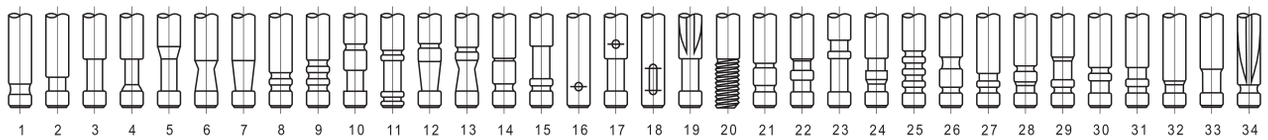
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MITSUBISHI BENZYNA											
ENG. 4G32	**Arrow 1600**	77 →	1597 ccm	74 kW (100 PS)	76,9 / 4	IN	PMIT011	MD000480	38,0x8,0x106,0	45	32
	Celeste 1600	77 →						MD002480			
	Challenger 1600	77 →						K491565-0			
	Champ 1600	77 →				EX	PMIT012	MD000481	31,0x8,0x102,5	45	32
	Chariot 1600	77 →						MD002481			
	Corida 1600	77 →						K491566-0			
	Delica 1600	77 →									
	Fork 1600	77 →									
	Galant 1600	77 →									
	Lancer 1600	77 →									
	Mirage 1600	77 →									
	Sapporo 1600	77 →									
	Tredia 1600	77 →									
ENG. G35	**Galant 1700**	72-77	1686 ccm	72 kW (97 PS)	79 / 4						
ENG. G11B (52 kW)	**Colt, Fiore 1.2**	77 →	1244 ccm	52-53 kW (70-72 PS)	69,5 / 4	IN	PMIT013	MD016460	34,0x6,6x102,0	45	1
	Lancer 1.2	12/81 →				EX	PMIT014	MD016461	30,0x6,6x101,0	45	1
	Mirage 1.2	3/78-2/85						MD003788			
ENG. G13B (49 kW)	**Colt 1.3**	6/86-6/88	1299 ccm	49 kW (67 PS)	71 / 4						
	Fiore 1.3	83 →									
	Lancer 1.3	4/88-7/95									
	Mirage 1.3	1/86-10/91									
ENG. 4G13 (51 kW)	**Colt, Lancer 1.3**	4/88-7/95	1299 ccm	51 kW (70 PS)	71 / 4						
	Mirage 1.3	10/87-10/95									
ENG. G12B	**Celest 1.4**	3/79 →	1411 ccm	50 kW (68 PS)	74 / 4						
	Colt 1.4	2/78-5/88									
	Challenger, Fiore 1.4	78 →									
	Lancer 1.4	2/78-5/88									
	Mirage, Tredia 1.4	10/82-8/94									



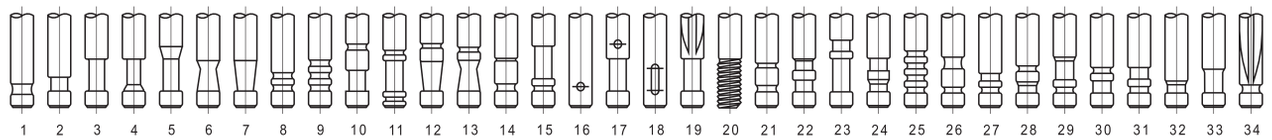
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
MITSUBISHI BENZYNA											
ENG. G15B	**Colt 1.5**	6/86-5/87	1468 ccm	51-57 kW (70-77 PS)	75,5 / 4	IN	PMIT013	MD016460	34,0x6,6x102,0	45	1
	Fiore 1.5	83 →				EX	PMIT014	MD016461	30,0x6,6x101,0	45	1
	Lancer 1.5	4/86-6/88						MD003788			
	Mirage 1.5	10/83-10/91									
ENG. 4G61KC	**Lancer 1.6i**	4/88-5/90	1596 ccm	91-100 kW (124-136 PS)	82,3 / 4	IN	PMIT015	22211-33000	34,0x6,5x109,5	45	1
	Mirage 1.6i	1/87-10/91						MD127840			
	Colt 1.6i	89 →				EX	PMIT016	22212-33000	30,5x6,5x109,7	45	1
ENG. 4G63 (75 kW)	**Galant 2.0**	5/84-11/87	1997 ccm	66-75 kW (90-102 PS)	85 / 4			MD127841			
	Lancer 2.0	80 →									
	RVR 2.0	1/91-11/97									
	Sapporo 2.0	3/81-11/84									
	Space Wagon 2.0	3/85-4/91									
	L 300 2.0	1/85-10/86									
ENG. 4G13	**Colt 1.3 12V**	89 →	1299 ccm	55 kW (75 PS)	71 / 4	IN	PMIT022	MD128434	26,0x6,6x100,7	45	1
	Mirage, Lancer 1.3 12V	89 →				EX	PMIT023	MD139755	33,0x6,6x101,1	45	1
ENG. 4G15	**Colt 1.5 12V**	89 →	1468 ccm	68 kW (93 PS)	75,5 / 4						
	Mirage, Lancer 1.5 12V	89 →									
ENG. G32B	**Colt 1.6**	85-88	1598 ccm	60 kW (81,5 PS)	76,9 / 4	IN	PMIT026	MD075925	38,0x8,0x103,5	45	1
	Mirage 1.6					EX	PMIT027	MD075927	31,0x8,0x100,0	45	1
	Lancer 1.6							MD075928			
	L300 1.6										
ENG. 4G63 16V	**Space Wagon 2.0 16V**	93 →	1997 ccm		85 / 4	IN	PMIT028	MD301193	33,0x6,0x112,5	45	1
	Space Gear 2.0 16V	93 →						MD159502			
	Galant 2.0 16V	93 →				EX	PMIT029	MD197097	29,0x6,0x114,2	45	1
ENG. G64K 16V	**Space Gear 2.4**	93 →	2350 ccm		86,5 / 4			MD199193			
ENG. 4G64	**L 300**	93 →	2351 ccm		86,5 / 4			MD306183			
	Pajero	93 →									
	Space Runner	93 →									



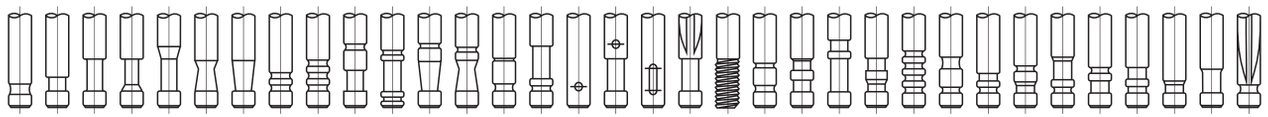
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MITSUBISHI BENZYNA											
ENG. G54B	**Starion Turbo**	84/89	2555 ccm		4	IN	PMIT030	MD083848	46,0x8,0x108,2	45	1
	Montero	84/89						MD083849			
	Pick-Up	84/89				EX	PMIT031	MD083851	38,0x8,0x105,6	45	1
ENG. G13B (49 kW)	**Colt 1.3**	6/86-6/88	1299 ccm	49 kW (67 PS)	71 / 4	IN	PMIT043	12911-71C00	29,2x5,5x92,2	45	1
	Lancer 1.3	4/88-7/95				EX	PMIT044	12915-71C50	25,0x5,5x79,9	45	1
	Mirage 1.3	1/86-10/91									
ENG. 4G18	**Mitsubishi Lancer VII (CS_A, CT_A) 1.6 (CS3A)**	09/03 - 12/13	1584 ccm	72 kW (98 PS)	4/76	IN	PMIT061	MD339752	29,1x5,5x111,65	45	1
	Mitsubishi Lancer VII kombi (CS_W, CT_W) 1.6	09/03 - 10/08				EX	PMIT062	MD339754	25,5x5,5x114,65	45	1
	Mitsubishi Space Star nadwozie wielkopo-jemne (MPV) (DG_A) 1.6 16V (DG3A)	01/01 - 12/04									



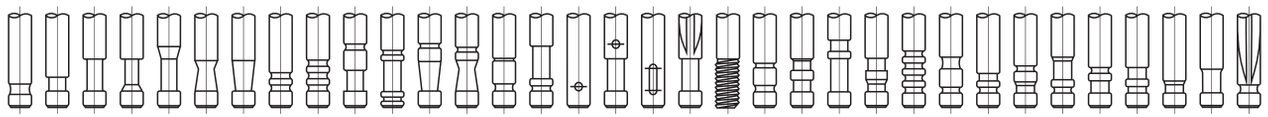
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MITSUBISHI DIESEL											
ENG. 4D55	**Canter 2.3 D**	1/80-1/90	2346 ccm	48-50 kW (65-68 PS)	91,1 / 4	IN	PMIT003	MD083661	40,0x8,0x136,5	45	1
	L 200, L 300 2.3 D	4/83-10/86						22211-42850			
ENG. 4D55T	**Canter 2.3 TD**	5/84 →	2346 ccm	62-70 kW (84-95 PS)	91,1 / 4	EX	PMIT004	MD083662	34,0x8,0x136,5	45	1
	Galant 2.3 TD	5/80-5/84						22212-42850			
	Pajero 2.3 TD	9/84-4/86									
	Shogun, Sigma 2.3 TD	81-86									
	L 200 2.3 TD	82-10/86									
	L 300 2.3 TD	4/83-10/86									
ENG. 4D56 (51 kW)	**Canter 2.5 D**	1/86-9/96	2477 ccm	51-54 kW (69-72 PS)	91,1 / 4						
	Colt 2.5 D	86 →									
	Delica, Montenero 2.5 D	4/86 →									
	Pajero 2.5 D	4/86-7/93									
	L 200 2.5 D	11/86-5/96									
	L 300 2.5 D	11/86-12/00									
ENG. 4D56 (55 kW)	**L 200 2.5 D**	6/95 →	2477 ccm	55 kW (75 PS)	91,1 / 4						
ENG. 4D56T (62 kW)	**Canter 2.5 TD**	10/89 →	2469 ccm	62-64 kW (84-87 PS)	91,1 / 4	IN	PMIT003	MD083661	40,0x8,0x136,5	45	1
	Delica 2.5 TD	4/86 →						22211-42850			
	Montenero, Shogun 2.5 TD	3/86 →				IN	PMIT005	MD198404	40,0x8,0x130,2	45	1
	Pajero 2.5 TD	5/86-5/99						22211-45520			
	Space Gear 2.5 TD	6/94-3/01				EX	PMIT004	MD083662	34,0x8,0x136,5	45	1
	L 200 2.5 TD	11/92-8/96						22212-42850			
	L 300 2.5 TD	11/88-12/01				EX	PMIT006	MD198406	34,0x8,0x130,0	45	1
ENG. 4D56T (64 kW)	**Montenero 2.5 TD**	8/98 →	2346 ccm	64-73 kW (87-99 PS)	91,1 / 4			22212-45520			
	Pajero 2.5 TD	12/90-5/01									
	Space Gear 2.5 TD	12/94-3/01									
	Strada Gear 2.5 TD	3/91 →									
	L 200 2.5 TD	11/92-3/01									
	L 300 2.5 TD	6/94-12/01									
	L 400 2.5 TD	12/94-3/01									



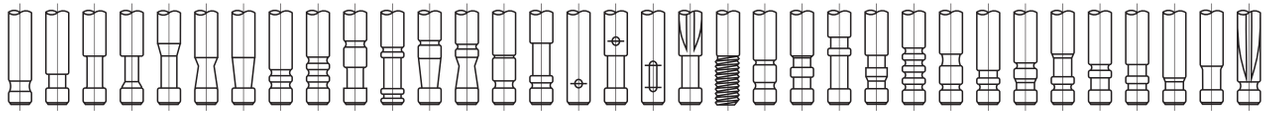
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MITSUBISHI DIESEL											
ENG. 4D56T (77 kW)	**Delica 2.5 TD** **Pajero 2.5 TD**	5/95 → 12/90-5/01	2477 ccm	77 kW (105 PS)	91,1 / 4	IN	PMIT003	MD083661 22211-42850	40,0x8,0x136,5	45	1
ENG. 4D56T (85 kW)	**Pajero 2.5 TD** **L 200 2.5 TD**	2/00 → 01-07	2477 ccm	85 kW (115 PS)	91,1 / 4	IN	PMIT005	MD198404 22211-45520	40,0x8,0x130,2	45	1
						EX	PMIT004	MD083662 22212-42850	34,0x8,0x136,5	45	1
						EX	PMIT006	MD198406 22212-45520	34,0x8,0x130,0	45	1
ENG. D4BF-E	**Galloper I 2.5 TD**	2/91-1/97	2477 ccm	59 kW (80 PS)	91,1 / 4	IN	PMIT005	MD198404 22211-42520	40,0x8,0x130,2	45	1
ENG. D4BH	**Galloper I 2.5 TD** **Galloper II 2.5 TD**	2/91-1/97 2/97-9/02	2477 ccm	69-78 kW (94-106 PS)	91,1 / 4	EX	PMIT006	MD198406 22212-42520	34,0x8,0x130,0	45	1
ENG. F8Q 784	**Carisma 1.9 TD**	5/96-6/00	1870 ccm	66-70 kW (90-95 PS)	80 / 4	IN	PMIT047	7701471704 7701469369 30852144 M852144 M889130 3345515 101778	35,0x8,0x110,0	45	1
						IN	PMIT050	7701468190	35,0x8,0x110,5	45	1
						IN	PMIT007	7701468035	35,2x8,0x111,6	45	1
						IN	PMIT049	7701462813 3287966-0	36,1x8,0x111,7	30	1
						EX	PMIT048	7701471705 7701469373 30852146 112656 101780	31,5x8,0x110,0	45	1
						EX	PMIT008	7701462814 7700696117 7700702871 3287967-8	31,6x8,0x111,3	45	1



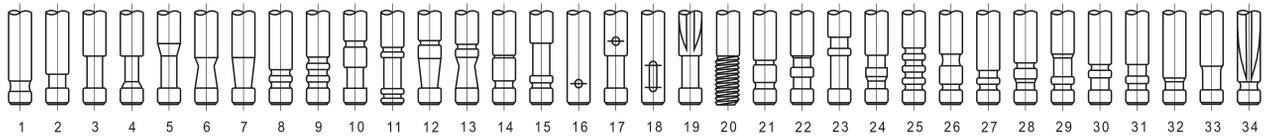
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
MITSUBISHI DIESEL											
ENG. F9Q 1, F9Q 2	**Carisma 1.9 TD**	7/00 →	1870 ccm	75 kW (102 PS)	80 / 4	IN	PMIT009	7700110386	35,3x7,0x110,9	45	1
	Space Star 1.9 CDi	6/00 →						7700110387			
ENG. F9Q 680	**Carisma 1.9 CDi**	6/99 →	1870 ccm	85 kW (116 PS)	80 / 4			7701471702			
	Space Star 1.9 CDi	6/00 →						7701476024			
								7701470251			
								8200828299			
								13201-AW300			
								13201-00QAC			
								13201-00QAM			
								MW30620685			
								30889401			
								4402633			
								4415921			
						EX	PMIT010	7700110388	32,6x7,0x110,7	45	1
								7700110389			
								7701471703			
								7701476025			
								7701476256			
								7701470252			
								8200872426			
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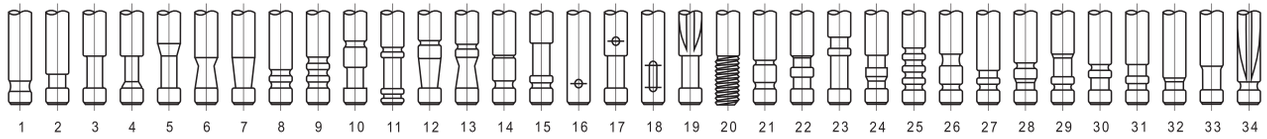
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MITSUBISHI DIESEL											
ENG. Renault F8Q	**Carisma**	5/96-6/00	1870 ccm	48 kW (65 PS)	80 / 4	IN	PMIT036	7701465107 7700702871 7700738494	36,2x8,0x111,7	30	1
						EX	PMIT008	7701462814 7700696117 7700702871 3287967-8	31,6x8,0x111,3	45	1
ENG. 4M41	**Pajero Montero III (V60, V70) 3.2 DI-D (V68W, V78W)** **Pajero Montero IV (V80, V90) 3.2 DI-D (V88W, V98W)**	4/00-10/01 2/07 →	3200 ccm	118-125 kW (160-170 PS)	4	IN	PMIT041	ME203101	33,0x6,6x115,5	45	1
						EX	PMIT042	ME203102	31,0x6,6x115,3	45	1
ENG. 4M40	**Pajero 2.8 D**	94 →	2835 ccm	69 kW (94 PS)	95 / 4	IN	PMIT045	ME200050	41,0x8,0x108,7	45	1
	Canter 2.8 D	96 →				EX	PMIT046	ME200051	35,0x8,0x108,5	45	1
ENG. 4M40T	**Pajero 2.8 TD Intercooler**	94 →	2835 ccm		95 / 4						
	Canter 2.8 TD Intercooler	99 →									
ENG. F8Q 784	**Carisma 1.9 TD**	5/96-6/00	1870 ccm	66-70 kW (90-95 PS)	80 / 4	IN	PMIT051	7701466716	36,2x8,0x111,7	30	1
						EX	PMIT052	7701466717	31,6x8,0x111,7	45	1
ENG. BKD	**Lancer 2.0 DI-D**	1/08 →	1968 ccm	103 kW (140 PS)		IN	PMIT053	03G109601A	29,4x6,0x88,5	45	9
	Grandis 2.0 DI-D	07 →				EX	PMIT054	03G109611B	25,5x6,0x88,2	45	9
	Outlander 2.0 DI-D	07 →				IN	PMIT055	03G109601B MN980080 68001582AA	29,2x6,0x87,8	45	9
						EX	PMIT056	03G109611D MN980081 68001583AA	25,5x6,0x87,5	45	9



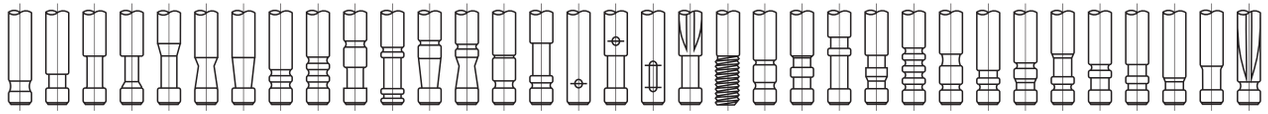
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MITSUBISHI DIESEL											
ENG. OM 639.939	**Colt 1.5 DI-D**	8/04 →	1493 ccm	70 kW (95 PS)	75 / 4	IN	PMIT057	6420530401 MN960088 05175396AA	28,6x6,0x102,2	45	9
						EX	PMIT058	6420500527 MN960089 05175397AA	25,4x6,0x102,2	45	9



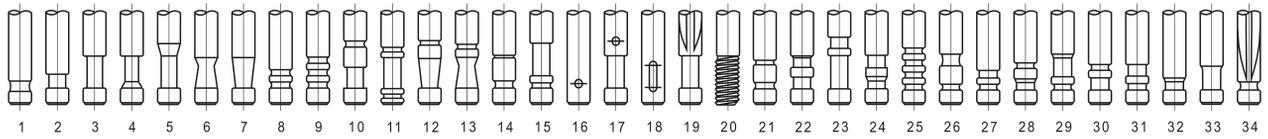
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MOSKWICZ BENZYNA											
	Moskwicz 2141	86 →	1600 ccm		4	IN	PMOS001	412-1007010	38,2x8,0x116,7	45	30
						EX	PMOS002	412-1007012	34,0x8,0x112,4	45	30



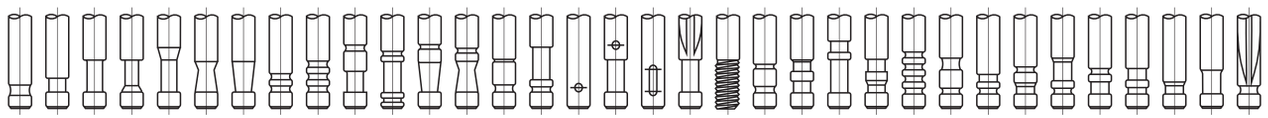
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MTZ DIESEL											
ENG. D50	**MTZ 50, 52**	62-85	4700 ccm	41 kW (55 KM)	110 / 4	IN	PMTZ001	4753421199	47,8x11,0x157,8	45	2
ENG. D243	**MTZ 80, 82, 820, 920**	75-77	4750 ccm	57,4 kW (81 KM)	110 / 4			50-100-7014			
								2401007014B4			
						EX	PMTZ002	4753421198	41,8x11,0x157,8	45	2
								50-100-7015			
								2401007015B4			
						IN	PMTZ003	4753526630	47,8x11,0x157,8	30	2
						EX	PMTZ002	4753421198	41,8x11,0x157,8	45	2
								50-100-7015			
								2401007015B4			



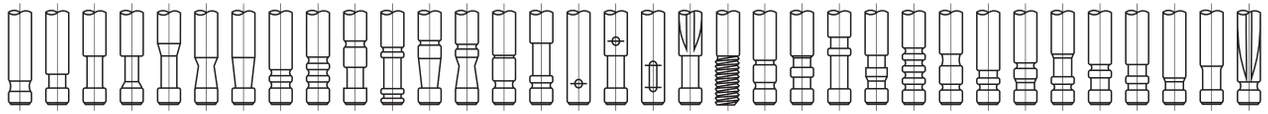
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
MULTICAR DIESEL											
Multicar						IN	PMUL001	19369-5	41,0x8,0x137,0	45	6
						EX	PMUL002	19370-8	33,0x8,0x137,0	45	6



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
M.W.M. DIESEL											
ENG. KD 211-Z		54 →	1250 ccm	10-15 kW (13-20 PS)	85 / 2	IN	PMWM001	631334600034	37,0x9,0x117,0	45	3
ENG. AKD 311-2		55-67	1469 ccm	12-15 kW (16-20 PS)	90 / 2	EX	PMWM002	631334600024	33,0x9,0x117,0	45	3
ENG. D 227-2		70-77	1885 ccm	25-27 kW (34-37 PS)	100 / 2	IN	PMWM003	622604600054	41,0x9,0x117,0	45	9
ENG. D 227-3		70-77	2827 ccm	43-45 kW (59-61 PS)	100 / 3			F183200210080			
ENG. D 227-4		70-77	3768 ccm	46-61 kW (63-68PS)	100 / 4			7701006369			
ENG. D 227-6		70 →	5654 ccm	63-91 kW (86-124 PS)	100 / 6	EX	PMWM004	630804600024	38,0x9,0x117,0	45	9
ENG. D 327-2		1/72-77	1885 ccm	24-27 kW (32-37 PS)	100 / 2			F183200210070			
ENG. D 327-3		1/72 →	2827 ccm	31-48 kW (42-55 PS)	100 / 3			7701006368			
ENG. D 327-4		70 →	3768 ccm	47-55 kW (64-74 PS)	100 / 4						
ENG. D 327-6		10/72-12/79	5654 ccm	70-82 kW (95-112 PS)	100 / 6						
ENG. D 226-2, D 226-Z		1/72 →	2080 ccm	27-30 kW (37-40 PS)	105 / 2						
ENG. D 226-3, D 226-D		1/68 →	3117 ccm	35-44 kW (48-60 PS)	105 / 3						
ENG. D 226-4, D 226-V		1/68 →	4154 ccm	44-64 kW (60-87 PS)	105 / 4						
ENG. D 226-6, D 226-S		69 →	6234 ccm	74-96 kW (101-131 PS)	105 / 6						
ENG. KD 110,5-2		59-65	1336 ccm	18 kW (24 PS)	90 / 2	IN	PMWM019	0124418120	38,0x9,0x117,0	45	9
ENG. KD 110,5-3		59-65	2004 ccm	25-26 kW (34-36 PS)	90 / 3	IN	PMWM005	630804600014	38,0x9,0x117,0	45	9
ENG. KD 110,5-4		59-65	2670 ccm	35 kW (48 PS)	90 / 4			620704603024			
ENG. KD 110,5-6		63-65	4010 ccm	53 kW (72 PS)	90 / 6			F238200210040			
ENG. D 208-2		1/65-12/73	1490 ccm	23 kW (31 PS)	95 / 2			0123028300			
ENG. D 208-3		1/65-12/74	2235 ccm	26-34 (35-46 PS)	95 / 3	EX	PMWM006	620704603014	35,0x9,0x117,0	45	9
ENG. D 208-4		1/65-12/73	2976 ccm	33-40 kW (45-55 PS)	95 / 4			F238200210030			
ENG. D 208-6		1/65-12/73	4470 ccm	68 kW (93 PS)	95 / 6			0123028200			
ENG. D 225-2		69-81	1700 ccm	13-24 kW (10-33 PS)	95 / 2						
ENG. D 225-3		69-81	2550 ccm	35-37 kW (48-50 PS)	95 / 3						
ENG. D225-4		4/67-12/77	3402 ccm	46-50 kW (62-68 PS)	95 / 4						
ENG. D225-6		4/67-12/77	5100 ccm	59-75 kW (80-102 PS)	95 / 6						

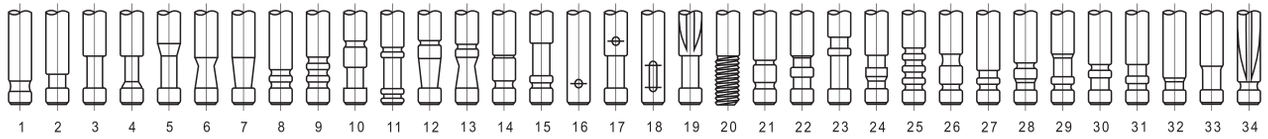


Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
M.W.M. DIESEL											
ENG. D 308-2		1/65-12/73	1490 ccm	23 kW (31 PS)	95 / 2	IN	PMWM019	0124418120	38,0x9,0x117,0	45	9
ENG. D 308-3		1/65-12/78	2235 ccm	23-34 kW (32-46 PS)	95 / 3	IN	PMWM005	630804600014	38,0x9,0x117,0	45	9
ENG. D 308-4		1/65-12/79	2980 ccm	44 kW (60 PS)	95 / 4			620704603024			
ENG. D 308-6		1/65-12/73	4470 ccm	68 kW (93 PS)	95 / 6			F238200210040			
ENG. D 325-2		69-81	1700 ccm	16-24 kW (22-32 PS)	95 / 2			0123028300			
ENG. D 325-3		69-81	2550 ccm	25-34 kW (34-46 PS)	95 / 3	EX	PMWM006	620704603014	35,0x9,0x117,0	45	9
ENG. D 325-4		69-81	3400 ccm	51 kW (69 PS)	95 / 4			F238200210030			
ENG. D 325-6		4/67-12/77	5100 ccm	75 kW (102 PS)	95 / 6			0123028200			
ENG. D 925 L		4/67-12/79	2550 ccm	25-34 kW (34-46 PS)	95 / 3						
ENG. KD 1105-2		63-65	1490 ccm	22 kW (30 PS)	95 / 2						
ENG. TD 226-4		69 →	4160 ccm	68-74 kW (92-100 PS)	105 / 4	IN	PMWM011	622804603014	42,0x9,0x117,0	30	9
ENG. TD 226-6		92-96	6234 ccm	99-125 kW (135-170 PS)	105 / 6			F285200210230			
ENG. TD 228-6		1/76 →	6234 ccm	99-110 kW (135-150 PS)	105 / 6			F384200210060			
						EX	PMWM012	622604603024	38,0x9,0x117,0	45	9
								F285200210200			
								12159602			
								12165099			
								12911162			
ENG. D 226 B-2		86 →	2080 ccm	32 kW (43 PS)	105 / 2	IN	PMWM013	622604605014	47,0x9,0x117,0	45	9
ENG. D 226 B-3		86 →	3120 ccm	33-55 kW (45-75 PS)	105 / 3			F199200210040			
ENG. D 226 B-4		86-93	4154 ccm	51-74 kW (70-100 PS)	105 / 4			6005009608			
ENG. D 226 B-6		86-99	6234 ccm	77-105 kW (88-120 PS)	105 / 6			12156904			
						EX	PMWM014	622604605034	43,0x9,0x117,0	45	9
								F199200210050			
								6005009610			
								12159605			

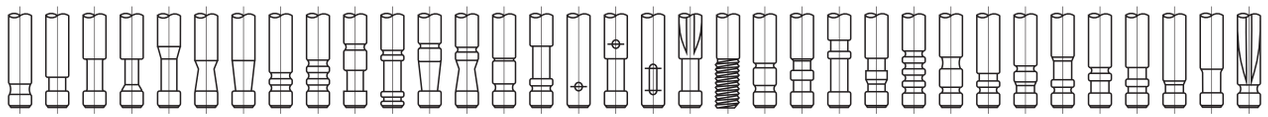


Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
M.W.M. DIESEL											
ENG. TD 226 B-3		85-98	3117 ccm	51-84 kW (70-114 PS)	105 / 3	IN	PMWM015	622604607014	47,0x9,0x117,0	30	9
ENG. TD 226 B-4		8/87-01	4154 ccm	60-77 kW (82-105 PS)	105 / 4			F384200210090			
ENG. TD 226 B-6		69 →	6234 ccm	81-136 kW (110-185 PS)	105 / 6			6005003724			
								12159606			
						EX	PMWM016	622604607034	43,0x9,0x117,0	45	9
								F385200210150			
								6005003725			
								12159608			
ENG. AKD 12/112-1		54-65	905 ccm	8-9 kW (11-12 PS)	98 / 1	IN	PMWM017	632134600014	41,0x10,0x129,0	45	3
ENG. AKD 12/112-2		60-65	1810 ccm	16-18 kW (22-24 PS)	98 / 2			12165702			
ENG. AKD 12/112-3		60-65	2715 ccm	24 kW (33 PS)	98 / 3			12911163			
ENG. AKD 12/112-4		54-65	3600 ccm	32 kW (44 PS)	98 / 4	EX	PMWM018	632134600024	37,0x10,0x129,0	45	3
ENG. 322 Z		54-65	1802 ccm		98 / 2			12165703			
ENG. 322 D		54-65	2703 ccm		98 / 3			12911164			
ENG. KD 12E		52-63	880 ccm		95 / 1						
ENG. KD 12Z		52-63	1700 ccm		95 / 2						
ENG. KD 12D		52-63	2550 ccm		95 / 3						
ENG. KD 12V		52-63	3400 ccm		95 / 4						
ENG. TBD 616 V8			17500 ccm	480 kW (653 PS)	132 / 8	IN	PMWM020	12275153	47,0x9,0x152,7	30	9
ENG. TBD 616 V12			26300 ccm	720 kW (979 PS)	132 / 8	EX	PMWM021	12275154	43,0x9,0x152,7	30	9
ENG. TBD 616 V16			35000 ccm	960 kW (1305 PS)	132 / 12						

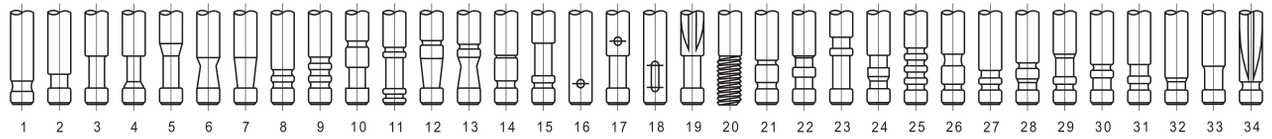
NEW HOLLAND ..... → **DAF** **106**
FIAT/IVECO **121**
FORD/FORDSON **164**
MERCEDES **289**
PERKINS **377**



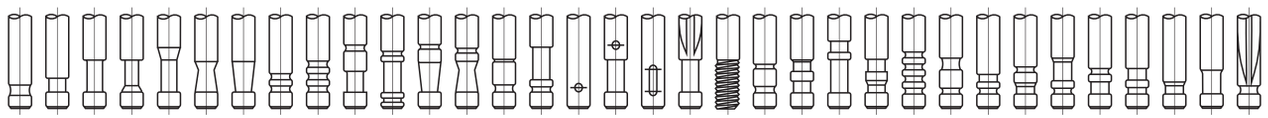
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
NISSAN BENZYNA											
ENG. H30	**Fork 3000**	66-75	2974 ccm	133 kW (180 PS)	87,2 / 6	IN	PNIS005	13201-F1800	42,0x8,67x110,2	45	2
	President 3000	66-75						13201-P0500			
	C 80	66-75				EX	PNIS006	13202-F5100	32,0x8,63x110,2	45	2
ENG. H20	**Cabstar 2000**	66 →	1982 ccm		87,2 / 4			13202-P0500			
	Cedric 2000	66 →									
	Civillian 2000	66 →									
	Clipper 2000	66 →									
	Echo 2000	66 →									
	Gloria 2000	66 →									
ENG. Z 24, Z24i	**Pathfinder 4x4 (USA)**	86 →	2400 ccm	76-79 kW (103/106 PS)	89 / 4	IN	PNIS007	13201-N8501	42,0x8,0x124,4	45	2
	Terrano 4x4	86 →				EX	PNIS008	13202-N8500	38,0x8,0x125,4	45	2
	Urvan	89 →									
	720	81 →									
ENG. Z 22	**720**	81 →	2200 ccm	78 kW (105 PS)	87 / 4						
ENG. Z 20	**Cherry 2000**	79 →	1952 ccm	64 kW (87 PS)	85 / 4						
	Gazelle 2000	79 →									
	Homy 2000	79 →									
	Laurel 2000	79 →									
	Leopard 2000	79 →									
	Silvia 2000	79 →									
	Skyline 2000	79 →									
	Sunny 2000	79 →									
ENG. GA14DE	**Almera I 1.4**	9/95-7/00	1392 ccm	55-64 kW (75-87 PS)	73,6 / 4	IN	PNIS017	13201-57Y00	30,0x5,5x92,3	45	1
	Sunny III 1.4i	10/90-5/95						13201-2F000			
ENG. GA14DS	**Sunny III 1.4i**	10/90-5/95	1392 ccm	55-63 kW (75-86 PS)	73,6 / 4	EX	PNIS018	13202-57Y00	24,0x5,5x92,6	45	1
ENG. GA14S	**Sunny II 1.4 LX**	10/88-8/91	1392 ccm	55-60 kW (75-82 PS)	73,6 / 4			13202-2F000			
								13202-53Y00			



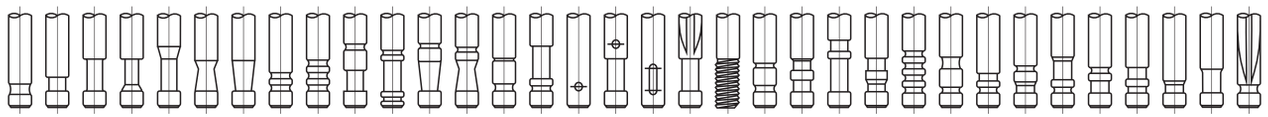
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
NISSAN BENZYNA											
ENG. GA16DS	**100 NX 1.6**	3/90-10/94	1597 ccm	64-75 kW (87-102 PS)	76 / 4	IN	PNIS017	13201-57Y00	30,0x5,5x92,3	45	1
	Primera 1.6	6/90-1/96						13201-2F000			
	Primera Traveller 1.6i	7/90-3/98				EX	PNIS018	13202-57Y00	24,0x5,5x92,6	45	1
	Sunny III 1.6i	10/90-5/95						13202-2F000			
	Sunny III Traveller 1.6i	6/91-3/00						13202-53Y00			
ENG. GA16DE	**100 NX 1.6 SR**	9/93-10/94	1597 ccm	66-88 kW (90-120 PS)	76 / 4						
	Almera I 1.6	9/95-7/00									
	Primera 1.6 16V	6/93-7/02									
	Primera Traveller 1.6i	3/94-3/98									
	Primera Traveller 1.6 16V	4/98-12/01									
	Serena 1.6 16V	2/93-9/01									
	Sunny III 1.6i	10/90-5/95									
	Sunny 1.6i 16V/ 4WD	10/90-5/95									
	Sunny III Traveller 1.6i 16V	6/91-3/00									
	Vanette Cargo 1.6i	1/95 →									
ENG. GA16DE	**100 NX 1.6 SR**	9/93-10/94	1597 ccm	66-88 kW (90-120 PS)	76 / 4	IN	PNIS017	13201-57Y00	30,0x5,5x92,3	45	1
	Almera I 1.6	9/95-7/00						13201-2F000			
	Primera 1.6 16V	6/93-7/02				EX	PNIS019	13202-9F600	25,0x5,5x92,6	45	1
	Primera Traveller 1.6i	3/94-3/98									
	Primera Traveller 1.6 16V	4/98-12/01									
	Serena 1.6 16V	2/93-9/01									
	Sunny III 1.6i	10/90-5/95									
	Sunny 1.6i 16V/ 4WD	10/90-5/95									
	Sunny III Traveller 1.6i 16V	6/91-3/00									
	Vanette Cargo 1.6i	1/95 →									



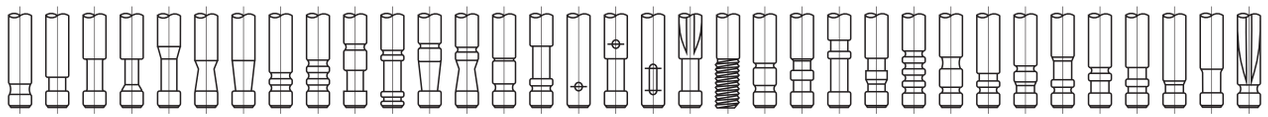
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
NISSAN BENZYNA											
ENG. QG18DE	**Almera II 1.8**	1/00 →	1769 ccm	84-94 kW (114-128 PS)	80 / 4	IN	PNIS017	13201-57Y00	30,0x5,5x92,3	45	1
	Almera Tino 1.8	8/00 →						13201-2F000			
	Primera 1.8 16V	8/99 →				EX	PNIS019	13202-9F600	25,0x5,5x92,6	45	1
	Primera Traveller 1.8	8/99-12/01									
EN G . M C	**Primera 1.6 16V**	90 →	1600 ccm		4	IN	PNIS020	13201-71J00	30,0x5,5x92,3	45	1
						EX	PNIS021	13202-71J00	24,0x5,5x92,6	45	1
ENG. K4M 710	**Kubistar 1.6i 16V**	7/03-6/05	1598 ccm	70-79 kW (95-107 PS)	79,5 / 4	IN	PNIS022	7701471378	32,4x5,5x109,2	45	1
ENG. K4M 752	**Kubistar 1.6i 16V**	8/03 →	1598 ccm	70 kW (95 PS)	79,5 / 4			7701472124			
ENG. K4M	**Platina 1.6i 16V**	02 →	1598 ccm	70-79 kW (95-107 PS)	79,5 / 4			13201-00QAA			
						EX	PNIS023	7701471354	28,0x5,5x107,5	45	1
								7701471379			
								7701473354			
								7701473355			
								13202-00QAA			
ENG. MA10, M10	**March 1.0**	86-91	987 ccm	37-40 kW (50-54 PS)	68 / 4	IN	PNIS026	13201-01B00	35,0x7,0x109,7	45	2
	Micra 1.0	12/82-7/92						13201-10B00			
ENG. M12S, M12	**March 1.2**	86-91	1235 ccm	40-44 kW (54-60 PS)	71 / 4	EX	PNIS027	13202-01B00	30,0x7,0x109,4	45	2
	Micra 1.2	7/86-7/92						13202-10B00			
ENG. CG10DE	**Micra 1.0i 16V**	92-03	998 ccm	40 kW (54 PS)	71 / 4	IN	PNIS028	13201-99B00	27,5x5,5x95,8	45	1
ENG. CG13DE	**Micra 1.3i 16V**	92/00	1275 ccm	55 kW (75 PS)	71 / 4			13201-99B10			
ENG. CGA3, CGA3DE	**Micra 1.4i 16V**	00/03	1348 ccm	60 kW (82 PS)	71 / 4	EX	PNIS029	13202-99B00	22,5x5,5x95,8	45	1
								13202-99B10			
ENG. D4F 712	**Kubistar 1.2i 16V**	7/03 →	1149 ccm	55 kW (75 PS)	69 / 4	IN	PNIS032	7701472986	26,0x5,5x110,9	45	9
								8200343407			
								13201-00QAJ			
						EX	PNIS033	7701473004	22,0x5,5x112,6	45	9
								8200343412			
								13202-00QAK			



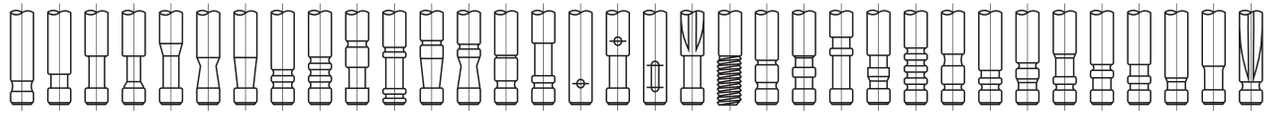
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
NISSAN BENZYNA											
ENG. E13	**Cherry II 1,3**	8/81-9/82	1270 ccm	44 kW (60 PS)	76 / 4	IN	PNIS042	13201-01M00	37,0x7,0x118,7	45	2
	Cherry III 1,3	5/82-10/86				EX	PNIS043	13202-01M00	30,0x7,0x118,0	45	2
	Pulsar 1,3	81 →									
	Sunny 1,3	81 →									
ENG. E15	**Langley 1500**	81-82	1487 ccm	51-55 kW (69-75 PS)	76 / 4						
	Laurel Sprit	81 →									
	Liberta 1500	81 →									
	Prairie 1500	81 →									
	Pulsar 1500	81-82									
	Sunny 1500	81-82									
ENG. A14	**Cherry 1400**	74 →	1397 ccm	59 kW (80 PS)	76 / 4	IN	PNIS046	13201-H6200	37,0x8,0x103,8	45	2
	Langley 1400	74 →				EX	PNIS047	13202-H6200	30,0x8,0x103,8	45	2
	Pulsar 1400	74 →						13202-H8900			
	Sunny 1400	74 →									
	Violet 1400	74 →									
ENG. CA16DE	**U.S.A.:**	89 →	1598 ccm		4	IN	PNIS058	13201-55M10	31,1x6,0x89,1	45	1
	Pulsar SE					EX	PNIS059	13202-64M10	28,1x6,0x89,3	45	1
ENG. CA18	**Auster/Bluebird/ Laurel 1800**	81 →	1809 ccm	74 kW (100 PS)	83 / 4	IN	PNIS066	13201-D0200	40,0x7,0x106,8	45	2
						EX	PNIS067	13202-V0201	35,2x7,0x108,1	45	2
	Skyline 1800/Stanza 1800	81 →						13202-D0100			
	Violet 1800	81 →									
ENG. CA20	**Bluebird 2000, Cedric 2000**	83 →	1973 ccm	81 kW (110 PS)	84,5 / 4						
	Gloria 2000	83 →									



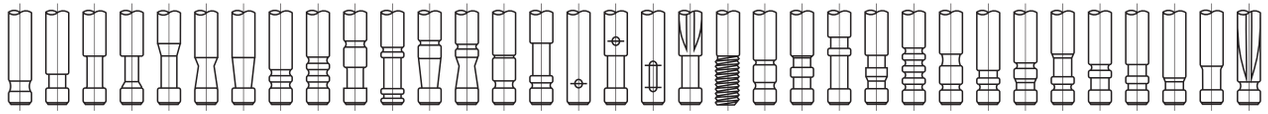
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
NISSAN BENZYNA											
ENG. CA20	**Prairie**	89-92	1974 ccm	71 kW (96 PS)	84,5 / 4	IN	PNIS068	13201-D2000	41,0x7,0x107,0	45	2
	Bluebird SD	86-89				EX	PNIS067	13202-V0201	35,2x7,0x108,1	45	2
ENG. CA18 EGI	**Stanza/Violet/Auster 1800**	81 →	1809 ccm		4			13202-D0100			
	Bluebird/Skyline 1800	81 →									
ENG. SR20DE (85 kW)	**100 NX 2.0 GTI**	8/90-10/93	1998 ccm	85-107 kW (116-145 PS)	86 / 4	IN	PNIS070	13201-70J00	34,0x6,0x101,5	45	1
	180 NX 2.0i 16V	1/91-10/94						13201-1E700			
	Almera 2.0i 16V	4/96-4/00				EX	PNIS071	13202-70J10	30,0x6,0x102,5	45	1
	Almera Tino 2.0i 16V	5/00-1/03						13202-64Y00			
	Prairie 2.0i 16V	8/95-11/98									
	Primera 2.0i 16V	7/94-6/99									
	Pulsar 2.0i 16V	8/95-6/00									
	Serena 2.0i 16V	9/99 →									
	Sunny 2.0i 16V	10/90-9/94									
ENG. SR20Di	**Primera 2.0i 16V**	6/90-7/94	1998 ccm	85-89 kW (110 PS)	86 / 4						
ENG. SR20DE	**Primera 2.0 16V**	90 →	1998 ccm	150 kW (204 PS)	86 / 4	IN	PNIS070	13201-70J00	34,0x6,0x101,5	45	1
	Sunny 2.0 16V	90 →						13201-1E700			
						EX	PNIS072	13202-70J00	30,1x7,0x102,5	45	1
ENG. QR20DE	**X-Trail 2.0i 16V**	6/01 →	1998 ccm	103 kW (140 PS)	89 / 4	IN	PNIS073	13201-BH300	35,6x6,0x97,1	45	1
	Primera 2.0i 16V	1/02 →				EX	PNIS074	13202-6N200	30,7x6,0x98,9	45	1
ENG. QR25DE	**X-Trail 2.5i 16V**	6/01 →	2488 ccm	121-124 kW (161-165 PS)	89 / 4						
ENG. KA24E	**U.S.A.:**				4	IN	PNIS081	13201-40F00	34,1x7,0x121,3	45	1
	Stanza 12V							13201-40F10			
	Pick-Up					EX	PNIS082	13202-40F01	40,1x8,0x122,3	45	1
	240 SX							13202-40F00			



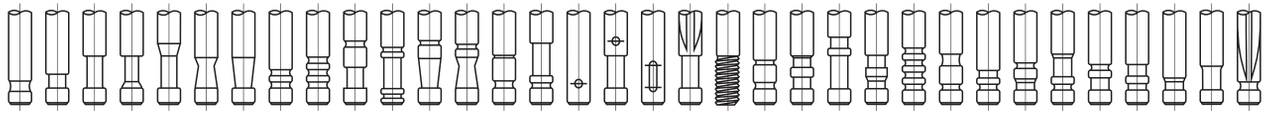
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
NISSAN BENZYNA											
ENG. F4R 720	**Primastar 2.0i 16V**	2/03 →	1998 ccm	88 kW (120 PS)	82,7 / 4	IN	PNIS097	7701471279	33,4x5,5x110,0	45	1
ENG. F4R 722	**Primastar 2.0i 16V**	2/03 →	1998 ccm	88 kW (120 PS)	82,7 / 4			7701474287 4411048 93160645 13201-00QAE			
						EX	PNIS098	7701473101 7701471280 7701474286 7701478130 4411049 93160646 13202-00QAE	28,9x5,5x108,9	45	1
ENG. GA14DE	**Almera I 1.4i 16V**	9/95-7/00	1392 ccm	55-64 kW (75-87 PS)	73,6 / 4	IN	PNIS125	13201-4M500	29,0x5,5x92,2	45	1
	Sunny III 1.4i 16V	10/90-5/95				EX	PNIS018	13202-57Y00 13202-2F000 13202-53Y00	24,0x5,5x92,6	45	1
ENG. MR20DE	**Qashqai 2.0i 16V**	06 →	1997 ccm	103 kW (140 PS)	84 / 4	IN	PNIS127	13201-EN20A 13201-EN20B	34,0x5,5x106,3	45	1
	X-Trail 2.0i 16V	08 →									
	Sentra 2.0i 16V	07 →				EX	PNIS128	13202-EN200 13202-EN20B	27,7x5,5x105,2	45	1
ENG. HR16DE	**Cube 1.6i 16V**	11/08 →	1598 ccm	81-84 kW (110-115 PS)	78 / 4	IN	PNIS129	13201-ED00A 13201-ED00C 13201-ED000	31,2x5,0x101,7	45	1
	Dualis 1.6i 16V	11/06 →									
	March 1.6i 16V	7/05 →									
	Micra 1.6i 16V	6/05 →				EX	PNIS130	13202-ED00A 13202-ED00C 13202-ED000	25,5x5,0x102,5	45	1
	Note 1.6i 16V	1/06 →									
	Qashqai 1.6i 16V	12/06 →									
	Tiida 1.6i 16V	2/07 →									



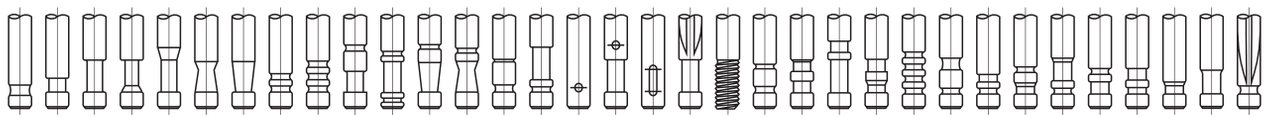
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
NISSAN BENZYNA											
ENG. D7F 722, 726	**Kubistar 1.2i**	7/03 →	1149 ccm	43-44 kW (58-60 PS)	69 / 4	IN	PNIS131	7701469266 13201-00QAG	32,8x6,0x106,8	30	1
						EX	PNIS132	7701469269 13202-00QAH	29,9x6,0x106,8	45	1
ENG. JN	**Santana 1.8**	1/84-12/94	1781 ccm	66 kW (90 PS)	81 / 4	IN	PNIS135	035109601H 035109601G	38,0x8,0x91,0	45	9
						IN	PNIS138	035109601J 035109601K	38,0x8,0x91,9	45	9
						IN	PNIS133	035109601C 035109601D 035109601F 035109603	38,0x8,0x98,7	45	9
						IN	PNIS139	026109601C 026109601F 026109601A	40,0x8,0x90,9	45	9
						EX	PNIS137	053109611 048109611A	33,2x8,0x91,2	45	9
						EX	PNIS136	026109611A	33,2x8,0x90,8	45	9
						EX	PNIS134	035109611F 035109611H	33,2x8,0x98,5	45	9
ENG. JL	**Santana 2.0i**	1/84-1/87	1994 ccm	77-81 kW (105-110 PS)	81 / 5	IN	PNIS138	035109601J 035109601K	38,0x8,0x91,9	45	9
						EX	PNIS137	053109611 048109611A	33,2x8,0x91,2	45	9



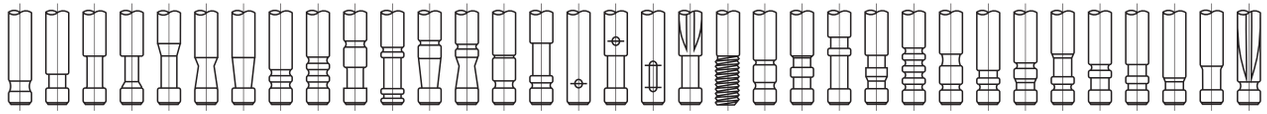
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
NISSAN DIESEL											
ENG. CD17	**Cherry 1.7 D**	10/82-5/86	1681 ccm	40-45 kW (54-61 PS)	80 / 4	IN	PNIS001	13201-16A00	36,0x7,0x100,9	45	32
	Langley 1.7 D	83 →				EX	PNIS002	13202-16A00	31,0x7,0x100,9	45	32
	Pulsar 1.7 D	4/82-8/90									
	Sunny 1.7 D	3/82-4/98									
ENG. Cd20	**Almera 2.0 D**	7/95-4/00	1974 ccm	55 kW (75 PS)	84,5 / 4	IN	PNIS003	13201-57J02	39,0x7,0x100,8	45	32
	Primera 2.0 D	7/90-12/01				IN	PNIS099	13201-60J02	39,0x7,0x99,7	45	32
	Serena 2.0 D	6/91-8/93						13201-60J04			
	Sunny 2.0 D	10/90-3/00				EX	PNIS004	13202-57J02	32,0x7,0x100,6	45	32
ENG. CD20T	**Almera/Primera 2.0 TD**	96 →	1974 ccm	66 kW (90 PS)	84,5 / 4	EX	PNIS100	13202-60J02	32,0x7,0x99,6	45	32
ENG. RD28Ti	**Patrol GR 2.8 TD**	10/97-02/00	2825 ccm	96 kW (130 PS)	85 / 6	IN	PNIS009	13201-0Y000	39,0x7,0x101,8	45	32
								13201-22J10			
								13201-22J11			
						EX	PNIS010	13202-4P400	32,0x7,0x101,6	45	32
								13202-40L01			
								13202-40L00			
ENG. RD28T	**Civillian 2.8 TD**		2825 ccm	85 kW (115 PS)	85 / 6	IN	PNIS009	13201-0Y000	39,0x7,0x101,8	45	32
	Patrol 2.8 TD	4/89-5/98						13201-22J10			
	Patrol GR 2.8 TD	9/88-9/97						13201-22J11			
						IN	PNIS109	13201-0Y010	39,0x7,0x102,8	45	2
								13201-22J00			
								13201-22J01			
								13201-22300			
								13201-22301			
						EX	PNIS010	13202-4P400	32,0x7,0x101,6	45	32
								13202-40L01			
								13202-40L00			
						EX	PNIS110	13202-V7202	32,0x7,0x102,6	45	2
								13202-V7203			
								13202-4P410			



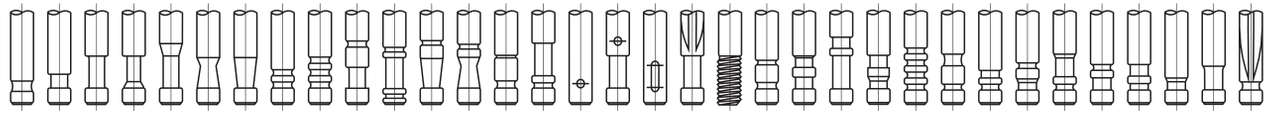
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
NISSAN DIESEL											
EN G. LD 20	**Bluebird**	80 →	1952 ccm	49 kW (64 PS)	85 / 4	IN	PNIS011	13201-05E00	39,3x8,0x118,2	45	1
	Vanette	82 →				EX	PNIS012	13202-23E00	32,0x8,0x118,2	45	1
ENG. Td27	**Fargo 2.7 D**	8/95 →	2664 ccm	62-73 kW (85-99 PS)	96 / 4	IN	PNIS013	13201-G2403	43,5x8,0x117,0	45	1
	Pickup 2.7 D	8/87-1/97						13201-43G01			
	Terrano I 2.7 D	8/87-11/95						1952666			
	Urvan 2.7 D	11/86-6/97				EX	PNIS014	13202-G2403	38,0x8,0x117,0	45	1
ENG. TD27T	**Cabstar 2.7 TD**	3/99-10/06	2664 ccm	66-74 kW (90-101 PS)	96 / 4			13202-31N01			
	Patrol 2.7 TD	5/98-12/05						1962501			
	Terrano I, II 2.7 TD	2/89-2/02									
	Pathfinder 2.7 TD	88 →									
ENG. TD27Ti Euro 2	**Terrano II 2.7 TDi**	1/96-3/06	2664 ccm	92 kW (125 PS)	96 / 4						
ENG. BD30	**Trade 3.0 D**	94-98			96 / 4						
ENG. BD30TI	**Trade 3.0 TDI**	96-98	2953 ccm		96 / 4						
	Alteon 110.35/56 3.0 TDI	00 →									
	Alteon 120.35/56 3.0 TDI	00 →									
	Cabstar E 110.35/45 3.0 TDI	98 →									
	Cabstar E 120.35/45 3.0 TDI	98 →									
ENG. TD42T	**Patrol 4.2 TD Intercooler**	97 →	4169 ccm		96 / 6						
EN G. TUD 5	**March 1.5 D**	3/92-97	1527 ccm	40-42 kW (54-57 PS)	77 / 4	IN	PNIS015	96150145	37,0x7,0x108,4	45	1
	Micra 1.5 D	2/98-10/02						0948.74			
								0948.A8			
								13201-6F900			
						EX	PNIS016	96150144	31,5x7,0x108,2	45	1
								0949.80			
								13202-6F900			



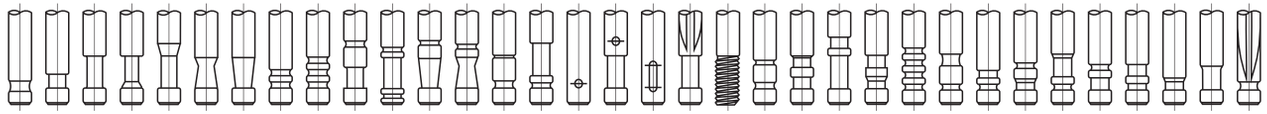
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
NISSAN DIESEL											
ENG. F9Q 760	**Primastar 1.9 dCi**	7/02-4/03	1870 ccm	74 kW (101 PS)	80 / 4	IN	PNIS024	7700110386	35,3x7,0x110,9	45	1
ENG. F9Q 762	**Primastar 1.9 dCi**	7/02-4/03	1870 ccm	60 kW (82 PS)	80 / 4			7700110387			
ENG. F9Q 770	**Interstar 1.9 DTi**	4/02-10/03	1870 ccm	58 kW (79 PS)	80 / 4			7701471702			
ENG. F9Q 772	**Interstar 1.9 dCi**	10/03 →	1870 ccm	60 kW (82 PS)	80 / 4			7701476024			
ENG. F9Q 780	**Interstar 1.9 DTi**	7/02-10/03	1870 ccm	59 kW (80 PS)	80 / 4			7701470251			
ENG. F9Q 800	**Primera 1.9 dCi**	1/03 →	1870 ccm	88 kW (120 PS)	80 / 4			8200828299			
ENG. F9Q 774	**Interstar 1.9 dCi**	10/03 →	1870 ccm	58-60 kW (79-82 PS)	80 / 4			13201-AW300			
								13201-00QAC			
								13201-00QAM			
								MW30620685			
								30889401			
								4402633			
								4415921			
						EX	PNIS025	7700110388	32,6x7,0x110,7	45	1
								7700110389			
								7701471703			
								7701476025			
								7701476256			
								7701470252			
								8200872426			
								13202-AW300			
								13202-00QAN			
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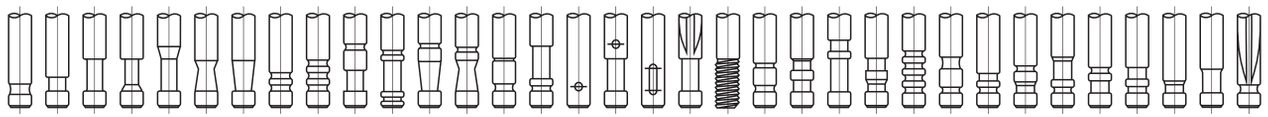
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
NISSAN DIESEL											
ENG. K9K 750	**Almera 1.5 dCi**	10/02-11/06	1461 ccm	60-65 kW (82-88 PS)	76 / 4	IN	PNIS095	7701473184	33,5x6,0x101,0	45	9
	March, Micra 1.5 dCi	2/03 →						7701476573			
ENG. K9K 702	**Kubistar 1.5 dCi**	9/03 →	1461 ccm	60-62 kW (82-85 PS)	76 / 4			13201-BN700			
ENG. K9K 704	**Kubistar 1.5 dCi**	8/03 →	1461 ccm	48-50 kW (65-68 PS)	76 / 4			13201-00QAN			
	March, 1.5 dCi	2/03 →				EX	PNIS096	7701473183	29,0x6,0x100,7	45	9
ENG. K9K 722	**Almera 1.5 dCi**	1/03-11/06	1461 ccm	60-63 kW (82-86 PS)	76 / 4			7701476572			
	Kubistar 1.5 dCi	8/03 →						13202-BN700			
	Micra 1.5 dCi	2/03 →						13202-00QAP			
ENG. K9K 700	**Kubistar 1.5 dCi**	9/03 →	1461 ccm	48-50 kW (65-68 PS)	76 / 4						
	March, 1.5 dCi	2/03 →									
ENG. K9K , K9K.A7/B7	**Note, Qashqai 1.5 dCi**	06 →	1461 ccm		76 / 4						
	Tiida 1.5 dCi	07 →									
	Kubistar 1.5 dCi	03 →									
ENG. LD20	**Bluebird 2.0 D**	84-90	1952 ccm	47 kW (63 PS)	84,5 / 6	IN	PNIS101	13201-V0700	39,0x8,0x117,0	45	2
	Cherry/Homy/Laurel 2000	80 →				EX	PNIS102	13202-V0701	32,0x8,0x117,0	45	2
	Serena 2.0 D	92 →									
	Skyline/Sunny 2000	80 →									
	Vanette 2000	95 →									
ENG. LD28	**Cedric/Gloria/Skyline 2800**	80 →	2792 ccm		85 / 4						
ENG. G9T 720, G9T 750, G9T 722	**Interstar 2.2 dCi 16V**	7/02 →	2188 ccm	66 kW (90 PS)	87 / 4	IN	PNIS103	13201-00QAD	30,7x6,0x123,2	45	9
ENG. G9U 630 Euro 4	**Primastar 2.5 dCi 16V**	7/06 →	2463 ccm	107 kW (145 PS)	89 / 4			7701472669			
ENG. G9U 632 Euro 4	**Interstar 2.5 dCi 16V**	7/06 →	2463 ccm	88-107 kW (120-145 PS)	89 / 4			4506083			
ENG. G9U 650 Euro 4	**Interstar 2.5 dCi 16V**	10/03 →	2463 ccm	74-88 kW (101-120 PS)	89 / 4	EX	PNIS104	13202-00QAD	29,5x6,0x123,0	45	9
ENG. G9U 720 Euro 3	**Interstar 2.5 dCi 16V**	7/02 →	2463 ccm	73-84 kW (99-115 PS)	89 / 4			7701472670			
ENG. G9U 730 Euro 3	**Primastar 2.5 dCi 16V**	9/03-7/06	2463 ccm	99 kW (135 PS)	89 / 4			4506084			



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
NISSAN DIESEL											
ENG. G9U.A7, G9U.B7	**Interstar 2.5 dCi 16V**	02 →	2463 ccm		89 / 4	IN	PNIS103	13201-00QAD	30,7x6,0x123,2	45	9
	Primastar 2.5 dCi 16V	03 →						7701472669			
ENG. G9T 700, G9T 710	**Interstar 2.2 dCi 16V**	02 →	2188 ccm	66 kW (90 PS)	89 / 4			4506083			
						EX	PNIS104	13202-00QAD	29,5x6,0x123,0	45	9
								7701472670			
								4506084			
ENG. SD25	**Atlas**	83 →	2488 ccm	57 kW (77 PS)	89 / 4	IN	PNIS105	13201-L2000	40,0x8,0x117,0	45	1
	F 22	83 →				EX	PNIS106	13202-L2000	34,0x8,0x117,0	45	1
	H 40	83 →									
ENG. SD23	**Atlas**	83 →	2289 ccm	54 kW (73 PS)	83 / 4						
	Homy 2300/Truck E23/F22	83 →									
	720	83 →									
ENG. LD23 Euro 2	**Cabstar 2.3 D**	3/99-10/06	2283 ccm	55 kW (75 PS)	84,5 / 4	IN	PNIS107	13201-90600	41,4x8,0x118,0	37	2
	Serena, Vanette 2.3 D	9/94-11/01						13201-9C600			
	Trade 2.3 D	98-01				EX	PNIS108	13202-90601	33,0x8,0x117,8	45	2
								13202-9C601			
ENG. B4.40/A/II/Ti	**Atleon 70.14-75.14**	04 →	3989 ccm		100 / 4	IN	PNIS123	13201-9X700	44,9x9,5x123,1	30	9
	Atleon 140, 140.75 4.0 D	00 →				EX	PNIS124	13202-9X700	38,9x9,5x123,4	45	9
	L35.095 4.0 D	93 →									
	L50/60/70.09/ L80.09/90 4.0 D	90 →									
	L70/75.14 4.0 TD	93 →									
T135 4.0 D			3989 ccm		100 / 4						

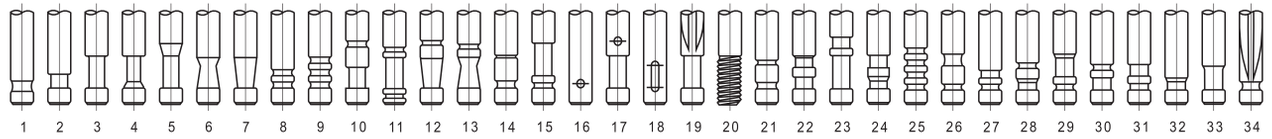


Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
NISSAN DIESEL											
ENG. B6.60/A/II/Ti/TII	**Atleon 166 6.0 TD**	04 →	5985 ccm		100 / 6	IN	PNIS123	13201-9X700	44,9x9,5x123,1	30	9
	Atleon 166.75 6.0 TD	00 →				EX	PNIS124	13202-9X700	38,9x9,5x123,4	45	9
	L80/110.14/ M110/125.14 6.0 D	90-93									
	M90/110.150/ M130/140.1560/ /M160.200 6.0 TD	93 →									
ENG. CY	**Santana 1.6 TD**	1/84-1/87	1588 ccm	51 kW (70 PS)	76,5 / 4	IN	PNIS140	068109601C 068109601D	34,0x8,0x104,9	45	9
						EX	PNIS141	068109611C 068109611D 072109611 1328089-6 1328148 1389262-5 9135927	31,2x8,0x104,6	45	9
						IN	PNIS142	068109601L 068109601M 068109601N	34,0x8,0x95,1	45	9
						EX	PNIS143	068109611L 068109611M	31,2x8,0x95,0	45	9

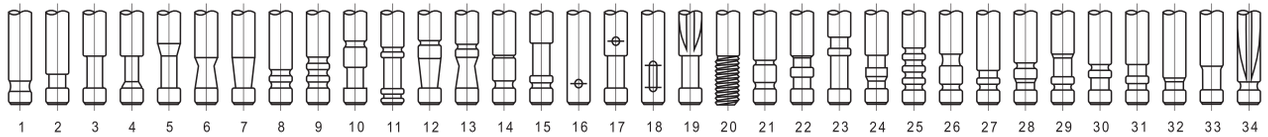


Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
NISSAN DIESEL											
ENG. M9T 696	**NV400 Autobus (X62, X62B) dCi 140**	06/14 - 09/16	2299 ccm	92 kW (125 PS)	4	IN	PNIS144	7701476596	27,7x6,0x103,9	45	9
						EX	PNIS145	7701476595	26,0x6,0x103,8	45	9
	NV400 Furgon (X62, X62B) dCi 140 RWD	06/14 - 09/16									
	NV400 Furgon (X62, X62B) 2.3 dCi 145 RWD	11/11 - 02/14									
	NV400 platforma / podwozie (X62, X62B) dCi 140 RWD	06/14 - 06/16									
	NV400 platforma / podwozie (X62, X62B) dCi 145 RWD	11/11 - 06/16									
ENG. M9T 880	**NV400 Autobus (X62, X62B) dCi 150**	02/14 - 09/16	2299 ccm	110 kW (150 PS)	4						
	NV400 Furgon (X62, X62B) 2.3 dCi 150	02/14 - 09/16									
	NV400 Furgon (X62, X62B) dCi 150 RWD	02/14 - 09/16									
	NV400 platforma / podwozie (X62, X62B) dCi 150	08/14 - 06/16									
	NV400 platforma / podwozie (X62, X62B) dCi 150 RWD	08/14 - 06/16									
ENG. M9T 896	**NV400 Furgon (X62, X62B) dCi 125 RWD**	11/11 - 09/16	2299 ccm	92 kW (125 PS)	4						
	NV400 platforma / podwozie (X62, X62B) dCi 125 RWD	11/11 - 06/16									

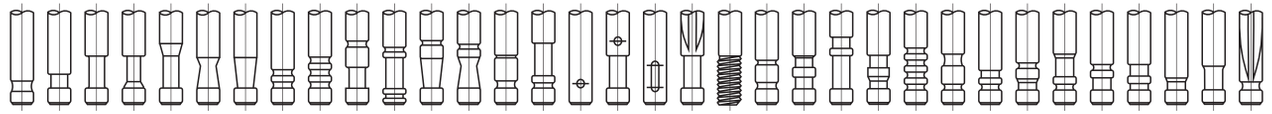
OM (OFFICINE MECCANICHE) ..... → FIAT/IVECO 121



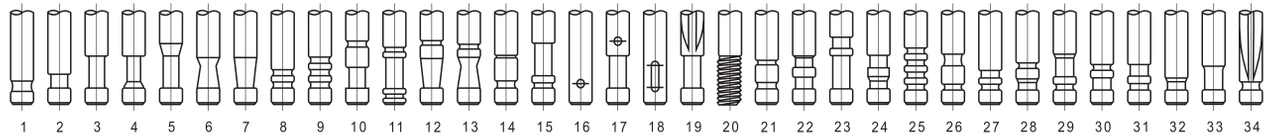
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL BENZYNA											
ENG. C 12 NZ, 12 NZ, X 12 SZ	**Combo 1.2i**	9/94-10/01	1196 ccm	33 kW (45 PS)	72 / 4	IN	POPE001	641002	33,0x7,0x104,6	45	1
	Corsa A 1.2i	9/90-8/94						90323519			
	Corsa B 1.2i	9/94-8/00				EX	POPE002	641302	29,0x7,0x104,6	45	1
	Nova 1.2i	9/90-9/94						90323524			
ENG. 14 NV	**Astra F 1.4**	9/91-9/93	1389 ccm	53-55 kW (72-75 PS)	77,6 / 4						
	Astra Mk II 1.4	1/90-8/91									
	Astra Mk III 1.4	9/91-9/93									
	Belmont 1.4	90-91									
	Cavalier III 1.4	9/88-11/95									
	Corsa A 1.4	1/90-8/94									
	Kadett E 1.4	1/90-8/91									
	Nova 1.4	1/90-8/94									
	Vectra A 1.4	9/88-9/92									
ENG. C 14 NZ	**Astra F 1.4i**	9/91-2/98	1389 ccm	40-44 kW (54-60 PS)	77,6 / 4						
	Astra Mk II 1.4i	1/90-8/91									
	Astra Mk III 1.4i	9/91-2/98									
	Belmont 1.4i	9/90-12/91									
	Combo 1.4i	9/94-10/01									
	Corsa A 1.4i	1/90-8/94									
	Corsa B 1.4i	9/94-8/00									
	Kadett E 1.4i	1/90-8/91									
	Nova 1.4i	1/90-8/94									
ENG. X 14 NZ	**Astra F 1.4i**	9/97-2/98	1389 ccm	44 kW (60 PS)	77,6 / 4						
	Astra Classic 1.4i	9/97-8/00									
	Astra Mk III 1.4i	9/97-2/98									
	Combo 1.4i	9/94-10/01									
	Corsa B 1.4i	3/96-9/00									



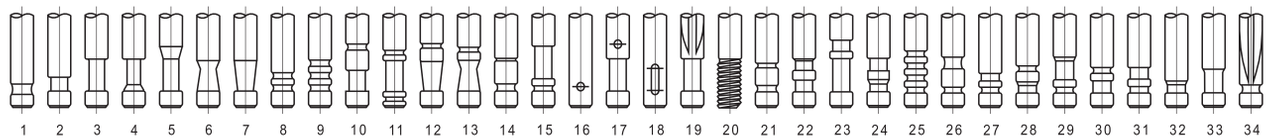
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL BENZYNA											
ENG. C 14 SEL	**Combo 1.4i 16V**	8/99-10/01	1389 ccm	60-66 kW (82-90 PS)	77,6 / 4	IN	POPE003	641034	31,0x6,0x103,1	45	9
	Corsa B 1.4i 16V	3/98-8/00						641061			
	Tigra 1.4i 16V	9/94-8/99						641080			
ENG. X 14 XE	**Astra F 1.4i 16V**	4/96-2/98	1389 ccm	66 kW (90 PS)	77,6 / 4			90412712			
	Astra G 1.4i 16V	9/97-9/00						90412912			
	Astra Mk III 1.4i 16V	4/96-2/98				EX	POPE004	641340	27,5x6,0x102,2	45	9
	Astra Mk IV 1.4i 16V	9/97-9//00						641375			
	Combo 1.4i 16V	8/99-10/01						641394			
	Corsa B 1.4i 16V	9/94-8/99						24463778			
	Tigra 1.4i 16V	9/94-8/99						55354874			
ENG. Z 14 XE	**Astra G 1.4i 16V**	9/00-9/04	1389 ccm	66 kW (90 PS)	77,6 / 4			90412974			
	Astra Mk IV 1.4i 16V	9/97 →									
	Corsa C 1.4i 16V	9/00-8/03									
ENG. C 16 SEL	**Astra G 1.6i 16V**	9/98-6/04	1598 ccm	74 kW (100 PS)	79 / 4						
	Astra Mk IV 1.6i 16V	9/98 →									
	Corsa B 1.6i 16V	6/98-8/00									
	Tigra 1.6i 16V	8/97-8/98									
ENG. C 16 XE	**Corsa B 1.6i 16V**	9/94-8/00	1598 ccm	80 kW (109 PS)	79 / 4						
ENG. X 16 XE	**Corsa B 1.6i 16V**	9/94-8/99	1598 ccm	78 kW (106 PS)	79 / 4						
	Tigra 1.6i 16V	9/94-8/99									
ENG. Y 16 XE	**Vectra B 1.6i 16V**	9/99-9/02	1598 ccm	74 kW (101 PS)	79 / 4						
ENG. Z 16 YNG KAT (Gas)	**Astra G 1.6i 16V (Gas)**	9/02-6/04	1598 ccm	71 kW (97 PS)	79 / 4						
	Astra Mk IV 1.6i 16V (Gas)	9/01 →									
	Corsa C 1.6i 16V (Gas)	1/02 →									
	Zafira A 1.6i 16V (Gas)	9/01 →									
	Zafira B 1.6i 16V (Gas)	3/05 →									
	Zafira Mk I 1.6i 16V (Gas)	9/01 →									
	Zafira Mk II 1.6i 16V (Gas)	8/05 →									



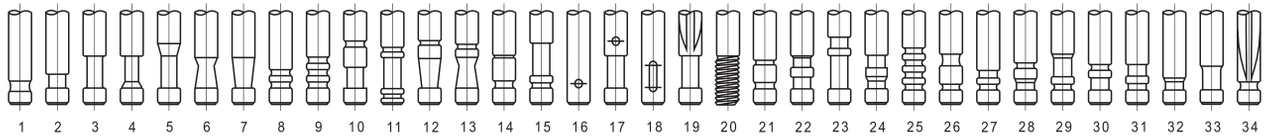
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL BENZYNA											
ENG. X 16 XEL	**Astra F 1.6i 16V**	8/94-9/98	1598 ccm	74 kW (100 PS)	79 / 4	IN	POPE003	641034	31,0x6,0x103,1	45	9
	Astra G 1.6i 16V	9/98-8/00						641061			
	Astra Classic 1.6i 16V	9/97-8/00						641080			
	Astra Mk III 1.6i 16V	9/94-2/98						90412712			
	Astra Mk IV 1.6i 16V	9/97-8/00						90412912			
	Vectra B 1.6i 16V	9/95-8/00				IN	POPE039	55557862	31,2x5,0x117,2	45	9
	Zafira A 1.6i 16V	3/99-8/99						24433078			
	Zafira Mk I 1.6i 16V	9/98-8/99						642011			
ENG. Z 16 XE	**Astra G 1.6i 16V**	9/00-6/04	1598 ccm	74 kW (100 PS)	79/ 4			642078			
	Astra Mk IV 1.6i 16V	9/00 →				EX	POPE004	641340	27,5x6,0x102,2	45	9
	Meriva A 1.6i 16V	3/03-2/06						641375			
	Vectra B 1.6i 16V	9/00-9/02						641394			
	Vectra C 1.6i 16V	9/01 →						24463778			
	Zafira A 1.6i 16V	9/99-7/05						55354874			
	Zafira Mk I 1.6i 16V	9/99-7/05						90412974			
						EX	POPE040	71739797	27,6x5,0x116,2	45	9
								55558728			
								24433079			
								641379			
								641401			
ENG. C 25 XE	**Calibra 2.5i 24V**	4/93-3/97	2498 ccm	125 kW (170 PS)	81,6 / 6	IN	POPE005	641022	32,0x6,0x102,1	45	9
	Cavalier III 2.5i 24V	2/93-11/95						90412277			
	Vectra A 2.5i 24V	9/95-9/00						4500849			
ENG. X 25 XE	**Calibra 2.5i 24V**	4/93-3/97	2498 ccm	125 kW (170 PS)	81,6 / 6	EX	POPE006	641325	29,0x6,0x92,2	45	9
	Omega B 2.5i 24V	4/94-11/00						90410813			
	Vectra B 2.5i 24V	4/96-2/98						4500864			
	Vectra B 500 2.5i 24V	5/98-9/00									



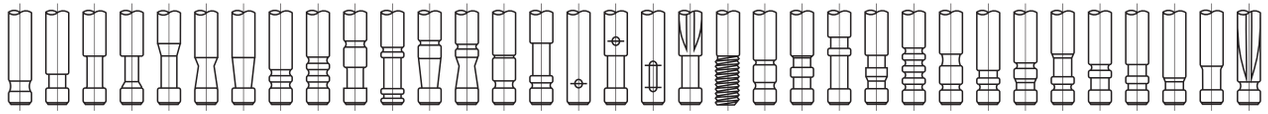
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL BENZYNA											
ENG. C 18 XE	**Astra F 1.8i 16V**	9/93-2/98	1796 ccm	92 kW (125 PS)	81,6 / 4	IN	POPE005	641022	32,0x6,0x102,1	45	9
	Astra Mk III 1.8i 16V	9/94-2/98						90412277			
ENG. C 18 XEL	**Astra F 1.8i 16V**	9/94-2/98	1796 ccm	85 kW (116 PS)	81,6 / 4			4500849			
	Astra Mk III 1.8i 16V	9/94-2/98				EX	POPE006	641325	29,0x6,0x92,2	45	9
ENG. X 18 XE	**Astra F 1.8i 16V**	9/95-8/97	1796 ccm	85 kW (116 PS)	81,6 / 4			90410813			
	Astra Mk III 1.8i 16V	9/95-8/97						4500864			
	Vectra B 1.8i 16V	9/95-8/00									
ENG. Y 26 SE	**Omega B 2.6i 24V**	9/00-9/03	2597 ccm	125 kW (170 PS)	83,2 / 6						
	Vectra B 2.6i 24V	9/00-9/02									
ENG. C 18 SEL	**Astra F 1.8i 16V**	9/95-8/97	1796 ccm	85 kW (116 PS)	84,8 / 4						
	Astra Mk III 1.8i 16V	9/95-8/97									
ENG. X 20 XEV	**Astra F/G 2.0i 16V**	1/95-6/04	1998 ccm	100 kW (136 PS)	86 / 4						
	Astra Mk III 2.0i 16V	1/95-2/98									
	Astra Mk IV 2.0i 16V	9/97 →									
	Calibra 2.0i 16V	9/93-3/97									
	Cavalier III 2.0i 16V	9/93-11/95									
	Omega B 2.0i 16V	9/93-8/99									
	Vectra A 2.0i 16V	11/93-8/95									
	Vectra B 2.0i 16V	9/95-8/01									
	Zafira A 2.0i 16V	2/99-7/05									
	Zafira Mk I 2.0i 16V	2/99-7/05									
ENG. X 30 XE	**Omega B 3.0i 24V**	4/94-2/01	2962 ccm	148 kW (201 PS)	86 / 6						
	Signum 3.0i 24V	8/05 →									
	Sintra 3.0i 24V	9/96-9/99									
ENG. X 22 XE	**Frontera A 2.2i 16V**	2/95-8/98	2198 ccm	104 kW (141 PS)	86 / 4						
	Signum 2.2i 16V	3/98-8/00									
	Sintra 2.2i 16V	9/96-9/99									



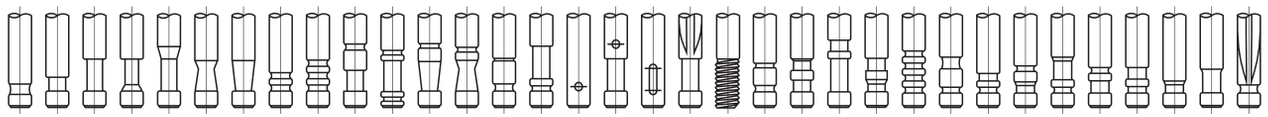
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL BENZYNA											
ENG. Y 22 SE	**Frontera B 2.2i 16V**	9/00 →	2198 ccm	100 kW (136 PS)	86 / 4	IN	POPE005	641022	32,0x6,0x102,1	45	9
ENG. Y 22 XE	**Omega B 2.2i 16V**	9/99-9/03	1998 ccm	106 kW (144 PS)	86 / 4			90412277			
ENG. Z 22 XE	**Omega B 2.2i 16V**	9/00-9/03	2198 ccm	106 kW (144 PS)	86 / 4			4500849			
	Signum 2.2i 16V	9/94-8/99				EX	POPE006	641325	29,0x6,0x92,2	45	9
ENG. Y 32 SE	**Omega B 3.2i 24V**	9/00-9/03	3175 ccm	160 kW (218 PS)	87,5 / 6			90410813			
ENG. Z 32 SE	**Signum 3.2i 24V**	5/03 →	3175 ccm	155 kW (211 PS)	87,5 / 6			4500864			
	Vectra C 3.2i 24V	8/02 →									
ENG. Z 24 XE	**Antara 2.4i 16V**	11/06 →	2405 ccm	100-103 kW (136-140 PS)	87,5 / 4						
ENG. 20 XE	**Kadett E 2.0i 16V**	3/88-8/91	1998 ccm	110-115 kW (150-156 PS)	86 / 4	IN	POPE007	642758	33,0x7,0x104,9	45	9
	Belmont 2.0i 16V	88-93						90322694			
	Cavalier III 2.0i 16V	90-11/95				EX	POPE008	642858	29,0x7,0x105,0	45	9
ENG. C 20 LET	**Calibra 2.0i Turbo 16V**	3/92-3/97	1998 ccm	150 kW (204 PS)	86 / 4			90322697			
	Vectra A 2.0i Turbo 16V	9/92-8/95									
	Cavalier III 2.0i Turbo 16V	9/92-8/95									
ENG. C 20 XE	**Astra F 2.0i 16V**	9/91-2/98	1998 ccm	110 kW (150 PS)	86 / 4						
	Astra Mk II/III 2.0i 16V	5/88-2/98									
	Belmont 2.0i 16V	91 →									
	Calibra 2.0i 16V	6/90-3/97									
	Cavalier III 2.0i 16V	90-95									
	Kadett E 2.0i 16V	3/88-8/91									
	Vectra A 2.0i 16V	9/89-8/95									



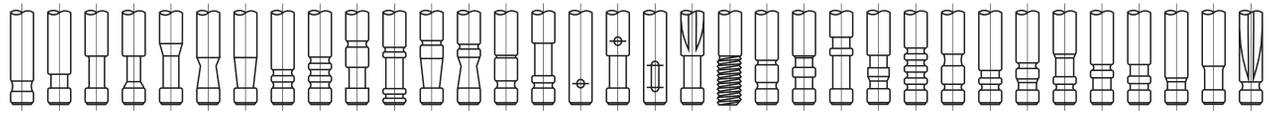
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL BENZYNA											
ENG. X 10 XE	**Corsa B 1.0i 12V**	9/96-8/99	973 ccm	40 kW (54 PS)	72,5 / 3	IN	POPE011	641045	28,0x5,0x93,85	45	9
ENG. Z 10 XE	**Agila A 1.0i 12V**	9/99-8/03	973 ccm	43 kW (58 PS)	72,5 / 3			641051			
	Corsa C 1.0i 12V	9/00-8/03						641052			
ENG. X 12 XE	**Astra G 1.2i 16V**	9/97-9/03	1199 ccm	48 kW (65 PS)	72,5 / 4			641094			
	Astra Mk IV 1.2i 16V	9/97-8/00						55568831			
	Corsa B 1.2i 16V	9/97-8/00						55570170			
ENG. Z 12 XE	**Agila A 1.2i 16V**	9/99-6/04	1199 ccm	55 kW (75 PS)	72,5 / 4			9158477			
	Astra G 1.2i 16V	9/00-9/03						90529527			
	Astra Mk IV 1.2i 16V	9/97 →				EX	POPE012	641364	25,0x5,0x93,85	45	9
	Corsa C 1.2i 16V	9/00-6/04						641354			
ENG. Z 12 XEP	**Agila A 1.2i 16V**	7/04-9/07	1229 ccm	159 kW (80 PS)	73,4 / 4			641365			
	Agila A 1.2i Twinport 16V	7/04-9/07						641095			
	Astra H 1.2i 16V	3/04 →						55565339			
	Astra Mk V 1.2i 16V	4/05 →						55567797			
	Corsa C 1.2i 16V	9/00 →						55568832			
	Corsa D 1.2i 16V	7/06 →						55570171			
ENG. Z 14 XEL	**Astra H 1.4i 16V**	9/04 →	1364 ccm	55 kW (75 PS)	73,4 / 4			90529529			
	Astra Mk V 1.4i 16V	9/04 →						9158474			
ENG. Z 14 XEP	**Astra G 1.4i 16V**	9/03-3/04	1364 ccm	66 kW (90 PS)	73,4 / 4						
	Astra H 1.4i 16V	3/04 →									
	Astra Mk V 1.4i 16V	3/04 →									
	Combo 1.4i 16V	9/04 →									
	Corsa C 1.4i 16V	9/03 →									
	Corsa D 1.4i 16V	9/06 →									
	Meriva A 1.4i 16V	9/04 →									
	Tigra B 1.4i 16V	9/04 →									



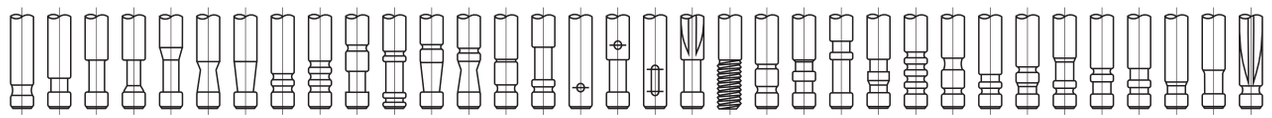
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL BENZYNA											
ENG. Z 10 XEP	**Agila A 1.0i 12V**	9/03-9/07	998 ccm	44 kW (60 PS)	73,4 / 3	IN	POPE011	641045	28,0x5,0x93,85	45	9
	Agila A 1.0i Twinport 12V	9/03-9/07						641051			
	Corsa C 1.0i 12V	9/03 →						641052			
	Corsa D 1.0i 12V	9/06 →						641094			
ENG. A 12 XER Euro 5	**Corsa D 1.2i 16V**	6/10 →	1229 ccm	63 kW (86 PS)	73,4 / 4			55568831			
ENG. A 14 XER	**Astra J 1.4i 16V**	11/09 →	1364 ccm	74 kW (101 PS)	73,4 / 4			55570170			
	Corsa D 1.4i 16V	1/10 →						9158477			
	Meriva B 1.4i 16V	5/10 →						90529527			
	Astra Mk VI 1.4i 16V	11/09 →				EX	POPE012	641364	25,0x5,0x93,85	45	9
ENG. A 10 XEP Euro 5	**Corsa D 1.0i 12V**		998 ccm	44 kW (60 PS)	73,4 / 3			641354			
								641365			
								641095			
								55565339			
								55567797			
								55568832			
								55570171			
								90529529			
								9158474			
ENG. C 14 SE	**Astra F 1.4i**	3/92-2/98	1389 ccm	60 kW (82 PS)	77,6 / 4	IN	POPE015	641015	38,0x7,0x104,6	45	1
	Astra Mk III 1.4i	3/92-2/98						90409992			
	Corsa A 1.4i	9/91-8/94				EX	POPE016	641317	31,0x7,0x104,6	45	1
	Corsa B 1.4i	9/94-8/00						90409996			
	Combo 1.4i	9/94-10/01									
	Nova 1.4i	9/91-8/94									
ENG. 14 SE	**Astra F 1.4i**	3/92-2/98	1389 ccm	60 kW (82 PS)	77,6 / 4						
	Astra Mk III 1.4i	3/92-2/98									
ENG. X 14 SZ	**Combo 1.4i**	9/96-10/01	1389 ccm	44 kW (60 PS)	77,6 / 4						
	Corsa B 1.4i	3/96-9/00									



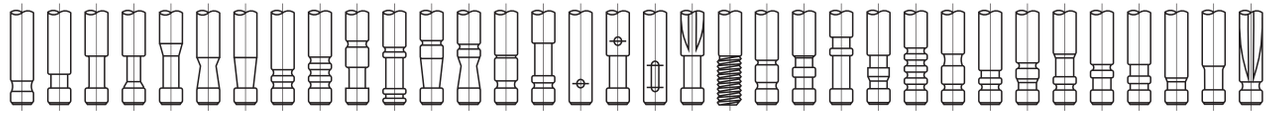
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL BENZYNA											
ENG. 13 N, 13 NB	**Ascona B 1.3**	3/79-8/81	1297 ccm	44 kW (60 PS)	75 / 4	IN	POPE017	642763	33,0x7,0x104,5	45	1
	Ascona C 1.3	9/81-8/86						90106098			
	Astra Mk II 1.3	9/84-8/91				EX	POPE018	642890	29,0x7,0x104,5	45	1
	Cavalier I 1.3	8/77-8/81						90106086			
	Cavalier II 1.3	9/81-8/88									
	Chevette 1.3	3/75-12/85									
	Combo 1.3	86-89									
	Corsa A 1.3	3/86-10/89									
	Kadett D 1.3	8/79-8/84									
	Kadett E 1.3	9/84-8/91									
	Manta B 1.3	3/79-12/80									
	Nova 1.3	9/85-10/89									
ENG. 13 SB	**Corsa A 1.3**	9/82-8/94	1297 ccm	51 kW (70 PS)	75 / 4						
	Nova 1.3	5/83-9/94									
ENG. 13 S	**Ascona B 1.3**	3/79-8/81	1297 ccm	50-55 kW (68-75 PS)	75 / 4						
	Ascona C 1.3	9/81-8/88									
	Astra Mk I 1.3	9/79-8/84									
	Astra Mk II 1.3	9/84-8/87									
	Belmont 1.3	9/85-9/93									
	Cavalier II 1.3	9/81-8/88									
	Chevette 1.3	3/75-12/85									
	Combo 1.3	86-89									
	Corsa A 1.3	9/82-2/93									
	Kadett D 1.3	8/79-8/84									
	Kadett E 1.3	9/84-8/91									
	Manta B 1.3	8/79-8/86									
	Nova 1.3	5/83-8/94									



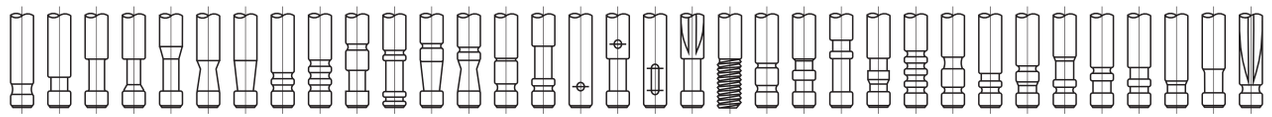
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
OPEL / VAUXHALL BENZYNA											
ENG. C 13 N	**Astra Mk II 1.3i**	9/85-8/91	1297 ccm	44 kW (60 PS)	75 / 4	IN	POPE017	642763	33,0x7,0x104,5	45	1
	Corsa A 1.3i	9/85-12/92						90106098			
	Kadett E 1.3i	9/96-10/01				EX	POPE018	642890	29,0x7,0x104,5	45	1
	Nova 1.3i	5/89-8/94						90106086			
ENG. 12 ST	**Corsa A 1.2**	9/82-8/94	1196 ccm	37-43 kW (50-58 PS)	77,8 / 4						
	Kadett D 1.2	8/82-8/84									
	Kadett E 1.2	9/84-8/88									
	Nova 1.2	9/86-12/90									
ENG. 12 NV	**Corsa A 1.2**	9/86-8/94	1196 ccm	40 kW (54 PS)	77,8 / 4						
	Nova 1.2	9/86-8/94									
ENG. 12 S OHV, 12 S OHC	**Ascona A 1.2**	4/72-8/75	1196 ccm	44 kW (60 PS)	79 / 4						
	Ascona B 1.2	9/75-2/79									
	Astra Mk I 1.2	2/82-8/84									
	Astra Mk II 1.2	9/84-8/91									
	Corsa A 1.2	9/86-2/93									
	Kadett B 1.2	8/71-8/73									
	Kadett C 1.2	8/79-8/84									
	Kadett D 1.2	8/79-7/86									
	Kadett E 1.2	9/84-8/88									
	Manta A 1.2	4/72-8/75									
	Manta B 1.2	9/75-8/81									
	Nova 1.2	9/86-8/94									
ENG. 16 SV	**Ascona C 1.6**	9/86-8/88	1598 ccm	60 kW (82 PS)	79 / 4	IN	POPE019	642679	38,0x7,0x101,1	45	1
	Astra Mk II 1.6	9/84-12/91						90232973			
	Belmont 1.6	9/85-9/93						90295011			
	Cavalier II 1.6	9/88-11/95				EX	POPE020	642854	31,0x7,0x101,1	45	1
	Kadett E 1.6	9/86-8/91						642911			
	Vectra A 1.6	9/88-8/95						90232977			
								90295015			



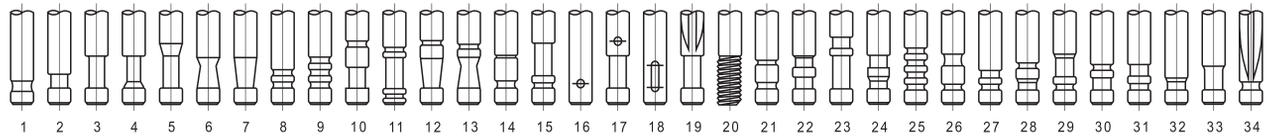
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL BENZYNA											
ENG. X 16 SZR, 16 NZR	**Astra F 1.6i**	9/94-2/98	1598 ccm	55 kW (75 PS)	79 / 4	IN	POPE019	642679	38,0x7,0x101,1	45	1
	Astra G 1.6i	9/97-8/00						90232973			
	Astra Classic 1.6i	3/92-2/98						90295011			
	Astra Mk III 1.6i	9/91-2/98				EX	POPE020	642854	31,0x7,0x101,1	45	1
	Astra Mk IV 1.6i	9/97-8/00						642911			
	Vectra B 1.6i	9/95-9/00						90232977			
ENG. Z 16 SE	**Astra G 1.6i**	9/00-6/04	1598 ccm	62 kW (84 PS)	79 / 4			90295015			
	Astra Mk IV 1.6i	9/97-8/00									
	Combo 1.6i	10/01-8/04									
	Corsa C 1.6i	9/01-11/06									
	Meriva A 1.6i	3/03 →									
ENG. 16 NZ2	**Astra F 1.6i**	3/92-2/98	1598 ccm	55 kW (75 PS)	80 / 4						
	Astra Mk III 1.6i	9/91-2/98									
ENG. X 18 XE1	**Astra G 1.8i 16V**	9/97-8/00	1796 ccm	85 kW (116 PS)	80,5 / 4	IN	POPE027	641048	31,2x5,0x101,4	45	9
	Astra Mk IV 1.8i 16V	9/97-8/00						90536095			
	Vectra B 1.8i 16V	9/98-8/00				EX	POPE028	641357	27,5x5,0x100,8	45	9
	Zafira A 1.8i 16V	3/99-8/00						90536164			
	Zafira Mk I 1.8i 16V	3/99-9/00									
ENG. Z 18 XE	**Astra G 1.8i 16V**	9/00-6/04	1796 ccm	90-92 kW (122-125 PS)	80,5 / 4						
	Astra H 1.8i 16V	3/04 →									
	Astra Mk IV 1.8i 16V	9/00 →									
	Astra Mk V 1.8i 16V	3/04 →									
	Corsa C 1.8i 16V	9/01 →									
	Meriva A 1.8i 16V	3/03 →									
	Signum 1.8i 16V	5/03 →									
	Tigra B 1.8i 16V	9/04 →									
	Vectra B 1.8i 16V	9/00-9/02									
	Vectra C 1.8i 16V	9/01 →									
	Zafira A 1.8i 16V	9/00 →									
	Zafira Mk I 1.8i 16V	9/00 →									



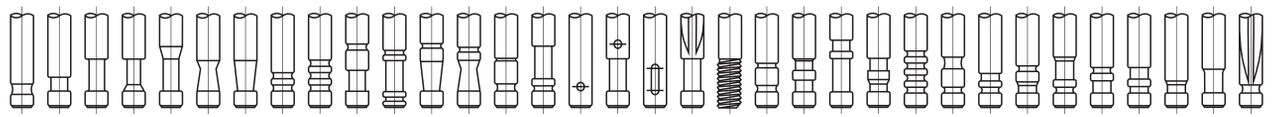
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL BENZYNA											
ENG. Z 18 XEL	**Astra G 1.8i 16V**	3/01-6/04	1796 ccm	81-85 kW (110-116 PS)	80,5 / 4	IN	POPE027	641048	31,2x5,0x101,4	45	9
	Astra Mk IV 1.8i 16V	3/01 →						90536095			
	Vectra B 1.8i 16V	3/01-9/02				EX	POPE028	641357	27,5x5,0x100,8	45	9
	Vectra C 1.8i 16V	9/01 →						90536164			
ENG. 18 E	**Ascona C 1.8i**	9/82-8/88	1796 ccm	85 kW (115 PS)	84,8 / 4	IN	POPE029	642667	41,8x7,0x104,2	45	1
	Astra Mk I/II 1.8i	5/83-8/91						90220119			
	Cavalier II 1.8i	9/81-8/88						90220121			
	Kadett D 1.8i	2/83-8/84						90295019			
	Kadett E 1.8i	9/84-8/86				EX	POPE036	641306	36,5x7,0x103,7	45	1
ENG. C 18 NE	**Ascona C 1.8i**	9/97-9/00	1796 ccm	74 kW (100 PS)	84,8 / 4			642829			
	Astra Mk II 1.8i	10/85-8/86						90323756			
	Cavalier II 1.8i	1/85-12/90						90323757			
	Kadett E 1.8i	6/85-8/86									
ENG. C 18 NT	**Astra Mk II 1.8**	9/84-8/91	1796 ccm	66 kW (90 PS)	84,8 / 4						
	Kadett E 1.8	6/85-8/86									
ENG. C 18 NV	**Rekord E 1.8i**	5/85-8/86	1796 ccm	74 kW (100 PS)	84,8 / 4						
ENG. 18 SE	**Ascona C 1.8i**	9/86-8/88	1796 ccm	82-85 kW (112-116 PS)	84,8 / 4						
	Astra F 1.8i	9/95-9/96									
	Astra Mk II 1.8i	9/86-8/91									
	Astra Mk III 1.8i	9/94-2/98									
	Belmont 1.8i	9/85-3/93									
	Cavalier II 1.8i	9/86-8/88									
	Kadett E 1.8i	9/84-8/91									
ENG. 18 SEH	**Carlton III 1.8i**	9/86-10/94	1796 ccm	85 kW (116 PS)	84,8 / 4						
	Omega 1.8i	9/86-3/94									



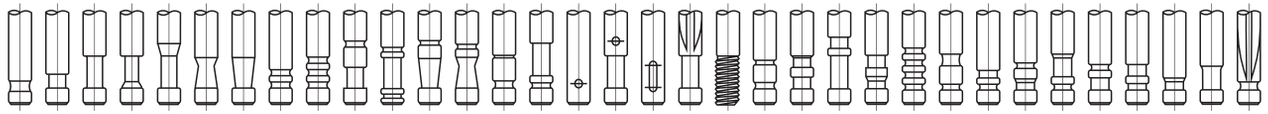
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL BENZYNA											
ENG. 20 NEJ	**Vectra B 2.0i**	9/95-9/99	1998 ccm	82 kW (111 PS)	86 / 4	IN	POPE029	642667	41,8x7,0x104,2	45	1
ENG. 20 E	**Ascona B 2.0i**	9/75-8/81	1979 ccm	81 kW (110 PS)	95 / 4			90220119			
	Carlton II 2.0i	10/78-11/86						90220121			
	Cavalier II 2.0i	3/05 →						90295019			
	Kadett C 2.0i	8/73-7/79				EX	POPE036	641306	36,5x7,0x103,7	45	1
								642829			
								90323756			
								90323757			
ENG. F4R 720, F4R 820	**Vivaro 2.0i 16V**	3/01 →	1998 ccm	88 kW (120 PS)	82,7 / 4	IN	POPE030	7701471279	33,4x5,5x110,0	45	1
								7701474287			
								4411048			
								93160645			
								13201-00QAE			
						EX	POPE031	7701473101	28,9x5,5x108,9	45	1
								7701471280			
								7701474286			
								7701478130			
								4411049			
								93160646			
								13202-00QAE			
ENG. Z 16 XEP	**Astra G 1.6i 16V**	3/03-6/04	1598 ccm	76 kW (104 PS)	79 / 4	IN	POPE039	55557862	31,2x5,0x117,2	45	9
	Astra H 1.6i 16V	3/04 →						24433078			
	Astra Mk IV 1.6i	9/02 →						642011			
	Astra Mk V 1.6i	3/04 →						642078			
	Meriva A 1.6i 16V	2/06 →				EX	POPE040	71739797	27,6x5,0x116,2	45	9
	Vectra C 1.6i 16V	9/01 →						55558728			
	Zafira B 1.6i 16V	7/05 →						24433079			
	Zafira Mk II 1.6i 16V	7/05 →						641379			
ENG. Z 16 XER	**Astra H 1.6i 16V**	07 →	1598 ccm	85 kW (115 PS)	79 / 4			641401			



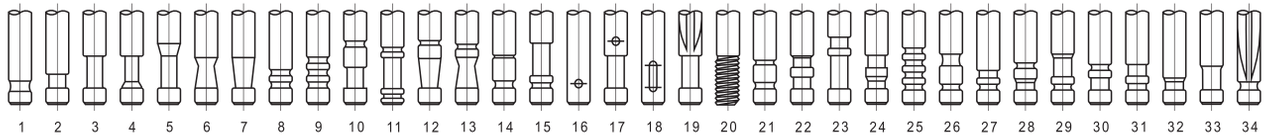
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL BENZYNA											
ENG. Z 16 XE1	**Zafira B 1.6i 16V**	07 →	1598 ccm	77 kW (105 PS)	79 / 4	IN	POPE039	55557862	31,2x5,0x117,2	45	9
	Zafira Mk II 1.6i 16V	07 →						24433078			
ENG. A 16 LET Euro 5	**Astra J 1.6i Turbo 16V**	11/09 →	1598 ccm	132 kW (180 PS)	79 / 4			642011			
	Astra Mk VI 1.6i Turbo 16V	11/09 →						642078			
						EX	POPE040	71739797	27,6x5,0x116,2	45	9
	Insignia 1.6i Turbo 16V	11/08 →						55558728			
								24433079			
								641379			
								641401			
ENG. 10 S	**Corsa A /A TR 1.0**	9/82-3/93	993 ccm	29-37 kW (39-50 PS)	72 / 4	IN	POPE045	642675	32,0x7,0x99,0	45	1
	Kadett A 1.0S	9/62-8/65						902565074			
	Nova 1.0	9/82-3/93				EX	POPE046	642837	27,0x7,0x99,4	45	1
ENG. 16S	**Ascona A/A Voyage 1.6S**	10/70-8/75	1584 ccm	55-59 kW (75-80 PS)	80 / 4	IN	POPE073	642635	35,0x7,98x106,0	45	45
	Ascona B 1.6S	9/75-8/81						90106792			
	Kadett C/C City 1.6S	5/77-7/79				EX	POPE074	642789	32,0x7,96x106,6	45	45
	Manta A 1.6	9/70-8/75						90106797			
	Manta B 1.6S	9/75-12/81									
ENG. 16S	**Astra 1.6S**	9/81-8/86	1598 ccm	55-66 kW (75-90 PS)	80 / 4						
	Astra Mk II 1.6S	9/84-8/86									
	Belmont 1600	82 →									
ENG. 16N/16S/16SH	**Cavalier 1600**	80 →	1598 ccm	55-59 kW (75-80 PS)	80 / 4						
ENG. 16S	**Ascona L/Berlina SR**	81 →	1598 ccm	66 kW (90 PS)	80 / 4						
	Kadett L/Berlina SR	81 →									
	Kadett 1.6 S	85 →									



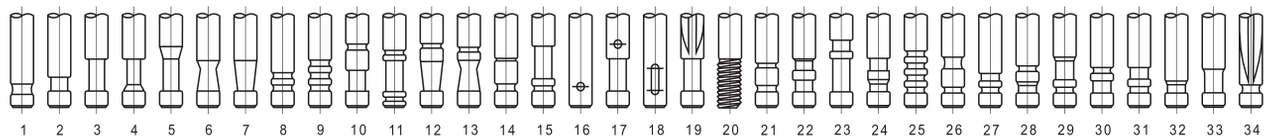
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL BENZYNA											
ENG. 18E, C18NE, C18NT	**Ascona C 1.8i**	9/82-8/86	1796 ccm	82-85 kW (112-116 PS)	84,8 / 4	IN	POPE091	642647	41,0x7,98x106,0	45	1
	Kadett D 1.8 GT/E	2/83-8/84						90136614			
	Kadett E 1.8/1.8i/1.8 GSI	9/84-8/90				EX	POPE092	642793	35,0x7,96x106,0	45	1
	Astra 1.8 GTE	3/83-8/91						90136621			
	Astra Mk II Belmont 1.8i	9/85-8/91									
	Astra Mk II 1.8i	1/90-8/91									
	Cavalier Mk II 1.8i	9/81-8/88									
	Carlton/Combo 1.8	82 →									
ENG. 20 E CIH	**Manta B 2.0i**	9/75-8/88	1979 ccm	77-85 kW (105-115 PS)	95 / 4	IN	POPE097	642750	42,0x9,0x123,0	45	1
	Monza A 2.0i	3/83-10/84						09292660			
	Rekord E 2.0i	8/79-8/86				EX	POPE098	642873	37,0x9,0x123,7	45	26
	Senator A 2.0i	3/83-10/84						09292324			
ENG. 20 S	**Ascona B 2.0**	9/75-8/81	1979 ccm	74 kW (101 PS)	95 / 4				+.003"		
	Cavalier I 2.0	9/70-8/75				IN	POPE099	642751	42,0x9,07x123,0	45	1
	Manta B 2.0	9/75-8/85						092292661			
	Rekord D 2.0	9/75-8/77				EX	POPE100	642874	37,0x9,07x123,7	45	26
	Rekord E 2.0	8/79-8/86						09292325			
ENG. 30 H	**Monza/Senator A 3.0**	4/78-7/82	2969 ccm	110 kW (150 PS)	95 / 6				+.006"		
	Royale 3.0 I/E	78 →				IN	POPE101	642752	42,0x9,15x123,0	45	1
	Kadett/Manta E-GT	75-77	1897 ccm	66 kW (90 PS)	93 / 4			092292662			
						EX	POPE102	642875	37,0x9,15x123,7	45	26
								09292326			



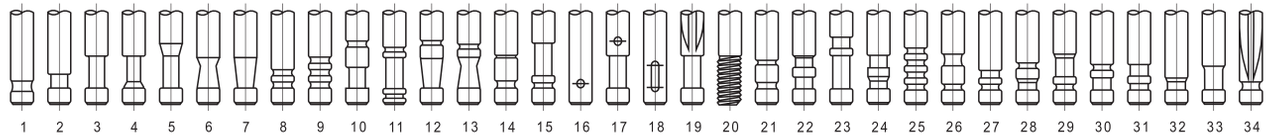
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL BENZYNA											
ENG. A 20 NHT	**Insignia 2.0i Turbo 16V**	11/08 →	1988 ccm	162 kW (220 PS)	86 / 4	IN	POPE115	12575793	35,1x6,0x102,3	45	9
ENG. Z 20 NHH	**GT 2.0 SI-DI Turbo 16V**	6/07 →	1998 ccm	191-194 kW (260-264 PS)	86 / 4			12786696			
ENG. Z 22 SE	**Astra G 2.2i 16V**	9/00-6/04	2198 ccm	108 kW (147 PS)	86 / 4			55192156			
	Speedster 2.2i 16V	9/00 →						55563529			
	Vectra B 2.2i 16V	9/00-9/02						641056			
	Vectra C 2.2i 16V	9/01 →						641063			
	Zafira A 2.2i 16V	9/00 →						71739277			
	Astra Mk IV 2.2i 16V	9/00 →				EX	POPE116	12597371	30,1x6,0x100,9	45	9
	VX 220 2.2i 16V	9/00 →						12791961			
	Zafira Mk I 2.2i 16V	9/00 →						24454518			
ENG. Z 22 YH	**Astra H 2.2i 16V**	04 →	2198 ccm	110-114 kW (150-155 PS)	86 / 4			4805043			
	Signum 2.2i 16V	5/03 →						641373			
	Vectra C 2.2i 16V	9/03 →						641376			
	Zafira B 2.2i 16V	3/05 →						641380			
	Signum 2.2i 16V	5/03 →						71739320			
	Zafira MK II 2.2i 16V	7/05 →						71739686			
ENG. Z 20 NET	**Vectra 1.8 16V Turbo**	03 →	1998 ccm		86 / 4						
	Signmum 1.8 16V Turbo	03 →									
	Opel 1.6		1600 ccm			IN	POPE117		36,8x7,0x104,0	45	1
						EX	POPE118		33,0x7,0x105,0	45	1
ENG. Z 16 LET	**Astra H 1.6i Turbo 16V**	2/06 →	1598 ccm	132 kW (179 PS)	79 / 4	IN	POPE119	641076	31,2x5,0x113,8	45	9
	Meriva A 1.6i Turbo 16V	2/06 →						55557741			
ENG. Z 16 LER	**Corsa D 1.6i Turbo 16V**	9/07-11/09	1598 ccm	141 kW (192 PS)	79 / 4	EX	POPE120	641391	27,5x5,0x113,2	45	9
ENG. A 16 XER	**Astra J 1.6i 16V**	11/09 →	1598 ccm	85 kW (115 PS)	79 / 4			641392			
	Insignia 1.6i 16V	11/08 →						55355572			
ENG. Z 16 LEL	**Corsa D 1.6i Turbo 16V**	9/07-11/09	1598 ccm	110 kW (150 PS)	79 / 4			71744388			



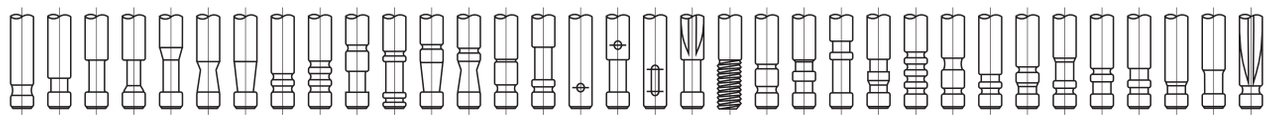
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL BENZYNA											
ENG. Z 18 XER	**Astra H 1.8i 16V**	3/04 →	1796 ccm	103 kW (140 PS)	80,5 / 4	IN	POPE119	641076	31,2x5,0x113,8	45	9
	Signum 1.8i 16V	10/05 →						55557741			
	Vectra C 1.8i 16V	1/06 →				EX	POPE120	641391	27,5x5,0x113,2	45	9
	Zafira B 1.8i 16V	3/05 →						641392			
	Zafira Mk II 1.8i 16V	7/05 →						55355572			
ENG. A 18 XER	**Insignia 1.8i 16V**	11/08 →	1796 ccm	103 kW (140 PS)	80,5 / 4			71744388			
ENG. No. 300000, No. 300001	**Ascona 1.6 N**	ENG. 70-76	1566 ccm	44-55 kW (60-75 PS)	85 / 4	EX	POPE121	642845	34,0x9,0x125,2	45	26
	Manta 1.6 N	ENG. 76 →									
ENG. No. 230704, No. 230705	**Ascona 1.6 S**	ENG. 70-76	1566 ccm	44-55 kW (60-75 PS)	85 / 4						
	Manta 1.6 S	ENG. 76 →									
	Kadett S	70-82	1566 ccm	55 kW (75 PS)	85 / 4						
ENG. No. 400000, No. 400001	**Rekord 1700**	ENG. 65-71	1698 ccm	44 kW (60 PS)	88 / 4						
ENG. No. 795336, No. 795337	**Rekord 1700 S**	ENG. 72-74	1698 ccm	61 kW (83 PS)	88 / 4						



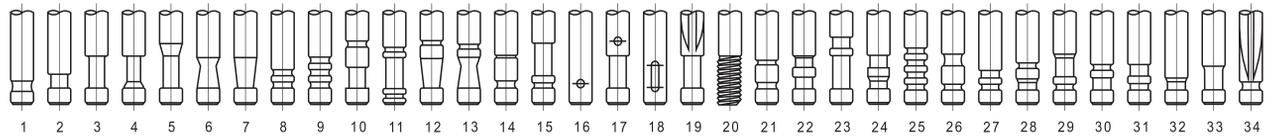
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL DIESEL											
ENG. 16 D, 16 DA	**Astra Mk I 1.6 D**	3/82-8/84	1598 ccm	40 kW (54 PS)	80 / 4	IN	POPE009	642651	36,0x8,0x123,2	45	1
	Astra Mk II 1.6 D	9/84-12/89						90009534			
	Ascona C 1.6 D	3/82-8/88						90169309			
	Belmont 1.6 D	9/85-9/93				EX	POPE010	642818	32,0x8,0x123,2	45	1
	Cavalier II 1.6 D	3/82-8/88						641353			
	Kadett D 1.6 D	3/82-8/84						90499097			
	Kadett E 1.6 D	9/84-1/89							+.003"		
	Combo 1.6 D	84-99				IN	POPE103	642652	36,0x8,07x123,2	45	1
ENG. 17 D	**Astra F 1.7 D**	12/91-8/94	1699 ccm	42 kW (57 PS)	82,5 / 4			90169310			
	Astra Mk II 1.7 D	1/89-8/91				EX	POPE104	642819	32,0x8,07x123,2	45	1
	Astra Mk III 1.7 D	12/91-2/98						90169315			
	Belmont 1.7 D	9/85-9/91							+.006"		
	Cavalier III 1.7 D	9/88-11/95				IN	POPE105	642653	36,0x8,15x123,2	45	1
	Kadett E 1.7 D	2/89-8/91				EX	POPE106	642820	32,0x8,15x123,2	45	1
	Vectra A 1.7 D	10/88-8/95									
ENG X 17 DTL	**Astra F 1.7 TD**	9/94-2/98	1699 ccm	50 kW (68 PS)	82,5 / 4						
	Astra G 1.7 TD	3/98-8/00									
	Astra Mk III 1.7 TD	7/95-2/98									
	Astra Mk IV 1.7 TD	3/98-8/00									
ENG. 17 DR	**Astra F 1.7 D**	12/91-8/94	1699 ccm	42-44 kW (57-60 PS)	82,5 / 4						
	Astra Mk II 1.7 D	1/89-8/91									
	Astra Mk III 1.7 D	12/91-2/98									
	Cavalier III 1.7 D	7/92-11/95									
	Kadett E 1.7 D	2/89-8/91									
	Vectra A 1.7 D	10/88-8/95									
	Combo 1.7 D	7/94-10/01									



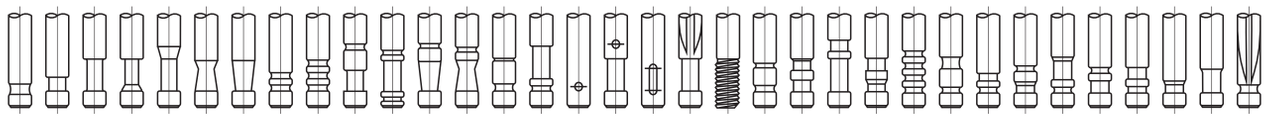
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL DIESEL											
ENG. X 15 TD	**Corsa B 1.5 TD**	9/94-8/00	1487 ccm	49 kW (67 PS)	76 / 4	IN	POPE013	8943268430	34,6x7,0x104,1	45	1
ENG. 15 D, X 15 D	**Corsa A 1.5 D**	9/87-8/94	1487 ccm	37 kW (50 PS)	76 / 4			641007			
	Corsa B 1.5 D	9/94-8/00						641000			
	Nova 1.5 D	9/87-8/94						94370173			
ENG. 15 TD	**Astra Mk II 1.5 TD**	1/87-8/90	1487 ccm	49-53 kW (67-72 PS)	76 / 4	EX	POPE014	641322	30,6x7,0x104,0	45	1
	Corsa A 1.5 TD	9/88-8/94						641300			
	Corsa B 1.5 TD	9/94-8/00						641301			
	Kadett E 1.5 TD	9/88-8/91						97037591			
	Nova 1.5 TD	1/90-8/94						8941150592			
ENG. 17 TD, X 17 DT	**Astra F 1.7 TD**	12/91-2/98	1686 ccm	60 kW (82 PS)	79 / 4			8941100173			
	Astra Mk III 1.7 TD	12/91-2/98									
	Cavalier III 1.7 TD	9/88-11/95									
	Kadett E 1.7 TD	2/90-8/91									
	Vectra A 1.7 TD	3/90-8/95									
	Vectra B 1.7 TD	9/95-9/96									
ENG. 17 D (4EEI), X 17 D	**Combo 1.7 D**	9/94-10/01	1686 ccm	44 kW (60 PS)	79 / 4						
	Corsa B 1.7 D	9/94-8/00									
ENG. 4EC1-T	**Astra Mk II 1.5 TD**	1/87-8/89	1488 ccm	49-54 kW (67-73 PS)	76 / 4						
ENG. X 25 TD	**Omega B 2.5 TD**	8/96-2/01	2498 ccm	96 kW (131 PS)	80 / 6	IN	POPE021	11342244814	36,0x6,0x103,7	45	9
ENG. M51 D25 BMW	**Omega 2.5 TD**	93 →	2497 ccm	85 kW (115 PS)	80 / 6			11342246524			
ENG. 25 TD	**Frontera 2.5 TD**	96-98	2498 ccm	96 kW (131 PS)	80 / 6			90511366			
								641041			
								STC2156			
						EX	POPE022	11342244815	31,0x6,0x103,5	45	9
								11342246525			
								90511374			
								641346			
								STC2149			



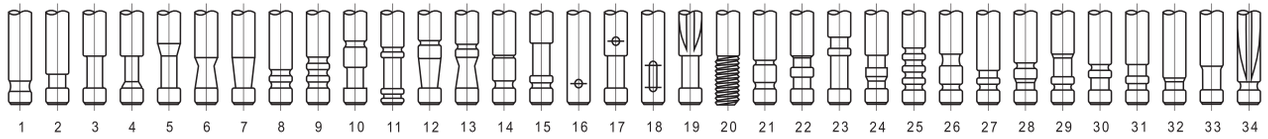
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL DIESEL											
ENG. X 20 DTH	**Omega B 2.0 DTI 16V**	9/97-8/00	1995 ccm	74 kW (101 PS)	84 / 4	IN	POPE023	90502319	29,0x6,0x97,2	45	9
	Vectra B 2.0 DTI 16V	9/97-8/00						642168			
ENG. X 20 DTL	**Astra G 2.0 DI 16V**	3/98-8/00	1995 ccm	60 kW (82 PS)	84 / 4			642165			
	Astra Mk IV 2.0 DI 16V	3/98-8/00						90502316			
	Vectra B 2.0 DI 16V	9/96-8/00						4772380			
	Zafira A 2.0 DI 16V	3/99-8/00				EX	POPE024	90502326	26,0x6,0x97,0	45	9
	Zafira Mk I 2.0 DI 16V	3/99-8/00						642211			
ENG. X 22 DTH	**Frontera B 2.2 DTI 16V**	9/98 →	2172 ccm	85-92 kW (116-125 PS)	84 / 4			642208			
	Sintra 2.2 TDI 16V	9/97-9/99						90502323			
ENG. Y 22 DTR	**Astra G 2.2 DTI 16V**	9/01-1/04	2171 ccm	92 kW (125 PS)	84 / 4			4772414			
	Astra Mk IV 2.2 DTI 16V	9/01 →									
	Signum 2.2 DTI 16V	5/03 →									
	Vectra B 2.2 DTI 16V	9/00-9/02									
	Vectra C 2.2 DTI 16V	4/02 →									
	Zafira A 2.2 DTI 16V	3/02-7/05									
	Zafira Mk I 2.2 DTI 16V	3/02-7/05									
ENG. Y 20 DTH	**Astra G 2.0 DTi 16V**	9/00-1/04	1995 ccm	74 kW (101 PS)	84 / 4						
	Astra Mk IV 2.0 DTI 16V	8/00 →									
	Signum 2.0 DTI 16V	5/03 →									
	Vectra B 2.0 DTI 16V	9/00-9/02									
	Vectra C 2.0 DTI 16V	4/02 →									
	Zafira A 2.0 DTI 16V	4/99-7/05									
	Zafira Mk I 2.0 DTI 16V	4/99-7/05									
ENG. Y 20 DTL	**Astra G 2.0 DI 16V**	3/98-1/04	1995 ccm	60 kW (82 PS)	84 / 4						
	Astra Mk IV 2.0 DI 16V	9/00 →									
ENG. Y 22 DTH	**Frontera B 2.2 DTI 16V**	10/98 →	2172 ccm	85 kW (116 PS)	84 / 4						
	Omega B 2.2 DTI 16V	6/00 →									



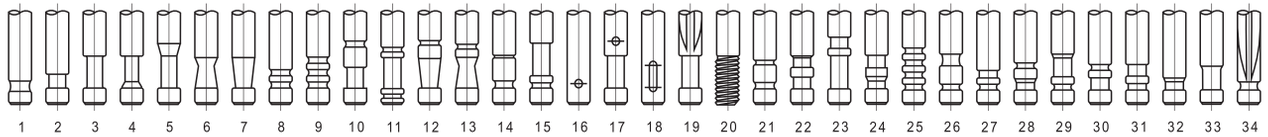
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL DIESEL											
ENG. Y 17 DT	**Astra G 1.7 DTI 16V**	9/00-1/04	1686 ccm	55 kW (75 PS)	79 / 4	IN	POPE025	641025	27,5x6,0x98,4	45	1
	Astra Mk IV 1.7 DTI 16V	9/00 →						97185860			
	Combo 1.7 DTI 16V	10/01-8/04						14711PLZ-D00			
	Corsa C 1.7 DTI 16V	9/00 →				EX	POPE026	641369	26,5x6,0x98,1	45	1
	Meriva A 1.7 DTI 16V	3/03 →						641387			
ENG. Y 17 DTL	**Combo 1.7 DI 16V**	10/01-8/04	1686 ccm	48 kW (65 PS)	79 / 4			97358650			
	Corsa C 1.7 DI 16V	9/00-9/03						97185352			
	Meriva 1.7 DI 16V	04 →						14721PLZ-D00			
ENG. Z 17 DTH	**Astra H 1.7 CDTI 16V**	3/04 →	1686 ccm	74 kW (100 PS)	79 / 4						
	Astra Mk V 1.7 CDTI 16V	9/08 →									
	Combo 1.7 CDTi 16V	9/04 →									
	Corsa C 1.7 CDTi 16V	6/03 →									
	Meriva A 1.7 CDTI 16V	3/03 →									
ENG. Z 17 DTL	**Astra G 1.7 CDTi 16V**	9/00-1/04	1686 ccm	59 kW (80 PS)	79 / 4						
	Astra H 1.7 CDTI 16V	3/04 →									
	Astra Mk IV 1.7 CDTI 16V	3/03 →									
	Astra Mk V 1.7 CDTI 16V	9/08 →									
ENG. S9W.A7/B7/702	**Movano 2.8 TDi**	98 →	2799 ccm	84 kW (114 PS)	94,4 / 4	IN	POPE032	4757358 7301820 504069200 7701030863 7701462678 7701463603 7701467250 0948.A2	41,0x8,0x120,8	30	1
						EX	POPE033	99432837 5001836573 0949.A0	36,0x8,0x122,0	45	1



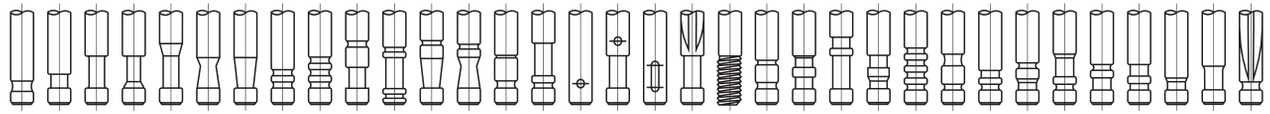
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL DIESEL											
ENG. S9W 700 Euro 2, S9W 702 Euro 2	**Movano 2.8 DTi**	6/98-9/02	2799 ccm	84 kW (114 PS)	94,4 / 4	IN	POPE032	4757358 7301820	41,0x8,0x120,8	30	1
ENG. S8U 758, 780, 782	**Arena 2.5 D**	3/98-8/01	2499 ccm	55 kW (75 PS)	93 / 4			504069200			
ENG. S8U 772	**Movano 2.5 D**	10/98-9/01	2499 ccm	60 kW (82 PS)	93 / 4			7701030863 7701462678 7701463603 7701467250 0948.A2			
						EX	POPE132	98418161 7701467249	36,7x8,0x122,0	45	1



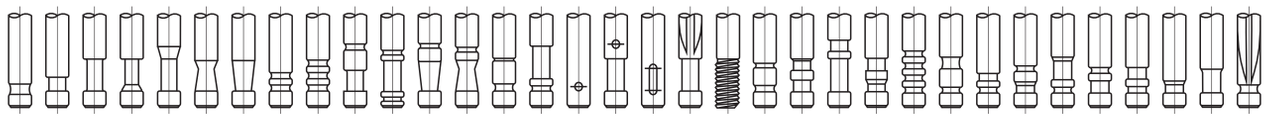
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL DIESEL											
ENG. F9Q 760	**Vivaro 1.9 DTI**	3/01 →	1870 ccm	74 kW (101 PS)	80 / 4	IN	POPE034	7700110386	35,3x7,0x110,9	45	1
ENG. F9Q 762	**Vivaro 1.9 DTI**	3/01 →	1870 ccm	60 kW (82 PS)	80 / 4			7700110387			
ENG. F9Q 770	**Movano 1.9 DTI**	1/99-10/01	1870 ccm	58 kW (79 PS)	80 / 4			7701471702			
ENG. F9Q 772	**Movano 1.9 DTI**	1/99 →	1870 ccm	60 kW (82 PS)	80 / 4			7701476024			
ENG. F9Q 774	**Movano 1.9 DTI**	9/02-10/01	1870 ccm	58-60 kW (79-82 PS)	80 / 4			7701470251			
ENG. F9Q M7, F9Q W7	**Movano 1.9 DTI**	00 →	1870 ccm		80 / 4			8200828299			
	Vivaro 1.9 DTI	01 →						13201-AW300			
								13201-00QAC			
								13201-00QAM			
								MW30620685			
								30889401			
								4402633			
								4415921			
						EX	POPE035	7700110388	32,6x7,0x110,7	45	1
								7700110389			
								7701471703			
								7701476025			
								7701476256			
								7701470252			
								8200872426			
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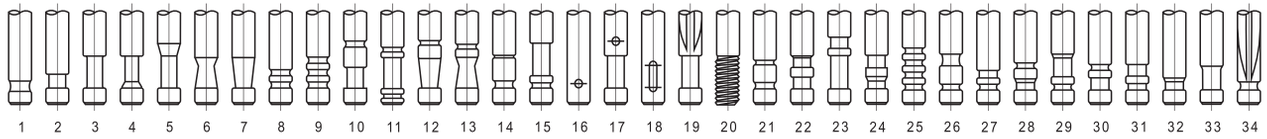
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL DIESEL											
ENG. Z 19 DTH	**Astra H 1.9 CDTI 16V**	4/04 →	1910 ccm	110 kW (150 PS)	82 / 4	IN	POPE037	55195535	27,9x6,0x114,4	45	9
	Astra Mk V 1.9 CDTI 16V	9/04 →						55190248			
	Signum 1.9 CDTI 16V	3/04 →						55202556			
	Vectra C 1.9 CDTI 16V	3/04 →						46802049			
	Zafira B 1.9 CDTI 16V	3/05 →						641073			
	Zafira Mk II 1.9 CDTI 16V	7/05 →						641074			
ENG. Z 19 DTJ	**Astra H 1.9 CDTI 16V**	4/04 →	1910 ccm	88 kW (120 PS)	82 / 4			641075			
	Astra Mk V 1.9 CDTI 16V	9/04 →						93178587			
ENG. Z 19 DTL	**Astra H 1.9 CDTi**	9/04 →	1910 ccm	74 kW (100 PS)	82 / 4			93185523			
	Astra Mk V 1.9 CDTI	9/04 →				EX	POPE038	46787902	25,8x6,0x114,4	45	9
	Signum 1.9 CDTi	9/05 →						55190249			
	Vectra C 1.9 CDTi	06 →						55202557			
	Zafira B 1.9 CDTI	3/05 →						641385			
	Zafira Mk II 1.9 CDTI	7/05 →						641386			
								93178588			
ENG. Y 13 DT, Z 13 DT Euro 4	**Agila A 1.3 CDTI 16V**	9/03-9/07	1248 ccm	51 kW (69 PS)	69,6 / 4	IN	POPE041	46518930	22,0x6,0x109,3	45	9
	Combo 1.3 CDTi 16V	9/04 →						55195680			
	Corsa C 1.3 CDTi 16V	9/03 →						55219965			
	Meriva A 1.3 CDTi 16V	9/03 →						641072			
	Tigra B 1.3 CDTi 16V	12/04 →						641077			
ENG. Z 13 DTH Euro 4	**Astra H 1.3 CDTi 16V**	4/05 →	1248 ccm	66 kW (90 PS)	69,6 / 4			93186090			
	Astra Mk V 1.3 CDTi 16V	4/05 →						12911-85E00			
	Corsa D 1.3 CDTI 16V	9/06 →				EX	POPE042	46518931	22,0x6,0x109,3	45	9
	Zafira B 1.3 CDTI 16V	4/05 →						55202685			
	Zafira Mk II 1.3 CDTI 16V	07 →						55208213			
ENG. Z 13 DTJ Euro 4	**Agila B 1.3 CDTI 16V**	9/07 →	1248 ccm	51-55 kW (70-75 PS)	69,6 / 4			641071			
	Corsa C 1.3 CDTi 16V	9/03-11/06						641402			
	Corsa D 1.3 CDTI 16V	9/06 →						93177306			
	Meriva A 1.3 CDTi 16V	9/03 →						93190438			
ENG. Z 13 DTR Euro 4	**Corsa D 1.3 CDTI 16V**	10/09 →	1248 ccm	70 kW (95 PS)	69,6 / 4			12915-85E00			



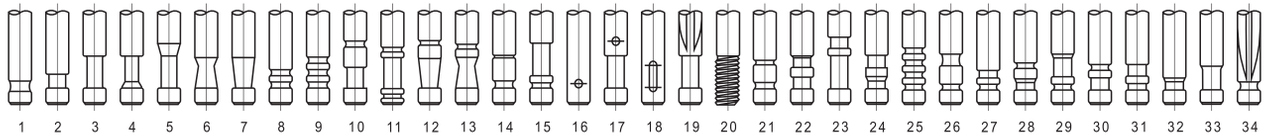
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL DIESEL											
ENG. G9T 720, G9T 722, G9T 750	**Movano 2.2 DTI 16V**	9/00 →	2188 ccm	66 kW (90 PS)	87 / 4	IN	POPE043	13201-00QAD 7701472669	30,7x6,0x123,2	45	9
ENG. G9U 630 Euro 4	**Movano 2.5 CDTI 16V**	7/02 →	2463 ccm	107 kW (145 PS)	89 / 4			4506083			
	Vivaro 2.5 CDTI 16V	7/06 →				EX	POPE044	13202-00QAD	29,5x6,0x123,0	45	9
ENG. G9U 632 Euro 4	**Movano 2.5 CDTI 16V**	7/06 →	2463 ccm	88-107 kW (120-145 PS)	89 / 4			7701472670			
ENG. G9U 650 Euro 4	**Movano 2.5 CDTI 16V**	10/03 →	2463 ccm	74-88 kW (101-120 PS)	89 / 4			4506084			
ENG. G9U 720/754 Euro 3	**Movano 2.5 CDTI 16V**	02 →	2463 ccm	73-84 kW (99-115 PS)	89 / 4						
ENG. G9U 724, G9U 754 Euro 3	**Movano 2.5 CDTI 16V**	9/03-7/06	2463 ccm	84 kW (114 PS)	89 / 4						
ENG. G9U 730 Euro 3	**Movano 2.5 CDTI 16V**	02 →	2463 ccm	99 kW (135 PS)	89 / 4						
	Vivaro 2.5 CDTI 16V	03 →									
ENG. G9U.A7, G9U.B7	**Movano 2.5 DTI 16V**	01 →	2463 ccm		89 / 4						
	Vivaro 2.5 DTI 16V	03 →									
ENG. G9T 700, G9T 710, G9T.C7, G9T.F7	**Movano 2.2 TD**	02 →	2188 ccm	66 kW (90 PS)	87 / 4						
ENG. 20D	**Ascona 2.0 D**	82 →	1998 ccm	40-43 kW (54-58 PS)	86,5 / 4	IN	POPE107	642759	42,0x8,0x127,2	45	1
	Manta 2.0 D	82 →						642655			
	Rekord 2.0 D	82 →						90027622			
ENG 23D, 23YD	**Rekord 2.3 D**	82 →	2260 ccm	54 kW (73 PS)	92 / 4	EX	POPE108	642882	34,5x8,0x127,2	45	1
	Omega 2.3 D	86 →						90027627			
	Carlton 2.3 D	86 →							+.003"		
						IN	POPE109	642760	42,0x8,07x127,2	45	1
								90027623			
						EX	POPE110	642883	34,5x8,07x127,2	45	1
								90027628			
									+.006"		
						IN	POPE111	642761	42,0x8,15x127,2	45	1
						EX	POPE112	642884	34,5x8,15x127,2	45	1



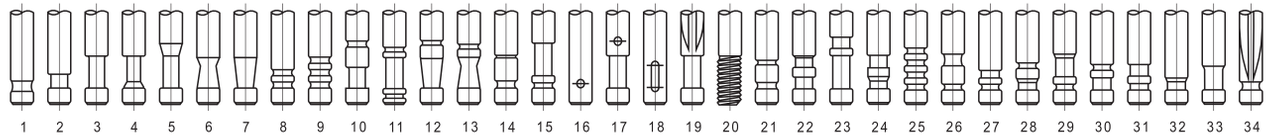
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL DIESEL											
ENG. F8Q 600, F8Q 606	**Arena 1.9 D**	3/98-8/01	1870 ccm	44-48 kW (60-65 PS)	80 / 4	IN	POPE123	7701471704 7701469369 30852144 M852144 M889130 3345515 101778	35,0x8,0x110,0	45	1
						IN	POPE127	7701468190	35,0x8,0x110,5	45	1
						IN	POPE122	7701468035	35,2x8,0x111,6	45	1
						IN	POPE125	7701462813 3287966-0	36,1x8,0x111,7	30	1
						EX	POPE124	7701471705 7701469373 30852146 112656 101780	31,5x8,0x110,0	45	1
						EX	POPE126	7701462814 7700696117 7700702871 3287967-8	31,6x8,0x111,3	45	1



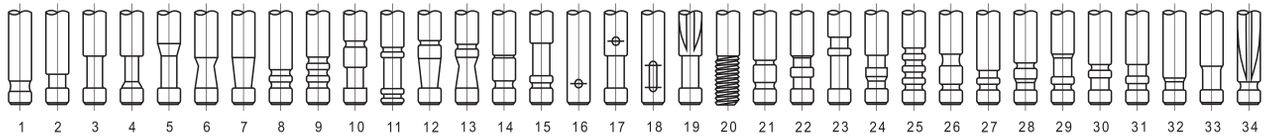
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL DIESEL											
ENG. VM41B	**Frontera 2.5 TD**	95 →	2499 ccm		92 / 4	IN	POPE128	V94DD6507AA 60507189 116760330001 20360026 20360026A 2036019 04720146 AEU2296 AEU2296L	40,0x8,0x121,0	35	1
						EX	POPE129	V94DD6505AA 60504864 60540864 195590330100 116760330101 2037018 04720148 LGH10041 RTC4116	34,0x8,0x121,0	45	1



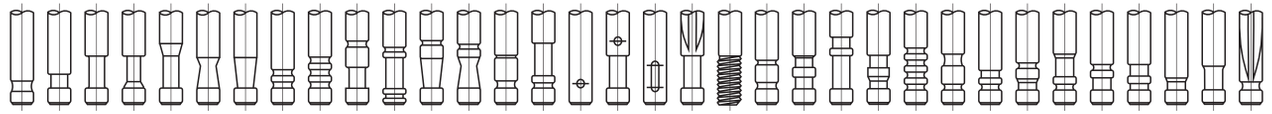
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL DIESEL											
ENG. Z 19 DT	**Astra H 1.9 CDTi**	4/04 →	1910 ccm	88 kW (120 PS)	82 / 4	IN	POPE130	46750859	35,5x8,0x115,0	45	9
	Astra Mk V 1.9 CDTI	9/04 →						46478834			
	Signum 1.9 CDTi	3/04 →						55193126			
	Vectra C 1.9 CDTi	3/04 →						60816038			
	Zafira B 1.9 CDTi	3/05 →						641083			
	Zafia Mk II 1.9 CDTI	7/05 →				EX	POPE131	46764378	34,5x8,0x115,0	45	9
								46416321			
								46783962			
								55202630			
								60814604			
								60816025			
								641089			
ENG. 10 S	**Opel Corsa A liftback (S83) 1.0 (F08, M08, F68, M68)**	09/82 - 03/93	993 ccm	33 kW (45 PS)	4	EX	POPE060	642924	29,0x7,0x99,4	45	1
	Opel Corsa A TR (S83) 1.0 (F11, M11, F19, M19)	09/82 - 09/92									
	OPEL CORSA A Furgon (S83) 1.0 (F08, W5L)	02/86 - 04/89									
	Opel Kadett A 1.0 S	09/62 - 08/65		35 kW (48 PS)							
	Opel Kadett A kombi 1.0 S	03/63 - 08/65									
	Opel Kadett A coupe 1.0 S	10/63 - 08/65									
	Opel Kadett D (31_-34_, 41_-44_) 1.0	08/79 - 12/83		37 kW (50 PS)							



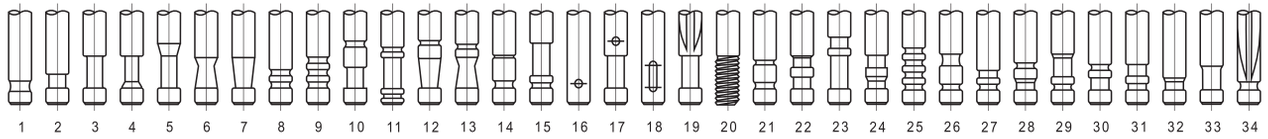
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL DIESEL											
ENG. M9R 630	**Vivaro A Combi (X83) 2.0 CDTI (F7, J7, A07)**	08/06 →	1995 ccm	66 kW (90 PS)	4	IN	POPE133	7701476596	27,7x6,0x103,9	45	9
						EX	POPE134	7701476595	26,0x6,0x103,8	45	9
	Vivaro A Furgon (X83) 2.0 CDTI (F7)	08/06 →									
	Vivaro A Furgon (X83) 2.0 CDTI (F7)	08/06 →									
	Vivaro A platforma / podwozie (X83) 2.0 CDTI	01/06 →									
	Vivaro A platforma / podwozie (X83) 2.0 CDTI	08/06 →									
ENG. M9R 780	**Vivaro A platforma / podwozie (X83) 2.0 CDTI**	08/06 →	1995 ccm	66 kW (90 PS)	4						
ENG. M9R 786	**Vivaro A Combi (X83) 2.0 CDTI (F7, J7, A07)**	08/06 →	1995 ccm	66 kW (90 PS)	4						
ENG. M9T 670	**Movano B Autobus (X62) 2.3 CDTI FWD (JV)**	12/10 →	2298 ccm	74 kW (101 PS)	4						
	Movano B Furgon (X62) 2.3 CDTI FWD (FV)	05/10 →									
	Movano B Furgon (X62) 2.3 CDTI FWD (FV)	05/10 →									
	Movano B platforma / podwozie (X62) 2.3 CDTI FWD (EV, HV, UV)	05/10 →									
	Movano B platforma / podwozie (X62) 2.3 CDTI FWD (EV, HV, UV)	05/10 →									



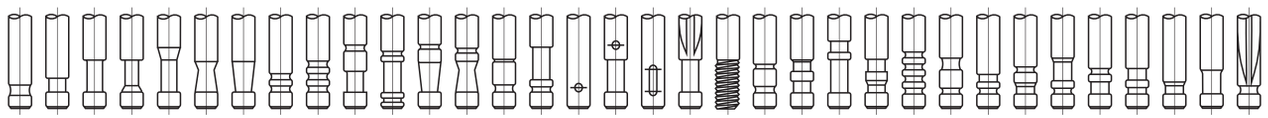
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL DIESEL											
	Movano B platforma / podwozie (X62) 2.3 CDTI RWD (EV, HV, UV)	05/10 →				IN	POPE133	7701476596	27,7x6,0x103,9	45	9
						EX	POPE134	7701476595	26,0x6,0x103,8	45	9
	Movano B platforma / podwozie (X62) 2.3 CDTI RWD (EV, HV, UV)	01/13 →									
ENG. M9T 880	**Movano B Autobus (X62) 2.3 CDTI FWD (JV)**	01/13 →	2298 ccm	110 kW (150 PS)	4						
	Movano B Furgon (X62) 2.3 CDTI FWD (FV)	01/13 →									
	Movano B platforma / podwozie (X62) 2.3 CDTI FWD (EV, HV, UV)	01/13 →									
ENG. A 20 DTC	**Insignia A Sports Tourer (G09) 2.0 CDTI (35)**	07/08 - 06/13	1956 ccm	81 kW (110 PS)	4	IN	POPE135	55206431 55207517	28,0x5,0x114,4	45	9
	Insignia A (G09) 2.0 CDTI (68)	07/08 - 03/17				EX	POPE136	55205183 55207955	24,4x5,0x114,4	45	9
	Insignia A sedan (G09) 2.0 CDTI (69)	07/08 - 03/17									
ENG. A 20 DTH	**Insignia A sedan (G09) 2.0 CDTI (69)**	07/13 - 03/17	1956 ccm	96 kW (131 PS)	4						
	Insignia A sedan (G09) 2.0 CDTI 4x4 (69)	07/13 - 03/17									
	Insignia A Country Tourer (G09) 2.0 CDTi (47)	07/14 - 03/17									



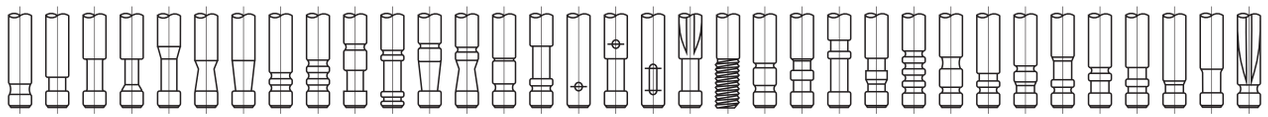
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
OPEL / VAUXHALL DIESEL											
ENG. Z 19 DTH	**Astra H (A04) 1.9 CDTI (L48)**	09/04 - 10/10	1910 ccm	110 kW (150 PS)	4	IN	POPE135	55206431 55207517	28,0x5,0x114,4	45	9
	Astra H GTC (A04) 1.9 CDTi (L08)	03/05 - 10/10				EX	POPE136	55205183 55207955	24,4x5,0x114,4	45	9
	Astra H kombi (A04) 1.9 CDTI (L35)	09/04 - 10/10									
	Astra H TwinTop (A04) 1.9 CDTi (L67)	09/05 - 10/10									
	Astra H Furgon (L70) 1.9 CDTI (L70)	09/04 - 10/10									
ENG. Z 19 DTJ	**Astra H (A04) 1.9 CDTI 16V (L48)**	04/04 - 10/10	1910 ccm	88 kW (120 PS)	4						
	Astra H GTC (A04) 1.9 CDTi 16V (L08)	03/05 - 10/10									
	Astra H kombi (A04) 1.9 CDTI 16V (L35)	08/04 - 10/10									
	Astra H Furgon (L70) 1.9 CDTI 16V (L70)	08/04 - 10/10									
PAYKAN ..... → PEUGEOT ..... 384 **PEGASO ..... → ANDORIA MOT 21**											



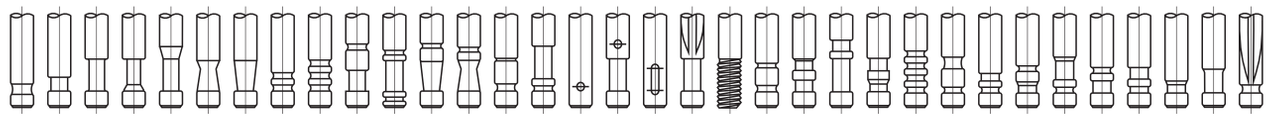
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
PERKINS DIESEL											
ENG. 3.27	**900 Series**				3	IN	PPER001	U3142H007 3142H042	41,8x7,0x116,0	35	9
						EX	PPER002	3142A091	38,0x7,0x115,5	45	9
	S 700				3	IN	PPER003	P3142H011	44,0x7,0x106,5	45	9
						EX	PPER004	P3142A101	37,2x7,0x106,3	45	9
ENG. P 3.144			2365 ccm	22-28 kW (30-38 PS)	88,925 / 3	IN	PPER005	31431261	39,0x7,9x114,5	45	1
ENG. 4.192		1/63-12/68	3150 ccm	29-37 kW (40-50 PS)	88,925 / 4			713151M1			
ENG. P 6.288		57-72	4730 ccm	61 kW (83 PS)	88,925 / 6			0910001			
ENG. 3.152			2490 ccm	27-33 kW (37-45 PS)	91,48 / 3	EX	PPER006	31431951	33,5x7,9x114,5	45	1
ENG. 6.305		1/58-12/68	5003 ccm	66 kW (90 PS)	91,48 / 6			713152M1			
ENG. 4.203		1/71 →	3335 ccm	44 kW (60 PS)	91,48 / 4			0910002			
ENG. Prima 65		87 →	1994 ccm	46 kW (63 PS)	84,4 / 4	IN	PPER007	BDU1399	37,0x7,4x93,8	45	1
ENG. Prima 80T - Turbo		87 →	1994 ccm	60 kW (80 PS)	84,4 / 4			LGH10036			
ENG. M Series	**Marine Engine M50-M60-M80T**							L142HF01			
						EX	PPER008	BDU1400 LGH10037 L142AF02	33,6x7,4x93,8	45	1
	L4	52-56				IN	PPER009	0910069	47,0x9,5x132,5	45	1
	R6 Diesel	54-61			4/6			0910030			
						EX	PPER010	0910029 0910041	40,5x9,5x132,5	45	1
ENG. 4.99		10/69 →	1621 ccm	29 kW (40 PS)	76,2 / 4	IN	PPER012	31431661	36,0x8,0x117,0	45	1
ENG. 4.107		1/64 →	1753 ccm	18-40 kW (25-55 PS)	79,375 / 4			0910064			
ENG. 4.108		5/75-82 →	1753 ccm	36-38 kW (49-52 PS)	79,375 / 4	EX	PPER013	31431861 0910061	30,3x8,0x117,0	45	1



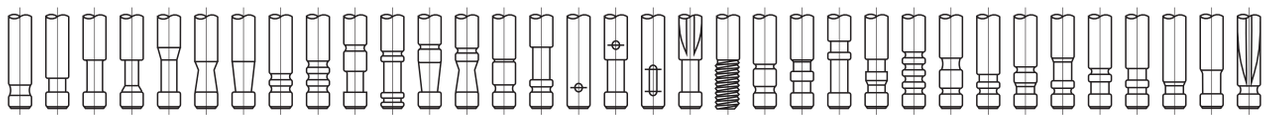
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
PERKINS DIESEL											
ENG. AD 3.152		1/69 →	2490 ccm	28-42 kW (38-57 PS)	91,48 / 3	IN	PPER014	31431281	39,0x7,9x114,3	45	1
ENG. AD 4.203		62 →	3335 ccm	40-43 kW (55-59 PS)	91,48 / 4			31431741			
ENG. D 3.152		1/71 →	2503 ccm	35 kW (47 PS)	91,48 / 3			732811M1			
ENG. D 4.203		1/84 →	3335 ccm	40 kW (54 PS)	91,48 / 4	EX	PPER015	31431271	33,4x7,9x114,3	45	1
								31431591			
								31431731			
								31431941			
								737640M1			
									Grubość grzybka +1,0 [mm]		
						IN	PPER016		39,0x7,9x114,3	45	1
						EX	PPER017	364902	33,4x7,9x114,3	45	1
ENG. D 3.152		70 →	2503 ccm	35 kW (47 PS)	91,48 / 3	IN	PPER020	31431681	39,0x7,9x114,3	35	1
						EX	PPER021	31431761	33,4x7,9x114,3	35	1
								31431011			
								3142A081			
									Nadwymiar grzybka +1,0[mm]		
						IN	PPER065		40,0x7,9x114,3	35	1
						EX	PPER066		34,4x7,9x114,3	35	1
									Nadwymiar grzybka +2,0[mm]		
						IN	PPER067		41,0x7,9x114,3	35	1
						EX	PPER068		35,4x7,9x114,3	35	1
ENG. V 8.510		66 →	8360 ccm	132 kW (180 PS)	107,95 / 8	IN	PPER022	31431821	45,3x9,5x139,8	45	1
ENG. V 8.540		74 →	8840 ccm	134 kW (182 PS)	107,95 / 8			31431822			
ENG. TV 8.510		75 →			107,95 / 8	EX	PPER023	31431382	38,9x9,5x139,7	45	1
								31431385			



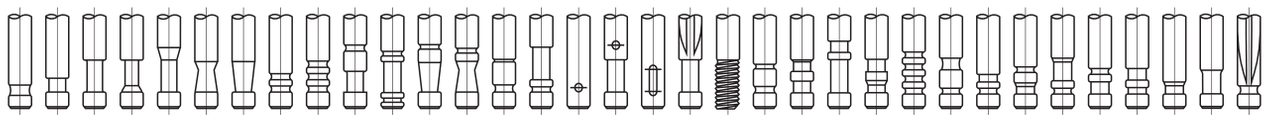
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
PERKINS DIESEL											
ENG. A 4.212		1/69-12/76	3475 ccm	44 kW (60 PS)	98,48 / 4	IN	PPER024	31431641	44,4x9,48x123,0	45	1
ENG. A 4.236		61 →	3864 ccm	37-65 kW (50-89 PS)	98,48 / 4			31431103			
ENG. T6.354		3/72-2/89	5794 ccm	114 kW (155 PS)	98,48 / 6			31431163			
ENG. T6.354.1		10/73-10/74	5794 ccm	119 kW (162 PS)	98,48 / 6			733819M1			
ENG. T6.354.2, T6.354.3		60 →				EX	PPER025	31431881	36,5x9,46x123,4	45	1
ENG. T6.354.4		6/77-2/89						31431104			
ENG. 6.354		1/64 →	5794 ccm	69-82 kW (94-112 PS)	98,48 / 6			31431109			
ENG. 6.354.2		1/70-12/72	5794 ccm	85 kW (115 PS)	98,48 / 6			31431164			
ENG. 4.212		69 →	3475 ccm	44-47 kW (60-64PS)	98,48 / 4			31431791			
ENG. 4.236		65 →	3864 ccm	48-60 kW (59-80 PS)	98,48 / 4			31431851			
ENG. 4.248		69 →	4064 ccm	53-66 kW (72-90 PS)	101,054 / 4			31431891			
ENG. 4.248.2		69-4/82						31431931			
ENG. 6.354.4		69-12/89	5794 ccm	77 kW (105 PS)	98,48 / 6			733818M1			
ENG. 6.372		1/71-12/75	6100 ccm	82-87 kW (112-118 PS)	101,054 / 6	IN	PPER043	3142H002	44,2x9,5x123,0	30	1
ENG. 6.372.4						EX	PPER044	3142A052	36,5x9,5x123,5 +.003"	45	1
						IN	PPER026	31431401	44,4x9,55x123,0	45	1
						EX	PPER027	31431411	36,5x9,53x123,4	45	1
								736815M1	+.005"		
						IN	PPER028		44,4x9,60x123,0	45	1
						EX	PPER029		36,5x9,58x123,4 +.010"	45	1
						IN	PPER030		44,4x9,73x123,0	45	1
						EX	PPER031		36,5x9,71x123,4 +.015"	45	1



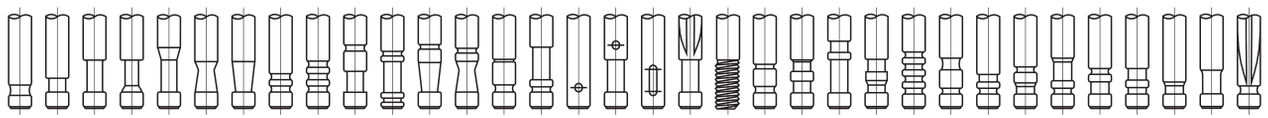
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
PERKINS DIESEL											
ENG. A 4.212		1/69-12/76	3475 ccm	44 kW (60 PS)	98,48 / 4	IN	PPER032	31431402	44,4x9,86x123,0	45	1
ENG. A 4.236		61 →	3864 ccm	37-65 kW (50-89 PS)	98,48 / 4			736813M1			
ENG. T6.354		3/72-2/89	5794 ccm	114 kW (155 PS)	98,48 / 6	EX	PPER033	31431412	36,5x9,84x123,4	45	1
ENG. T6.354.1		10/73-10/74	5794 ccm	119 kW (162 PS)	98,48 / 6				+.030"		
ENG. T6.354.2, T6.354.3		60 →				IN	PPER034	31431403	44,4x10,24x123,0	45	1
ENG. T6.354.4		6/77-2/89				EX	PPER035	31431413	36,5x10,22x123,4	45	1
ENG. 6.354		1/64 →	5794 ccm	69-82 kW (94-112 PS)	98,48 / 6				Grubość grzybka +1,0 [mm]		
ENG. 6.354.2		1/70-12/72	5794 ccm	85 kW (115 PS)	98,48 / 6						
ENG. 4.212		69 →	3475 ccm	44-47 kW (60-64PS)	98,48 / 4	IN	PPER036		44,4x9,48x123,0	45	1
ENG. 4.236		65 →	3864 ccm	48-60 kW (59-80 PS)	98,48 / 4	EX	PPER037		36,5x9,46x123,4	45	1
ENG. 4.248		69 →	4064 ccm	53-66 kW (72-90 PS)	101,054 / 4						
ENG. 4.248.2		69-4/82									
ENG. 6.354.4		69-12/89	5794 ccm	77 kW (105 PS)	98,48 / 6						
ENG. 6.372		1/71-12/75	6100 ccm	82-87 kW (112-118 PS)	101,054 / 6						
ENG. 6.372.4											
ENG. 4.165		76 →	2710 ccm	48 kW (65 PS)	92 / 4	IN	PPER038	31431491	40,5x7,9x114,6	30	1
								3142H001			
								061109601			
						EX	PPER039	3142A031	35,6x7,9x114,6	45	1
								061109611			
ENG. G4.236		60 →	3867 ccm		4	IN	PPER040	31431871	44,2x9,5x123,0	45	1
								31431315			
								31431311			
						EX	PPER042	31431701	36,5x9,5x127,1	45	1
ENG. 6.354.4		84 →	5800 ccm		98,48 / 6	IN	PPER040	31431871	44,2x9,5x123,0	45	1
ENG. 6.354 - Turbo								31431315			
								31431311			
						EX	PPER044	3142A052	36,5x9,5x123,5	45	1



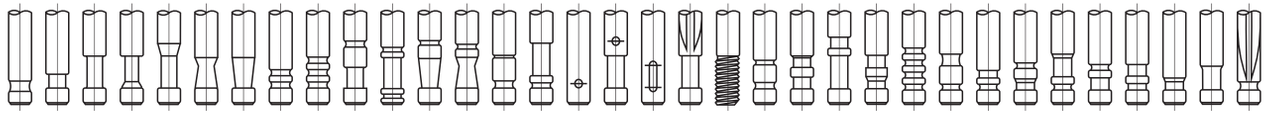
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
PERKINS DIESEL											
ENG. T4.40			3990 ccm	82-88 kW (112-120 PS)	100 / 4	IN	PPER045	3142L071	45,0x9,5x122,9	45	1
ENG. Phaser T4.40 Turbo		86 →	5985 ccm	70 kW (95 PS)	100 / 4			3142L061			
ENG. Phaser T6.60 Turbo		86 →	5985 ccm	88 kW (120 PS)	100 / 6	EX	PPER046	3142A051	37,4x9,5x123,3	45	1
ENG. Phaser	**160T - Turbo**	86 →			6			3142A071			
ENG. Phaser	**180TI - Turbo**	86 →			6			748309M1			
ENG. Phaser	**110T - Turbo**	86 →			6						
ENG. Phaser 4.40 - 6.60	**90**	86 →			100 / 4/6	IN	PPER047	3142L051	45,0x9,5x122,9	45	1
	125	86 →						748413M1			
	Serie 1000	86 →				EX	PPER046	3142A051	37,4x9,5x123,3	45	1
								3142A071			
								748309M1			
ENG. 1004-4T (59 kW)			3990 ccm	59 kW (80 PS)	100 / 4	IN	PPER048	3142D041	43,0x9,0x123,0	45	1
ENG. 1004-4T (70 kW)		6/99-12/03	3990 ccm	70 kW (95 PS)	100 / 4	EX	PPER049	3142D031	41,0x9,0x123,0	45	1
ENG. 1004-40TA		2/01 →	3990 ccm	88 kW (120 PS)	100 / 4				Grubość grzybka +1,0 [mm]		
ENG. 1006-6TA			5984 ccm	154 kW (209 PS)	100 / 6						
ENG. 1006-6TW		5/00→	5948 ccm	136 kW (183 PS)	100 / 6	IN	PPER063		43,0x9,0x123,0	30	1
						EX	PPER064		41,0x9,0x123,0	45	1
Marine Diesel Series 4008						IN	PPER050	SE7S/14	52,1x11,0x169,7	30	1
						EX	PPER051	SE7R/14	47,7x11,0x169,8	30	1
ENG. 4.236						IN	PPER052		44,2x9,5x123,4	45	1
						EX	PPER053		36,6x9,5x123,8	45	1
ENG. T4.40						IN	PPER054		44,2x9,5x122,9	45	1
						EX	PPER055		36,6x9,5x123,3	45	1
						IN	PPER056		57,5x12,0x158,4	30	2
						EX	PPER057		47,0x12,0x158,0	45	2
						IN	PPER058		45,0x9,5x122,7	30	1



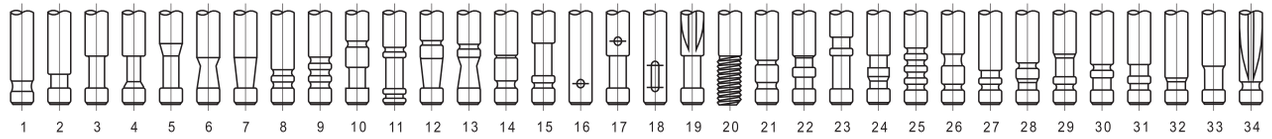
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
PERKINS DIESEL											
ENG. Perkins 3000						IN	PPER060		45,2x9,5x155,4	30	1
						EX	PPER061		45,0x10,9x155,7	45	1
ENG. T4.40, T6.60	**Series 1000**				100 / 4/6	IN	PPER069	3142L072 3640597M1	45,0x9,5x123,2	30	1
						EX	PPER046	3142A051 3142A071 748309M1	37,4x9,5x123,3	45	1



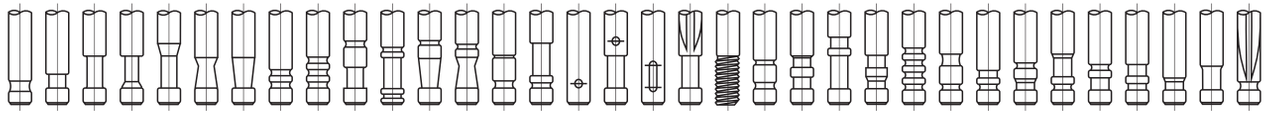
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
PETTER											
ENG. AV1, AVA1	**Series II**	52 →	553 ccm		80 /1	IN/ EX	PPET001	336663	34,0x7,9x113,5	45	1
ENG. AV2, AVA2	**Series II**	52 →	1106 ccm		80 /2			250506			
ENG. PH1	**Air Cooled Engine**	62 →	661 ccm	7,4 kW (10 PS)	87,5 / 1			269393			
ENG. PHW1	**Water Cooled Engine**	62 →	661 ccm		80 /1						
ENG. PH2	**Air Cooled Engine**	62 →	1322 ccm		87,5 / 2						
ENG. PHW2	**Water Cooled Engine**	62 →	1322 ccm		80 / 2						
PJ1 - PJ1W		62 →	810 ccm		96,9 / 1	IN	PPET003	265894	40,2x7,9x125,8	45	1
PJ2 - PJ2W		62 →	1620 ccm		96,9 / 2	EX	PPET004	265893	40,2x7,9x125,8	45	1
PJ3W		62 →	2438 ccm		96,9 / 3						
PJ4 - PJ4W		62 →	3238 ccm		96,9 / 4						
ENG. No.25000	**AA1**	68 →	220 ccm	3 kW (4 PS)	69,85 / 1	IN/ EX	PPET007	320177	28,5x7,2x80,3	45	1
ENG. AB1, AB1W		68 →	261 ccm		76,2 / 1						
ENG. AC1, AC1W/Z		68 →	304 ccm	5,3 kW (7,3 PS)	69,85 / 1						
						IN	PPET008	201-33070	45,8x8,7x117,6	45	1
						EX	PPET009	201-33080	38,8x8,7x117,7	45	1
						IN/ EX	PPET010	336865	34,0x7,9x113,5	45	1



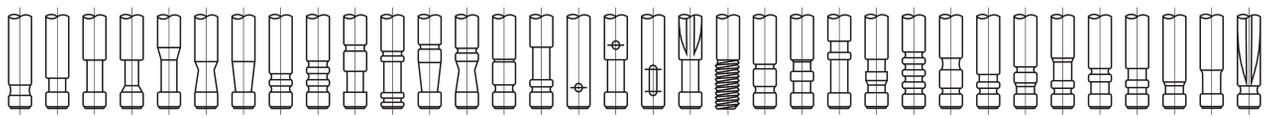
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
PEUGEOT BENZYNA											
ENG. XU 9J4	**309 1.9i 16V** **405 1.9i 16V**	2/90-12/93 7/87-12/92	1905 ccm	116 kW (158 PS)	83 /4	IN	PPET001	0948.61 0948.75 96172597 91540748	34,6x7,0x106,4	45	9
						EX	PPEU002	0949.62 0949.81 96172795 91540782	29,6x7,0x105,8	45	9
ENG. XU 10J4TE/Z	**306 S16 16V** **405 2.0i Turbo 16V** **406 2.0 16V**	93 → 9/92-4/97 → 95 →	1998 ccm	144-159 kW (196-216 PS)	86 /4						
ENG. XU 10J4	**306 2.0i 16V** **405 2.0i 16V**	8/93-4/97 1/93-4/97	1998 ccm	110-118 kW (150-160 PS)	86 /4						
ENG. XU 10J4RZ	**306 2.0i 16V**	5/97-10/03	1998 ccm	98 kW (133 PS)	86 /4						
ENG. LFY-XU 7JP4	**306 1.8i 16V** **406 1.8i 16V**	3/97-6/97 95-6/97	1761 ccm	81 kW (110 PS)	83 /4						
ENG. RFV-XU 10J4R	**306 2.0i 16V** **406 2.0i 16V** **605 2.0i 16V**	3/97-6/97 95-6/97 94-6/97	1998 ccm	98 kW (133 PS)	86 /4						
ENG. XU 10J2	**306 2.0i** **405 2.0i** **806 2.0i** **Boxer 2.0i**	8/93-4/97 6/92-4/97 5/94-8/02 2/94-2/02	1998 ccm	89 kW (121 PS)	86 /4	IN	PPEU003	96059361 9605936180 0948.66	42,6x8,0x108,8	45	9
						EX	PPEU004	96147032	34,5x8,0x108,4	45	9
ENG. XU 10J2CTE, XU 10J2TE	**406 2.0i Turbo** **605 2.0i Turbo** **806 2.0i Turbo**	4/96-4/99 7/92-5/99 6/94-8/02	1998 ccm	104-110 kW (141-150 PS)	86 /4			96059362 96117828 9614703280			
ENG. XU 10J2Z	**405 2.0i** **605 2.0**	6/92-10/95 6/89-5/99	1998 ccm	89-94 kW (121-128 PS)	86 /4			9611782880 0949.66			
ENG. XU 102C	**605 2.0** **Boxer 2.0**	10/89-5/99 10/89-2/02	1998 ccm	79-85 kW (107-115 PS)	86 /4			0949.72			



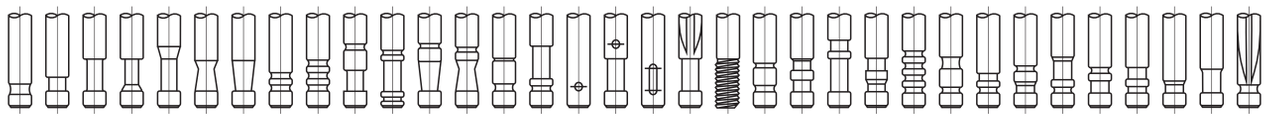
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
PEUGEOT BENZYNA											
ENG. ZDJK, ZDJL	**505 2.2i**	5/81-12/93	2165 ccm	84-96 kW (114-131 PS)	88 / 4	IN	PPEU005	7701460147	43,9x8,0x112,0	30	1
ENG. ZEJ	**505 2.0i**	8/79-12/89	1995 ccm	81-83 kW (110-113 PS)	88 / 4			7700635409			
ENG. 829.90	**505 TI/STI**	81 →	1995 ccm	79 kW (110 PS)	88 / 4			7700644710			
ENG. 851	**505 STI/GTI**	82 →	2165 ccm	85 kW (117 PS)	88 / 4			7900000680			
								95536524			
								245390-0			
								0948.36			
						EX	PPEU006	7701460143	38,6x8,0x111,4	45	1
								7701460148			
								7700701645			
								7700732119			
								7700644709			
								7700733512			
								95536523			
								0949.38			
						EX	PPEU084	7900000681	37,0x8,0x111,4	45	1
								7910245802			
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								0949.30			
								0949.32			



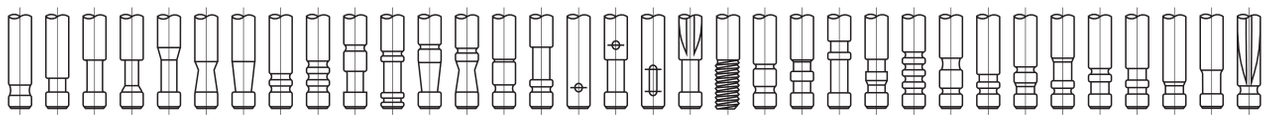
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
PEUGEOT BENZYNA											
ENG. ZM (112)	**504 2.7** **604 2.7**	9/74 → 12/77 8/75 → 6/85	2664 ccm	100 kW (136 PS)	88 / 6	IN	PPEU005	7701460147 7700635409	43,9x8,0x112,0	30	1
ENG. ZMJ (140)	**504 2.7i** **604 2.7i**	8/77 → 8/84 8/77 → 5/83	2664 ccm	106 kW (144 PS)	88 / 6			7700644710 7900000680			
ENG. ZNJK	**604 2.8i**	9/83 → 6/86	2829 ccm	110-114 kW (150-155 PS)	91 / 6			95536524			
ENG. 9L6	**Tagora SX**	80 →	2664 ccm	122 kW (163 PS)	88 / 6			245390-0			
ENG. 154Z	**604 2.9 GTI V6**	83 → 87	2489 ccm	112 kW (159 PS)	91 / 6			0948.36			
						EX	PPEU084	7900000681 7910245802 7910246494 245802-4 0949.30 0949.32	37,0x8,0x111,4	45	1
ENG. XW 3/XW 5 (109)	**104 GL6/GR/SL**	72 →	1124 ccm	42 kW (57 PS)	72 / 4	IN	PPEU007	7701459824	36,8x8,0x113,4	30	1
ENG. XW 3 S (121)	**104 ZA/ZR/ZS/ZS2**	72 →	1124 ccm	49 kW (66 PS)	72 / 4			7910010826			
ENG. XW 7 (109F)	**104 GLS** **205 GL/GR** **Samba 1.1**	83 → 83 → 81 →	1124 ccm	37 kW (50 PS)	72 / 4			7910025377 7910025378 91506846			
ENG. XZ 5 (129)	**104 SR**	79 →	1219 ccm	41 kW (57 PS)	75 / 4			95551307			
ENG. XY 6 B (150)	**104 S/ZS**	80 →	1361 ccm	52 kW (72 PS)	75 / 4			95563504			
ENG. XYR (156)	**104 ZS 2**	80 →	1361 ccm	69 kW (93 PS)	75 / 4			0948.38			
ENG. XY 7 (150D)	**205 GR/SR**	83 →	1360 ccm	44 kW (60 PS)	75 / 4	EX	PPEU008	7701459825	29,3x8,0x113,6	45	1
ENG. XY 8 (150B)	**205 GT**	80 →	1361 ccm	53 kW (72 PS)	75 / 4			7910006855			
ENG. XY8	**Samba GLS**	82 →	1361 ccm	59 kW (80 PS)	75 / 4			7910025379			
ENG. XZ5	**Samba Rallye**	82 →	1219 ccm	66 kW (90 PS)	75 / 4			7910025382			
ENG. 129, 129D	**104** **Samba 1.2**	79 → 83-86	1219 ccm		75 / 4			7910030808 91502062			
ENG. 150D, 150G, 150B, 150H	**104-205** **Samba 1.4**	80 → 82 →	1360 ccm		75 / 4			95551308 95563505 0949.33 0949.42			



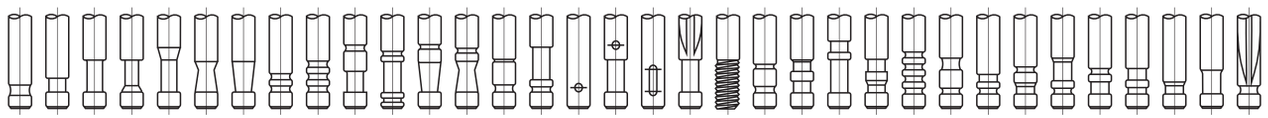
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
PEUGEOT BENZYNA											
ENG. TU 1	**106 1.1**	7/92-4/96	1124 ccm	34-40 kW (46-54 PS)	72 / 4	IN	PPEU009	97531080	36,7x7,0x112,8	30	1
	205 1.1	10/87-12/90						97533266			
ENG. TU 1M	**106 1.1i**	9/91-5/05	1124 ccm	40-44 kW (54-60 PS)	72 / 4			9627835680			
	205 1.1i	7/89-9/98						0948.58			
	306 1.1i	1/93-4/97				IN	PPEU051	0948.91	36,7x7,0x112,7	45	1
	Partner 1.1i	7/96-8/02						96278356			
ENG. TU 1JP, HFX	**106 1.1i**	3/00-5/05	1124 ccm	44 kW (60 PS)	72 / 4	EX	PPEU010	97531044	29,2x7,0x112,6	45	1
	206 1.1i	6/98 →						97533264			
	206+ 1.1i	3/09 →						9753104480			
	Partner 1.1i	7/96 →						0949.59			
ENG. TU 1K	**106 1.1**	9/91-4/96	1124 ccm	40-44 kW (54-60 PS)	72 / 4						
	306 1.1	7/89-12/93									
	309 1.1	7/89-12/93									
ENG. TU 1MZ	**205 1.1i**	7/89-9/98	1124 ccm	40-44 kW (54-60 PS)	72 / 4						
	309 1.1i	10/90-12/93									
ENG. TU 3A/K	**205 1.4**	6/87-12/94	1361 ccm	49-53 kW (67-72 PS)	75 / 4						
ENG. TU 3FM2K	**106 1.4**	9/91-5/05	1361 ccm	55 kW (75 PS)	75 / 4						
ENG. TU 3S	**205 1.4**	6/87-12/89	1361 ccm	62 kW (85 PS)	75 / 4						
	309 1.4	1/89-1/92									
ENG. TU 3-2	**306 1.4**	1/93-4/97	1361 ccm	51-55 kW (69-75 PS)	75 / 4						
	Partner 1.4	11/96-8/02									
ENG. TU 3.2/K	**106 1.4**	9/91-5/05	1361 ccm	55 kW (75 PS)	75 / 4						
	306 1.4	1/93-5/96									
	405 1.4	6/92-4/97									
ENG. TU 3FJ2	**106 1.4i**	9/91-4/96	1361 ccm	69 kW (94 PS)	75 / 4						
ENG. TU 3.2TR/K			1391 ccm	51-52 kW (69-71 PS)	75 / 4						
ENG. TU 3.2/Z			1361 ccm	55 kW (75 PS)	75 / 4						



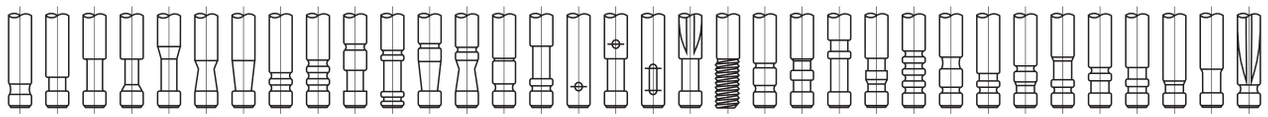
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
PEUGEOT BENZYNA											
ENG. TU 3	**106 1.4**	9/91-4/96	1361 ccm	44-47 kW (60-64 PS)	75 / 4	IN	PPEU009	97531080	36,7x7,0x112,8	30	1
	205 1.4	10/87-12/94						97533266			
	306 1.4	1/93-4/97						9627835680			
	309 1.4	7/89-12/93						0948.58			
	405 1.4	7/89-6/88				IN	PPEU051	0948.91	36,7x7,0x112,7	45	1
ENG. TU 3A (44 kW)	**205 1.4**	10/87-12/94	1361 ccm	44-50 kW (60-68 PS)	75 / 4			96278356			
	309 1.4	1/88-12/93				EX	PPEU010	97531044	29,2x7,0x112,6	45	1
	405 1.4	7/88-12/92						97533264			
ENG. TU 3A (54 kW)	**206+ 1.4i**	3/09 →	1361 ccm	54 kW (73 PS)	75 / 4			9753104480			
	207 1.4i	12/05 →						0949.59			
	1007 1.4i	10/04-3/08									
	Bipper 1.4i	2/08 →									
ENG. TU 3FM	**106 1.4i**	12/92-4/96	1361 ccm	55-58 kW (75-79 PS)	75 / 4						
	205 1.4i	6/91-12/94									
	309 1.4i	10/88-12/93									
ENG. TU 3JP	**106 1.4i**	5/96-5/05	1361 ccm	54-55 kW (73-75 PS)	75 / 4						
	206 1.4i	6/98-12/05									
	306 1.4i	9/96-10/03									
	307 1.4i	1/02-2/05									
	1007 1.4i	10/04-3/08									
	Partner 1.4i	7/96 →									
	Ranch 1.4i	7/97 →									
ENG. TU 3M	**106 1.4i**	9/91-2/94	1361 ccm	55-58 kW (75-79 PS)	75 / 4						
	205 1.4i	7/88-9/98									
ENG. TU 3MC	**106 1.4i**	4/93-4/96	1361 ccm	55 kW (75 PS)	75 / 4						
	205 1.4i	9/92-9/98									
	306 1.4i	1/93-4/97									
	309 1.4i	10/88-12/93									
	405 1.4i	6/92-4/97									



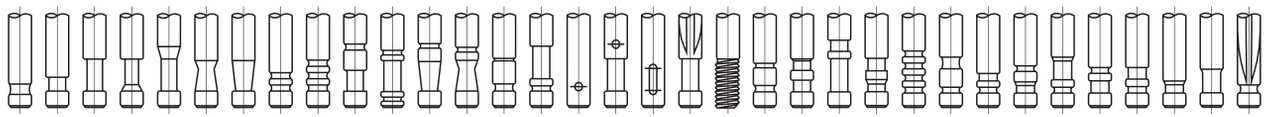
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
PEUGEOT BENZYNA											
ENG. XU 5JA	**205 1.6i**	10/85-9/98	1581	84-90 kW (115-122 PS)	83 / 4	IN	PPEU018	0948.56	41,6x8,0x108,8	45	1
	309 1.6i	11/85-12/93						0948.87			
ENG. XU 5JPZ	**406 1.6i**	7/96-9/97	1581	58-66 kW (79-90 PS)	83 / 4			91535017			
	Expert 1.6i	2/96 →						91537468			
ENG. XU 5M	**205 1.6i**	11/90-9/98	1581	65 kW (88 PS)	83 / 4			9153501780			
	309 1.6i	7/89-12/93				EX	PPEU019	0949.57	34,5x8,0x108,4	45	1
	405 1.6i	7/89-4/97						91535019			
ENG. XU 52C (53 kW)	**309 1.6**	7/88-12/93	1581	53-55 kW (72-75 PS)	83 / 4			91537470			
ENG. XU 52C (65 kW)	**309 1.6i**	7/88-12/93	1581	65-68 kW (88-92 PS)	83 / 4			9153501980			
	405 1.6i	7/87-4/97									
ENG. XU 52C (69 kW)	**309 1.6i**	7/89-12/93	1581	69 kW (94 PS)	83 / 4						
ENG. XU 7JB	**406 1.8i**	9/97-6/04	1762	66 kW (90 PS)	83 / 4						
	Partner 1.8i	3/97-8/02									
	Ranch 1.8i	97 →									
ENG. XU 7JP	**306 1.8i**	1/93-10/03	1762	73-76 kW (99-103 PS)	83 / 4						
	405 1.8i	6/92-4/97									
	406 1.8i	12/95-3/99									
	806 1.8i	7/95-8/02									
	Expert 1.8i	9/96 →									
	Ranch 1.8i	97 →									
ENG. XU 7JPZ	**306 1.8i**	5/93-10/03	1762	74-76 kW (101-103 PS)	83 / 4						
	405 1.8i	8/92-10/95									
	806 1.8i	7/95-8/02									
ENG. XU 9C	**205 1.9i**	10/86-9/98	1905	73-95 kW (100-129 PS)	83 / 4						
	305 1.9i	10/82-7/90									
	309 1.9i	10/85-12/93									
	405 1.9i	7/87-4/97									



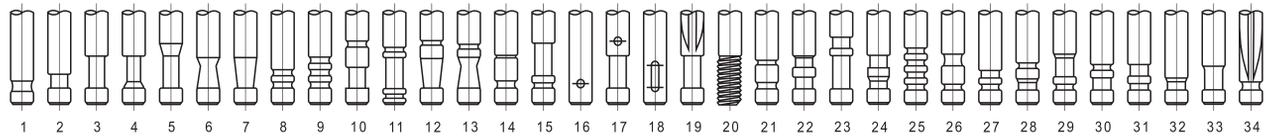
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
PEUGEOT BENZYNA											
ENG. XU 9JA/K	**205 1.9i**	10/86-9/98	1905 ccm	92-94 kW (125-128 PS)	83 / 4	IN	PPEU018	0948.56	41,6x8,0x108,8	45	1
	309 1.9i	10/86-12/93						0948.87			
ENG. XU 9JAZ	**205 1.9i**	10/87-10/94	1905 ccm	88-90 kW (120-122 PS)	83 / 4			91535017			
	309 1.9i	7/88-12/93						91537468			
	405 1.9i	7/88-12/92						9153501780			
ENG. XU 9M	**309 1.9i**	7/88-12/93	1905 ccm	80 kW (109 PS)	83 / 4	EX	PPEU019	0949.57	34,5x8,0x108,4	45	1
	405 1.9i	7/88-12/92						91535019			
ENG. XU 5JP	**405 1.6i**	9/94-4/97	1581 ccm	65 kW (88 PS)	83 / 4			91537470			
	406 1.6i	10/95-6/04						9153501980			
ENG. XU 10J2U (RFW)	**Boxer 2.0i**	94→	1998 ccm	80 kW (109 PS)	86 / 4						
ENG. DFZ (XU 9J1)	**205 I 1.9 GTI, CTI**	3/87-12/94	1905 ccm	72-77 kW (98-105 PS)	83 / 4	IN	PPEU020	91518971	39,5x8,0x105,2	45	1
	205 II 1.9 GTI	10/87-7/94						0948.54			
	305 II 1.9	11/86-12/88				EX	PPEU021	91518972	33,0x8,0x105,2	45	1
	305 II Break 1.9	11/86-12/88						0949.54			
	309 I 1.9	3/86-7/89									
	309 II 1.9	8/89-12/93									
	405 I 1.9 Injection	7/87-12/92									
	405 I Break 1.9	10/88-8/92									
ENG. D2B (XU 9S)	**305 GTX**	84→	1905 ccm	75 kW (102 PS)	83 / 4						
	309 I 1.9	10/85-7/89									
ENG. XU 92C	**405 GE/DL/GR/SR**	87→	1905 ccm	79 kW (107 PS)	83 / 4						



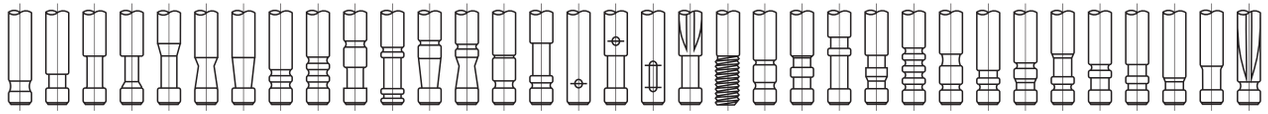
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
PEUGEOT BENZYNA											
ENG. XN 2	**504 TI**	72→	1971 ccm	81 kW (110 PS)	88 / 4	IN	PPEU022	0948.33	42,6x8,0x118,6	30	1
ENG. XN 1 (106)	**504 GL**	72→	1971 ccm	71 kW (96 PS)	88 / 4			0948.55			
	505 GR/SR	79→						0948.29			
ENG. XN 6	**505**	79→	1971 ccm	75 kW (100 PS)	88 / 4			0948.34			
	604	79→						91510548			
ENG. XN 1 T	**J5**	81→	1971 ccm	57 kW (78 PS)	88 / 4			7910029730			
ENG. KF 1	**404A**	62-69	1618 ccm	56 kW (76 PS)	84 / 4			9603170980			
ENG. KF 2	**404 GTi**	64-69	1618 ccm	65 kW (88 PS)	84 / 4			9151054880			
ENG. XC 7P	**J7**	71→	1618 ccm	40-43 kW (54-58 PS)	84 / 4	EX	PPEU023	0949.27	35,5x8,0x112,2	45	1
	J9	80→						0949.55			
ENG. XC 5P	**505**	79→	1618 ccm	50 kW (68 PS)	84 / 4			0949.56			
	J7	69-70						91520847			
ENG. XM7 (105), KF	**504 L/GL/TI**	68→	1796 ccm	55-60 kW (75-82 PS)	84 / 4			7910028074			
	505 L	68→						9609491380			
	J5/J7	71→									
ENG. TU5J4 (NFX)	**106 1.6i 16V**	5/96-5/05	1587 ccm	87-88 kW (118-120 PS)	78,5 / 4	IN	PPEU024	96254648	28,8x6,0x104,4	45	1
								0948.83			
						EX	PPEU025	96254645	24,5x6,0x104,4	45	1
								0949.89			
ENG. XV 8	**104 1.0**	9/83-6/88	954 ccm	32-33 kW (44-45 PS)	70 / 4	IN	PPEU026	97531079	34,7x7,0x112,8	30	1
	205 1.0	2/83-10/90						0948.57			
ENG. TU 9, TU 9K	**106 1.0**	9/91-4/96	954 ccm	33 kW (45 PS)	70 / 4	EX	PPEU027	97531046	27,7x7,0x112,6	45	1
	205 1.0	10/87-9/98						0949.58			
ENG. TU 9M	**106 1.0i**	11/86-7/88	954 ccm	33-37 kW (45-50 PS)	70 / 4						
	205 1.0i	7/92-9/98									
ENG. TU 9M/Z	**205 1.0**	7/92-9/98	954 ccm	31-33 kW (41-44 PS)	70 / 4						



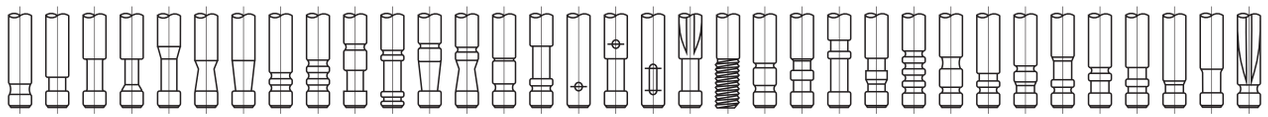
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
PEUGEOT BENZYNA											
ENG. RFV (XU 10J4R)	**306 2.0i 16V**	5/97-10/03	1998 ccm	97-99 kW (132-135 PS)	86 / 4	IN	PPEU028	9628943380	33,3x6,0x106,2	45	1
	406 2.0i 16V	10/95-9/99						96289433			
	605 2.0i 16V	7/94-5/99						0948.86			
	806 2.0i 16V	5/98-9/00						0948.92			
ENG. LFY (XU 7JP4)	**306 1.8i 16V**		1761 ccm	81 kW (110 PS)	83 / 4	EX	PPEU029	9629861180	29,0x6,0x103,6	45	1
	406 1.8i 16V							0949.92			
								0949.A6			
								96298611			
ENG. EW10 A	**307 2.0i 16V**	3/05-12/08	1997 ccm	103 kW (140 PS)	85 / 4	IN	PPEU030	9623950380	33,3x6,0x106,2	45	1
	307 CC 2.0i 16V	6/05-12/08						0948.99			
	308 2.0i 16V	9/07 →				EX	PPEU031	9636001780	29,0x6,0x103,6	45	1
	407 2.0i 16V	10/05 →						0949.99			
	807 2.0i 16V	10/05 →									
	Expert 2.0i 16V	1/07 →									
	Expert Tepee 2.0i 16V	1/07 →									
ENG. EW10 J4	**206 2.0i 16V**	1/99 →	1997 ccm	99-100 kW (135-136 PS)	85 / 4						
	307 2.0i 16V	1/02-2/05									
	307 CC 2.0i 16V	6/03-2/05									
	406 2.0i 16V	4/99-2/05									
	407 2.0i 16V	5/04 →									
	607 2.0i 16V	3/00-11/04 →									
	806 2.0i 16V	9/00-8/02									
	807 2.0i 16V	6/02 →									
	Expert 2.0i 16V	3/00 →									
ENG. EW10 J4S	**206 2.0i 16V**	3/03 →	1997 ccm	130 kW (177 PS)	85 / 4						
	307 2.0i 16V	6/05-9/07									
	307 CC 2.0i 16V	6/03-9/07									



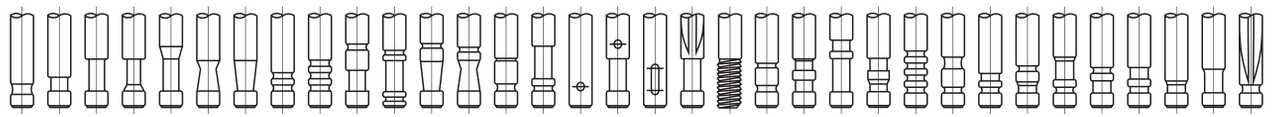
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
PEUGEOT BENZYNA											
EN G. E1A	**205**	85 →	1118 ccm	40 kW (54 PS)	74 / 4	IN	PPEU032	0948.51	34,0x8,0x106,8	45	1
	309 GL	85 →				EX	PPEU033	0949.53	28,8x8,0x107,7	45	1
								138851			
								44853V			
								97516511			
ENG. TU 3FJ2	**106 1.4i**	9/91-4/96	1361 ccm	69 kW (94 PS)	75 / 4	IN	PPEU036	96183535	39,4x7,0x111,7	45	9
ENG. TU 2J2/Z	**106 1.3i**	10/93-4/96	1294 ccm	72-74 kW (98-101 PS)	75 / 4			96101886			
ENG. KFV	**206+ 1.4i**	3/09 →	1361 ccm	54 kW (73 PS)	75 / 4			0948.73			
ENG. TU 5JP	**106 1.6i**	6/93-5/05	1587 ccm	65-74 kW (88-101 PS)	78,5 / 4			0948.65			
	206 1.6i	6/98 →				EX	PPEU037	96096852	31,3x7,0x111,5	45	9
	306 1.6i	1/93-10/03						96101887			
ENG. TU 5J2	**106 1.6i**	6/93-5/05	1587 ccm	76-77 kW (103-105 PS)	78,5 / 4			0949.70			
ENG. TU 5JP/2, NFZ, NFY	**106 1.6i**	98 →	1587 ccm	66 kW (90 PS)	78 / 5	IN	PPEU040	0948.93	39,3x7,0x111,4	45	9
ENG. TU 5JP, NFZ, NFT	**206 1.6i**	98 →	1587 ccm	66 kW (90 PS)	78 / 5	EX	PPEU037	96096852	31,3x7,0x111,5	45	9
	306 1.6i	98 →						96101887			
								0949.70			
ENG. XU 10J4RS, RFS	**306 2.0i 16V**	7/96-10/03	1998 ccm	120 kW (163 PS)	86 / 4	IN	PPEU041	0948.82	34,1x6,0x106,4	45	1
								96246139			
						EX	PPEU042	0949.87	30,7x6,0x105,3	45	1
								96203976			
ENG. XUD 11A	**605 2.1 TD 12V**	6/89-6/94	2138 ccm	60 kW (82 PS)	86 / 4	IN	PPEU043	0948.68	33,9x8,0x122,3	45	9
ENG. XUD 11ATE, XUD 11BTE	**406 2.1 TD 12V**	12/95-3/99	2088 ccm	80-81 kW (109-110 PS)	85 / 4			96008334			
	605 2.1 TD 12V	6/89-5/99						96007817			
	806 2.1 TD 12V	4/96-8/00						9600781780			
	Expert 2.1 TD 12V	89 →				EX	PPEU044	0949.68	33,9x8,0x121,9	45	9
								96079213			
								96042957			
								9604295780			



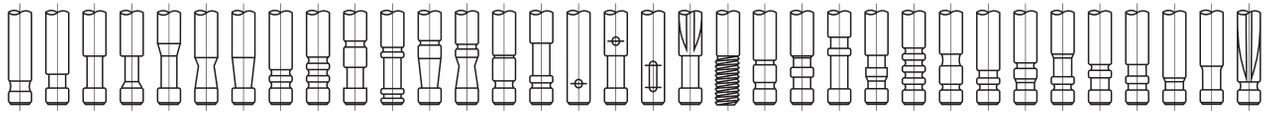
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
PEUGEOT BENZYNA											
ENG. XU 9J2	**205 1.9i**	88-7/95	1905 ccm	89-92 kW (121-125 PS)	83 / 4	IN	PPEU047	91537489	41,6x8,0x105,2	45	1
	405 1.9i	7/87-4/97						0948.62			
ENG. XU 7JB, LFX	**406 1.8**	5/97-10/04	1762 ccm	60 kW (90 PS)	83 / 4			0948.71			
	Partner 1.8	5/97 →				EX	PPEU048	91537491	34,5x8,0x104,8	45	1
								0949.78			
								0949.63			
ENG. G1A/G1B/G25	**205**	85 →	1294 ccm	47 kW (64 PS)	76,7 / 4	IN	PPEU052	44842S	35,8x8,0x106,9	45	1
	309 I 1.3 GL/GR	85 →						138849			
	Simca 1000 Rallye	75 →	1294 ccm	60 kW (82 PS)	76,7 / 4	EX	PPEU033	0949.53	28,8x8,0x107,7	45	1
	Simca 1100 Special / TI	75 →						138851			
	Horizon GL	75 →	1294 ccm	50-66 kW (68-90 PS)	76,7 / 4			44853V			
	Simca 1307 GLS/S	75 →						97516511			
	Simca 1308 GT/S	75 →									
	Simca 1309 SX	75 →									
	Horizon GLS/SX	77 →	1442 ccm	51-61 kW (69-83 PS)	80,6 / 4						
	Matra Rancho	77 →									
	Simca 1501 LS	75 →									
	Simca 1501 GL/GLS	81 →									
	Solara GLS/LS	80 →									
	Matra Bagheera 1.3	1/74-3/78	1294 ccm	62 kW (84 PS)	80,6 / 4						
ENG. XJ2	**Matra Murena**	80 →	1592 ccm	68 kW (92 PS)	80,6 / 4						
	Simca 1100	10/76-09/79	1118 ccm	41-44 kW (56-60 PS)	4						
	Simca 1100 Break	10/76-09/79									



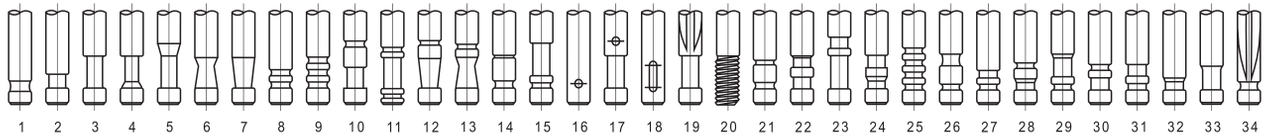
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
PEUGEOT BENZYNA											
ENG. TU5 JP4 (NFU)	**206 1.6i 16V**	3/00 →	1587 ccm	80-82 kW (109-112 PS)	78,5 / 4	IN	PPEU053	0948.A9	31,2x6,0x103,8	45	1
	207 1.6i 16V	12/05-3/08						0948.E0			
	307 1.6i 16V	1/02-12/08						9636298080			
	307 CC 1.6i 16V	6/03-12/08				EX	PPEU054	0949.A8	24,5x6,0x104,4	45	1
	308 1.6i 16V	9/07 →						0949.C5			
	1007 1.6i 16V	10/04-3/08						9639417980			
	Partner Tepee 1.6i 16V	5/08 →									
	Ranch 1.6i 16V	01 →									
ENG. EW7A, EW7J	**407 1.8i 16V**	10/05 →	1749 ccm	92 kW (125 PS)	82,7 / 4	IN	PPEU061	0948.A4	29,8x6,0x106,0	45	1
ENG. EW7J4	**406 1.8i 16V**	10/00-6/04	1749 ccm	85 kW (116 PS)	82,7 / 4	EX	PPEU062	0949.A4	27,2x6,0x104,2	45	1
	407 1.8i 16V	5/04 →									
	607 1.8i 16V	00 →									
EN G. EW10 D, RLZ	**206 2.0 HPi 16V**	10/00 →	1997 ccm	100-105 kW (136-143 PS)	85 / 4	IN	PPEU063	0948.A7	32,4x6,0x105,0	45	1
	406 2.0 HPi 16V	10/00-6/04						0948.C6			
						EX	PPEU064	0949.A7	29,2x6,0x102,6	45	1
								0949.C2			
ENG. ES9 J4S	**406 3.0i 24V**	12/99-2/05	2946 ccm	150-152 kW (204-207 PS)	87 / 6	IN	PPEU065	0948.A5	35,0x6,0x108,4	45	1
	607 3.0i 24V	3/00-11/04						9630441380			
	807 3.0i 24V	6/02 →				EX	PPEU066	0949.A5	30,5x6,0x106,9	45	1
ENG. ES9A	**407 3.0i 24V**	5/04 →	2946 ccm	155 kW (211 PS)	87 / 6			9640181380			
	607 3.0i 24V	12/04 →									
ENG. ZN3J (105 kW)	**505 2.8i**	6/86-12/93	2829 ccm	105 kW (143 PS)	91/6						
ENG. ZN3J (122 kW)	**505 2.8i**	6/86-12/93	2829 ccm	122 kW (166 PS)	91/6						
	Hillman Hunter	66 →	1725 ccm	40-50 kW (61-68 PS)	81,539 / 4	IN	PPEU094	1235104	38,2x7,9x118,5	45	1
	Humber Spectre	66 →				EX	PPEU095	1235105	30,6x7,9x118,5	45	1
	Paykan	80 →									
	Singer Gazelle/Vogue	66 →									
	Sunbeam Alpine/Rapier	66-71									
	Hillman Hunter GLS	69-76	1725 ccm	49-60 kW (67-82 PS)	81,539 / 4						
	Sunbeam Rapier H120	69-76									



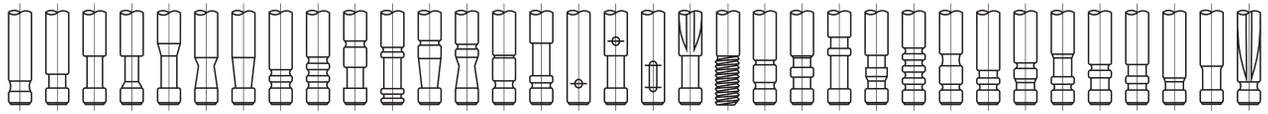
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
PEUGEOT BENZYNA											
PAYKAN 3000						IN	PPEU096	71262713 25552400	38,1x7,90x109,9	45	1
						EX	PPEU097	71250985 71261358 25552800	31,2x7,87x109,9 +.003"	45	1
						IN	PPEU098	71262714 25552500	38,1x7,97x109,9	45	1
						EX	PPEU099	71250986 71261359 25552900	31,5x7,94x109,9 +.015"	45	1
						IN	PPEU100	71262715 25552600	38,1x8,28x109,9	45	1
						EX	PPEU101	71250987 25553000	31,2x8,25x109,9 +.030"	45	1
						IN	PPEU102	71262716	38,1x8,66x109,9	45	1
						EX	PPEU103	71250988	31,2x8,63x109,9	45	1
ENG. 220 A2.000	**Expert 1.6i**		1581 ccm	66 kW (90 PS)	86,4 / 4	IN	PPEU104	7609772 96700311 46531590 46531591	37,5x8,0x108,5	45	1
						EX	PPEU105	5973129 4403047 4319339	33,4x8,0x108,9	45	1



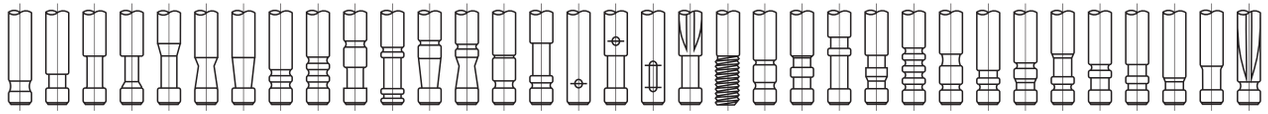
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
PEUGEOT BENZYNA											
ENG. ET3J4 (KFU)	**206 liftback (2A/C) 1.4 16V**	10/03 -	1360 ccm	65 kW (88 PS)	4/75	IN	PPEU108	0948.C8	28,2x5,5x100,7	45	9
						EX	PPEU109	0949.C4	24,4x5,5x101,0	45	9
	206 SW (2E/K) 1.4 16V	10/03 -									
	207 (WA_, WC_) 1.4 16V	02/06 -									
	307 (3A/C) 1.4 16V	11/03 - 07/07									
	307 Break (3E) 1.4 16V	11/03 - 07/07									
	307 SW (3H) 1.4 16V	11/03 - 07/07									
	1007 (KM_) 1.4 16V	10/05 -									
ENG. EP6	**207 (WA_, WC_) 1.6 16V VTi**	02/07 -	1598 ccm	88 kW (120 PS)		IN	PPEU112	0948.E8	28,8x5,0x105,8	45	9
						EX	PPEU113	0949.E2	26,0x5,0x110,1	45	9
	207 CC (WD_) 1.6 16V	02/07 -									
	207 SW (WK_) 1.6 16V	06/07 -									
	308 (4A_, 4C_) 1.6 16V	09/07 -									
	308 SW (4E_, 4H_) 1.6 16V	09/07 -									
	308 CC (4B_) 1.6 16V	06/09 -									
	3008 nadwozie wielkopojemne (MPV) (0U_) 1.6 VTi	06/09 - 08/16									
	5008 (0U_, 0E_) 1.6 16V	09/09 -									
ENG. EP6DT (5FR)	**PEUGEOT 207 (WA_, WC_) 1.6 16V Turbo**	10/09 -	1598 ccm	115 kW (156 PS)							
	PEUGEOT 207 CC (WD_) 1.6 16V Turbo	10/09 -									



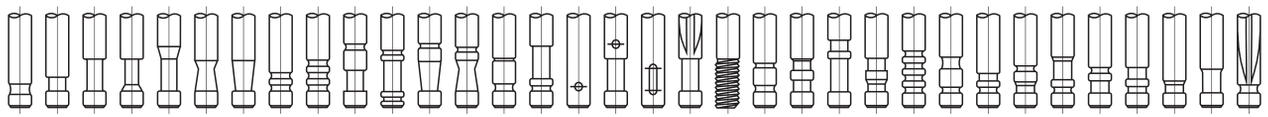
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
PEUGEOT DIESEL											
ENG. XUD 7	**205 1.8 D**	10/83-9/98	1769 ccm	44 kW (60 PS)	80 / 4	IN	PPEU011	0948.46	38,0x8,0x112,4	30	1
	305 1.8 D	10/82-6/88						93501279			
	306 1.8 D	5/93-10/03						93501070			
	309 1.8 D	7/89-12/93				IN	PPEU013	93510415	38,5x8,0x112,4	45	1
	405 1.8 D	10/90-12/92						96005391			
	Partner 1.8 D	7/96-8/02						LGH10051			
ENG. XUD 9 (47 kW)	**205 1.9 D**	10/87-9/98	1905 ccm	47-52 kW (64-71 PS)	83 / 4			LGH10053			
	305 1.9 D	10/82-7/90						0948.59			
	309 1.9 D	6/86-12/93						0948.63			
ENG. XUD 9Y	**205 1.9 D**	10/87-9/98	1905 ccm	47-50 kW (64-68 PS)	83 / 4			9601136380			
	306 1.9 D	5/93-4/97						9630597380			
	309 1.9 D	7/96-11/02						12911-86CA0			
	405 1.9 D	7/88-4/97						12911-66G00			
								12832-66G00			
								22211-29000			
								50054982			
						EX	PPEU012	93510773	33,0x8,0x111,9	45	1
								93510774			
								93501280			
								93501072			
								95501280			
								96005392			
								96272853			
								0949.47			
								0949.59			
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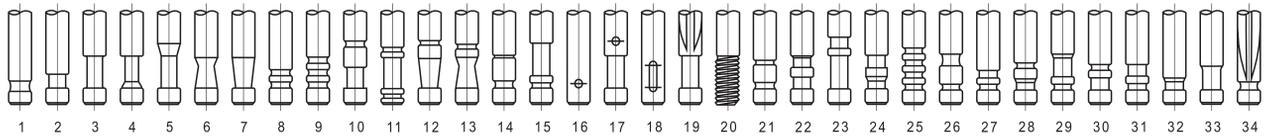
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
PEUGEOT DIESEL											
ENG. XUD 7	**205 1.8 D**	10/83-9/98	1769 ccm	44 kW (60 PS)	80 / 4	EX	PPEU012	0949.64	33,0x8,0x111,9	45	1
	305 1.8 D	10/82-6/88						0949.74			
	306 1.8 D	5/93-10/03						LGH10052			
	309 1.8 D	7/89-12/93						LGH10054			
	405 1.8 D	10/90-12/92						LGH10075			
	Partner 1.8 D	7/96-8/02						9613736280			
ENG. XUD 9 (47 kW)	**205 1.9 D**	10/87-9/98	1905 ccm	47-52 kW (64-71 PS)	83 / 4			9751669380			
	305 1.9 D	10/82-7/90						12915-86CA0			
	309 1.9 D	6/86-12/93						12915-66G00			
ENG. XUD 9Y	**205 1.9 D**	10/87-9/98	1905 ccm	47-50 kW (64-68 PS)	83 / 4			22212-29000			
	306 1.9 D	5/93-4/97						50060609			
	309 1.9 D	7/96-11/02						6005392			
	405 1.9 D	7/88-4/97									
ENG. DJ5 T	**Boxer 2.5 TD**	7/94-4/02	2446 ccm	76 kW (104 PS)	92 / 4	IN	PPEU014	96095457	36,9x7,0x127,9	45	9
ENG. DJ5 TED (THX)	**Boxer 2.5 DI TD**	10/96-2/02	2446 ccm	76-79 kW (103-107 PS)	92 / 4			97327262			
ENG. DJ5 (T9A)	**Boxer 2.5 D**	2/94-2/02	2446 ccm	63 kW (86 PS)	92 / 4			0948.72			
ENG. DK5 ATE (THY)	**605 2.5 TD**	7/94-5/99	2446 ccm	94-96 kW (128-130 PS)	92 / 4	EX	PPEU015	96304239	36,9x7,0x127,5	45	9
								96096146			
								0949.79			
ENG. XD 2	**504 2.3 D**	8/76-12/89	2304 ccm	44-51 kW (60-69 PS)	94 / 4	IN	PPEU016	83EM6507AA	40,4x8,5x116,2	30	1
	505 2.3 D	9/79-9/86						0948.37			
	J9 2.3 D	10/80-9/87				EX	PPEU017	78EM6505AA	33,4x8,5x116,2	45	1
ENG. XD 2P, XD 94	**J7 2.3 D**	83→	2304 ccm	49-53 kW (67-72 PS)	94 / 4			7932567888			
	J9 2.3 D	9/76-10/82						79325679			
								0949.25			
								0949.39			



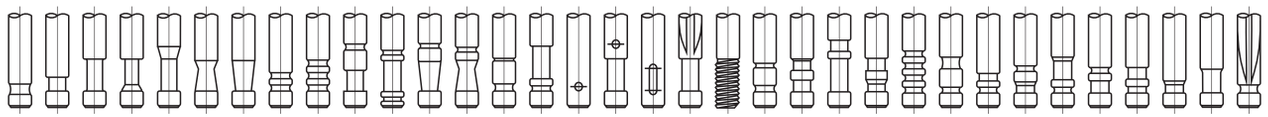
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
PEUGEOT DIESEL											
ENG. DV4TD, 8 HX	**107 1.4 HDI**	6/05-3/08	1398 ccm	40-50 kW (54-68 PS)	73,7 / 4	IN	PPEU034	1145933	32,8x5,5x97,5	45	9
	206 1.4 HDi	9/01 →						1152191			
	206+ 1.4 HDi	3/09 →						0948.C2			
	207 1.4 HDi	2/06 →						Y401-12-111			
	307 1.4 HDI	01/02-2/05						SU00100551			
	1007 1.4 HDI	10/04-3/08				EX	PPEU035	1145932	30,2x5,5x97,5	45	9
	Bipper 1.4 HDI	2/08 →						1152190			
								1202362			
								0949.B1			
								Y401-12-121			
								SU00100552			
ENG. DW10 ATED3	**307 2.0 HDi**	1/02-2/05	1997 ccm	80 kW (109 PS)	85 / 4	IN	PPEU038	0948.95	35,6x6,0x107,1	45	9
	406 2.0 HDi	10/98-6/04						9624774280			
	607 2.0 HDi	3/00 →				EX	PPEU039	0949.96	33,8x6,0x107,1	45	9
	806 2.0 HDi	8/99-8/02						9624774580			
	Expert 2.0 HDi	10/99 →									
ENG. DW10 BTED	**Expert 2.0 HDi**	10/99 →	1997 ccm	70 kW (95 PS)	85 / 4						
ENG. DW10 TD, RHY	**206 2.0 HDi**	4/99 →	1997 ccm	66 kW (90 PS)	85 / 4						
	306 2.0 HDi	6/99-10/03									
	307 2.0 HDi	8/00-5/05									
	406 2.0 HDi	4/99-6/04									
	Boxer II 2.0 HDI	2/02 →									
	Partner 2.0 HDi	12/99-8/05									
ENG. DW10 UTD			1997 ccm	63-68 kW (86-92 PS)	85 / 4						



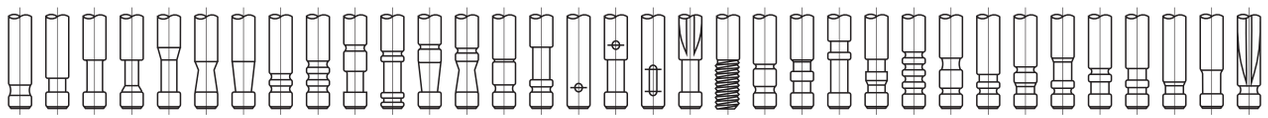
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
PEUGEOT DIESEL											
EN G. TUD 5, VJY, VJZ	**106 1.5 D** **106 1.5 XAD**	7/94-5/05 94 →	1527 ccm	40-42 kW (54-57 PS)	77 / 4	IN	PPEU045	96150145 0948.74 0948.A8 13201-6F900	37,0x7,0x108,4	45	1
						EX	PPEU046	96150144 0949.80 13202-6F900	31,5x7,0x108,2	45	1
ENG. DJ5 T	**Boxer 2.5 TD**	7/94-4/02	2446 ccm	76 kW (104 PS)	92 / 4	IN	PPEU049	96180328 0948.84	41,0x7,0x115,6	45	9
ENG. DJ5 TED (THX)	**Boxer 2.5 DI TD**	10/96-2/02	2446 ccm	76-79 kW (103-107 PS)	92 / 4	EX	PPEU050	96267448 0949.90	37,7x7,0x115,4	45	9
ENG. 8140.43N.3585 Euro 3	**Boxer II 2.8 HDi**	8/04 →	2798 ccm	108 kW (146 PS)	94,4 / 4	IN	PPEU055	4757358 7301820 504069200 7701030863 7701462678 7701463603 7701467250 0948.A2	41,0x8,0x120,8	30	1
ENG. 8140.43S.4030 Euro 3	**Boxer 2.8 HDi** **Boxer II 2.8 HDi**	9/00-2/02 2/02 →	2798 ccm	92-94 kW (125-128 PS)	94,4 / 4	EX	PPEU056	99432837 5001836573 0949.A0	36,0x8,0x122,0	45	1



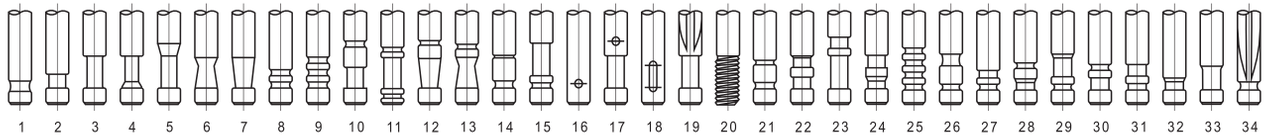
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
PEUGEOT DIESEL											
ENG. DV6BTED4 Euro 4	**206 1.6 HDi 16V**	5/04 →	1560 ccm	55 kW (75 PS)	75 / 4	IN	PPEU067	0948.C7	25,6x5,5x96,4	45	9
	207 1.6 HDi 16V	12/05-3/08						1229882			
	307 1.6 HDi 16V	1/04-12/08						30711498			
	308 1.6 HDi 16V	9/07-12/07						9645024780			
	407 1.6 HDi 16V	5/04 →						3M5Q6507AA			
	1007 1.6 HDi 16V	1/07-3/08						Y6011-2111			
	Partner 1.6 HDi 16V	7/05 →						11347805968			
	Partner Tepee 1.6 HDi 16V	5/08 →				EX	PPEU068	0949.C3	23,4x5,5x96,6	45	9
								1229883			
ENG. DV6TED4 Euro 4	**206 1.6 HDi 16V**	5/04 →	1560 ccm	80 kW (109 PS)	75 / 4			30711497			
	206 CC 1.6 HDI 16V	5/04 →						9640840080			
	207 1.6 HDi 16V	12/05 →						3M5Q6505AA			
	207 CC 1.6 HDi 16V	3/07 →						Y6011-2121			
	307 1.6 HDi 16V	2/04 →						11347805969			
	308 1.6 HDi 16V	9/07 →									
	407 1.6 HDi 16V	5/04 →									
	1007 1.6 HDi 16V	1/07-3/08									
	3008 1.6 HDi 16V	1/10 →									
	5008 1.6 HDi 16V	9/09 →									
	Partner 1.6 HDi 16V	7/05 →									
ENG. DV6ATED4 Euro 4	**207 1.6 HDi 16V**	12/05-3/08	1560 ccm	68 kW (92 PS)	75 / 4						
	307 1.6 HDi 16V	3/05-12/08									
	308 1.6 HDi 16V	9/07 →									
	Partner 1.6 HDi 16V	10/05 →									
ENG. DV6UTED4 Euro 4	**Expert 1.6 HDi 16V**	1/07 →	1560 ccm	68 kW (92 PS)	75 / 4						
	Expert Tepee 1.6 HDi 16V	1/07 →									
	Partner 1.6 HDi 16V	1/07 →									
	Partner Tepee 1.6 HDi16V	5/08 →									



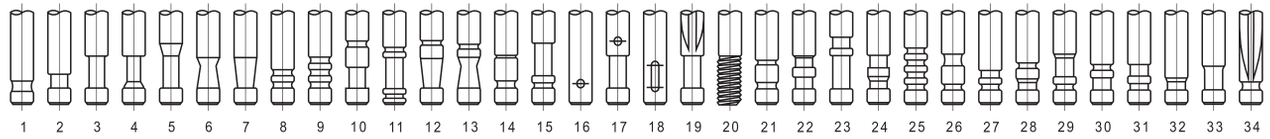
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
PEUGEOT DIESEL											
ENG. DW10ATED4, RHT, RHW, RHM	**307 2.0 HDi 16V**	8/01-5/04	1997 ccm	79-80 kW (107-109 PS)	85 / 4	IN	PPEU069	9635317980	30,0x6,0x106,2	45	9
	406 2.0 HDi 16V	8/01-5/04						1231931			
	607 2.0 HDi 16V	12/05 →						0948.C0			
	806 2.0 HDI 16V	8/99-8/08				EX	PPEU070	9635318480	25,0x6,0x106,2	45	9
	807 2.0 HDi 16V	6/02 →						1231930			
	Expert 2.0 HDI	10/99 →						0949.A9			
	Ranch 2.0 HDI	01 →									
ENG. DW12TED4 (4 HX)	**406 2.2 HDI 16V**	3/00-2/05	2197 ccm	94-100 kW (128-136 PS)	85 / 4	IN	PPEU071	9627184380	30,0x6,0x105,0	45	9
	607 2.2 HDi Biturbo 16V	3/00 →						0948.A3			
	807 2.2 HDI 16V	6/02 →						1231931			
ENG. DW12UTED	**Boxer II 2.2 HDi 16V**	2/02-6/06	2197 ccm	74 kW (100 PS)	85 / 4			3M5Q6507BA			
ENG. DW10BTED4 (RHR)	**307 2.0 HDi 16V**	10/03-12/08	1997 ccm	100 kW (136 PS)	85 / 4			8653745			
	307 CC 2.0 HDi 16V	6/05-12/08				EX	PPEU072	9634437580	25,0x6,0x105,0	45	9
	308 2.0 HDi 16V	9/07 →						0949.A3			
	407 2.0 HDi 16V	5/04 →						1231930			
	607 2.0 HDi 16V	12/05 →						3M5Q6505BA			
	807 2.0 HDi 16V	12/05 →						8653744			
	Expert 2.0 HDI 16V	1/07 →									
ENG. DW12BTED4	**407 2.2 HDi Biturbo 16V**	3/06 →	2179 ccm	125 kW (170 PS)	85 / 4						
	607 2.2 HDi Biturbo 16V	5/06 →									
	807 2.2 HDi Biturbo 16V	08 →									
ENG. XD 3, XD 3P	**504 2.5 D**	7/87-12/89	2498 ccm	51-58 kW (70-79 PS)	94 / 4	IN	PPEU076	83EM6507BB	42,5x8,5x116,0	45	1
	505 2.5 D	6/81-12/93						93500418			
	J9 2.5 D	7/82-6/87						0948.44			
								0948.49			
								0948.53			
						EX	PPEU077	83EM6505AB	35,5x8,5x116,3	45	1
								93500889			
								0949.45			
								0949.50			



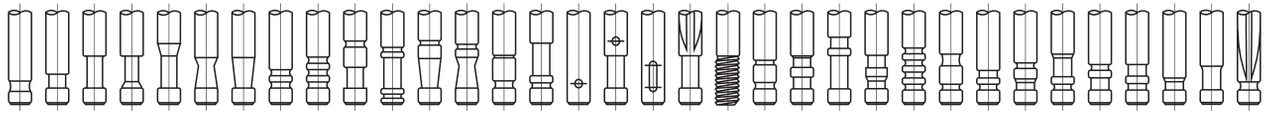
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
PEUGEOT DIESEL											
ENG. CRD 93 LS	**J5 2.5 TD**	7/87-12/93	2499 ccm	70 kW (95 PS)	93 / 4	IN	PPEU090	5478734	42,0x8,0x121,5	45	9
	J9 2.5 D	7/87-12/93						5478734G			
ENG. U25/651		10/83 →	2499 ccm	54-55 kW (73-75 PS)	93 / 4			95569116			
								9555275080			
								5471746			
								0948.45			
						EX	PPEU091	5457479	35,0x9,0x121,5	45	9
								9555275280			
								95569117			
								5414239			
								0949.46			
ENG. TUD 3 (K9A)	**106 1.4 D**	92-96	1361 ccm	39 kW (53 PS)	75 / 4	IN	PPEU106	95638449	35,5x7,0x108,4	45	1
ENG. TUD 3Y (K9Y)	**106 1.4 D**	92-96	1361 ccm	37 kW (50 PS)	75 / 4			96012815			
								0948.69			
						EX	PPEU107	95638450	30,6x7,0x108,2	45	1
								96012816			
								0949.71			
ENG. DV4C (8HR)	**206+ (2L_, 2M_) 1.4 HDi eco 70**	01/09 →	1398 ccm	50 kW (68 PS)	4	IN	PPEU110	0948.F7	30,2x5,5x95,6	45	9
						EX	PPEU111	0949.F5	27,5x5,5x95,5	45	9
	207 (WA_, WC_) 1.4 HDi	02/06 →									
	208 (CA_, CC_) 1.4 HDi	03/12 →									
	208 Furgon (CR_) 1.4 HDi	10/12 →									
	2008 (CU_) 1.4 HDi	06/13 →									
ENG. DV6C (9HD)	**308 (4A_, 4C_) 1.6 HDi**	03/13 →	1560 ccm	82 kW (112 PS)	4						
	308 SW (4E_, 4H_) 1.6 HDi	03/13 - 03/17									
	308 CC (4B_) 1.6 HDi	03/13 →									
	4008 1.6 HDi AWC	05/12 →									



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
PEUGEOT DIESEL											
ENG. DV6C (9HL)	**Partner Tepee 1.6 HDi**	08/10 →	1560 ccm	82 kW (112 PS)	4	IN	PPEU110	0948.F7	30,2x5,5x95,6	45	9
	Partner Tepee 1.6 HDi	03/13 →				EX	PPEU111	0949.F5	27,5x5,5x95,5	45	9
	Partner Tepee 1.6 HDi	03/13 →									
ENG. DV6C (9HR)	**207 (WA_, WC_) 1.6 HDi 110**	11/08 →	1560 ccm	82 kW (112 PS)	4						
	207 CC (WD_) 1.6 HDi	08/09 →									
	207 SW (WK_) 1.6 HDi	08/09 →									
	308 (4A_, 4C_) 1.6 HDi	12/09 →									
	308 SW (4E_, 4H_) 1.6 HDi	12/09 →									
	308 CC (4B_) 1.6 HDi	06/09 →									
	508 I (8D_) 1.6 HDi	11/10 →									
	508 SW I (8E_) 1.6 HDi	11/10 →									
	3008 nadwozie wielkopojemne (MPV) (0U_) 1.6 HDi	12/09 - 08/16									
	5008 (0U_, 0E_) 1.6 HDi	08/10 →									
ENG. DV6CTED (9HD)	**208 (CA_, CC_) 1.6 HDi**	03/12 →	1560 ccm	84 kW (114 PS)	4						
	508 I (8D_) 1.6 HDi	02/12 →									
	508 SW I (8E_) 1.6 HDi	02/12 →									
	2008 (CU_) 1.6 HDi	03/13 →									
	3008 nadwozie wielkopojemne (MPV) (0U_) 1.6 HDi	03/13 - 08/16									
	5008 (0U_, 0E_) 1.6 HD	03/13 →									

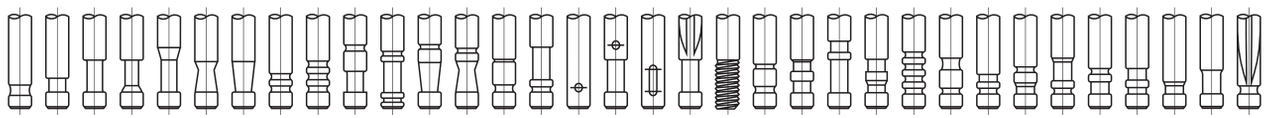


Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
PORSCHE BENZYNA											
	924	75→	1984 ccm	92 kW (125 PS)	86,5 / 4	IN	PPOR003	046109601B	40,0x9,0x137,0	45	1
						EX	PPOR004	046109611A	33,0x9,0x137,0	45	1
ENG. M28.11, M28.12	**928 4.7 S**	9/79-7/83	4664 ccm	221 kW (300 PS)	97,0 / 8	IN	PPOR009	92810540902	45,0x9,0x111,5	45	1
ENG. M28.21, M28.22	**928 4.7 S**	8/83-7/86	4664 ccm	228 kW (310 PS)	97,0 / 8			92810540903			
ENG. M44.01	**944 2.5**	6/82-7/87	2479 ccm	120 kW (163 PS)	100,0 / 8	EX	PPOR0010	92810541004	40,0x9,0x112,4	45	1
ENG. M44.07, M44.08	**924 2.5 S**	9/85-7/87	2479 ccm	110 kW (150 PS)	100,0 / 8						
	924 2.5 S (USA)	9/85-7/87									
ENG. M44.09, M44.10	**924 2.5 S**	8/87-7/88	2479 ccm	118-120 kW (160-163 PS)	100,0 / 8						
	944 2.5	8/87-7/88									

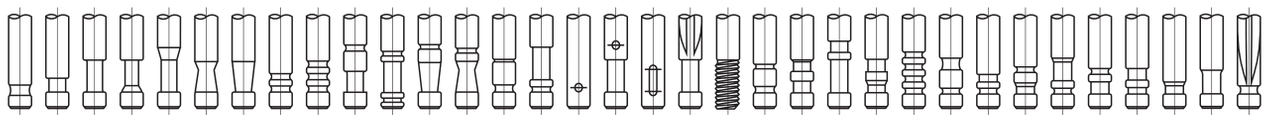


Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
PORSCHE DIESEL											
ENG. F 217	**Allgaier Standard T**	60-63	1374 ccm	15 kW (20-22 PS)	90 / 2	IN	PPOR001	001330105	37,9x8,0x155,4	45	9
ENG. F 208	**Allgaier Standard**	57-63	1644 ccm	18 kW (25 PS)	90 / 2	EX	PPOR002	001330205	33,9x8,0x155,4	45	9
ENG. F 108	**Allgaier Junior**	57-63	822 ccm	10 kW (14 PS)	95 / 1						
ENG. F 207	**Allgaier Standard** **Allgaier AP 18**	57-63	1531 ccm	16 kW (22 PS)	95 / 2						
ENG. F 308	**Allgaier Super**	57-63	2467 ccm	28 kW (38 PS)	95 / 3						
ENG. F 408	**Allgaier P 144**	57-63	3289 ccm	36 kW (50 PS)	95 / 4						
ENG. F 219	**Allgaier Standard Star**	60-63	1750 ccm	22 kW (30 PS)	98 / 2						
ENG. F 319	**Allgaier Super L**	60-63	2625 ccm	29 kW (40 PS)	98 / 3						
ENG. F 329	**Allgaier Super Expert**	60-63	2625 ccm	26 kW (35 PS)	98 / 3						
Eng. F 419	**Allgaier Master**	60-63	3500 ccm	37 kW (50 PS)	98 / 4						

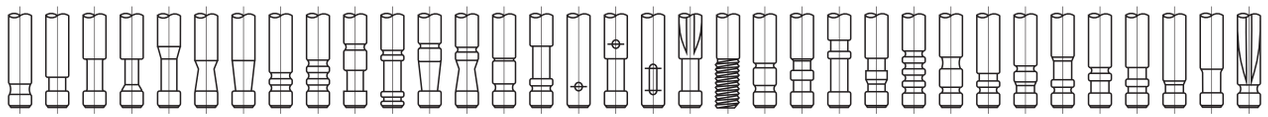
RABA ..... → **IKARUS** **209**
..... → **MAN** **267**
RELIANT ..... → **FORD/FORDSON** **164**



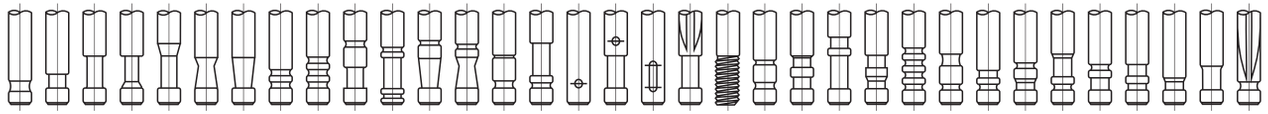
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
RENAULT BENZYNA											
ENG. E5F 710, 716	**Clio I 1.2**	9/90-2/98	1171 ccm	40-44 kW (54-60 PS)	75,8 / 4	IN	PREN001	7701465088	37,5x7,0x107,8	30	1
ENG. E6J 700	**Clio I 1.4i**	6/90-12/92	1390 ccm	40-59 kW (55-80 PS)	75,8 / 4			7700273371			
	R19 1.4	12/01 →						7700273373			
	R19 1.4i	9/88-12/01						7700853390			
ENG. E6J 701, 706	**R19 1.4i**	9/88-12/01	1390 ccm	40-59 kW (55-80 PS)	75,8 / 4			6001548030			
ENG. E6J 734, 738	**Express 1.4i**	3/86-9/97		40-59 kW (55-80 PS)	75,8 / 4			8200243523			
	R19 1.4i	9/88-12/01				EX	PREN002	7701465090	33,6x7,0x107,8	45	1
	Rapid 1.4i	9/91-9/97						7700865832			
ENG. E6J 760	**Clio I 1.4**	6/90-2/98	1390 ccm	40-59 kW (55-80 PS)	75,8 / 4			7700865934			
ENG. E6J 712	**Clio I 1.4i**	6/90-2/98	1390 ccm	43-57 kW (58-77 PS)	75,8 / 4			7701468419			
	Express 1.4i	3/86-9/97						7701468149			
ENG. E6J 713, 718	**Clio I 1.4**	6/90-2/98	1390 ccm	43-57 kW (58-77 PS)	75,8 / 4			6001548029			
ENG. E7F 700, 704, 706	**Clio I 1.2i**	6/90-2/98	1171 ccm	40-44 kW (54-60 PS)	75,8 / 4			8200243524			
ENG. E7F 730	**R19 1.2i**	5/92-12/01	1171 ccm	40-44 kW (54-60 PS)	75,8 / 4						
ENG. E7F 708, 750	**Clio I 1.2i**	1/94-2/98	1171 ccm	40-43 kW (54-58 PS)	75,8 / 4						
	R19 1.2i	5/92-12/01									
ENG. E7J 601, 719	**Clio I 1.4i**	6/90-2/98	1390 ccm	51-59 kW (69-80 PS)	75,8 / 4						
ENG. E7J 624	**Mégane 1.4i**	1/96-2/99	1390 ccm	51-59 kW (69-80 PS)	75,8 / 4						
ENG. E7J 634, 635	**Clio II 1.4i**	3/99-10/07	1390 ccm	51-59 kW (69-80 PS)	75,8 / 4						
	Kangoo 1.4i	9/98 →									
ENG. E7J 700	**Clio II 1.4i**	3/98 →	1390 ccm	51-59 kW (69-80 PS)	75,8 / 4						
	Kangoo 1.4i	3/98 →									
	R19 1.4i	5/90-12/01									
ENG. E7J 706, 707, 742, 745	**R19 1.4i**	1/92 →	1390 ccm	51-59 kW (69-80 PS)	75,8 / 4						
ENG. E7J 710, 711, 718	**Clio I 1.4i**	6/90-2/98	1390 ccm	51-59 kW (69-80 PS)	75,8 / 4						



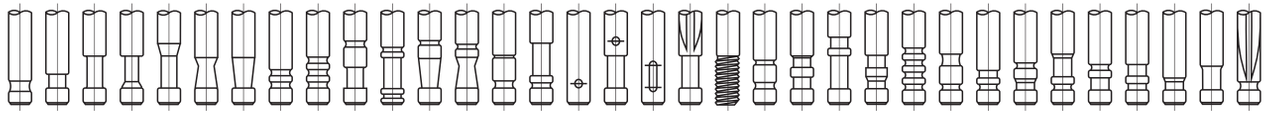
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
RENAULT BENZYNA											
ENG. K7M 704, 790	**Mégane 1.6i**	1/96-9/03	1598 ccm	55-66 kW (75-90 PS)	79,5 / 4	IN	PREN001	7701465088	37,5x7,0x107,8	30	1
	Mégane Classic 1.6i	9/96-3/99						7700273371			
	Mégane Grandtour 1.6i	3/99-8/03						7700273373			
ENG. K7M 750	**Kangoo II 1.6i 16V**		1598 ccm	55-66 kW (75-90 PS)	79,5 / 4			7700853390			
ENG. K7M 744, 745	**Clio II 1.6i**	3/98→	1598 ccm	66 kW (90 PS)	79,5 / 4			6001548030			
ENG. K7M 746	**Clio II 1.6i**	10/99→	1598 ccm	66 kW (90 PS)	79,5 / 4			8200243523			
	Kangoo II 1.6i	9/99→				EX	PREN002	7701465090	33,6x7,0x107,8	45	1
ENG. K7M 710	**Logan 1.6i**	04→	1598 ccm		79,5 / 4			7700865832			
	Sandero 1.6i							7700865934			
ENG. C3J.B700	**Express 1.4**	90→	1390 ccm		75,8 / 4			7701468419			
ENG. K7J.A7/B7	**Kangoo 1.4i**	97→	1390 ccm		75,8 / 4			7701468149			
	Clio 1.4i	98→						6001548029			
	Kangoo Express 1.4i	98→						8200243524			
ENG. F2N 700, 704, 708, 730, 796, 797, 798; F3N 708	**R 9 1.7/1.7i**	9/84-3/91	1721 ccm	54-70 kW (73-95 PS)	81 / 4	IN	PREN003	7701463081	38,1x8,0x111,5	30	1
	R 11 1.7/1.7i	10/83-3/91						7700713788			
ENG. F2N 711, 716, 750, 752, 753, 754, 758, 786; F3N 723, 726; F2R 702	**R 21 1.7/1.7i**	3/86-12/95	1721 ccm	54-70 kW (73-95 PS)	81 / 4			3342278-3			
						EX	PREN004	7701463082	32,5x8,0x111,3	45	1
								7701463944			
ENG. F2N 720	**R 19 1.7**	9/88-12/95	1721 ccm	54-70 kW (73-95 PS)	81 / 4			7700713790			
	R 21 1.7	3/86-3/92						7701463510			
ENG. F2N 721, 722, 724, 726, 727, 728; F3N 741, 743	**R 19 1.7/1.7i**		1721 ccm	54-70 kW (73-95 PS)	81 / 4			3343738-5			
								3342399-7			
ENG. F2N 742; F3N 722	**R 5 1.7/1.7i**	10/86-12/96	1721 ccm	54-70 kW (73-95 PS)	81 / 4						
	R 9 1.7/1.7i	10/86-3/91									
	R 11 1.7/1.7i	10/83-3/91									
	R 21 1.7/1.7i	3/86-12/95									



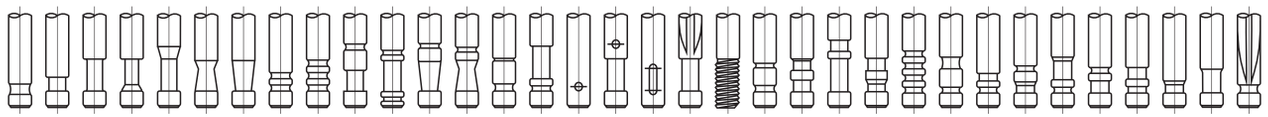
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
RENAULT BENZYNA											
ENG. F3N 702, 716, 717	**R 5 1.7i**	10/86-12/96	1721 ccm	54-70 kW (73-95 PS)	81 / 4	IN	PREN003	7701463081	38,1x8,0x111,5	30	1
ENG. F1N 720, 722, 724	**Trafic 1.7**	10/84-10/97	1721 ccm	50-58 kW (68-79 PS)	81 / 4			7700713788			
ENG. F2N 710	**R 5 1.7**	6/87-12/96	1721 ccm	60-68 kW (82-92 PS)	81 / 4			3342278-3			
	R 9 1.7	10/86-3/91				EX	PREN004	7701463082	32,5x8,0x111,3	45	1
	R 11 1.7	10/83-3/91						7701463944			
	R 21 1.7	3/86-12/88						7700713790			
ENG. F2N 732	**R 11 1.7i**	10/83-3/91	1721 ccm	60-68 kW (82-92 PS)	81 / 4			7701463510			
ENG. F2N 740	**R 5 1.7**	6/87-12/96	1721 ccm	60-68 kW (82-92 PS)	81 / 4			3343738-5			
ENG. F2N 770	**Clio I 1.7**	6/90-3/96	1721 ccm	60-68 kW (82-92 PS)	81 / 4			3342399-7			
ENG. F2N 712	**R 9 1.7**	10/86-3/91	1721 ccm	53-56 kW (72-76 PS)	81 / 4						
	R 11 1.7	10/83-3/91									
	R 21 1.7	3/86-12/95									
ENG. F3N 718	**R 5 1.7i**	10/86-12/96	1721 ccm	53-77 kW (72-76 PS)	81 / 4						
	R 9 1.7i	9/84-3/91									
	R 11 1.7i	10/84-3/91									
	R 19 1.7i	10/89-4/92									
	R 21 1.7i	3/86-12/95									
ENG. F3N 740	**R 19 1.7i**	9/88-12/95	1721 ccm	53-77 kW (72-76 PS)	81 / 4						
	R 21 1.7i	3/86-12/95									
ENG. F3N 742, 746	**R 19 1.7i**	9/88-12/95	1721 ccm	53-77 kW (72-76 PS)	81 / 4						



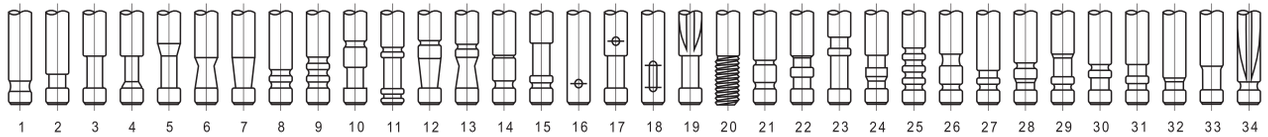
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
RENAULT BENZYNA											
ENG. F7P 700, 704	**R 19 1.8i 16V**	6/89-12/95	1764 ccm	99-103 kW (135-140 PS)	82 / 4	IN	PREN005	7701465172	30,7x7,0x107,5	45	1
ENG. F7P 720, 722	**Clio I 1.8i 16V**	3/91-3/96	1794 ccm	99-103 kW (135-140 PS)	82,7 / 4	EX	PREN006	7701465173	28,6x7,0x108,3	45	1
ENG. F7-B539	**R 19 16V**	88 →	1764 ccm		82 / 4	EX	PREN074	7700747324	28,6x7,0x109,1	45	1
ENG. J5R 716, 722, 726	**Trafic 2.0**	9/80-10/97	1995 ccm	58-63 kW (79-86 PS)	88 / 4	IN	PREN007	7701460147	43,9x8,0x112,0	30	1
ENG. J5R 718, 728	**Master P28 2.0**	10/86-9/97	1995 ccm	58-63 kW (79-86 PS)	88 / 4			7700635409			
	Master T28 2.0	10/86-7/98						7700644710			
	Master T30 2.0	10/86-7/98						7900000680			
	Master T35 2.0	10/86-7/98						95536524			
ENG. J5R A7	**Trafic P 862**	83 →	1995 ccm	58-63 kW (79-86 PS)	88 / 4			245390-0			
ENG. J6R 234, 236, 734	**Espace I 2.0**	7/84-12/90	1995 ccm	74-81 kW (101-110 PS)	88 / 4			0948.36			
ENG. J6R 706, 707, 760, 762, 763	**R 25 2.0**	1/84-12/92	1995 ccm	74-81 kW (101-110 PS)	88 / 4	EX	PREN008	7701460143	38,6x8,0x111,4	45	1
ENG. J6R 710, 712, 713, 726	**Fuego 2.0**	10/80-10/85	1995 ccm	74-81 kW (101-110 PS)	88 / 4			7701460148			
ENG. J6R 711, 714, 715, 716	**Fuego 2.0**	10/80-10/85	1995 ccm	74-81 kW (101-110 PS)	88 / 4			7700701645			
	R 18 2.0	10/81-2/86						7700732119			
	R 20 2.0	9/80-12/83						7700644709			
ENG. J6R 758, 759, 792, 793	**R 21 2.0**	3/86-3/93	1995 ccm	74-81 kW (101-110 PS)	88 / 4			7700733512			
ENG. J7R 720	**R 21 2.0i 12V**	10/86-12/95	1995 ccm	99-103 kW (135-140 PS)	88 / 4			95536523			
	R 25 2.0i 12V	10/88-12/92						0949.38			
ENG. J7R 721, 726	**R 25 2.0i 12V**	10/88-12/92	1995 ccm	99-103 kW (135-140 PS)	88 / 4	EX	PREN065	7900000681	37,0x8,0x111,4	45	1
ENG. J7R 740, 754	**R 21 2.0i 12V**	5/89-12/95	1995 ccm	99-103 kW (135-140 PS)	88 / 4			7910245802			
ENG. J7R 738, 739	**Safrane 2.0i 12V**	4/92-9/96	1995 ccm	97-103 kW (132-140 PS)	88 / 4			7910246494			
ENG. J7R 722, 723, 730	**R 25 2.0i**	6/87-12/92	1995 ccm	77-88 kW (105-120 PS)	88 / 4			245802-4			
ENG. J7R 732	**R 21 2.0i**	5/91-3/93	1995 ccm	77-88 kW (105-120 PS)	88 / 4			0949.30			
	Safrane 2.0i	4/92-9/96						0949.32			
ENG. J7R 733	**Safrane 2.0i**	4/92-9-96	1995 ccm	77-88 kW (105-120 PS)	88 / 4						



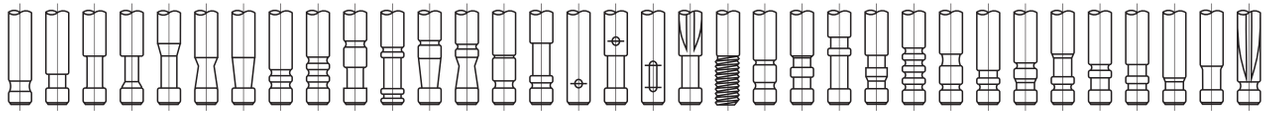
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
RENAULT BENZYNA											
ENG. J7R 746, 747, 751	**R 21 2.0i**	10/86-12/95	1995 ccm	77-88 kW (105-120 PS)	88 / 4	IN	PREN007	7701460147	43,9x8,0x112,0	30	1
ENG. J7R 750	**R 21 2.0i**	10/86-3/93	1995 ccm	77-88 kW (105-120 PS)	88 / 4			7700635409			
	R 25 2.0i	6/89-12/92						7700644710			
ENG. J7R 760	**Espace I 2.0i**	6/87-12/90	1995 ccm	77-88 kW (105-120 PS)	88 / 4			7900000680			
ENG. J7R 756	**R 21 2.0i Turbo**	5/89-3/93	1995 ccm	119-121 kW (162-165 PS)	88 / 4			95536524			
ENG. J7R 768	**Espace II 2.0i**	1/91-9/96	1995 ccm	76-77 kW (103-105 PS)	88 / 4			245390-0			
ENG. J7T 707, 708, 714, 715, 730, 731, 732, 733	**R 25 2.2i**	1/84-12/92	2165 ccm	67-93 kW (91-126 PS)	88 / 4	EX	PREN008	0948.36 7701460143	38,6x8,0x111,4	45	1
ENG. J7T 736, 755, 756	**R 21 2.2i**	7/86-12/95	2165 ccm	67-93 kW (91-126 PS)	88 / 4			7701460148			
ENG. J7T 600, 780	**Trafic 2.2i**	3/89-10/97	2165 ccm	67-93 kW (91-126 PS)	88 / 4			7700701645			
ENG. J7T 782, 788	**Master T28 2.2i**	9/80-9/97	2165 ccm	67-93 kW (91-126 PS)	88 / 4			7700732119			
ENG. J7T 718	**Fuego 2.2**	10/83-10/85	2165 ccm	67-81 kW (91-110 PS)	88 / 4			7700644709			
	R 18 2.2	10/83-2/86						7700733512			
ENG. J7T 762	**Safrane 2.2i**	4/92-9/96	2165 ccm	67-81 kW (91-110 PS)	88 / 4			95536523			
ENG. J7T 770	**Espace I 2.2i**	7/86-12/90	2165 ccm	67-81 kW (91-110 PS)	88 / 4			0949.38			
ENG. J7T 772, 733, 776	**Espace II 2.2i**	1/91-9/96	2165 ccm	67-81 kW (91-110 PS)	88 / 4	EX	PREN065	7900000681	37,0x8,0x111,4	45	1
ENG. J7T 754	**R 21 2.2i**	7/86-12/94	2165 ccm	79-103 kW (107-140 PS)	88 / 4			7910245802			
ENG. J7T 760, 763, 766, 767	**Safrane 2.2i**	4/92-9/96	2165 ccm	79-103 kW (107-140 PS)	88 / 4			7910246494			
	Safrane 2.2i 12V	4/92-9/96	2165 ccm					245802-4			
ENG. 829.710	**Fuego 2.0**	10/80-10/85	1995 ccm	80 kW (109 PS)	88 / 4			0949.30			
	R 20 2.0	10/77-12/83						0949.32			



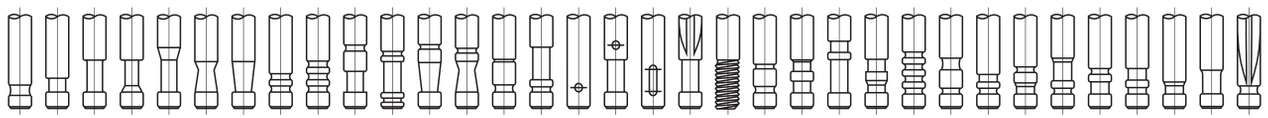
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
RENAULT BENZYNA											
ENG. J7R 752	**R 21 2.0i Turbo**	4/87-3/92	1995 ccm	119-129 kW (162-175 PS)	88 / 4	IN	PREN007	7701460147	43,9x8,0x112,0	30	1
ENG. J7T 706	**R 25 2.2i**	1/84-10/86	2165 ccm	89 kW (121 PS)	88 / 4			7700635409			
ENG. Z7V 709, 711	**R 25 2.7i**	1/84-8/89	2664 ccm	104-106 kW (142-144 PS)	88 / 6			7700644710			
ENG. 140.04	**R 30 2.7i**	10/78-12/83	2664 ccm	103 kW (140 PS)	88 / 6			7900000680			
ENG. 112, 144.01	**R 30 2.7**	2/75-9/81	2664 ccm	85-96 kW (116-131 PS)	88 / 6			95536524			
ENG. Z6W 700	**Alpine A 610 2.9i**	3/85-12/92	2849 ccm	116-118 kW (158-160 PS)	91 / 6			245390-0			
ENG. Z7W 712, 713, 717	**Espace II 2.9i**	1/91-9/96	2849 ccm	110-115 kW (150-156 PS)	91 / 6			0948.36			
ENG. Z7W 700, 706, 707	**R 25 2.8i**	6/87-12/92	2849 ccm	110-115 kW (150-156 PS)	91 / 6	EX	PREN065	7900000681	37,0x8,0x111,4	45	1
ENG. Z7W 701, 702, 709	**R 25 2.8i**	4/84-12/92	2849 ccm	100-115 kW (136-156 PS)	91 / 6			7910245802			
								7910246494			
								245802-4			
								0949.30			
								0949.32			



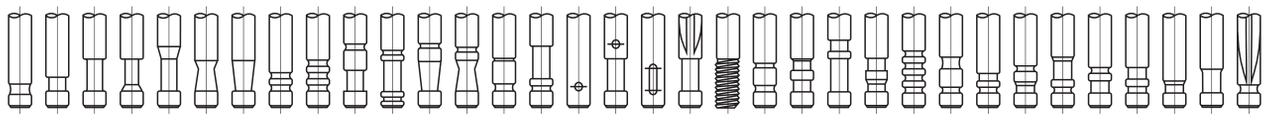
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
RENAULT BENZYNA											
ENG. X5G (129-C-710)	**R 14 GTL/L/TL**	76-79	1218 ccm	43 kW (58 PS)	75 / 4	IN	PREN009	7701459824	36,8x8,0x113,4	30	1
	R 1210	76-79	1218 ccm	43 kW (58 PS)	75 / 4			7910010826			
ENG. 145	**R 14 TS**	76-79	1218 ccm	43 kW (58 PS)	75 / 4			7910025377			
	R 1211	76-79	1218 ccm	43 kW (58 PS)	75 / 4			7910025378			
ENG. X5J (129-A-700)	**R 14 GTL/TL**	79 →	1361 ccm	44 kW (59 PS)	75 / 4			91506846			
ENG. X6J (150-A-700)	**R 14 GTS/LS/TS**	79 →	1361 ccm	52 kW (71 PS)	75 / 4			95551307			
	R 1212	79 →	1361 ccm	52 kW (71 PS)	75 / 4			95563504			
								0948.38			
						EX	PREN010	7701459825	29,3x8,0x113,6	45	1
								7910006855			
								7910025379			
								7910025382			
								7910030808			
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								95551308			
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								0949.33			
								0949.42			



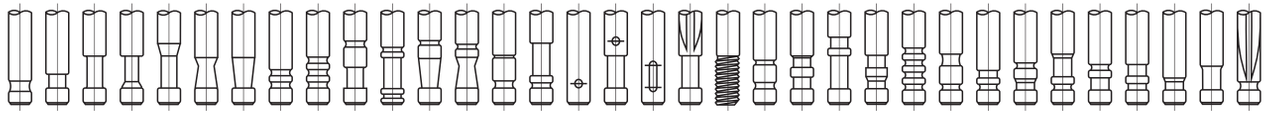
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
RENAULT BENZYNA											
ENG. 813	**R 4 F/FS/FSA/TL**	72 →	852 ccm	22 kW (29 PS)	61,4 / 4	IN	PREN011	7701458180	33,4x7,0x89,9	45	1
ENG. C1C (689)	**R 5 GTL/GTS/TL**	72 →	956 ccm	33 kW (45 PS)	65 / 4			7701458186			
ENG. C1E (688-01/-06/-09)	**R 4 GTL/GTP/TL/F4/ Pick-Up/Rodeo**	76 →	1108 ccm	33-36 kW (45-48 PS)	70 / 4			3104401-9 5613194			
	R 5 GL/GTL/GPL/TL/ Rodeo	76 →				EX	PREN012	7701458190 7700505115	30,2x7,0x88,9	45	8
	R 7 GTL	75 →						7700560792			
	R 9 C/GTC/TC/TCE	81 →						7701460256			
	R 11 GTC/TC/TCE	83 →						3100519-2			
ENG. C1E (688-01/-06/-09)	**R 6 TL/Rodeo**	70-75	1108 ccm	33-36 kW (45-48 PS)	70 / 4			560792E			
	R 8 S	75 →									
ENG. C1E (688-02/-06)	**R 10**	74 →	1289 ccm?	44 kW (60 PS)?	73 / 4						
ENG. 142	**R 1190**	74 →	1289 ccm?	44 kW (60 PS)?	73 / 4						
	R 12 L/TL/TS										
ENG. 810	**R 1179**	74 →	1289 ccm	44 kW (60 PS)	73 / 4						
	R 15 GTL/TL										
	R 12 TS	69 →	1289 ccm	40 kW (54 PS)	73 / 4						
	R 15 TS										



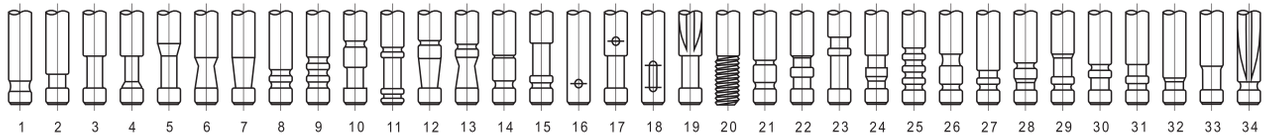
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
RENAULT BENZYNA											
ENG. 813.02	**R4 0.85**	4/72-12/93	852 ccm	21 kW (29 PS)	61,4 / 4	IN	PREN011	7701458180	33,4x7,0x89,9	45	1
ENG. C1C 706, 754	**Express 1.0**	3/86-8/91	956 ccm	24-27 kW (33-37 PS)	65 / 4			7701458186			
ENG. 689.01	**R8 1.0**	7/65-10/72	956 ccm	29 kW (40 PS)	65 / 4			3104401-9			
ENG. 689.10	**R5 1.0**	8/72-12/95	956 ccm	33 kW (44 PS)	65 / 4			5613194			
ENG. C1E 688	**Estafette 1.1**	2/62-12/81	1108 ccm	25-36 kW (34-49 PS)	70 / 4	EX	PREN034	7700638247	29,0x7,0x88,9	45	8
	Express 1.1	3/86-7/90						7701460690			
ENG. C1E 700	**Clio I 1.1**	6/90-3/96	1108 ccm	25-36 kW (34-49 PS)	70 / 4			7701461802			
ENG. C1E 714, 718, 719	**R 4 1.1**	10/76-12/93	1108 ccm	25-36 kW (34-49 PS)	70 / 4			7701461214			
ENG. C1E 715, 720	**R 9 1.1**	9/81-10/87	1108 ccm	25-36 kW (34-49 PS)	70 / 4			3267437-6			
	R 11 1.1	3/83-3/91						3277694-7			
ENG. C1E 726	**R 5 1.1**	9/80-12/85	1108 ccm	25-36 kW (34-49 PS)	70 / 4			3277695-7			
ENG. C1E 750, 752, 754, 756	**Express 1.1**	3/86-8/91	1108 ccm	25-36 kW (34-49 PS)	70 / 4			3277813-6			
	R 5 1.1	10/84-12/96									
	Rapid 1.1	3/86-8/91									
ENG. C1E 760	**R 5 1.1**	10/84-12/96	1108 ccm	25-36 kW (34-49 PS)	70 / 4						
	Rapid 1.1	8/90-8/91									
ENG. C1E 762, 764, 792	**Express 1.1**	9/91-10/97	1108 ccm	25-36 kW (34-49 PS)	70 / 4						
	Rapid 1.1	3/86-10/97									
ENG. 688.01	**Estafette 1.1**	2/62-12/81	1108 ccm	25 kW (34 PS)	70 / 4						
	R 4 1.1	65-12/93									
ENG. 688.02, 688.06, 688.09	**R 8 1.1**	2/69-10/72	1108 ccm	26-39 kW (35-53 PS)	70 / 4						
ENG. 688.10	**R 6 1.1**	9/71-8/80	1108 ccm	26 kW (35 PS)	70 / 4						
	Rodeo 5 1.1	7/71-4/90									
ENG. 688.11, 688.12	**R 4 1.1**	10/78-12/93	1108 ccm	25 kW (34 PS)	70 / 4						
	R 6 1.1	76-3/86									
ENG. 688.13	**R 5 1.1**	9/80-3/85	1108 ccm	33 kW (45 PS)	70 / 4						
	R 6 1.1	9/80-3/86									
	R 7 1.1	9/80-12/82									



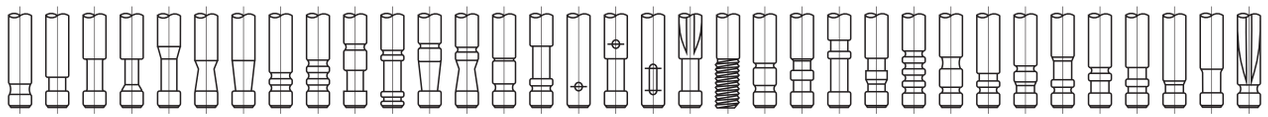
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
RENAULT BENZYNA											
ENG. K4J 710, 711, 715	**Clio II 1.4i 16V**	5/00 →	1390 ccm	70-72 kW (95-98 PS)	79,5 / 4	IN	PREN018	7701471378	32,4x5,5x109,2	45	1
ENG. K4J 712, 713	**Clio II 1.4i 16V**	10/99-10/07	1390 ccm	70-72 kW (95-98 PS)	79,5 / 4			7701472124			
	Symbol 1.4i 16V	6/01 →						13201-00QAA			
	Thalia II 1.4i 16V	6/01 →				EX	PREN019	7701471354	28,0x5,5x107,5	45	1
ENG. K4J 714, 750	**Clio II 1.4i 16V**	1/00-9/05	1390 ccm	70-72 kW (95-98 PS	79,5 / 4			7701471379			
	Mégane 1.4i 16V	6/98-9/03						7701473354			
	Mégane Classic 1.4i 16V	1/01-8/03						7701473355			
	Mégane Grandtour 1.4i 16V	3/99-8/03						13202-00QAA			
	Scénic 1.4i 16V	8/98-2/02									
	Scénic II 1.4i 16V	5/03 →									
ENG. K4M 700, 701, 704, 706,709, 712	**Mégane 1.6i 16V**	6/98-9/03	1598 ccm	66-79 kW (90-110 PS)	79,5 / 4						
	Mégane Classic 1.6i 16V	01/01-8/03									
	Mégane Grandtour 1.6i 16V	3/99-8/03									
	Scénic 1.6i 16V	8/98 →									
ENG. K4M 708	**Clio II 1.6i 16V**	8/00-10/07	1598 ccm	66-79 kW (90-110 PS)	79,5 / 4						
	Kangoo 1.6i 16V	6/00 →									
	Mégane 1.6i 16V	5/00-9/03									
	Mégane Classic 1.6i 16V	1/01-8/03									
	Mégane Grandtour 1.6i 16V	3/99-8/03									
	Scénic 1.6i 16V	8/99 →									
ENG. K4M 710, 711, 714, 716	**Laguna II 1.6i 16V**	3/01-10/07	1598 ccm	65-98 kW (88-133 PS)	79,5 / 4						
	Laguna Grandtour II 1.6i 16V	3/01-10/07									
ENG. K4M 730, 750	**Kangoo 1.6i 16V**	2/01 →	1598 ccm	66-79 kW (90-110 PS)	79,5 / 4						
ENG. K4M 732	**Clio II 1.6i 16V**	11/01 →	1598 ccm	66-79 kW (90-110 PS)	79,5 / 4						
	Kangoo 1.6i 16V	1/03 →									
ENG. K4M 734, 745	**Clio II 1.6i**	1/01 →	1598 ccm	66-79 kW (90-110 PS)	79,5 / 4						
	Symbol 1.6i	9/91 →									
	Thalia II 1.6i	9/91 →									



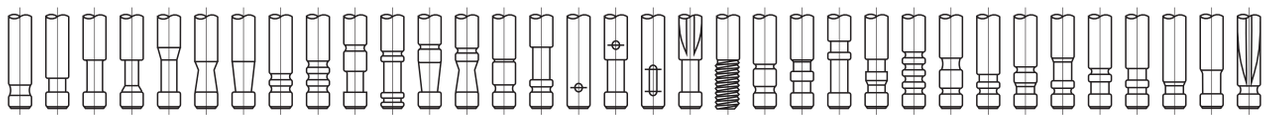
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
RENAULT BENZYNA											
ENG. F4P 720, 722	**Mégane 1.8i 16V** **Mégane Classic 1.8i 16V** **Mégane Grandtour 1.8i 16V** **Scénic 1.8i 16V**	3/99-9/03 1/01-8/03 2/01-8/03 9/00 →	1783 ccm	85-88 kW (116-120 PS)	82,7 / 4	IN	PREN020	7701471279 7701474287 4411048 93160645 13201-00QAE	33,4x5,5x110,0	45	1
ENG. F4P 760	**Laguna I 1.8i 16V** **Laguna Grandtour 1.8i 16V**	5/98-2/01 5/98-2/01	1783 ccm	85-88 kW (116-120 PS)	82,7 / 4	EX	PREN021	7701473101 7701471280 7701474286	28,9x5,5x108,9	45	1
ENG. F4P 770, 771, 772, 773,774, 775	**Laguna II 1.8i 16V** **Laguna Grandtour II 1.8i 16V**	3/01-10/07 3/01-10/07	1783 ccm	85-88 kW (116-120 PS)	82,7 / 4			7701478130 4411049 93160646			
ENG. F4R 720, 722	**Trafic 2.0i 16V**	6/01 →	1998 ccm	88 kW (120 PS)	82,7 / 4			13202-00QAE			
ENG. F4R 700, 701	**Espace III 2.0i 16V**	10/98-10/02	1998 ccm	102-103 kW (139-140 PS)	82,7 / 4						
ENG. F4R 780	**Laguna I 2.0i 16V** **Laguna Grandtour 2.0i 16V**	9-99/2/01 9/99-2/01	1998 ccm	100-102 kW (136-140 PS)	82,7 / 4						
ENG. F4R 730, 732, 736, 738	**Clio II 2.0i 16V**	3/99 →	1998 ccm	124 kW (169 PS)	82,7 / 4						
ENG. F4R 740, 741, 746, 747	**Mégane 2.0i 16V** **Mégane Classic 2.0i 16V** **Mégane Grandtour 2.0i 16V** **Scénic 2.0i 16V** **Scénic II 2.0i 16V**	5/00-9/03 9/01-8/03 9/01-8/03 3/99-8/03 11/00 →	1998 ccm	99-103 kW (135-140 PS)	82,7 / 4						
ENG. F4R 744	**Scénic 2.0i 16V**	6/99-8/03	1998 ccm	99-103 kW (135-140 PS)	82,7 / 4						
ENG. F4R 712	**Laguna II 2.0i 16V** **Laguna Grandtour II 2.0i 16V**	3/01-10/07 3/01-10/07	1998 ccm	99-103 kW (135-140 PS)	82,7 / 4						
ENG. F4R 770, 771	**Grand Scénic II 2.0i 16V** **Mégane 2.0i 16V** **Mégane Grandtour 2.0i 16V** **Scénic II 2.0i 16V**	4/04 → 11/02-11/08 8/03-5/09 5/03 →	1998 ccm	99-103 kW (135-140 PS)	82,7 / 4						



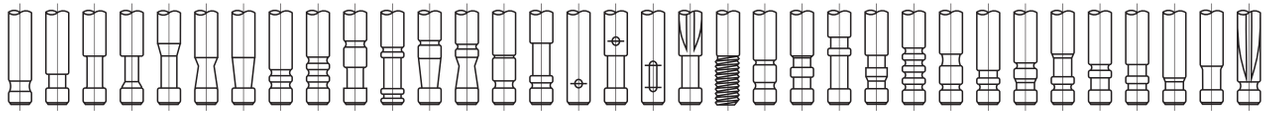
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
RENAULT BENZYNA											
ENG. F3P 682, 754	**R 19 1.8i**	5/92-12/95	1783 ccm	66-79 kW (90-107 PS)	82,7 / 4	IN	PREN022	7701466606	40,2x8,0x107,0	45	1
ENG. F3P 720	**Laguna I 1.8i**	1/94-2/01	1783 ccm	66-79 kW (90-107 PS)	82,7 / 4			3344841-6			
ENG. F3P 724	**Laguna I 1.8i**	1/94-2/01	1783 ccm	66-79 kW (90-107 PS)	82,7 / 4			3344841			
	Laguna Grandtour 1.8i	9/95-2/01						855926			
ENG. F3P 700, 704, 705, 706, 707, 708, 754, 760, 764, 765	**R 19 1.8i**	5/92-12/95	1794 ccm	65-80 kW (88-109 PS)	82,7 / 4	EX	PREN023	7701466607	32,6x8,0x107,0	45	1
								3344842-4			
ENG. F3P 710	**Clio I 1.8i**	6/90-2/98	1794 ccm	65-79 kW (88-107 PS)	82,7 / 4			3344842			
	Laguna I 1.8i	12/93-2/01						855927			
	R 19 1.8i	2/93-12/95									
ENG. F3P 712, 714, 744, 745, 748	**Clio I 1.8i**	6/90-2/98	1794 ccm	65-80 kW (88-109 PS)	82,7 / 4						
ENG. F3P 754, 755, 758	**Clio I 1.8i**	1/94-2/98	1783 ccm	66-79 kW (90-107 PS)	82,7 / 4						
ENG. F3R 611, 722, 723	**Laguna I 2.0i**	1/94-2/01	1998 ccm	83 kW (113 PS)	82,7 / 4						
	Laguna Grandtour 2.0i	5/98-2/01									
ENG. F3R 742, 769	**Espace III 2.0i**	11/96-10/00	1998 ccm	80-84 kW (109-114 PS)	82,7 / 4						
	Laguna Grandtour 2.0i	9/95-2/01									
ENG. F3R 751, 752, 791, 797, 796, 798	**Megane 2.0i**	3/96-9/03	1998 ccm	80-84 kW (109-114 PS)	82,7 / 4						
	Megane Classic 2.0i	3/96-8/03									
	Megane Grandtour 2.0i	3/99-8/03									
	Scenic 2.0i	1/97-9/99									
ENG. F3P 676	**Laguna I 1.8i**	5/98-2/01	1794 ccm	69-70 kW (94-95 PS)	82,7 / 4						
	Laguna Grandtour 1.8i	5/98-2/01									



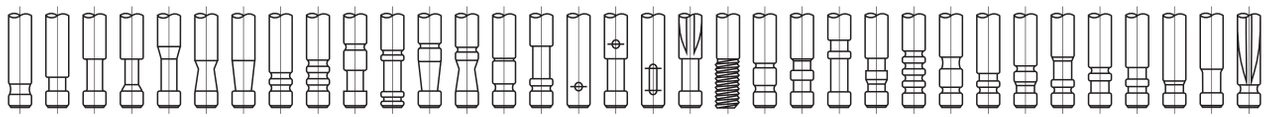
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
RENAULT BENZYNA											
ENG. F3P 678, 674, 670	**Laguna I 1.8i** **Laguna Grandtour 1.8i**	8/95-3/01 9/95-2/01	1794 ccm	69-70 kW (94-95 PS)	82,7 / 4	IN	PREN029	7701468960 7700112413	40,0x8,0x115,5	45	1
ENG. F3R 750	**Laguna I 2.0i**	3/99-3/01	1998 ccm	84 kW (114 PS)	82,7 / 4			7701471713			
	Megane 2.0i	9/96-9/03						865955			
	Megane Classic 2.0i	3/96-8/03				EX	PREN022	7701466606	40,2x8,0x107,0	45	1
	Megane Grandtour 2.0i	3/99-8/03						3344841-6			
	Scenic 2.0i	1/97-9/99						3344841			
								855926			
						IN	PREN023	7701466607	32,6x8,0x107,0	45	1
								3344842-4			
								3344842			
								855927			
						EX	PREN030	7701468961	32,6x8,0x115,3	45	1
								7700112412			
								7701471714			
								865956			
ENG. D7F 700	**Clio II 1.2i**	3/96 →	1149 ccm	40-44 kW (54-60 PS)	69 / 4	IN	PREN026	7701469266	32,8x6,0x106,8	30	1
	Twingo 1.2i	9/96 →						13201-00QAG			
ENG. D7F 701	**Kangoo 1.2i**	4/98 →	1149 ccm	40-44 kW (54-60 PS)	69 / 4	EX	PREN027	7701469269	29,9x6,0x106,8	45	1
	Twingo 1.2i	9/96 →						13202-00QAH			
ENG. D7F 702, 703, 704, 800	**Twingo 1.2i**	1/96 →	1149 ccm	40-44 kW (54-60 PS)	69 / 4						
ENG. D7F 710, 720, 722, 726	**Clio II 1.2i**	3/98 →	1149 ccm	40-44 kW (54-60 PS)	69 / 4						
	Kangoo 1.2i	10/97 →									
ENG. D7F 730	**Clio I 1.2i**	4/96-2/98	1149 ccm	40-44 kW (54-60 PS)	69 / 4						
ENG. D7F A7/D7/G7/J7	**Clio 1.2i**	97 →	1149 ccm	40-44 kW (54-60 PS)	69 / 4						
	Kangoo 1.2i	97 →									
	Twingo 1.2i	97 →									
	Kangoo Express 1.2i	98 →									



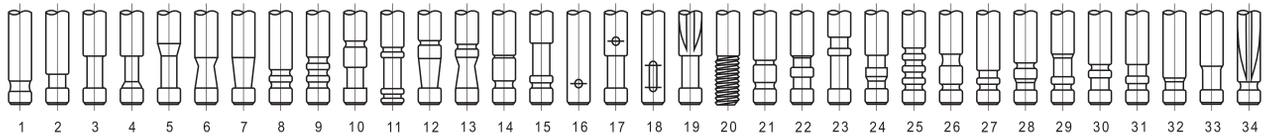
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
RENAULT BENZYNA											
ENG. F3R 728/729/768	**Espace III 2.0i** **Laguna Grandtour 2.0i**	11/96-10/00 9/95-2/01	1998 ccm	84 kW (114 PS)	82,7 / 4	IN	PREN029	7701468960 7700112413 7701471713 865955	40,0x8,0x115,5	45	1
						EX	PREN030	7701468961 7700112412 7701471714 865956	32,6x8,0x115,3	45	1
ENG. C1G 700, 702, 710, 720, 722	**R 5 1.2**	10/84-12/96	1237 ccm	40 kW (54-55 PS)	71,5 / 4	IN	PREN033	7701462137	34,0x7,0x91,5	45	1
	R 9 1.2	9/85-12/91				EX	PREN034	7700638247	29,0x7,0x88,9	45	8
	R 11 1.2	10/84-3/91						7701460690			
ENG. C1G 726, 730	**R 5 1.2**	10/84-12/96	1237 ccm	40 kW (54-55 PS)	71,5 / 4			7701461802			
	R 19 1.2	9/88-12/01						7701461214			
	Rapid 1.2	9/91-9/96						3267437-6			
ENG. C3J 710	**R 19 1.4**	9/88-12/01	1397 ccm	40-44 kW (54-60 PS)	75,8 / 4			3277694-7			
ENG. C1J 700, 715, 742, 768, 780	**Express 1.4**	3/86-9/97	1397 ccm	34-53 kW (48-72 PS)	76 / 4			3277695-7			
	R 5 1.4	10/84-12/96						3277813-6			
	R 9 1.4	9/81-3/91									
	R 11 1.4	3/83-12/85									
	R 14 1.4	3/83-12/88									
	R 19 1.4	9/88-12/01									
	Rapid 1.4	3/86-9/97									
	Trafic 1.4	9/80-2/89									
ENG. C1J 791	**R 12 1.4**	4/71-12/89	1397 ccm	34-53 kW (48-72 PS)	76 / 4						
ENG. C1J 792, 796, 798	**R 9 1.4**	9/81-12/94	1397 ccm	34-53 kW (48-72 PS)	76 / 4						
ENG. C1J 760, 764, 770	**R 9 1.4 Turbo**		1397 ccm	77-88 kW (105-120 PS)	76 / 4						
	R 11 1.4 Turbo										



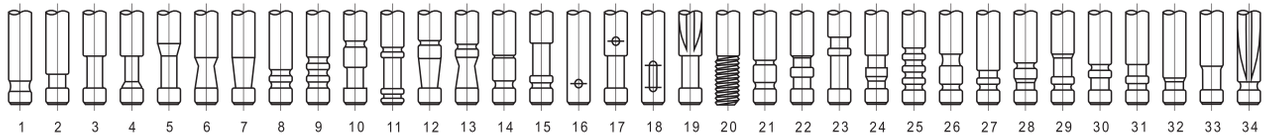
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
RENAULT BENZYNA											
ENG. 847 700, 847 701	**R 5 1.4**	5/76-8/83	1397 ccm	34-50 kW (48-67 PS)	76 / 4	IN	PREN033	7701462137	34,0x7,0x91,5	45	1
	R 18 1.4	4/78-2/86				EX	PREN034	7700638247	29,0x7,0x88,9	45	8
	Trafic 1.4	9/80-2/89						7701460690			
ENG. 847 720, 847 722	**Fuego 1.4**	3/80-10/85	1397 ccm	34-50 kW (48-67 PS)	76 / 4			7701461802			
	R 18 1.4	4/78-2/86						7701461214			
ENG. B530	**R 5 GTL/TL/TR**	87 →	1237 ccm	40 kW (55 PS)	71,5 / 4			3267437-6			
	R 9 GTC/GTL/C/TC							3277694-7			
	R 11 GTC/TC	88 →						3277695-7			
	R 19 GTR/TR/TRE							3277813-6			
ENG. C2J-780	**R 5 Supercinq GT**	87 →	1721 ccm	55-66 kW (75-90 PS)	81 / 4						
ENG. F5R 740	**Megane 2.0 16V**	01 →	1998 ccm	103 kW (140 PS)	82,7 / 4	IN	PREN035	7701471780	31,5x5,5x113,5	45	1
	Laguna 2.0 16V	01 →				EX	PREN036	7701471781	27,3x5,5x114,0	45	1
ENG. N7Q 700, N7Q 704	**Laguna I 2.0i 16V**	3/95-2/01	1948 ccm	100-103 kW (136-140 PS)	83 / 4	IN	PREN037	7438610007	31,0x7,0x104,0	45	9
	Laguna Grandtour 2.0i 16V	9/95-2/01						1397641-0			
						EX	PREN038	7438610008	27,0x7,0x103,2	45	9
ENG. N7Q 710, 711	**Safrane 2.0i 16V**	10/96-12/00	1948 ccm	100-103 kW (136-140 PS)	83 / 4			1366882-7			
								1366490			
								9471466			
ENG. J7R 734, 735, 754	**Safrane 2.0i 12V**	4/92-7/96	1995 ccm	97 kW (132 PS)	88 / 4	IN	PREN041	7701465495	36,4x7,0x111,8	45	1
	R21 TXi 12V	9/85-12/91				IN	PREN042	7701465496	30,4x7,0x111,9	45	1
ENG. J7T 600	**Trafic 2.2**	5/89 →	2165 ccm	74 kW (101 PS)	88 / 4	EX	PREN043	7701465497	40,4x7,0x112,0	45	1
ENG. J7T 760, 761	**Safrane 2.2i**	4/92-7/96	2165 ccm	101 kW (137 PS)	88 / 4						



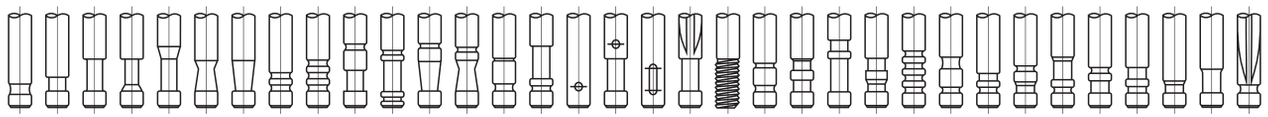
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
RENAULT BENZYNA											
ENG. D4D 700; D4F 714	**Clio II 1.2i 16V** **Kangoo 1.2i 16V**	6/00 → 5/00 →	1149 ccm	55-74 kW (75-100 PS)	69 / 4	IN	PREN070	7701472986 8200343407	26,0x5,5x110,9	45	9
ENG. D4D 720; D4F 716	**Kangoo 1.2i 16V**	2/01 →	1149 ccm	55-74 kW (75-100 PS)	69 / 4			13201-00QAJ			
ENG. D4F 702, 704	**Twingo 1.2i 16V**	9/00 →	1149 ccm	55-74 kW (75-100 PS)	69 / 4	EX	PREN071	7701473004	22,0x5,5x112,6	45	9
ENG. D4F 708	**Clio II 1.2i 16V** **Clio III 1.2i 16V** **Modus 1.2i 16V** **Twingo 1.2i 16V**	10/03 →	1390 ccm	40-59 kW (55-80 PS)	69 / 4			8200343412 13202-00QAK			
ENG. D4F 706, 712	**Clio II 1.2i 16V** **Kangoo 1.2i 16V** **Thalia II 1.2i 16V**	6/00 → 5/00 → 4/02 →	1149 ccm	55-74 kW (75-100 PS)	69 / 4						
ENG. D4F 722, 728, 730, 740, 742, 764, 772, 784, 790	**Clio II 1.2i 16V** **Clio III 1.2i 16V** **Kangoo 1.2i 16V** **Modus 1.2i 16V** **Symbol 1.2i 16V** **Thalia II 1.2i 16V** **Twingo 1.2i 16V**	10/03 → 6/05 → 9/01 → 9/04 → 4/04 →	1149 ccm	55-74 kW (75-100 PS)	69 / 4						
ENG. D4F 780	**Clio III 1.2i Turbo 16V** **Modus 1.2i Turbo 16V** **Twingo 1.2i Turbo 16V** **Wind 1.2i 16V**	6/05 → 9/07 → 6/07 → 9/10 →	1149 ccm	74 kW (100 PS)	69 / 4						
ENG. D4F-D4F.D7	**Clio 1.2i 16V** **Kangoo 1.2i 16V** **Kangoo Express 1.2i 16V** **Modus 1.2i 16V** **Twingo 1.2i 16V**	04 → 01 → 01 → 01 → 01 →	1149 ccm		69 / 4						



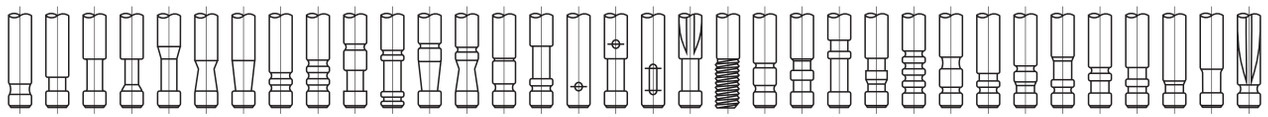
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
RENAULT BENZYNA											
ENG. MR4 704	**Laguna 2.0i 16V** **Megane 2.0i 16V,**	07 → 08 →	1997 ccm	103 kW (140 PS)	84 / 4	IN	PREN096	13201-EN20A 13201-EN20B	34,0x5,5x106,3	45	1
						EX	PREN097	13202-EN200 13202-EN20B	27,7x5,5x105,2	45	1
ENG. 800	**RENAULT 4 (112_) 0.8 (1123)**	10/62 - 09/83	845 ccm	19 kW (26 PS)	4	IN	PREN066	607598100 5555751	28,2x7,0x73,0	45	32
						EX	PREN067	7700555263 5555263 7701458195	25,0x7,0x73,8	45	8



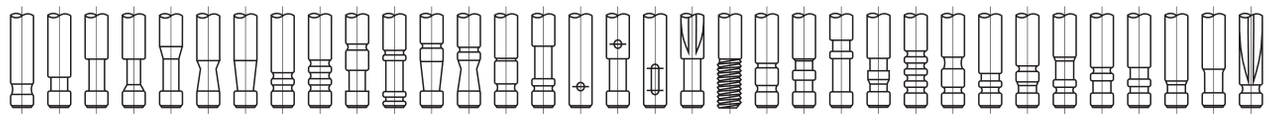
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
RENAULT DIESEL											
ENG. F8M 700	**R 9 1.6 D** **R 11 1.6 D**	9/82-3/91 8/83-3/91	1596 ccm	40 kW (54 PS)	78 / 4	IN	PREN013	7701462813 3287966-0	36,1x8,0x111,7	30	1
ENG. F8M 720, 730	**Express 1.6 D** **R 5 1.6 D** **Rapid 1.6 D**	3/86-3/97 10/84-12/96 3/86-3/97	1596 ccm	40 kW (54-55 PS)	78 / 4	EX	PREN014	7701462814 7700696117 7700702871	31,6x8,0x111,3	45	1
ENG. F8M 736, 760	**Express 1.6 D** **Rapid 1.6 D**	9/91-3/97 3/86-8/98	1596 ccm	40 kW (54 PS)	78 / 4			3287967-8			
ENG. F8Q 600, 606	**Trafic 1.9 D**	11/97-5/01	1870 ccm	40-48 kW (54-65 PS)	80 / 4	IN	PREN013	7701462813	36,1x8,0x111,7	30	1
ENG. F8Q 672, 676, 678, 692, 696, 714	**Clio I 1.9 D**	7/92-2/98	1870 ccm	40-48 kW (54-65 PS)	80 / 4			3287966-0			
						IN	PREN031	7701471704	35,0x8,0x110,0	45	1
ENG. F8Q 704, 710	**R 20 1.9 D** **R 21 1.9 D**	10/80-12/83 5/89-12/94	1870 ccm	44-48 kW (60-65 PS)	80 / 4			7701469369 30852144			
ENG. F8Q 706, 742, 764	**R 19 1.9 D**	9/88-12/01	1870 ccm	44-48 kW (60-65 PS)	80 / 4			M852144			
ENG. F8Q 788	**Scénic 1.9 D**	11/96 →	1870 ccm	44-48 kW (60-65 PS)	80 / 4			M889130			
ENG. F8Q 731, 736, 785	**Mégane 1.9 dTi**	8/98-9/03	1870 ccm	66-72 kW (90-98 PS)	80 / 4			3345515			
ENG. F8Q 610, 740, 744, 768	**R 19 1.9 TD**	9/90-12/01	1870 ccm	66-72 kW (90-98 PS)	80 / 4			101778			
ENG. F8Q 784	**Mégane 1.9 TD**	1/96-2/99	1870 ccm	66-70 kW (90-95 PS)	80 / 4	IN	PREN045	7701468190	35,0x8,0x110,5	45	1
	Mégane Classic 1.9 TD	9/96-8/03				IN	PREN049	7701468035	35,2x8,0x111,6	45	1
	Mégane Grandtour 1.9 TD	3/99-8/03				EX	PREN014	7701462814 7700696117	31,6x8,0x111,3	45	
	R 19 1.9 TD	5/92-12/01						7700702871			
	R 21 1.9 TD	5/89-12/94						3287967-8			
	Scénic 1.9 TD	11/96-3/97				EX	PREN046	7701469193	31,5x8,0x110,5	45	1
ENG. F8Q 730, 732	**Clio I 1.9 D**	6/90-2/98	1870 ccm	47-48 kW (64-65 PS)	80 / 4			7701469371			
	Express 1.9 D	9/91-10/97				EX	PREN032	7701471705	31,5x8,0x110,0	45	1
	Rapid 1.9 D	9/91-10/97						7701469373			
ENG. F8Q 722, 724, 774, 776	**Express 1.9 D**	9/91-10/97	1870 ccm	47-48 kW (64-65 PS)	80 / 4			30852146			
	Rapid 1.9 D	9/91-10/97						112656 101780			



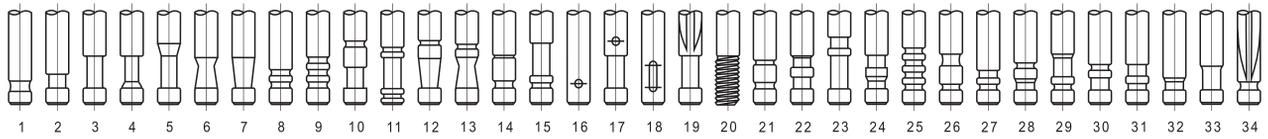
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
RENAULT DIESEL											
ENG. 8140 → Eng. No. 162067	**Master R/Q**	81 →	2445 ccm	53 kW (72 PS)	93 / 4	IN	PREN015	4733348 4813760 7701462677	40,9x8,0x121,9	30	1
ENG. 8140 Eng. No. 162068 → → Eng. No. 152000	**Master R/Q**	81 →	2445 ccm	53 kW (72 PS)	93 / 4	IN	PREN017	4757358 7301820	41,0x8,0x120,8	30	1
ENG. S8U → Eng. No. 452000	**Trafic**	81 →	2445 ccm	53 kW (72 PS)	93 / 4	EX	PREN016	504069200 7701030863 7701462678 7701463603 7701467250 0948.A2 4733349 7701462679	32,9x8,0x122,0	45	1
ENG. S9W 700 Euro 2	**Master T28 2.8 dTi**	10/97 →	2799 ccm	84 kW (114 PS)	94,4 / 4	IN	PREN017	4757358 7301820	41,0x8,0x120,8	30	1
ENG. S9W 702 Euro 2	**Master 2.8 dTi**	10/97-9/03	2799 ccm	84 kW (114 PS)	94,4 / 4						
ENG. S8U 731	**Master T28 2.4 D** **Master T30/T35 2.4 D**	9/80-9/97 8/80-8/89	2445 ccm	50-55 kW (68-75 PS)	93 / 4			504069200 7701030863			
ENG. S8U 730	**Master T35 2.4 D** **Trafic 2.4 D**	9/80-9/97 1/81-12/86	2445 ccm	50-55 kW (68-75 PS)	93 / 4			7701462678 7701463603			
ENG. S8U 720, 722, 780, 782	**Trafic 2.5 D**	9/80-5/01	2445 ccm	50-55 kW (68-75 PS)	93 / 4			7701467250 0948.A2			
ENG. S8U 742	**Master T28/T30/T35 2.5 D** **Trafic 2.5 D**	8/89-9/97 5/89-5/01	2499 ccm	53-60 kW (72-82 PS)	93 / 4	EX	PREN051	98418161 7701467249	36,7x8,0x122,0	45	1
ENG. S8U 770, 772	**Master 2.5 D**	10/97-9/03	2499 ccm	53-60 kW (72-82 PS)	93 / 4						
ENG. S8U 750, 752, 758	**Trafic 2.5 D**	3/89-5/01	2499 ccm	53-60 kW (72-82 PS)	93 / 4						
ENG. S8U 762	**Master T35 2.5 TD** **Safrane 2.5 TD**	9/80-7/98 4/92-9/96	2499 ccm	83-85 kW (113-115 PS)	93 / 4						
ENG. S9U 700, 702, 704, 714,740	**Master T28 2.5 D**	9/80-9/97	2499 ccm	69-72 kW (94-98 PS)	93 / 4						
ENG. S9U 702	**Master T30 2.5 TD**	9/80-9/97	2499 ccm	69-72 kW (94-98 PS)	93 / 4						
ENG. S9U 702, 704, 714	**Master T35 2.5 TD**	9/80-7/98	2499 ccm	69-72 kW (94-98 PS)	93 / 4						



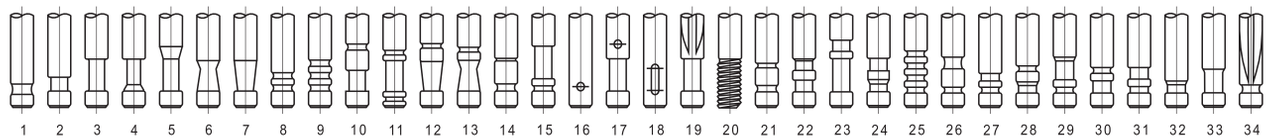
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
RENAULT DIESEL											
ENG. 8140.61.240	**Trafic 2.4 D**	10/81-1/89	2445 ccm	51-55 kW (69-75 PS)	93 / 4	IN	PREN017	4757358	41,0x8,0x120,8	30	1
ENG. 8140.61.2300	**Master P28/T28/T30/ T35 2.4 D**	8/80-9/97	2445 ccm	52-55 kW (71-75 PS)	93 / 4			7301820 504069200			
ENG. 8140.27.2500, ENG. 8140.27.2510, ENG. 8140.27.2580	**Master T82/T30/T35 2.5 TD**	9/80-9/97	2499 ccm	69-72 kW (94-98 PS)	93 / 4			7701030863 7701462678 7701463603			
ENG. 8140.27.2512	**Master T28/T30/T35 2.5 TD**	9/80-9/97	2499 ccm	69 kW (94 PS)	93 / 4			7701467250 0948.A2			
ENG. 8140.27.2582 ENG. 8140.27.2700	**Master 2.5 TD**	1/80-7/96	2499 ccm	68-78 kW (92-106 PS)	93 / 4	EX	PREN052	7301821 4826033	34,4x8,0x122,0	45	1
ENG. 8140.47.2530 Euro 1	**Master 2.5 TD**	10/91-7/96	2499 ccm	85 kW (116 PS)	93 / 4			7303309			
ENG. 8140.07.2700, ENG. 8140.07.3700 Euro 1, ENG. 8144.67.2500	**Master 2.5 D**	9/89-94	2499 ccm	53-55 kW (72-75 PS)	93 / 4			7302157 7701203675			
ENG. 8140.21.235, ENG. 8140.61.200 D, ENG. 8140.61.235	**Master T35 2.4 D Master 2.4 D/TD**	1/86-6/94 1/83-12/90	2499 ccm	53-68 kW (72-92 PS)	93 / 4						
ENG. 8144.97.2200; S8U 763	**Safrane 2.5 TD**	4/92-9/96	2499 ccm	83-87 kW (113-118 PS)	93 / 4						
ENG. 8144.97 S	**Safrane 2.5 TDE**	4/92-9/96	2499 ccm	78 kW (106 PS)	93 / 4						
ENG. 8140.47.2700, ENG. 8140.47.2721, ENG. 8140.47.2785 Euro 1	**Master 2.5 D**		2499 ccm	85 kW (116 PS)	93 / 4						
ENG. 8140.47.2711 Euro 1	**Master 2.5 D**		2445 ccm	85 kW (116 PS)	93 / 4						
ENG. 8140.67F.3700 Euro 2	**Trafic 2.5 TD**		2499 ccm	60 kW (82 PS)	93 / 4						
ENG. 8140.27.2565 Euro 1	**Master 2.5 TD**	8/90-8/96	2798 ccm	78 kW (106 PS)	93 / 4						



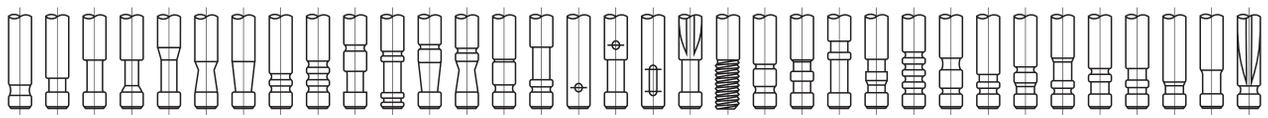
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
RENAULT DIESEL											
ENG. 8140.43.3700 Euro 2	**Master 2.8 dTi**	5/96 →	2798 ccm	90 kW (122 PS)	94,4 / 4	IN	PREN017	4757358	41,0x8,0x120,8	30	1
ENG. 8140.27.2565 Euro 1	**Master 2.5 D**	8/90-8/96	2798 ccm	78 kW (106 PS)	94,4 / 4			7301820			
ENG. 8140.43B-C-S-N	**Mascott 2.8 TD Intercooler**	99 →	2798 ccm	90 kW (122 PS)	94,4 / 4			504069200 7701030863 7701462678 7701463603 7701467250 0948.A2 99432837			
						EX	PREN099	5001836573 0949.A0	36,0x8,0x122,0	45	1



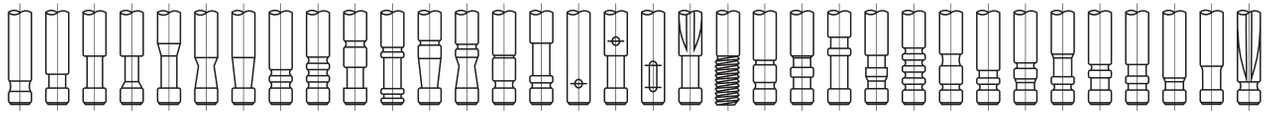
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
RENAULT DIESEL											
ENG. F9Q 710, 716, 717	**Laguna I 1.9 dTi**	10/97-2/01	1870 ccm	69-74 kW (94-101 PS)	80 / 4	IN	PREN024	7700110386	35,3x7,0x110,9	45	1
	Laguna Grandtour 1.9 dTi	9/99-2/01						7700110387			
								7701471702			
	Master II 1.9 dTi	1/00-9/03						7701476024			
ENG. F9Q 730, 731, 736	**Mégane 1.9 dTi**	6/97-9/03	1870 ccm	69-74 kW (94-101 PS)	80 / 4			7701470251			
	Mégane Classic 1.9 dTi	3/97-2/01						8200828299			
	Mégane Grandtour 1.9 dTi	3/99-8/03						13201-AW300			
								13201-00QAC			
	Scénic 1.9 dTi	3/99 →						13201-00QAM			
ENG. F9Q 734	**Espace III 1.9 dTi**	2/99-10/02	1870 ccm	69-74 kW (94-101 PS)	80 / 4			MW30620685			
	Laguna I 1.9 dTi	3/98-2/01						30889401			
	Mégane 1.9 dTi	6/97-2/99						4402633			
	Mégane Classic 1.9 dTi	3/97-2/01						4415921			
	Mégane Grandtour 1.9 dTi	3/99-8/03				EX	PREN025	7700110388	32,6x7,0x110,7	45	1
								7700110389			
	Scénic 1.9 dTi							7701471703			
ENG. F9Q 718	**Laguna I 1.9 dCi**	9/99-3/01	1870 ccm	58-88 kW (79-120 PS)	80 / 4			7701476025			
	Laguna Grandtour 1.9 dCi	9/99-2/01						7701476256			
								7701470252			
ENG. F9Q 650, 664, 750, 751, 752, 754, 758, 759	**Laguna II 1.9 dCi**	3/01-10/07	1870 ccm	58-96 kW (79-130 PS)	80 / 4			8200872426			
	Laguna Grandtour II 1.9 dCi	3/01 →						13202-AW300			
								13202-00QAN			
ENG. F9Q 770, 772	**Master II 1.9 dTi/dCi**	1/00-9/03	1870 ccm	58-88 kW (79-120 PS)	80 / 4			MW30620686			
ENG. F9Q 790	**Kangoo 1.9 dCi**	5/00 →	1870 ccm	58-88 kW (79-120 PS)	80 / 4			90889403			
ENG. F9Q 732, 733, 738, 740, 744	**Mégane 1.9 dCi**	6/97-9/03	1870 ccm	72-88 kW (98-120 PS)	80 / 4			4402634			
	Mégane Classic 1.9 dCi	2/01-8/03						4415922			
	Mégane Grandtour 1.9 dCi	3/99 →									
	Scénic 1.9 dCi	3/99 →									



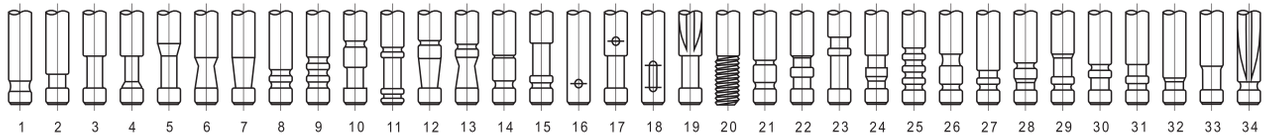
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
RENAULT DIESEL											
ENG. G8T 706, 752	**Laguna I 2.2 D 12V** **Laguna Grandtour 2.2 D**	1/94-2/01 2/95-2/01	2188 ccm	61-63 kW (83-86 PS)	87 / 4	IN	PREN039	7701468169 7701469684	32,1x7,0x117,6	45	9
ENG. G8T 790, 792, 794	**Laguna I 2.2 D 12V** **Laguna Grandtour 2.2 D**	1/94-2/01 6/95-2/01	2188 ccm	61-63 kW (83-86 PS)	87 / 4	EX	PREN040	7700859517 7701468170	31,1x7,0x117,6	45	9
ENG. G8T 714, 716, 740	**Espace III 2.2 TD 12V** **Safrane 2.2 TD 12V**	10/96-10/02 10/96-12/00	2188 ccm	83 kW (113 PS)	87 / 4						
ENG. G8T 760	**Espace III 2.2 TD 12V** **Laguna I 2.2 TD 12V** **Laguna Grandtour 2.2 TD 12V**	11/96-10/00 2/96-2/01 2/96-2/01	2188 ccm	83 kW (113 PS)	87 / 4						
ENG. F8Q 706, 742, 764	**R 19 1.9 D**	9/88-12/01	1870 ccm	47-48 kW (64-65 PS)	80 / 4	IN	PREN047	7701466716	36,2x8,0x111,7	30	1
ENG. F8Q 740, 744	**R 19 1.9 D**	9/90-12/01	1870 ccm	66-68 kW (90-92 PS)	80 / 4	EX	PREN048	7701466717	31,6x8,0x111,7	45	1
ENG. F8Q 710	**R 21 1.9 D**	5/89-12/94	1870 ccm	48 kW (65 PS)	80 / 4						
ENG. F8Q 784	**R 19 1.9 D** **R 21 1.9 D**	5/92-12/01 5/89-12/94	1870 ccm	66-70 kW (90-95 PS)	80 / 4						
ENG. F8Q 784, 786	**Megane 1.9 TD** **Scenic 1.9 TD**	1/96-2/99 11/96-3/97	1870 ccm	66-70 kW (90-95 PS)	80 / 4						
ENG. F8Q 704, 710	**R 20 1.9 D** **R 21 1.9 D**	10/80-12/83 5/89-12/94	1870 ccm	47-48 kW (64-65 PS)	80 / 4	IN	PREN053	7701465107 7700702871	36,2x8,0x111,7	30	1
ENG. F8Q 722, 774, 776	**Express 1.9 D** **Rapid 1.9 D**	9/91-10/97 9/91-10/97	1870 ccm	47-48 kW (64-65 PS)	80 / 4	EX	PREN014	7700738494 7701462814 7700696117 7700702871 3287967-8	31,6x8,0x111,3	45	1



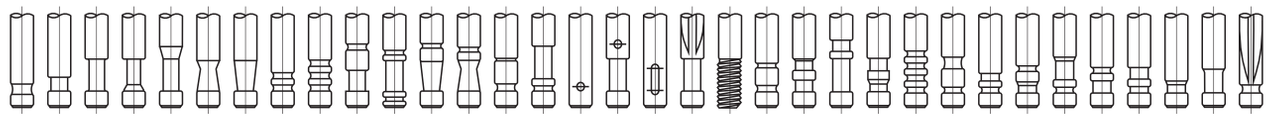
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
RENAULT DIESEL											
ENG. D 225-2	**Tractor 51**	69-81	1700 ccm	13-24 kW (10-33 PS)	95 / 2	IN	PREN054	630804600014	38,0x9,0x117,0	45	9
ENG. D 225-3, D 325-3	**Tractor 51, 56**	69-81	2550 ccm	25-37 kW (34-50 PS)	95 / 3			620704603024			
ENG. D 325-2	**Tractor 50**	69-81	1700 ccm	16-24 kW (22-32 PS)	95 / 2	EX	PREN028	F238200210040	35,0x9,0x117,0	45	9
ENG. D 325-4	**Tractor 94**	69-81	3400 ccm	51 kW (69 PS)	95 / 4			0123028300 620704603014 F238200210030 0123028200			
ENG. D 227-4	**Tractor 65, 68, 461,681**	70-77	3768 ccm	46-61 kW (63-68 PS)	100 / 4	IN	PREN055	622604600054	41,0x9,0x117,0	45	99
ENG. D 227-6	**Tractor 106/921**	70 →	5654 ccm	63-91 kW (86-124 PS)	100 / 6			F183200210080			
	Tractor TX 113	77 →						7701006369			
ENG. D 327-2	**Tractor 50S**		1885 ccm	1/72-77	100 / 2	EX	PREN056	630804600024	38,0x9,0x117,0	45	9
ENG. D 327-3	**Tractor 32-50/32-60**		2827 ccm	31-48 kW (42-55 PS)	100 / 3			F183200210070			
	Tractor 80	1/72-77						7701006368			
	Tractor 421/461										
ENG. D 327-4	**Tractor 42-70**		3768 ccm	47-55 kW (64-74 PS)	100 / 4						
	Tractor 90	70-77									
ENG. D 226-3, D 226-D	**Tractor 61/MX 58/ MX 65**	69 →	3117 ccm	35-44 kW (48-60 PS)	105 / 3						
	Tractor 489/551/556	1/68-12/98									
ENG. D 226-4, D 226-V	**Tractor 75/77/80/85**	69 →	4154 ccm	44-64 kW (60-87 PS)	105 / 4						
	Tractor 496	1/68 →									
	Tractor 751/752/781	1/68-12/88									
	Tractor MX 75/85/90	69 →									
	Tractor TX 80/85/90/95	69 →									
ENG. D 226-6, D 226-S	**Tractor 110/TS 110**	69 →	6234 ccm	74-96 kW (101-131 PS)	105 / 6						
	Tractor TZ 120/133	69 →									
	Tractor TX 120/133	69 →									



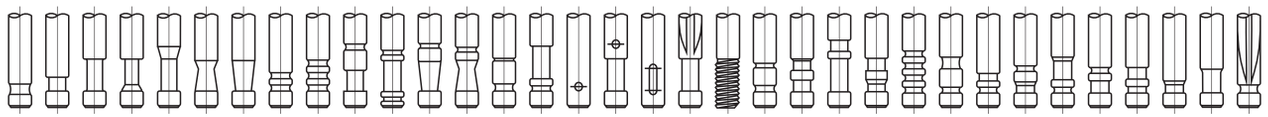
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
RENAULT DIESEL											
ENG. TD 226-4	**Tractor TX 103**	69 →	4160 ccm	68-74 kW (92-100 PS)	105 / 4	IN	PREN057	622804603014	42,0x9,0x117,0	30	9
ENG. TD 228-6	**Tractor 1451-4**	1/76-3/81	6234 ccm	99-110 kW (135-150 PS)	105 / 6			F285200210230			
	Tractor TZ/TX 145	1/76 →						F384200210060			
ENG. TD 226-4, TD 226-6	**851, 851-S, 851-4, 103-12, 103-14, 103-52, 103-54, 130-12, 130-14, R851, R1151.4, R1181.4, R1451.4, R7661, R7664**					EX	PREN058	622604603024 F285200210200 12159602 12165099 12911162	38,0x9,0x117,0	45	9
ENG. D 226 B-6	**106-54**	86-99	6234 ccm	77-105 kW (88-120 PS)	105 / 6	IN	PREN059	622604605014 F199200210040 6005009608 12156904	47,0x9,0x117,0	45	9
						EX	PREN060	622604605034 F199200210050 6005009610 12159605	43,0x9,0x117,0	45	9



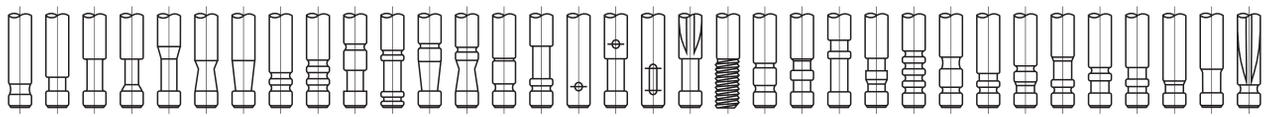
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
RENAULT DIESEL											
ENG. K9K 700, 706	**Clio II 1.5 dCi** **Kangoo 1.5 dCi** **Symbol 1.5 dCI** **Thalia II 1.5 dCi**	6/00 → 5/01 → 9/01 →	1461 ccm	48-50 kW (65-68 PS)	76 / 4	IN	PREN061	7701473184 7701476573 13201-BN700 13201-00QAN	33,5x6,0x101,0	45	9
ENG. K9K 702, 704, 708, 710	**Clio II 1.5 dCi** **Kangoo 1.5 dCi** **Thalia II 1.5 dCi**	6/01 → 5/00 → 9/01 →	1461 ccm	47-78 kW (64-106 PS)	76 / 4	EX	PREN062	7701473183 7701476572 13202-BN700 13202-00QAP	29,0x6,0x100,7	45	9
ENG. K9K 722, 728, 729	**Grand Scénic II 1.5 dCi** **Mégane II 1.5 dCi** **Mégane Grandtour II 1.5 dCi** **Sénic II 1.5 dCi**	11/02 → 11/02-5/09 2/04-5/09 5/03 →	1461 ccm	47-78 kW (64-106 PS)	76 / 4						
ENG. K9K 740	**Clio II 1.5 dCi** **Symbol 1.5 dCi** **Thalia II 1.5 dCi** **Twingo 1.5 dCi**	6/01 → 9/02 → 6/07 →	1461 ccm	47-63 kW (64-86 PS)	76 / 4						
ENG. K9K 790, 792, 794, 796	**Logan 1.5 dCi** **Sandero 1.5 dCi**	6/05 → 1/09 →	1461 ccm	47-63 kW (64-86 PS)	76 / 4						
ENG. K9K 712, 718	**Clio II 1.5 dCi** **Kangoo 1.5 dCi** **Symbol 1.5 dCI** **Thalia II 1.5 dCi** **Twingo 1.5 dCi**	6/01 → 4/05 → 9/02 → 4/08 →	1461 ccm	50-76 kW (68-103 PS)	76 / 4						
ENG. K9K 760, 762, 768, 772	**Clio III 1.5 dCi** **Grand Modus 1.5 dCI** **Modus 1.5 dCi**	6/05 → 12/04 → 9/04 →	1461 ccm	50-76 kW (68-103 PS)	76 / 4						



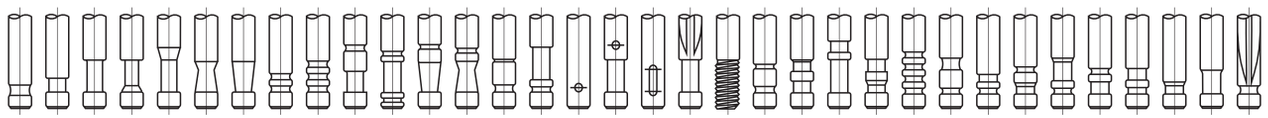
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
RENAULT DIESEL											
ENG. G9T 600, 700, 702, 703	**Laguna II 2.2 dCi 16V**	3/01-10/07	2188 ccm	85-110 kW (115-150 PS)	87 / 4	IN	PREN063	13201-00QAD	30,7x6,0x123,2	45	9
	Laguna Grandtour II 2.2 dCi	3/01 →						7701472669			
								4506083			
	Vel Satis 2.2 dCi 16V	4/02 →				EX	PREN064	13202-00QAD	29,5x6,0x123,0	45	9
ENG. G9T 605, 706, 707	**Laguna II 2.2 dCi 16V**	3/01-10/07	2188 ccm	85-110 kW (115-150 PS)	87 / 4			7701472670			
	Laguna Grandtour II 2.2 dCi	7/02 →						4506084			
ENG. G9T 710	**Avantime 2.2 dCi 16V**	12/01-12/03	2188 ccm	85-110 kW (115-150 PS)	87 / 4						
	Espace III 2.2 dCi 16V	7/00-10-02									
ENG. G9T 606, 607, 712	**Avantime 2.2 dCi 16V**	12/01-12/03	2188 ccm	85-110 kW (115-150 PS)	87 / 4						
	Vel Satis 2.2 dCi 16V	3/02 →									
ENG. G9T 720, 722, 750	**Master II 2.2 dCi 16V**	1/00-10/06	2188 ccm	85-110 kW (115-150 PS)	87 / 4						
ENG. G9U 630 Euro 4	**Master II 2.5 dCi 16V**	7/06-3/10	2463 ccm	74-107 kW (101-145 PS)	89 / 4						
	Trafic II 2.5 dCi 16V	8/06 →									
ENG. G9U 632, 650 Euro 4	**Master II 2.5 dCi**	10/03-3/10	2463 ccm	74-107 kW (101-145 PS)	89 / 4						
ENG. G9U 720, 724, 750, 754 Euro 3	**Master II 2.5 dCi 16V**	5/00-10/06	2463 ccm	73-99 kW (99-135 PS)	89 / 4						
ENG. G9U 730 Euro 3	**Trafic II 2.5 dCi 16V**	6/02 →	2463 ccm	73-99 kW (99-135 PS)	89 / 4						
ENG. G9U.A7, G9U.B7	**Master 2.5 DTi 16V**	02 →			89 / 4						
	Trafic 2.5 DTi 16V	03 →	2463 ccm								
ENG. P9X.A7	**Espace 3.0 DCi 24V**	02 →	2958 ccm		87 / 6						
	Vel Satis 3.0 DCi 24V	02 →									



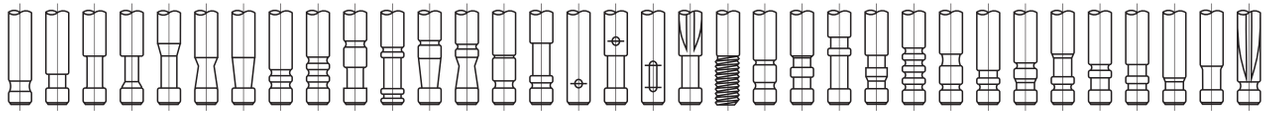
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
RENAULT DIESEL											
ENG. 852 700	**R 20 2.1 D**	10/80-2/86	2068 ccm	43-49 kW (58-67 PS)	86 / 4	IN	PREN086	7700663545	40,3x8,0x111,6	45	1
			2068 ccm	43-49 kW (58-67 PS)				7701461338			
ENG. 852 710	**R 18 2.1 D**	10/80-12/83	2068 ccm	43-49 kW (58-67 PS)	86 / 4			7700692312			
ENG. 852 720, 852 750	**Traffic 2.1 D**	9/80-10/97	2068 ccm	43-49 kW (58-67 PS)	86 / 4			7701462232			
ENG. J8S 174	**R 18 2.1 TD**	3/86-3/92	2068 ccm	63-68 kW (86-92 PS)	86 / 4	EX	PREN087	7700663546	33,3x8,0x111,6	45	1
ENG. J8S 604, 714, 742, 746, 768, 788	**R 21 2.1 TD**	3/86-12/95	2068 ccm	63-68 kW (86-92 PS)	86 / 4			7701461339			
ENG. J8S 702	**R 30 2.1 TD**	10/81-12/83	2068 ccm	63-68 kW (86-92 PS)	86 / 4						
ENG. J8S 240	**Espace I 2.1 TD**	10/84-12/90	2068 ccm	63-68 kW (86-92 PS)	86 / 4						
	R 20 2.1 TD	10/82-12/83									
ENG. J8S 610, 612, 772, 774, 776, 778	**Espace I 2.1 TD**	10/84-9/96	2068 ccm	63-68 kW (86-92 PS)	86 / 4						
ENG. J8S 708, 738	**Espace I 2.1 TD**	6/87-12/90	2068 ccm	63-68 kW (86-92 PS)	86 / 4						
	R 25 2.1 TD	1/84-12/92									
ENG. J8S 760	**Safrane 2.1 TD**	4/92-9/96	2068 ccm	63-68 kW (86-92 PS)	86 / 4						
ENG. J8S 814	**Espace I 2.1 TD**	1/84-10/96	2068 ccm	63-68 kW (86-92 PS)	86 / 4						
	R 21 2.1 TD	1/86-12/95									
ENG. J8S 330, 800	**Master T28 2.1 D**	9/80-12/98	2068 ccm	44-65 kW (60-88 PS)	86 / 4						
ENG. J8S 620, 758	**Trafic 2.1 D**	9/94-10/97	2068 ccm	44-65 kW (60-88 PS)	86 / 4						
ENG. J8S 711	**R 18 2.1 D**	10/80-2/86									
ENG. J8S 712	**Fuego 2.1 TD**	10/82-7/84	2068 ccm	44-65 kW (60-88 PS)							
	R 18 2.1 TD	4/84-2/86		44-65 kW (60-88 PS)							
ENG. J8S 600, 740, 784	**R 21 2.1 D**	5/89-12/94	2068 ccm	46-56 kW (63-76 PS)	86 / 4						
ENG. J8S 704	**R 18 2.1 D**	11/81-2/86	2068 ccm	46-56 kW (63-76 PS)	86 / 4						
	R 21 2.1 D	3/86-3/92									
ENG. J8S 706, 736	**R 25 2.1 D**	1/84-12/92	2068 ccm	46-56 kW (63-76 PS)	86 / 4						



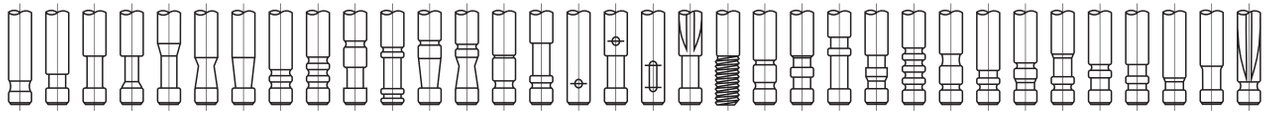
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
RENAULT DIESEL											
ENG. TD 226 B-6	**Tractor TZ/TX 155 160-94, 175-74, 180-94**	69 →	6234 ccm	81-136 kW (110-185 PS)	105 / 6	IN	PREN089	31431641	44,4x9,48x123,0	45	1
								31431103			
								31431163			
								733819M1			
						EX	PREN090	31431881	36,5x9,46x123,4	45	1
								31431104			
								31431109			
								31431164			
								31431791			
								31431851			
								31431891			
								31431931			
								733818M1			
						IN	PREN100	3142H002	44,2x9,5x123,0	30	1
						EX	PREN101	3142A052	36,5x9,5x123,5	45	1
									Grubość grzybka +1,0 [mm]		
						IN	PREN091		44,4x9,48x123,0	45	1
						EX	PREN092		36,5x9,46x123,4	45	1
ENG. AKD 12/112-2	**Tractor D 22**	60-65	1810 ccm	16-18 kW (22-24 PS)	98 / 2	IN	PREN093	632134600014	41,0x10,0x129,0	45	3
ENG. AKD 12/112-3	**Tractor D 22**	60-65	2715 ccm	24 kW (33 PS)	98 / 3			12165702			
								12911163			
						EX	PREN094	632134600024	37,0x10,0x129,0	45	3
								12165703			
								12911164			



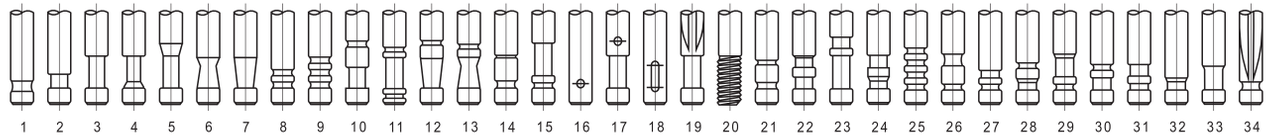
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
RENAULT DIESEL											
ENG. 8140.67.2510	**Master T28/T30/T35 2.5D**	8/89-7/98	2499 ccm	55 kW (75 PS)	93 / 4	IN	PREN098	98468338 7701030863	43,5x8,0x122,0	30	1
ENG. 8140.47.2700, 8140.47.2721, 8140.47.2785 Euro 1	**Master 2.5 D**		2499 ccm	85 kW (116 PS)	93 / 4			7701463603			
						EX	PREN051	98418161 7701467249	36,7x8,0x122,0	45	1
ENG. 8140.47.2711 Euro 1	**Master 2.5 D**		2445 ccm	85 kW (116 PS)	93 / 4						
ENG. M9R 610	**Megane III liftback (BZ0/1_) 2.0 dCi (BZ0L)**	04/09 →	1995 ccm	118 kW (160 PS)	4	IN	PREN102	7701476596	27,7x6,0x103,9	45	9
						EX	PREN103	7701476595	26,0x6,0x103,8	45	9
	Megane III liftback (BZ0/1_) 2.0 dCi	07/12 →									
	Megane III Grandtour (KZ0/1) 2.0 dCi (KZ0L)	04/09 →									
	Megane III Grandtour (KZ0/1) 2.0 dCi	07/12 →									
	Megane III coupe (DZ0/1_) 2.0 dCi (DZ0L)	04/09 →									
	Megane III coupe (DZ0/1_) 2.0 dCi	07/12 →									
	Megane CC (EZ0/1_) 2.0 dCi (EZ0L)	06/10 →									
	Scénic III (JZ0/1_) 2.0 dCi (JZ0L)	04/09 →									
	Grand Scénic III (JZ0/1_) 2.0 dCi (JZ0L)	04/09 →									



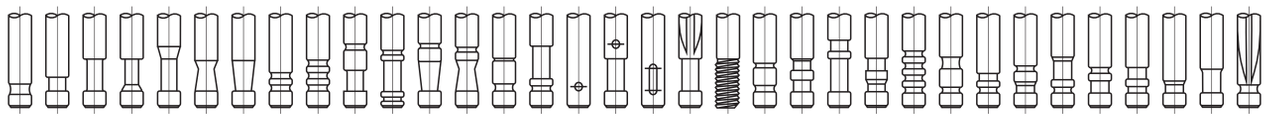
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
RENAULT DIESEL											
ENG. M9R 615	**Megane III liftback (BZ0/1_) 2.0 dCi (BZ0Y)**	10/10 →	1995 ccm	110 kW (150 PS)	4	IN	PREN102	7701476596	27,7x6,0x103,9	45	9
						EX	PREN103	7701476595	26,0x6,0x103,8	45	9
	Megane III Grandtour (KZ0/1) 2.0 dCi (KZ0Y)	10/10 →									
	Megane III coupe (DZ0/1_) 2.0 dCi (DZ0Y)	04/09 →									
	Scénic III (JZ0/1_) 2.0 dCi (JZ0Y, JZ26)	02/09 →									
	Grand Scénic III (JZ0/1_) 2.0 dCi (JZ0Y)	02/09 →									
ENG. M9R 722	**Megane II (BM0/1_, CM0/1_) 2.0 dCi (BM1K, CM1K)**	09/05 - 02/08	1995 ccm	110 kW (150 PS)	4						
	Megane II kombi (KM0/1_) 2.0 dCi	09/05 - 07/09									
	Megane II Coupé-Cabriolet (EM0/1_) 2.0 dCi	09/05 - 03/09									
	Scénic II (JM0/1_) 2.0 dCi (JM1K)	09/05 →									
	Grand Scénic II (JM0/1_) 2.0 dCi (JM1K)	09/05 →									
ENG. M9R 724	**Megane II (BM0/1_, CM0/1_) 2.0 dCi**	01/07 - 02/08	1995 ccm	127 kW (173 PS)	4						



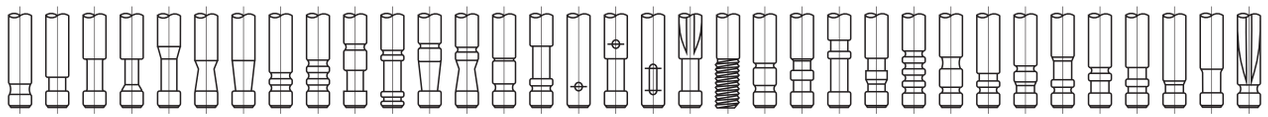
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ROMAN DIESEL											
ENG. D 2156 HMN 8	**Series 10.215**	73-75	10344 ccm	159 kW (216 PS)	121 / 6	IN	PROM001	1-04101-0305 51.04101.0129 51.04101.0305	56,0x12,0x149,0	45	1
						EX	PROM002	1-04101-0273 51.04101.0373	49,0x12,0x148,7	45	1
ENG. D 2156 MTN 8	**Series 19.256**	82 →	10344 ccm	188 kW (256 PS)	121 / 6	IN	PROM003	51.04101.0379	56,0x12,0x149,0	30	1
						EX	PROM002	1-04101-0273 51.04101.0373	49,0x12,0x148,7	45	1



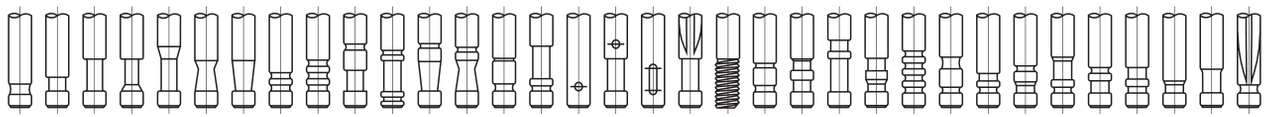
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ROVER GROUP BENZYNA											
ENG. 14 K4F	**Metro 1.4i 16V**	6/91-1/95	1396 ccm	76 kW (103 PS)	75 / 4	IN	PROV001	LGH10029	27,7x6,0x89,6	45	1
	Streetwise 1.4i 16V	9/03-5/05						GH10029			
	25 1.4i 16V	2/00-5/05						GH061586			
	45 1.4i 16V	2/00-5/05						WAM1655			
	114i 16V	9/90-10/95				EX	PROV002	LGH10028	24,1x6,0x90,0	45	1
	214i 16V	10/92-9/95						LGH100820			
	414i 16V	10/90-2/96						LGH101190			
ENG. 14 K2A, K2D	**114i 16V**	4/94 →	1396 ccm	55 kW (75 PS)	75 / 4			GH10028			
	214i 16V	1/93-2/96						GH061587			
ENG. 14 K4C, 14 K4D	**114 GTI**	3/90-8/91	1396 ccm	66-70 kW (90-95 PS)	75 / 4			WAM4127			
	214 Si/Gsi	10/89-10/95									
	414 Si/Gsi	4/90-4/95									
ENG. 14 K2	**Cityrover 1.4i 16V**	1/04 →	1396 ccm	62-63 kW (84-86 PS)	75 / 4						
ENG. 14 K4M	**Streetwise 1.4i 16V**	8/03 →	1396 ccm	62 kW (84 PS)	75 / 4						
ENG. K8	**Rover 100 Metro**	90 →			75 / 4	IN	PROV026	WAM4002	33,7x7,0x90,5	45	1
	211 1.1	95 →				EX	PROV027	WAM4003	31,2x7,0x91,0	45	1
ENG. 14K2	**214 S - 8V**	89 →			75 / 4			LGH101050			
	414	90 →						LGH101180			
	Rover 100	90 →									
	Metro 1.4 GS	90 →									
	114 Metro 1.4i	94 →									
ENG. K8	**Rover 214S/414**	95 →			75 / 4						
	214, 414										
ENG. 11 K2A	**Metro 1.1i**	10/80 →			75 / 4						
	111	5/90-12/97									
	211 1.1i	98-00									
ENG. 14 K4C (66 kW)	**214i**	10/92-2/96	1396 ccm	66 kW (90 PS)	75 / 4						



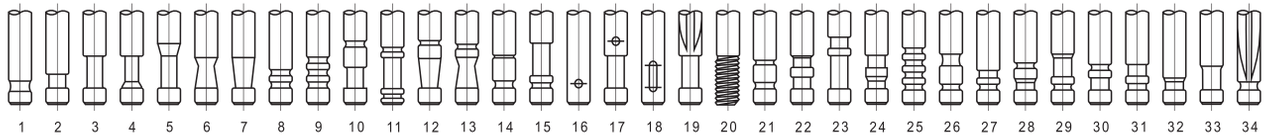
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
ROVER GROUP BENZYNA											
ENG. Honda EV (3-Valve)	**213 S/SE**	84 →	1342 ccm	52 kW (71 PS)	74 / 4	IN	PROV049	14711-PE0-000	26,9x6,6x112,8	45	1
ENG. D16Z2 (81 kW)	**216i 16V**	10/89-2/96	1590 ccm	81-85 kW (110-116 PS)	75 / 4			DBP9319			
	416i 16V	4/90-2/96				EX	PROV050	14721-PE0-000 DBP9320	32,0x6,6x113,8	45	1
ENG. D16Z2 (90 kW)	**216 GTi 16V**	9/90-2/96	1590 ccm	90 kW (122 PS)	75 / 4	IN	PROV055	14711-PM3-000	29,0x5,5x115,0	45	1
	416 GSI 16V	4/90-2/96						FDU1485			
ENG. D16Z2 (90 kW)	**216 GTi 16V**	9/90-2/96	1590 ccm	90 kW (122 PS)	75 / 4	EX	PROV056	14721-PM3-000	25,0x5,5x118,8	45	1
	416 GSI 16V	4/90-2/96						FDU1487			
ENG. D16A8	**216i 16V**	9/90-2/96	1590 ccm	90-96 kW (122-131 PS)	75 / 4						
	416i 16V	4/90-2/96									
ENG. F18A3	**618i 16V**	3/96-6/99	1850 ccm	85 kW (115 PS)	85 / 4						
ENG. F20A	**620i**	9/93-6/96	1997 ccm	85 kW (116 PS)	85 / 4						
ENG. F20Z1	**620i 16V**	4/93-9/96	1997 ccm	96 kW (131 PS)	85 / 4						
ENG. F20Z2	**620i 16V**	4/93-6/99	1997 ccm	85 kW (115 PS)	85 / 4						
ENG. 20T4H	**220 2.0i 16V**	93-99	1994 ccm	100 kW (136 PS)	84,5 / 4	IN	PROV057	LGH10020	31,8x7,0x110,8	45	1
	420 2.0i 16V	96 →						LGH101060			
ENG. T16.4	**820 2.0i 16V Turbo**	92-99	1996 ccm	100 kW (136 PS)	84,5 / 4	EX	PROV058	LGH10049 LGH101000 LGH101140	29,3x7,1x110,8	45	1
ENG. Suffix 'J'	**Land Rover 88/109 Series II/ IIA/ III**	58-85	2286 ccm		90,475 / 4	IN	PROV063	ERC7150 277593	44,5x7,9x111,5	30	1
	Land Rover 90/110	83-85				EX	PROV064	277594	35,0x8,7x111,5	45	1
ENG. Suffix 'A'/'K'	**Land Rover 2.25 Series II/IIA/III Land Rover 90/110**	85 → 83-85	2286 ccm		90,475 / 4			557967			



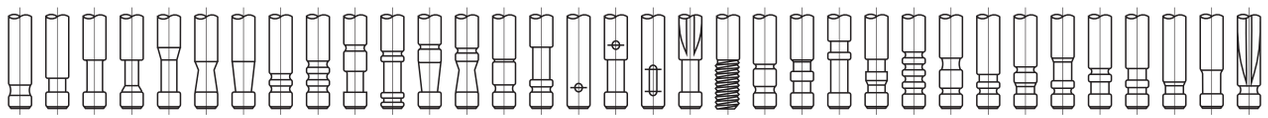
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ROVER GROUP BENZYNA											
ENG. Suffix 'F' →	**3500, 3500 S**	74-77	3528 ccm	116 kW (157 PS)	88,862 / 8	IN	PROV074	614088	39,8x8,7x117,1	45	32
	3500 S/SE/Vanden Plas	77 →				EX	PROV075	614089	34,3x8,7x117,1	45	32
Series 111	**Landrover 109**	81-83	3528 ccm	116 kW (157 PS)	88,862 / 8						
	Landrover 90/110	83 →									
ENG. Suffix 'F' →	**Range Rover**	77 →	3528 ccm	116 kW (157 PS)	88,862 / 8						
	Range Rover	85-88	3528 ccm	124 kW (168 PS)	88,862 / 8						
ENG. M52 B28 TU	**Defender 110 2.8i 24V**	9/00 →	2793 ccm	142 kW (193 PS)	84 / 6	IN	PROV095	11341739822 11341739820 11341438284 11341438385 11341438451 11341738218	32,9x6,0x106,1	45	9
						EX	PROV096	11341739823 11341739821 11341738219 11347505731	30,5x6,0x105,7	45	9
ENG. SJ413 (Suzuki)	**Land Rover Santana**	87 →	1325 ccm	44-47 kW (60-64 PS)	74 / 4	IN	PROV097	12911-82000 12911-82010 12911A82000	36,0x7,0x115,5	45	1
						EX	PROV098	12915-82000 12915-82062 12915-82050 12915A82050	30,0x7,0x114,5	45	1



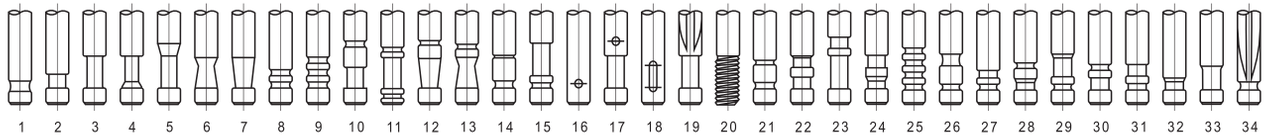
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ROVER GROUP BENZYNA											
ENG. 25 K4F	75 (RJ) 2.5 V6 800 liftback (XS) 2.5 Si 800 liftback (XS) 2.5 800 (XS) 825 Si Lux (RS) 800 coupe 825 Si (RS)	10/01 - 05/05 02/96 - 10/98 02/96 - 10/98 04/96 - 02/99 04/96 - 02/99	2497 ccm	129 kW (175 PS)	6	IN	PROV053	LGH10064	31,6x6,0x89,6	45	1
ENG. 20 K4F	45 liftback (RT) 2.0 V6 45 sedan (RT) 2.0 V6 75 (RJ) 2.0 V6 75 Tourer (RJ) 2.0 V6	02/00 - 05/05 02/00 - 05/05 02/99 - 05/05 08/01 - 05/05	1997 ccm	110 kW (150 PS)	6	EX	PROV054	LGH10065	27,4x6,0x90,0	45	1
ENG. 18 K4F (VVC)	25 liftback (RF) 1.8 16V 200 liftback (RF) 218 K Vi 400 Tourer (XW) 1.8 i	02/00 - 05/05 11/95 - 03/00 06/96 - 11/98	1796 ccm	107 kW (146 PS)	4						



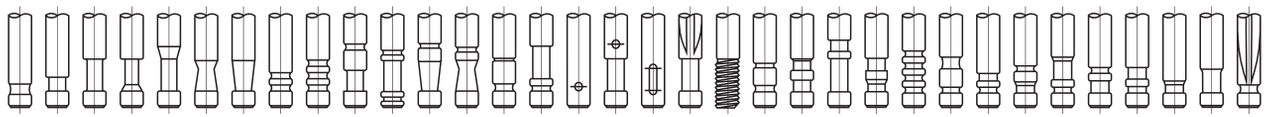
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ROVER GROUP DIESEL											
ENG. XUD 7TE	**218 TD**	10/92-2/96	1769 ccm	64-66 kW (88-90 PS)	80 / 4	IN	PROV003	93510415	38,5x8,0x112,4	45	1
	418 TD	9/91-3/00						96005391			
								LGH10051			
								LGH10053			
								0948.59			
								0948.63			
								9601136380			
								9630597380			
								12911-86CA0			
								12911-66G00			
								12832-66G00			
								22211-29000			
								50054982			
						EX	PROV004	93510773	33,0x8,0x111,9	45	1
								93510774			
								93501280			
								93501072			
								95501280			
								96005392			
								96272853			
								0949.47			
								0949.59			
								0949.60			
								0949.64			
								0949.74			
								LGH10052			



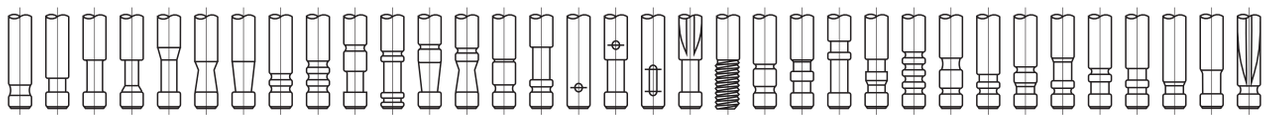
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
ROVER GROUP DIESEL											
ENG. XUD 7TE	**218 TD** **418 TD**	10/92-2/96 9/91-3/00	1769 ccm	64-66 kW (88-90 PS)	80 / 4	EX	PROV004	LGH10054 LGH10075 9613736280 9751669380 12915-86CA0 12915-66G00 22212-29000 50060609 6005392	33,0x8,0x111,9	45	1
ENG. VM 84A Turbo, 42924SHIRG	**825D/SD/SDL**	9/90 →	2498 ccm	87 kW (118 PS)	92 / 4	IN	PROV005	V94DD6507AA 60507189	40,0x8,0x121,0	35	1
ENG. VM 81A Turbo	**Range Rover 2.4 TD**	86 →	2393 ccm	84 kW (114 PS)	92 / 4			116760330001 20360026 20360026A 2036019 04720146 AEU2296 AEU2296L			
						EX	PROV006	V94DD6505AA 60504864 60540864 195590330100 116760330101 2037018 04720148 LGH10041 RTC4116	34,0x8,0x121,0	45	1



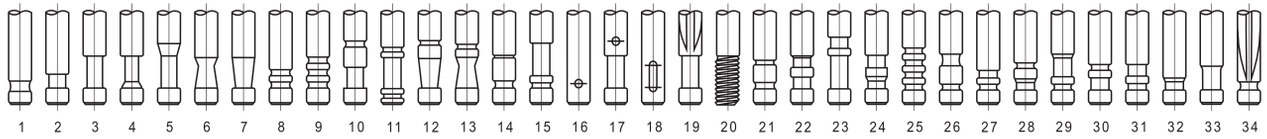
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
ROVER GROUP DIESEL											
ENG. XUD 9A	**218 D**	10/92-12/94	1905 ccm	47-52 kW (64-71 PS)	83 / 4	IN	PROV099	0948.46	38,0x8,0x112,4	30	1
	418 D	9/91-4/95						93501279			
								93501070			
						IN	PROV003	93510415	38,5x8,0x112,4	45	1
								96005391			
								LGH10051			
								LGH10053			
								0948.59			
								0948.63			
								9601136380			
								9630597380			
								12911-86CA0			
								12911-66G00			
								12832-66G00			
								22211-29000			
								50054982			
						EX	PROV004	93510773	33,0x8,0x111,9	45	1
								93510774			
								93501280			
								93501072			
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								0949.47			
								0949.59			
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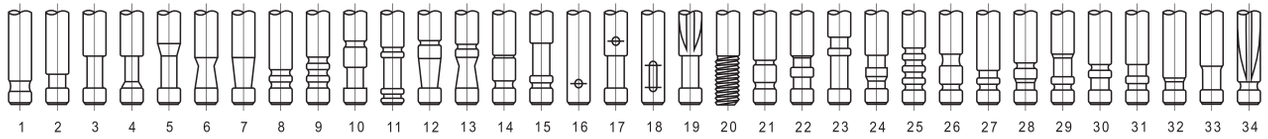
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ROVER GROUP DIESEL											
ENG. XUD 9A	**218 D** **418 D**	10/92-12/94 9/91-4/95	1905 ccm	47-52 kW (64-71 PS)	83 / 4	EX	PROV004	0949.64 0949.74 LGH10052 LGH10054 LGH10075 9613736280 9751669380 12915-86CA0 12915-66G00 22212-29000 50060609 6005392	33,0x8,0x111,9	45	1
EN G. TUD 5	**Metro 1.5 D** **Rover 115 1.5 D**	12/94-12/98 95/98	1527 ccm	40-42 kW (54-57 PS)	77 / 4		PROV007	96150145 0948.74 0948.A8 13201-6F900	37,0x7,0x108,4	45	1
							PROV008	96150144 0949.80 13202-6F900	31,5x7,0x108,2	45	1
ENG. TUD 3 (K9A)	**114 1.4 D**	1/93-12/94	1361 ccm	39 kW (53 PS)	75 / 4		PROV009	95638449 96012815 0948.69	35,5x7,0x108,4	45	1
ENG. TUD 3Y (K9Y)	**114 1.4 D**	91-96	1361 ccm	37 kW (50 PS)	75 / 4		PROV010	95638450 96012816 0949.71	30,6x7,0x108,2	45	1



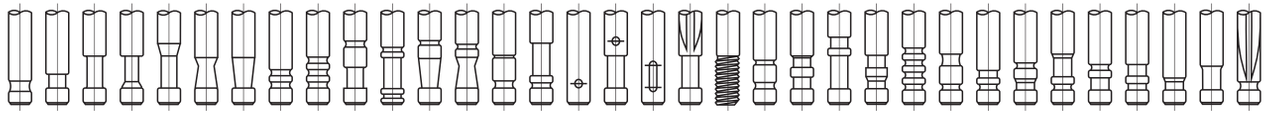
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
ROVER GROUP DIESEL											
ENG. Prima 65	**Maestro Clubman DLX**	86-92	1994 ccm	46 kW (63 PS)	84,4 / 4	IN	PROV042	BDU1399	37,0x7,4x93,8	45	1
	Maestro Van 500/700 City	86-92						LGH10036 L142HF01			
	800 TD	87 →				EX	PROV043	BDU1400	33,6x7,4x93,8	45	1
ENG. Prima 80T Turbo	**Montego 2.0 DL/DSL**	88-92		60 kW (80 PS)	84,4 / 4			LGH10037			
	800 TD	87 →						L142AF02			
ENG. 20 T2N	**Freelander 2.0 XEDI**	98 →	1994 ccm	74-83 kW (101-113 PS)	84,5 / 4	IN	PROV079	LGH100990	37,0x7,0x86,7	45	1
	25 2.0 TDI 16V	00 →						14711-P5TG01			
	45 2.0 TDI 16V	00 →				EX	PROV080	LGH100980	32,6x7,0x86,7	45	1
	220 2.0 TDI 16V	96 →						14721-P5TG01			
	420 2.0 TDI 16V	96 →									
	620 2.0 TDI 16V	96 →									
	Stretwise 2.0 TDI 16V	04 →									
ENG. 20 T2R	**220 2.0 D/SD**	11/95-3/00	1994 ccm	63 kW (86 PS)	84,5 / 4						
	420 D	11/95-3/00									
	420 Di	5/95-3/00									
ENG. 20 T4H	**220 GSi**	5/94-6/99	1996 ccm	100 kW (136 PS)	84,5 / 4						
	220 GTi	1/93-10/95									
	420 Si Lux	12/95-3/00									
	420 GSI/SLI/GTI/Vite	1/93-4/95									
	Tourer 2.0i	5/94-11/98									
	820 I/SI	1/92-2/99									
ENG. M47 D20 UL, 204D3	**Freelander 2.0 Td4 16V**	9/01 →	1951 ccm	1951 ccm 85 kW (115 PS)	84 / 4	IN/ EX	PROV081	11342247077	26,0x6,0x99,9	45	9
ENG. M57 D30 (135 kW), 306D1	**Rover Range III 3.0 Td6 24V**	3/02 →	2926 ccm	133-142 kW (184-193 PS)	84 / 6			LGH101450			
ENG. M47R, 204D2/D4	**75 2.0 CDTI 16V**	99 →	1951 ccm		84,5 / 4						



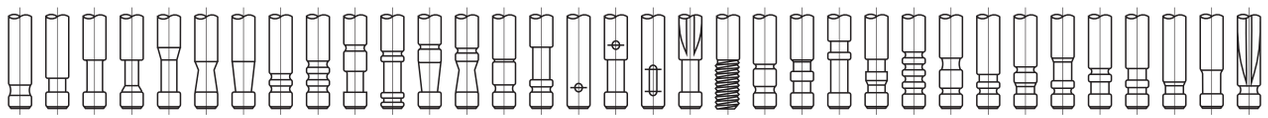
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ROVER GROUP DIESEL											
ENG. M51 D25 (BMW engine)	**Landrover Discovery DT-DSE**	94 →	2497 ccm		80 / 6	IN	PROV082	11342244814 11342246524	36,0x6,0x103,7	45	9
ENG. D256TM (BMW engine)	**Range Rover 2.5 DSE TD**	94 →	2497 ccm		80 / 6			90511366 641041 STC2156			
						EX	PROV083	11342244815 11342246525 90511374 641346 STC2149	31,0x6,0x103,5	45	9
EN G. 10P, 15P	**Landrover Discovery 2.5 TDi** **Defender 90/110/130 2.5 TDi**	97 → 98 →	2496 ccm	101 kW (138 PS)	84,5 / 4	IN	PROV093	ERR6611	34,7x7,0x105,3	30	9
						EX	PROV094	ERR6612	31,7x7,0x105,3	45	9



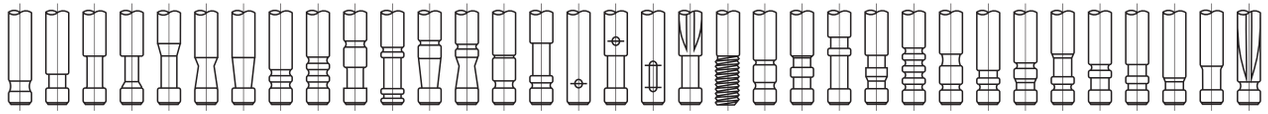
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
RUGGERINI											
	Motore RD 80					IN	PRUG001	960/022 960/22	30,5x9,0x105,0	45	1
						EX	PRUG002	960/023 960/23	30,5x9,0x105,0	45	1
	Motore CRD 95					IN	PRUG008	960/13	37,8x9,0x119,0	45	1
						EX	PRUG009	960/18	37,8x9,0x119,0	45	1
	Motore RD 100					IN	PRUG010	960/17	41,0x9,0x119,0	45	1
						EX	PRUG009	960/18	37,8x9,0x119,0	45	1
	DD 105 **RP 170**					IN	PRUG011	960/20	42,5x9,0x119,0	45	1
						EX	PRUG012	960/21	40,0x9,0x119,0	45	1



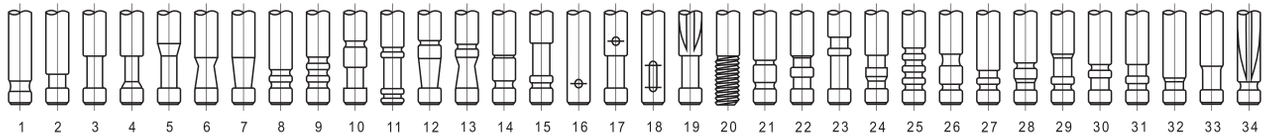
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
R.V.I. DIESEL											
ENG. 8140.07.2530	**B 80**	8/90-6/94	2499 ccm	55 kW (75 PS)	93 / 4	IN	PRVI001	4757358	41,0x8,0x120,8	30	1
ENG. 8140.21.200, 8140.21.235	**B 90**	1/86-7/96	2445 ccm	68 kW (92 PS)	93 / 4			7301820 504069200			
ENG. 8140.61.235	**B 70**	1/83-12/90	2445 ccm	53 kW (72 PS)	93 / 4			7701030863			
ENG. 8140.27.2350, 8140.27.2582	**B 90**	1/86-7/96	2445 ccm	68-78 kW (92-106 PS)	93 / 4			7701462678 7701463603			
ENG. 8140.27.2585 Euro 1	**B 110**	7/94-7/96	2499 ccm	76-78 kW (103-106 PS)	93 / 4			7701467250			
ENG. 8140.47.2530 Euro 1, 8140.47.2585 Euro 1, 8140.47.2590 Euro 1	**B 120**	10/91-7/96	2499 ccm	85 kW (116 PS)	93 / 4	EX	PRVI002	0948.A2 7301821 4826033 7303309 7302157 7701203675	34,4x8,0x122,0	45	1
ENG. 8140.43C.2586 Euro 2	**Mascott 110**	1/99-6/04	2798 ccm	78 kW (106 PS)	94,4 / 4	IN	PRVI001	4757358	41,0x8,0x120,8	30	1
ENG. 8140.43N.3585 Euro 3	**Mascott 150**	10/01-6/04	2798 ccm	108 kW (146 PS)	94,4 / 4			7301820			
ENG. 8140.43.2585 Euro 2	**B 120**	10/91-6/01	2798 ccm	90 kW (122 PS)	94,4 / 4			504069200			
ENG. 8140.23.2585 Euro 2	**B 110**	6/96-6/99	2798 ccm	76 kW (103 PS)	94,4 / 4			7701030863			
ENG. 8140.43S.2585 Euro 3	**Mascott 130**	1/99-6/04	2798 ccm	92 kW (125 PS)	94,4 / 4			7701462678 7701463603 7701467250 0948.A2			
						EX	PRVI035	99432837 5001836573 0949.A0	36,0x8,0x122,0	45	1
ENG. 597	**SM 6/7/8**	67 →	5278 ccm	93 kW (126 PS)	100 / 6	IN	PRVI003	5000246234	45,5x10,0x140,2	45	1
ENG. 797	**SM 7/8**	70 →	5489 ccm	106 kW (145 PS)	100 / 6			5000043128 5000040605			
						EX	PRVI004	5000044581	38,9x10,0x140,3	45	1



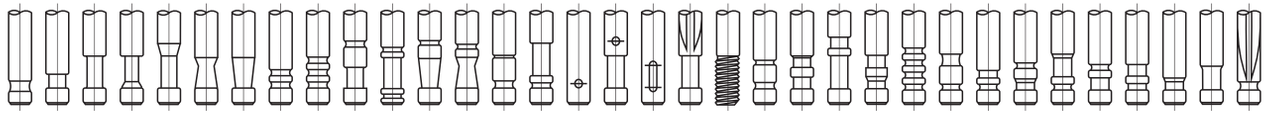
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
R.V.I. DIESEL											
ENG. MID 06.20.30,	**Series 950**	9/74 →	8820 ccm	141 kW (192 PS)	120 / 6	IN	PRVI005	153695	54,0x9,0x163,3	30	1
MID 06.20.30 G	**C 190/G 190/G GB 191 GC 190/GC 191/GF 191 GLR 190/GR 190/ GR 191 TB 191**							771523 5000663467 5000681141 5000658408 5000663520			
ENG. MIDR 06.20.30	**PR 14**	81-86	8820 ccm	194 kW (264 PS)	120 / 6			5000663529			
ENG. MIDR 06.20.45 A/2	**C 300/G 260/G 280/ PR 180**	1/82 →	9839 ccm	202-206 kW (275-280 PS)	120 / 6			5010295349			
						EX	PRVI006	153692	48,0x9,0x163,1	45	1
ENG. MIDR 06.20.45 BC, MIDR 06.20.45 B/3 Euro 1	**G 270/G 280**	9/91-10/96	9839 ccm	195 kW (265 PS)	120 / 6			153693 5000663464			
ENG. MIDR 06.20.45 C/4 Euro 2	**G 260 Kerax 260/ Premium 260**	2/96-12/02	9839 ccm	188 kW (256 PS)	120 / 6			5000663469 5000670121 5000670730			
ENG. MIDR 06.20.45 D Euro 1	**C 290/CLR 290/FR 1 G 280/G 290/G 300**	10/82-12/96	9839 ccm	210-222 kW (286-302 PS)	120 / 6			5000670206 5000153692			
ENG. MIDR 06.20.45 DD, MIDR 06.20.45 D/3 Euro 1	**C/CCH 300/FR 1/G 300/ G 330**	2/90-10-98	9839 ccm	222 kW (302 PS)	120 / 6			5000153693 5000663471			
ENG. MIDR 06.20.45 E Euro 1	**C 340/G 330/G 340/R 330/ R 340**	5/88-10/98	9839 ccm	236-249 kW (321-339 PS)	120 / 6			5000663527			
ENG. MIDR 06.20.45 E/2, MIDR 06.20.45 E/3 Euro 1	**C 340/G 330/G 340 Kerax 340 R 340**	2/90-12/99	9839 ccm	249 kW (339 PS)	120 / 6						
ENG. MIDR 06.20.45 H	**G 320/G 330**	5/88-3/93	9839 ccm	240 kW (326 PS)	120 / 6						
ENG. MIDS 06.20.30	**Series 950 GB 231/GC 230/ GC 231 GF 230/GF 231/ GFC 231 GR 230/GR 231/PR 10 PR 12/TB 231/TF 230**	1/76-9/87	8820 ccm	158 kW (215 PS)	120 / 6						



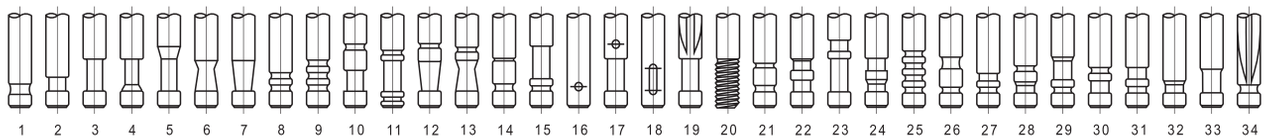
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
R.V.I. DIESEL											
ENG. MIDR 06.20.45 C	**FR 1**	10/82-3/87	9839 ccm	210 kW (285 PS)	120 / 6	IN	PRVI005	153695	54,0x9,0x163,3	30	1
ENG. MIDR 06.20.45 D/41 Euro 2	**G 300** **Kerax 300** **Premium 300**	2/96-12/02	9839 ccm	219 kW (298 PS)	120 / 6			771523 5000663467 5000681141			
ENG. MIDR 06.23.56 A/41 Euro 2	**Ares 380** **Iliade** **Kerax 385** **Premium 385/400**	2/96 →	11122 ccm	280 kW (381 PS)	123 / 6			5000658408 5000663520 5000663529 5010295349			
ENG. MIDR 06.23.56 B/41 Euro 2	**Kerax 400** **Premium 400**	4/96-12/02	11122 ccm	288 kW (392 PS)	123 / 6	EX	PRVI006	153692 153693	48,0x9,0x163,1	45	1
ENG. MIDR 06.23.56 B43 Euro 3	**Kerax 385/400** **Premium 420**	9/98 →	11122 ccm	303 kW (412 PS)	123 / 6			5000663464 5000663469 5000670121 5000670730 5000670206 5000153692 5000153693 5000663471 5000663527			
ENG. MIDR 06.35.40 J1 Euro 1	**Magnum AE 420** **R 420**	92-6/96 9/91-3/93	12024 ccm	305-314 kW (415-427 PS)	135 / 6	IN	PRVI007	5000678873 5010248978	60,0x12,0x204,4	30	1
ENG. MIDR 06.35.40 J3 Euro 1	**Magnum AE 420** **R TS** **R 420**	10/92-12/96 1/93-5/96 10/92-10/96	12024 ccm	305 kW (415 PS)	135 / 6	EX	PRVI008	5000678652 5010248979	52,0x12,0x205,1	30	1
ENG. MIDR 06.35.40 L1	**Magnum AE 385** **R 385**	2/92-10/96 12/91-8/95	12024 ccm	283 kW (385 PS)	135 / 6						
ENG. MIDR 06.35.40 M3 Euro 1	**CBH 320/CLM 320** **GBH 320**	10/92-10/98 10/92-6/96	12024 ccm	235 kW (320 PS)	135 / 6						
ENG. MIDR 06.35.40 N/3 Euro 1	**CBH 385/CLM 385** **Magnum AE 385** **R 385**	10/92-10/98 2/92-10/96 9/93-10/96	12024 ccm	283 kW (385 PS)	135 / 6						



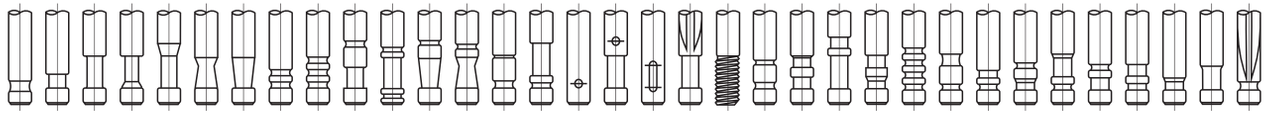
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
R.V.I. DIESEL											
ENG. MIDR 06.35.40 H	**CBH 380**	1/90-10/92	12024 ccm	259-276 kW (352-375 PS)	135 / 6	IN	PRVI007	5000678873	60,0x12,0x204,4	30	1
	Magnum AE 380	9/90-1/92						5010248978			
	R 357	1/86-10/96				IN	PRVI009	5000678286	60,0x12,0x189,3	30	1
	R 365	10/87-5/90						5000659584			
	R 380	1/90-1/92						5000659739			
								5000659284			
						EX	PRVI008	5000678652	52,0x12,0x205,1	30	1
								5010248979			
						EX	PRVI010	5000678287	54,0x12,0x189,3	45	1
								5000659741			
								5000659407			
ENG. M 635.40		64 →	12024 ccm	177-224 kW (240-306 PS)	135 / 6	IN	PRVI009	5000678286	60,0x12,0x189,3	30	1
ENG. MD 063.540	**TR 260**	73-6/79	12024 ccm		135 / 6			5000659584			
ENG. MDR 06.35.40	**GB 280/GBH 280/TBH 280/ TLR 280/TR 280**	1/77-9/79	12024 ccm	178 kW (250 PS)	135 / 6			5000659739			
								5000659284			
ENG. MDS 06.35.40	**GB 280/GBH 280/TBH 280/ TLR 280/TR 280**	1/73-12/92	12024 ccm	177-208 kW (240-283 PS)	135 / 6	EX	PRVI010	5000678287	54,0x12,0x189,3	45	1
								5000659741			
ENG. MIDR 06.35.40	**Series 305/310/PX 30**	79 →	12024 ccm	226 kW (307 PS)	135 / 6			5000659407			
ENG. MIDS 06.35.40	**GBH 280**	4/85-10/92	12024 ccm	206 kW (280 PS)	135 / 6						
ENG. MIDR 06.35.40 B			12024 ccm	225 kW (306 PS)	135 / 6						
ENG. MIDR 06.35.40 G	**CBH 340/CBH 350CLM 340/CLM 350/R 350**	2/88-10/92	12024 ccm	243-259 kW (330-352 PS)	135 / 6						



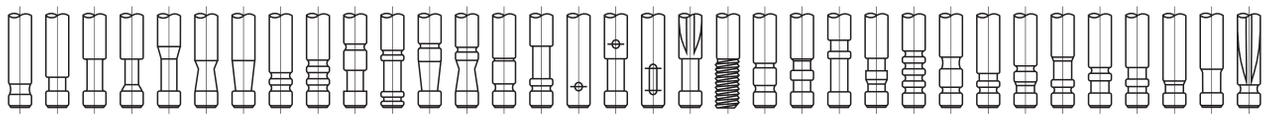
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
R.V.I. DIESEL											
ENG. MIDR 04.02.26 A/4 Euro 2	**Midlum 135/ S 135**	5/96-12/01	4118 ccm	100 kW (136 PS)	102 / 4	IN	PRVI011	5000667762 5000676035	46,6x10,0x140,2	30	1
ENG. MIDR 04.02.26 B/4 Euro 2	**Midlum 150/ S 150**	5/96-4/06	4118 ccm	110 kW (150 PS)	102 / 4			5010450589 5010553049			
ENG. MIDR 06.02.26 DU	**G 200/ M 180/ M 200/ S 220**	6/91 →	6177 ccm	110-166 kW (150-226 PS)	102 / 6	EX	PRVI012	5000676258 5000667939	40,6x10,0x140,2	45	1
ENG. MIDR 06.02.26 Y	**Series 250/ M 230/ M 250**	5/96 →	6177 ccm	184 kW (250 PS)	102 / 6			5010450590			
ENG. MIDR 06.02.26 Y41 Euro 2	**Midliner M 250** **Midlum 250** **Premium 250**	5/96-1/00 2/00-6/01 4/96-9/01	6177 ccm	184 kW (250 PS)	102 / 6						
ENG. DCi 11B J01	**Midlum 150**	→ 4/06	11122 ccm	112 kW (152 PS)	123 / 6	IN	PRVI023	5010359501	42,0x8,0x185,5	30	1
ENG. DCi 11 C + J01 Euro 3	**Kerax 420** **Lander 420** **Premium 420**	1/01-4/06 1/01-4/06	11122 ccm	309 kW (420 PS)	123 / 6	EX	PRVI024	5010412164	38,0x8,0x185,5	45	1
ENG. DCi 11 E + J01 Euro 3	**Kerax 370** **Lander 370** **Premium 370**	1/01-4/06 1/00-4/06	11122 ccm	272 kW (370 PS)	123 / 6						
ENG. DCi 11 G + J01 Euro 3	**Kerax 320** **Lander 320** **Premium 320**	1/01-4/06 1/00-4/06	11122 ccm	236 kW (320 PS)	123 / 6						



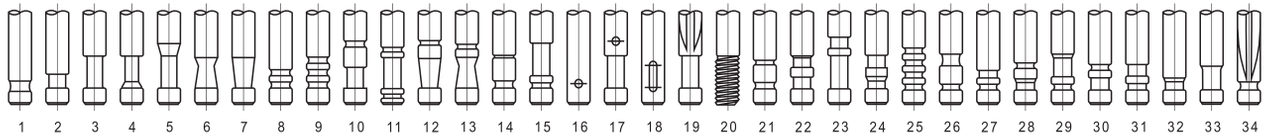
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
R.V.I. DIESEL											
ENG. 4.236	**Series 350/380/440/450**	9/79 →	3864 ccm	48-60 kW (59-80 PS)	98,48 / 4	IN	PRVI025	31431641	44,4x9,48x123,0	45	1
								31431103			
	Series 480/500/ 530/550/560							31431163			
								733819M1			
	OK 05 K, OK 010 K	1/73-9/79				EX	PRVI026	31431881	36,5x9,46x123,4	45	1
								31431104			
								31431109			
								31431164			
								31431791			
								31431851			
								31431891			
								31431931			
								733818M1			
						IN	PRVI038	3142H002	44,2x9,5x123,0	45	1
						EX	PRVI039	3142A052	36,5x9,5x123,5	45	1
						IN	PRVI029	31431402	44,4x9,86x123,0	45	1
								736813M1			
						EX	PRVI030	31431411	36,5x9,53x123,4	45	1
								736815M1			
									Grubość grzybka +1,0 [mm]		
						IN	PRVI027		44,4x9,48x123,0	45	1
						EX	PRVI028		36,5x9,46x123,4	45	1
ENG. T4.40	**S 120**	9/90-11/92	3990 ccm	82-88 kW (112-120 PS)	100 / 4	IN	PRVI031	3142L071	45,0x9,5x122,9	45	1
								3142L061			
						EX	PRVI032	3142A051	37,4x9,5x123,3	45	1
								3142A071			
								748309M1			



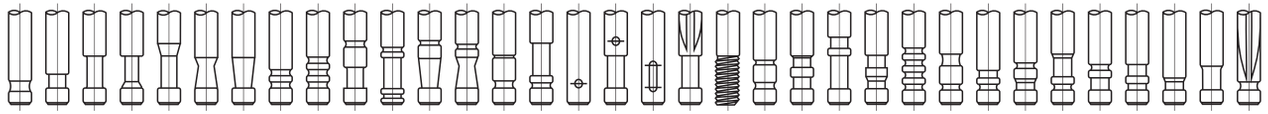
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
R.V.I. DIESEL											
ENG. 8140.07.2585 Euro 1	**B 80**	8/90-6/94	2499 ccm	55 kW (75 PS)	93 / 4	IN	PRVI033	4733348 4813760 7701462677	41,0x8,0x120,8	30	1
						EX	PRVI002	7301821 4826033 7303309 7302157 7701203675	34,4x8,0x122,0	45	1
ENG. 8140.43	**Mascott 110.50/60** **Mascott 130.55/65**		2798 ccm		94,4 / 4	IN	PRVI034	98468338 7701030863 7701463603	43,5x8,0x122,0	30	1
						EX	PRVI035	99432837 5001836573 0949.A0	36,0x8,0x122,0	45	1
ENG. DXi 500 Euro 4/5	**Kerax 500** **Magnum AE 500**	→ 10/92	12800 ccm	368 kW (500 PS)	131 / 6	IN	PRVI036	31431821 31431822	45,3x9,5x139,8	45	1
					131 / 6	EX	PRVI037	31431382 31431385	38,9x9,5x139,7	45	1
ENG. DXi 460 Euro 4/5	**Kerax 460** **Magnum AE 460**		12800 ccm	338 kW (460 PS)	131 / 6	IN	PRVI040	20561995 20740798	42,0x8,0x192,0	24	9
ENG. DXi 500 Euro 4/5	**Kerax 500** **Magnum AE 500**	→ 10/92	12800 ccm	368 kW (500 PS)	131 / 6	EX	PRVI041	20768506 20768519	40,0x8,0x191,6	39	9
						IN	PRVI042		42,0x8,0x192,0	30	9
						EX	PRVI043		40,0x8,0x191,6	45	9
ENG. D2356 HM 6DK	**SM 260** **HT, MT, V**	74 →	10350 ccm	173 kW (235 PS)	123 / 6	IN	PRVI045	51.04101.0349 5000046569	57,0x12,0x149,0	45	1
						EX	PRVI046	1-04101-0303 51.04101.0364	51,7x12,0x148,7	45	1



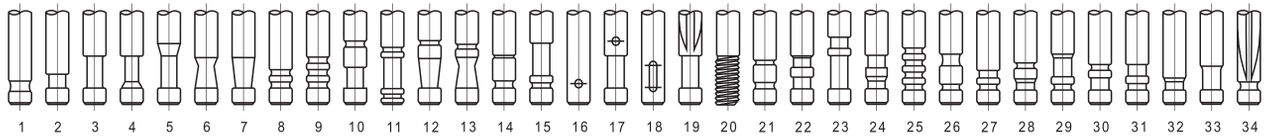
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
R.V.I. DIESEL											
ENG. MIDS 620.30 Turbo		01/77 →	8820 ccm	158/169/192/206 kW (215/230/260/280 PS)	120/6	IN	PBER009	5000663467	54,0x9,0x163,3	30	1
ENG. MIDR 620.45 Turbo		01/83 →				EX	PBER010	5000663464	48,0x9,0x163,1	45	1
ENG. MIDR 06.20.45.D41/C4	**PREMIUM D 260/300/340/ 385/400**	01/96 →	9839 ccm								
ENG. MIDR 06.23.56.A41/B41	**KERAX 260/300/340/ 385/400**	01/96 →	11121 ccm								
ENG. DXi 11	**TRUCKS Premium 2 Distribution 370.18 D**	10/05 →	10800 ccm	243 kW (330 PS)	6	IN	PRVI047	20540012 7420540017	40,0x8,0x192,0	30	9
	TRUCKS Premium 2 Distribution 370.26	10/05 →						7420540013			
						EX	PRVI048	20464020	38,0x8,0x192,7	30	9
	TRUCKS Premium 2 Distribution 380.18/380.19	10/06 →						7420564020 7421430918			
	TRUCKS Premium 2 Distribution 410.18 D/410.26	10/05 →									
	TRUCKS Premium 2 Distribution 430.18/430.19	10/06 →									
	TRUCKS Premium 2 Distribution 430.26	10/06 →									



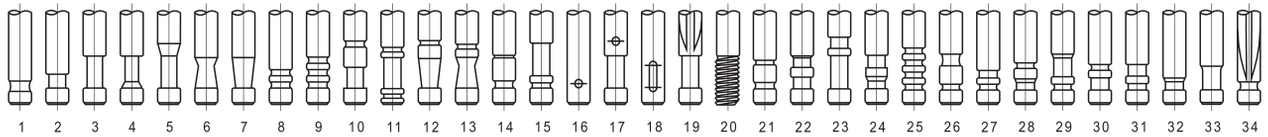
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SAAB BENZYNA											
ENG. B 251 I	**900 II 2.5i 24V**	9/93-10/98	2498 ccm	125 kW (170 PS)	81,6 / 6	IN	PSAA001	641022	32,0x6,0x102,1	45	9
ENG. B 308 I	**9000 3.0i 24V**	9/94-12/98	2962 ccm	155 kW (211 PS)	86 / 6			90412277			
	9-5 3.0i 24V	98 →						4500849			
						EX	PSAA002	641325	29,0x6,0x92,2	45	9
								90410813			
								4500864			
ENG. Z 18 XE	**9-3 1.8i 16V**	9/04 →	1796 ccm	90-92 kW (122-125 PS)	80,5 / 4	IN	PSAA003	641048	31,2x5,0x101,4	45	9
								90536095			
						EX	PSAA004	641357	27,5x5,0x100,8	45	9
								90536164			
ENG. B 207 E	**9-3 2.0i Turbo 16V**	9/02 →	1998 ccm	129 kW (175 PS)	86 / 4	IN	PSAA015	12575793	35,1x6,0x102,3	45	9
ENG. B 207 L	**9-3 2.0i Turbo 16V**	9/02 →	1998 ccm	110 kW (150 PS)	86 / 4			12786696			
ENG. B 207 R	**9-3 2.0i Turbo 16V**	2/03 →	1998 ccm	154 kW (210 PS)	86 / 4			55192156			
ENG. A 20 NHT	**9-5 II 2.0 Turbo 16V**	9/10 →	1998 ccm	162 kW (220 PS)	86 / 4			55563529			
								641056			
								641063			
								71739277			
						EX	PSAA016	12597371	30,1x6,0x100,9	45	9
								12791961			
								24454518			
								4805043			
								641373			
								641376			
								641380			
								71739320			
								71739686			



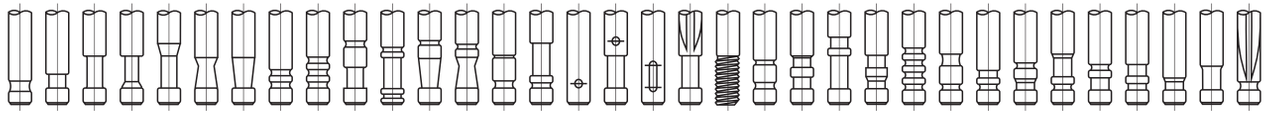
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SAAB BENZYNA											
ENG. A 16 LET Euro 5	**9-5 II 1.6 Turbo 16V**	9/10 →	1598 ccm	132 kW (180 PS)	79 / 4	IN	PSAA021	55557862 24433078 642011 642078	31,2x5,0x117,2	45	9
						EX	PSAA022	71739797 55558728 24433079 641379 641401	27,6x5,0x116,2	45	9



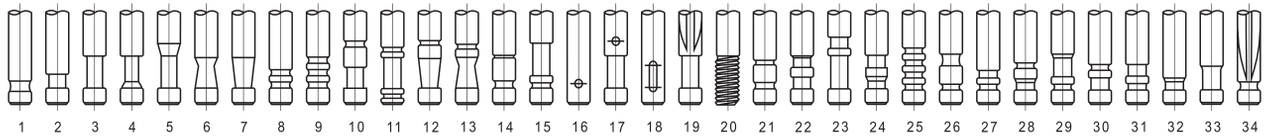
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SAAB DIESEL											
ENG. Z 19 DT	**9-3 1.9 TiD 16V**	9/04 →	1910 ccm	88 kW (120 PS)	82 / 4	IN	PSAA017	46750859 46478834 55193126 60816038 641083	35,5x8,0x115,0	45	9
						EX	PSAA018	46764378 46416321 46783962 55202630 60814604 60816025 641089	34,5x8,0x115,0	45	9
ENG. Z 19 DTH	**9-3 1.9 TiD 16V** **9-5 1.9 TiD 16V**	9/04 → 1/06 →	1910 ccm	110 kW (150 PS)	82 / 4	IN	PSAA019	55195535 55190248 55202556 46802049 641073 641074 641075 93178587 93185523	27,9x6,0x114,4	45	9
						EX	PSAA020	46787902 55190249 55202557 641385 641386 93178588	25,8x6,0x114,4	45	9



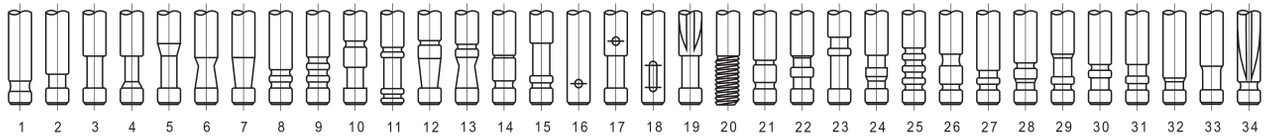
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SAAB DIESEL											
ENG. D223L (X 22 DTH)	**9-3 2.2 TiD 16V**	2/98-9/02	2172 ccm	85-92 kW (116-125 PS)	84 / 4	IN	PSAA023	90502319	29,0x6,0x97,2	45	9
ENG. Y 22 DTH	**9-3 2.2 TiD 16V**	3/98-9/02	2172 ccm	85 kW (116 PS)	84 / 4			642168 642165 90502316 4772380			
						EX	PSAA024	90502326 642211 642208 90502323 4772414	26,0x6,0x97,0	45	9
ENG. Z 19 DTH	**9-3 (YS3F) 1.9 TiD**	09/04 - 02/15	1910 ccm	110 kW (150 PS)	4	IN	PSAA025	55206431 55207517	28,0x5,0x114,4	45	9
	9-3 kabriolet (YS3F) 1.9 TiD	01/06 - 02/15				EX	PSAA026	55205183	24,4x5,0x114,4	45	9
	9-3 kombi (YS3F) 1.9 TiD	03/05 - 02/15						55207955			
	9-5 (YS3E) 1.9 TiD	01/06 - 12/09									
	9-5 kombi (YS3E) 1.9 TiD	01/06 - 12/09									
	9-5 (YS3G) 2.0 TiD	05/10 - 01/12									
ENG. A 20 DTH	**9-5 (YS3G) 2.0 TiD**	05/10 - 01/12	1910 ccm	118 kW (160 PS)	4						



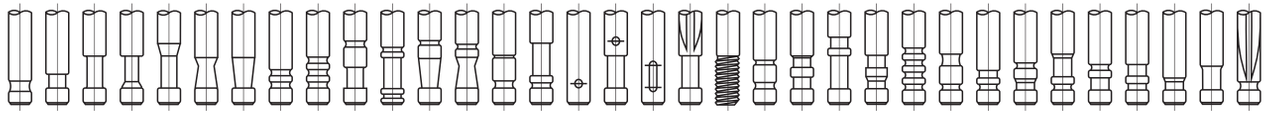
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SAME DIESEL											
ENG. 982, 983, 984, 985, 986, 1056/L, 1054	**Aurora 45, Buffalo 3000,Condor C, Centauro 70, Centurion 75, Condor 55, Corsaro 70, Delfino 35, Drago 100/120, Falcon 50/C, Fox 35/45, Jaguar 95/100, Leopard 85/C, Mercury 85, Minitaurus 60, Minitauro 60, Phanter 90/95, Ranger 45, ROW Crop 80 , Saturno 80, Sirenetta, Taurus 60/C, Trident 130, Vigneron 35/45/50/60**					IN	PSAM014	039.1420.0 052.1420.0	42,0x9,0x148,0	45	1
						EX	PSAM015	039.1421.0	39,5x9,0x148,0	45	1
ENG. 1054P, 1055P, 1056P	**Centurion 75, Drago 120, Jaguar 95/100, Phanter 95, Laser 90/100/110/130, Mercury 85, Minitaurus 60, Solar 60, 154 PT-Turbo, Trident 130**					IN	PSAM016	042.1420.2	44,0x8,0x147,7	45	1
						EX	PSAM017	071.1420.2	42,0x8,0x147,7	45	1



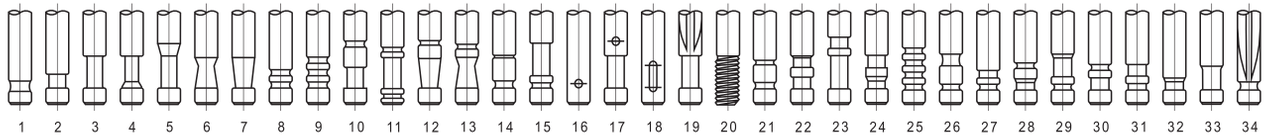
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SAME DIESEL											
ENG. 10000 .6A, 1000. 4A5, 1000 .4W, 1000 .4WT, 1000 .4A4	**Antares 100, 110, 130** **Argon 50, 60, 70, 55, 65** **Aster 60** **Dorado 55, 56, 60, 65, 70, 75, 76, 85** **Explorer 60, 70, 75,80, 90** **Frutteto 55, 60, 75, 85** **Golden 60, 75** **Krypton 78, 80** **Rock 55, 60, 70** **Row Crop 100.6** **Rubin 120** **Silver 80, 90, 100.4, 105, 110, 130, 100.6**					IN	PSAM020	010.6016.0 07814200 08114200 08114201	44,0x9,0x130,9	30	1
						EX	PSAM021	066.1421.0	39,4x9,0x131,0	45	1



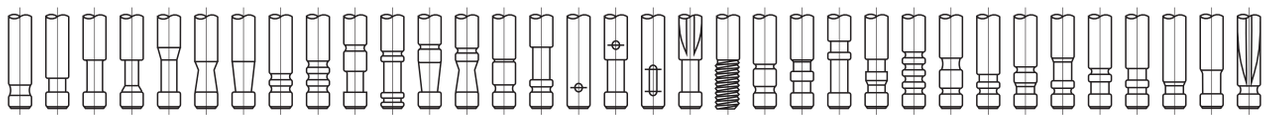
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SAVIEM DIESEL											
ENG. D 2156 HM 6	**E 110**	66-75	10344 ccm	173 kW (235 PS)	121 / 6	IN	PSAV001	1-04101-0305	56,0x12,0x149,0	45	1
ENG. D 2156 HMN 6	**E 110**	74-75	10344 ccm	169 kW (230 PS)	121 / 6			51.04101.0129			
								51.04101.0305			
						EX	PSAV002	1-04101-0273	49,0x12,0x148,7	45	1
								51.04101.0373			
ENG. D 2156 MTN 5	**SM 260**	74-78	10344 ccm	188 kW (256 PS)	121 / 6	IN	PSAV003	51.04101.0379	56,0x12,0x149,0	30	1
						EX	PSAV002	1-04101-0273	49,0x12,0x148,7	45	1
								51.04101.0373			
ENG. D 2356 HM 6 DK	**SM 260 MT**	74-80	10690 ccm	173 kW (235 PS)	123 / 6	IN	PSAV004	1-04101-0302	57,8x12,0x149,0	45	1
ENG. D 2356 HMN 5	**SM 260 MT**	74-80	10690 ccm	173 kW (235 PS)	123 / 6			51.04101.0329			
						EX	PSAV005	1-04101-0303	51,7x12,0x148,7	45	1
								51.04101.0364			
								5000046570			
ENG. D 2555 M	**15.168**	10/73-7/77	9199 ccm	124 kW (168 PS)	125 / 5	IN	PSAV006	51.04101.0405	57,0x12,0x142,5	45	1
						IN	PSAV007	51.04101.0348	58,0x12,0x142,5	30	1
								51.04101.0375			
								51.04101.0478			
						EX	PSAV008	51.04101.0367	51,0x12,0x142,5	45	1
								51.04101.0440			
								51.04101.0447			
								51.04101.0479			



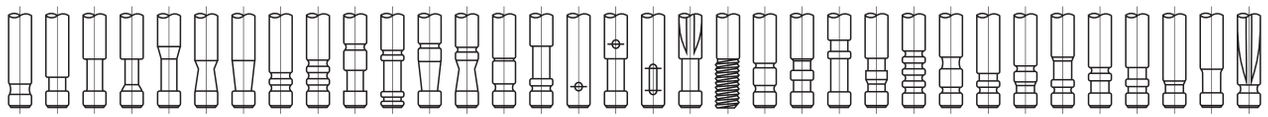
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SCANIA DIESEL											
ENG. D 10		58 →	10260 ccm		127 / 6	IN	PSCA001	272804	54,0x11,0x162,5	30	1
ENG. DS10		58-68	10260 ccm	162 kW (220 PS)	127 / 6			242656			
								1361190			
								1361192			
						EX	PSCA002	232018	45,0x11,0x162,5	45	1
								1360834			
								1100997			
								352347			
								1397521			
ENG. DN 14		68-81	14181 ccm	191 kW (260 PS)	127 / 8	IN	PSCA001	272804	54,0x11,0x162,5	30	1
ENG. DS14 Turbo		69 →	14181 ccm	275 kW (350 PS)	127 / 8			242656			
→ ENG. No.5504736								1361190			
								1361192			
						EX	PSCA004	243477	44,0x11,0x162,5	30	1
								250839			
								1361197			



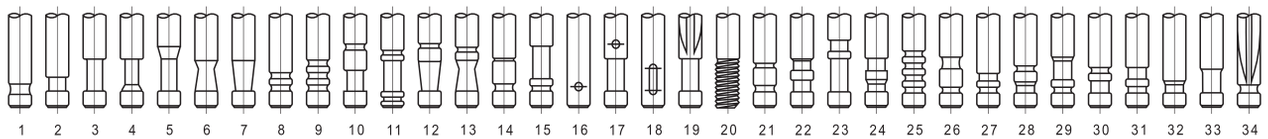
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SCANIA DIESEL											
ENG. DSC 11.04, 35, 36, 39, 71		5/82-5/00	11022 ccm	189-267 kW (257-363 PS)	127 / 6	IN	PSCA003	294674	54,0x11,0x162,5	20	1
ENG. DSC 11.10, 24, 27, 74, 75 Euro 1		5/88-5/00	11022 ccm	180-265 kW (245-360 PS)	127 / 6			1360836 324675			
ENG. DSC 11 (USA)		78-88	11022 ccm		127 / 6			1361191			
ENG. DSC 14.61 Euro 2		1/97 →	14181 ccm	300-551 kW (408-749 PS)	127 / 8			352211			
ENG. DSC 14.08, 09, 10 Euro 1		6/88-12/96	14181 ccm	309-368 kW (420-500 PS)	127 / 8	EX	PSCA002	352212 232018	45,0x11,0x162,5	45	1
ENG. DSI 14.47, 50, 60, 61, 63		88 →	14181 ccm	340 kW (462 PS)	127 / 8			1360834			
ENG. DN 11.01		5/80-5/00	11022 ccm	149 kW (203 PS)	127 / 6			1100997			
ENG. DS 11.21, 23, 34, 71, 72, 73		1/81 →	11022 ccm	189-267 kW (257-363 PS)	127 / 6			352347 1397521			
ENG. DS 11.18		1/81-8/98	11022 ccm	254-267 kW (345-363 PS)	127 / 6						
ENG. DSC 11 Euro 2		5/90-9/98	11022 ccm	245-280 kW (333-381 PS)	127 / 6						
ENG. DSC 11.01, 02, 12		1/81-5/00	11022 ccm	245-267 kW (333-363 PS)	127 / 6						
ENG. DS 14.02, 06		5/80 →	14181 ccm	285-310 kW (387-425 PS)	127 / 8						
ENG. DSC 14.01, 02, 03, 04, 05, 06		5/80-12/96	14181 ccm	290-346 kW (390-470 PS)	127 / 8						
ENG. DSI 14.420		83-3/88	14181 ccm	309 kW (420 PS)	127 / 8						
ENG. DSC 11.03, 06, 13, 16, 17, 18, 70, 81		5/82-12/00	11022 ccm	285-305 kW (310-415 PS)	127 / 6						
ENG. DSC 11.79 Euro 2		5/96-5/99	11022 ccm	250 kW (340 PS)	127 / 6						
ENG. DSC 11.08, 21, 22, 23, 30 Euro 1		5/82-5/00	11022 ccm	228-280 kW (310-381 PS)	127 / 6						
ENG. DSC 14.13, 15 Euro 2		3/88-8/01	14181 ccm	338-390 kW (460-530 PS)	127 / 8						



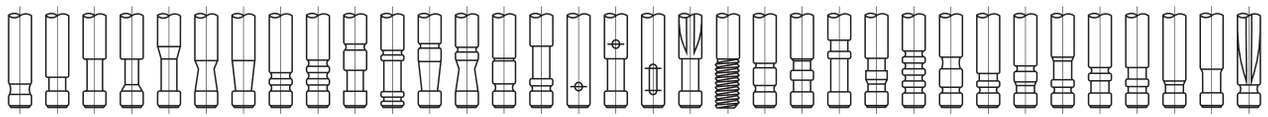
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SCANIA DIESEL											
ENG. DN 14		81→	14181 ccm	191 kW (260 PS)	127 / 8	IN	PSCA003	294674	54,0x11,0x162,5	20	1
ENG. DS14 Turbo ENG. No.5504736→			14181 ccm	272 kW (373 PS)	127 / 8			1360836 324675 1361191 352211 352212			
						EX	PSCA004	243477 250839 1361197	44,0x11,0x162,5	30	1
ENG. DN 9.01	**G/P/R/T 92 F/P/T 93**	1/85-1/98	8476 ccm	123-128 kW (167-174 PS)	115 / 6	IN	PSCA005	1319081 1801529	51,0x11,0x162,5	20	1
ENG. DS 9.02, 03 B01, 03 B02, 05 B01, 05 B02	**G/K/P/R/T 92 K 93**	5/82→	8476 ccm	128-209 kW (174-284 PS)	115 / 6			391608			
						EX	PSCA006	366256	44,0x11,0x162,5	45	1
ENG. DS 9	**G/P/R/T 92 F/G/P/R/T 93**	1/85-1/98	8476 ccm	185 kW (252 PS)	115 / 6			1360833 1903845			
ENG. DSC 9.09 Euro 1	**P/R/T 93**	3/88-8/97	8476 ccm	184 kW (250 PS)	115 / 6			278102			
ENG. DS 9.01, 05, 06, 08	**G/P/R/T 92 F/G/P/R/T 93**	1/85-9/98	8476 ccm	155-185 kW (211-252 PS)	115 / 6						
ENG. DSC 9.01, 02	**G/P/R/T 92 G/P/R/T 93**	1/85-8/97	8476 ccm	202 kW (275 PS)	115 / 6						
ENG. DSC 9.07, 08, 10 Euro 1	**G/K/P/R/T 93**	11/87-12/01	8476 ccm	162-208 kW (220-283 PS)	115 / 6						



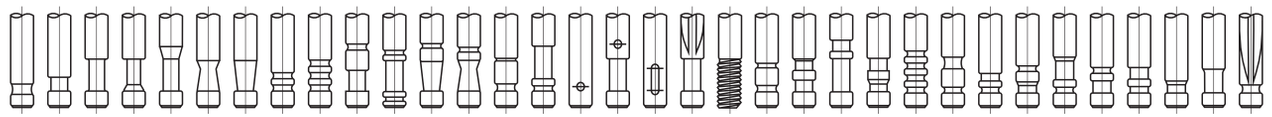
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SCANIA DIESEL											
ENG. DC 11.07 Euro 2	**K 114**	8/97-12/03	10640 ccm	243 kW (330 PS)	127 / 6	IN	PSCA007	1333230	44,0x10,0x171,5	20	1
ENG. DC 11.01, 02 Euro 2	**P/R/T 114**	2/96-9/04	10640 ccm	250-280 kW (340-380 PS)	127 / 6			1477022			
ENG. DC 11.03, 04, 06, 08, 09 Euro 3	**K/P/R/T 114** **Century 12.35** **OmniCity** **P 340/380** **R 340/380** **T 340/380**	2/96→	10640 ccm	250-280 kW (340-380 PS)	127 / 6			1515743 1785076			
						EX	PSCA008	1328537 1445830 1791152	41,0x10,0x171,5	45	1
ENG. DC 11.03, 04, 06, 08, 09 Euro 3	**K/P/R/T 114** **Century 12.35** **OmniCity** **P 340/380** **R 340/380** **T 340/380**	2/96→	10640 ccm	250-280 kW (340-380 PS)	127 / 6						
ENG. DC11-340 Euro 3	**P/T 340**	9/04→	10640 ccm	250 kW (340 PS)	127 / 6						
ENG. DC 12.10, 11, 12, 13 Euro 4	**G 340/380** **Irizar Century** **Irizar H, L, M** **Irizar PB** **K-series 124** **OmniCity** **OmniExpress** **P 340/380** **R 340/380/420**	2/04→	11716 ccm	250-309 kW (340-420 PS)	127 / 6						
ENG. DC 12.01, 02, 03, 09, 14, 55 A 294, 55 A 316, 55 A 331, 58 A 257, 58 A 272 Euro 3	**K/P/R/T 124** **Century 12.37/12.85/13.37** **P/T 420**	3/95→	11716 ccm	257-331 kW (350-450 PS)	127 / 6						



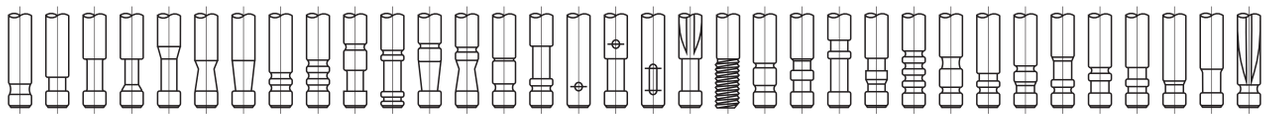
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SCANIA DIESEL											
ENG. D10		58-68	10260 ccm	122 kW (165 PS)	127 / 6	IN	PSCA012	271803	54,0x11,0x162,5	30	1
ENG. DN11 → ENG. No.5220093		68 →	11015 ccm	149 kW (202 PS)	127 / 6			237959 1361189			
						EX	PSCA004	243477 250839 1361197	44,0x11,0x162,5	30	1
						EX	PSCA002	232018 1360834 1100997 352347 1397521	45,0x11,0x162,5	45	1
ENG. DC 9.22, 35, 36 Euro 5 **ENG. DC 9.29, 30, 32 Filter**	**Irizar H, L, M** **OmniCity** **OmniLink** **P230/P280/P320**	12/06	9300 ccm	169-235 kW (230-320 PS)	130 / 5	IN	PSCA016	1854798 1854799 1886946 1887056	44,0x10,0x171,4	20	25
ENG. DC 13.05, 06, 07, 10 Euro 5	**P360/P400** **PB GT 13.9** **R360/R400/R440/R480** **Touring HD 12**	10/06 →	12700 ccm	265-353 kW (360-480 PS)	130 / 6	EX	PSCA017	1781847 1854802 1778492	41,0x10,0x171,5	45	25



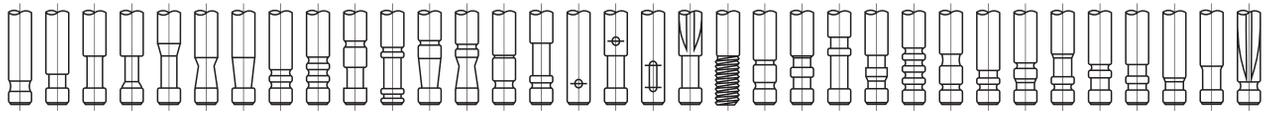
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SEAT BENZYNA											
ENG. 021A2.000	**Ibiza I 1.5 GLX**	84→	1461 ccm	63-66 kW (85-90 PS)	83 / 4	IN	PSEA001	39402830	34,0x7,0x103,0	45	9
ENG. System Porsche	**Malaga 1.5 GLX**	85→						039433700			
	Ronda 1.5 GLX/SX	84→						SE021012301B			
						EX	PSEA002	39402840	30,0x7,0x103,0	45	9
								039433710			
								SE21012302B			
ENG. AEX, AKV, APQ	**Arosa 1.4i**	2/97-9/99	1390 ccm	40-44 kW (55-60 PS)	76,5 / 4	IN	PSEA003	030109601AH	35,6x7,0x94,8	45	9
	Cordoba 1.4i	9/95-6/99				EX	PSEA004	032109611G	29,0x7,0x95,0	45	9
	Ibiza 1.4i	9/95-6/99									
	Inca 1.4i	11/95-6/03									
ENG. ANX	**Cordoba 1.4i**	1/98-5/98	1390 ccm	40 kW (54 PS)	76,5 / 4						
	Ibiza 1.4i	1/98-5/98									
ENG. AEE, ALM	**Cordoba 1.6i**	5/97-8/02	1598 ccm	55 kW (75 PS)	76,5 / 4						
	Ibiza 1.6i	9/97-5/02									
	Inca 1.6i	6/97-9/00									
ENG. ABU	**Cordoba 1.6i**	9/93-8/94	1588 ccm	55 kW (75 PS)	76,5 / 4	IN	PSEA005	032109601G	34,6x7,0x94,8	45	9
	Ibiza 1.6i	2/93-8/94				EX	PSEA004	032109611G	29,0x7,0x95,0	45	9
ENG. AFT	**Cordoba 1.6i**	9/94-6/99	1595 ccm	74 kW (101 PS)	81 / 4	IN	PSEA012	078109601A	39,5x7,0x91,9	45	9
	Ibiza 1.6i	9/95-6/99						078109601B			
	Toledo 1.6i	9/96-3/99						078109601E			
ENG. AEH, AKL, APF, AUR	**Cordoba 1.6i**	6/99-8/02	1595 ccm	74 kW (101 PS)	81 / 4			078109601F			
	Ibiza 1.6i	6/99-5/02						06A109601E			
	Leon 1.6i	8/99-10/05						037109601			
	Toledo 1.6i	10/98-7/04				EX	PSEA013	048109611B	32,9x7,0x91,2	45	9
ENG. AGG	**Cordoba 2.0i**	4/96-6/99	1984 ccm	85 kW (101 PS)	82,5 / 4			078109611C			
	Ibiza 2.0i	4/96-6/99						037109611B			
	Toledo 2.0i	3/96-3/99									
ENG. ATM	**Alhambra 2.0i**	6/00-3/10	1984 ccm	85 kW (101 PS)	82,5 / 4						
ENG. AZL, BBX	**Cordoba 2.0i**	9/02→	1984 ccm	85 kW (101 PS)	82,5 / 4						
	Ibiza 2.0i	7/02→									



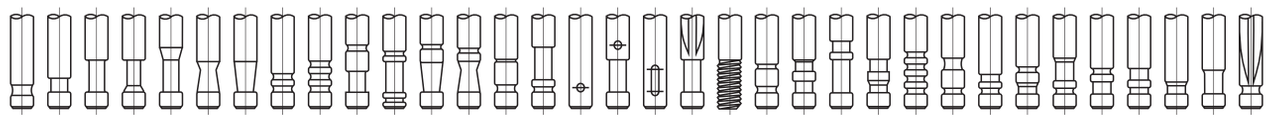
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SEAT BENZYNA											
ENG. BXV	**Cordoba 1.2i 12V**	5/06-11/09	1198 ccm	51 kW (69 PS)	76,5 / 4	IN	PSEA014	036109601S	29,5x6,0x100,9	45	9
	Ibiza 1.2i 12V	5/06-11/09						036109601AD			
ENG. BXW	**Altea 1.4 SRE 16V**	5/06-5/10	1390 ccm	63 kW (86 PS)	76,5 / 4			036109601AK			
	Cordoba 1.4 SRE 16V	5/06-11/09			76,5 / 4	EX	PSEA015	036109611K	26,0x6,0x100,5	45	9
	Ibiza 1.4 SRE 16V	3/08-5/10						036109611AE			
	Leon 1.4 SRE 16V	6/06-5/10									
	Toledo 1.4 SRE 16V	5/06-5/09									
ENG. BZG	**Ibiza 1.2 SRE 12V**	3/08→	1198 ccm	51 kW (69 PS)	76,5 / 4						
ENG. CAVA	**Alhambra 1.4 TS**	6/10→	1390 ccm	110 kW (150 PS)	76,5 / 4						
ENG. CAVE	**Ibiza 1.4 FSI 16V**	5/09→	1390 ccm	132 kW (180 PS)	76,5 / 4						
ENG. CAVF	**Ibiza 1.4 FSI 16V**	3/09→	1390 ccm	110 kW (150 PS)	76,5 / 4						
ENG. CAXC	**Altea 1.4 TFSI 16V**	11/07→	1390 ccm	74 kW (101 PS)	76,5 / 4						
	Leon 1.4 TFSI 16V	11/07→									
	Toledo 1.4 TFSI 16V	11/07-5/09									
ENG. CGPA	**Ibiza 1.2i 12V**	5/09→	1198 ccm	51 kW (69 PS)	76,5 / 3						
	Leon 1.4i 16V	8/03-9/07									
ENG. CGGB	**Altea 1.4 SRE 16V**	5/10→	1390 ccm	63 kW (85 PS)	76,5 / 4						
	Ibiza 1.4 SRE 16V	3/10→									
	Leon 1.4 SRE 16V	5/10→									
ENG. AER	**Arosa 1.0i**	2/97-9/99	999 ccm	37 kW (50 PS)	67,1 / 4	IN	PSEA016	030109601AG	31,0x7,0x94,7	45	9
	Cordoba 1.0i	6/97-6/99				EX	PSEA017	030109611N	26,0x7,0x94,4	45	9
	Ibiza 1.0i	9/96-6/99									
ENG. ALL	**Arosa 1.0i**	8/97-5/99	999 ccm	37 kW (50 PS)	67,1 / 4						



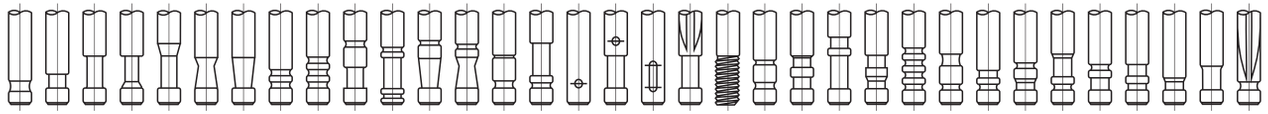
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SEAT BENZYNA											
ENG. 100 GL.0N.0, 100 GL.000, 100 GL.064, 100 GL.9N.0	**127**	5/72-12/80	903 ccm	33 kW (45 PS)	65 / 4	IN	PSEA018	4265695 4259853	29,0x7,0x95,3	30	1
ENG. 100 GL.3C.0	**Fura 0.9**	3/84-12/86	903 ccm	33 kW (45 PS)	65 / 4			46407749			
	Ibiza 0.9 Junior	8/86-5/93						46427459			
	Marbella 0.8	82-10/98						4190109			
ENG. 100 GL6.000, 08 NCA	**Marbella 0.8**	1/87-10/93	843 ccm	25 kW (33 PS)	65 / 4			5959564			
ENG. 146 A.000	**Ibiza 0.9**	8/86-5/93	903 ccm	33 kW (45 PS)	65 / 4	EX	PSEA019	4259583 4183555 4274135 4377979 5973130 5959563 5963326 7736408 7783841	26,0x7,0x95,7	45	1
						EX	PSEA057	4265696 4266321	26,0x7,0x95,3	45	9
ENG. AGN, APG	**Leon 1.8i 20V**	10/98-10/05	1781 ccm	92 kW (125 PS)	81 / 4	IN	PSEA020	058109601C	26,9x6,0x105,1	45	9
	Toledo 1.8i 20V	10/98-7/04				EX	PSEA021	058109611M	29,9x6,0x103,9	45	9
ENG. APP	**Leon 1.8i Turbo 20V**	8/99-12/00	1781 ccm	132 kW (180 PS)	81 / 4			06B109611D	Odległość zamka - 4,0 [mm]		
ENG. AJH, AWC	**Alhambra 1.8i Turbo 20V**	5/98-3/10	1781 ccm	110 kW (150 PS)	81 / 4	IN	PSEA020	058109601C	26,9x6,0x105,1	45	9
ENG. AJQ, ARY, AQU	**Leon 1.8i Turbo 20V**	3/00-10/05	1781 ccm	132 kW (180 PS)	81 / 4	EX	PSEA066	058109611E	29,9x6,0x103,9	45	9
ENG. AQX	**Cordoba 1.8i Turbo 20V**	12/99-10/00	1781 ccm	115 kW (156 PS)	81 / 4				Odległość zamka - 5,9 [mm]		
	Ibiza 1.8i Turbo 20V	12/99-10/00									
ENG. AMK, BAM	**Leon 1.8i Cupra R 20V**	5/02-6/06	1781 ccm	154-165 kW (210-225 PS)	81 / 4						
ENG. BBU	**Ibiza 1.8i Cupra 20V**	5/04→	1781 ccm	132 kW (179 PS)	81 / 4						
ENG. BJX	**Ibiza 1.8i Turbo 20V**	12/03→	1781 ccm	110 kW (150 PS)	81 / 4						



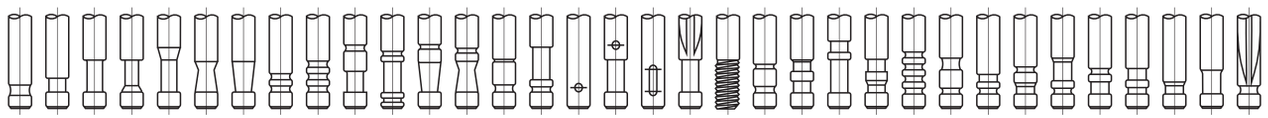
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SEAT BENZYNA											
ENG. EZ	**Toledo 1.6i 16V**	5/91-9/91	1595 ccm	55 kW (75 PS)	81 / 4	IN	PSEA046	035109601H 035109601G	38,0x8,0x91,0	45	9
						IN	PSEA050		38,0x8,0x91,35	45	9
						IN	PSEA086	035109601C 035109601D 035109601F 035109603	38,0x8,0x98,7	45	9
						EX	PSEA023	048109611A 053109611	33,0x8,0x91,2	45	9
						EX	PSEA047	026109611A	33,2x8,0x90,8	45	9
						EX	PSEA087	035109611F 035109611H	33,2x8,0x98,5	45	9
ENG. System Porsche **ENG. 021A1.000**			1193 ccm	47 kW (63 PS)	75 / 4	IN	PSEA026	39403030 039433680 SE0210-12301A	32,0x7,0x103,0	45	9
	Ibiza 1.2 L/GL/GLX	84→									
	Malaga 1.2 L/GL/GLX	85→									
	Ronda 1.2 L/GL/GLX	84→				EX	PSEA027	39403040 039433690 SE0210-12302A	28,0x7,0x103,0	45	9
ENG. ABF	**Alhambra 2.0i 16V**	96-00	1984 ccm	110 kW (150 PS)	82,5 / 4	IN	PSEA028	051109601B	32,0x7,0x95,5	45	9
	Cordoba 2.0i 16V	7/96-6/99				EX	PSEA029	051109611B 034109611F	27,0x7,0x98,0	45	9
	Ibiza 2.0i 16V	7/96-6/99									
	Toledo 2.0i 16V	3/94-3/99									
ENG. ADL	**Cordoba 1.8 16V**	93→	1781 ccm	95 kW (129 PS)	81 / 4						
	Ibiza 1.8i 16V	93-96									



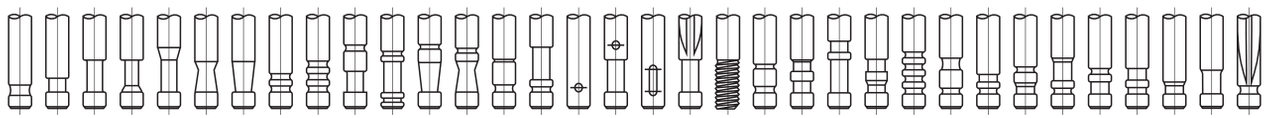
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SEAT BENZYNA											
ENG. RP	**Toledo 1.8i**	5/91-11/93	1781 ccm	66 kW (90 PS)	81 / 4	IN	PSEA032	035109601J	38,0x8,0x91,9	45	9
ENG. 1F, ABN	**City Golf 1.6i (CN)**	5/94-6/96	1595 ccm	55 kW (75 PS)	81 / 4			035109601K			
	Cordoba/ Ibiza 1.6i	9/94-6/99				EX	PSEA023	053109611	33,2x8,0x91,2	45	9
	Inca/ Toledo 1.6i	5/91-3/99						048109611A			
ENG. ABS, ADZ, ACC	**Cordoba/ Ibiza 1.8i**	2/93-6/99	1781 ccm	66 kW (90 PS)	81 / 4						
	Toledo 1.8i	11/93-3/99									
ENG. KR, PL	**Toledo 1.8i 16V**	5/91-3/94	1781 ccm	95-100 kW (129-136 PS)	81 / 4	IN	PSEA033	027109601C	32,0x7,0x95,5	45	1
						EX	PSEA034	027109611A	28,0x7,0x98,2	45	1
								027109611B			
								027109611C			
								027109611D			
ENG. ABD	**Cordoba/ Ibiza 1.4i**	9/93-11/95	1391 ccm	44 kW (60 PS)	75 / 4	IN	PSEA035	030109601L	36,0x7,0x99,3	45	9
								030109601J			
						IN	PSEA036	030109601G	34,0x7,0x99,0	45	9
						EX	PSEA037	030109611D	29,0x7,0x99,2	45	9
ENG. 2G, 3F, AAV	**Ibiza 1.3i**	89-94	1272 ccm	40 kW (55 PS)	75 / 4	IN	PSEA035	030109601L	36,0x7,0x99,3	45	9
								030109601J			
						EX	PSEA037	030109611D	29,0x7,0x99,2	45	9
ENG. 1W	**Terra 1.4D**	90-95	1398 ccm	35 kW (48 PS)	75 / 4	IN	PSEA036	030109601G	34,0x7,0x99,0	45	9
ENG. AAU, ABD	**Cordoba, Ibiza**	93→	1043 ccm	33 kW (45 PS)	75 / 4	EX	PSEA037	030109611D	29,0x7,0x99,2	45	9
			1391 ccm	44 kW (60 PS)							
ENG. AFH	**Cordoba/ Ibiza 1.4i 16V**	6/97-6/99	1390 ccm	74 kW (101 PS)	76,5 / 4	IN	PSEA038	036109601P	29,5x6,0x97,9	45	9
						EX	PSEA039	036109611L	26,0x6,0x97,3	45	9
ENG. AAU	**Ibiza 1.05i**	2/93-6/96	1043 ccm	33 kW (45 PS)	75 / 4	IN	PSEA042	030109601M	32,0x7,0x99,2	45	9
								030109601N			
						EX	PSEA037	030109611D	29,0x7,0x99,2	45	9



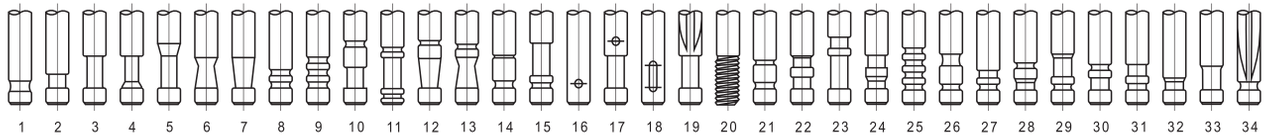
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SEAT BENZYNA											
ENG. 2G, AAV, 3F	**Cordoba 1.3**	2/93-7/94	1272 ccm	40-57 kW (54-78 PS)	75 / 4	IN	PSEA043	030109601D	36,0x8,0x99,3	45	9
	Ibiza 1.3	2/93-8/94						030109601F			
	Ibiza 1.3i	89-94				IN	PSEA044	030109601E	32,0x8,0x99,3	45	9
ENG. AAU	**Ibiza 1.05i**	2/93-6/96	1043 ccm	33 kW (45 PS)	75 / 4	IN	PSEA082	030109601B	36,0x8,0x98,7	45	9
ENG. ABD	**Cordoba/ Ibiza 1.4i**	9/93-11/95	1391 ccm	44 kW (60 PS)	75 / 4			030109601C			
								073109601D			
						EX	PSEA045	030109611A	28,8x8,0x99,1	45	9
ENG. CCSA	**Altea 1.6 SRE**	12/07-11/10	1598 ccm	75 kW (102 PS)	81 / 4	IN	PSEA051	06B109601B	39,5x6,0x93,9	45	9
	Leon 1.6 SRE	7/05-11/10						06B109601D			
	Toledo 1.6 SRE	12/07→						06B109601H			
ENG. BFQ, ALZ	**Exeo 1.6i**	3/09-9/10	1595 ccm	75 kW (102 PS)	81 / 4	EX	PSEA052	06B109611B	33,0x6,0x93,9	45	9
	Leon 1.6i	10/05-6/06						06B109611C			
ENG. BGU, BSE, BSF	**Altea/ Toledo 1.6 SRE**	2/04→	1595 ccm	75 kW (102 PS)	81 / 4						
	Leon 1.6 SRE	7/05→									
ENG. CMXA, CHGA	**Altea/ Leon 1.6 SRE/ LPG**	9/09→	1595 ccm	75 kW (102 PS)	81 / 4						
ENG. BLR, BLY, BVY, BVZ	**Altea 2.0 FSI 16V**	5/04-3/09	1984 ccm	110 kW (150 PS)	82,5 / 4	IN	PSEA053	06D109601K	33,8x6,0x104,0	45	9
	Leon 2.0 FSI 16V	7/05-5/10						06E109601E			
	Toledo 2.0 FSI 16V	9/04-3/09						06E109601F			
						EX	PSEA054	06D109611K	28,0x6,0x101,9	45	9
								06D109611L			
ENG. ALD, ANV, AUC	**Arosa 1.0i**	7/99-6/04	999 ccm	37 kW (50 PS)	67,1 / 4	IN	PSEA060	030109601AK	31,0x6,0x99,0	45	9
	Cordoba 1.0i	8/99-8/02				EX	PSEA061	030109611S	26,0x6,0x99,0	45	9
	Ibiza 1.0i	8/99-5/02									



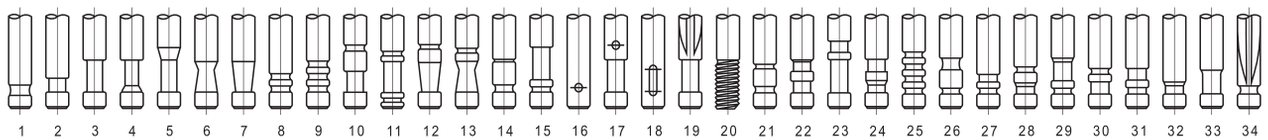
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SEAT BENZYNA											
ENG. AKK, ANW, AUD	**Arosa 1.4i**	7/99-6/04	1390 ccm	44 kW (60 PS)	76,5 / 4	IN	PSEA062	030109601AL	33,5x6,0x99,2	45	9
	Cordoba/ Ibiza 1.4i	8/99-8/03				EX	PSEA063	030109611T	28,0x6,0x99,2	45	9
	Inca 1.4i	9/00-6/03						03D109611A			
								032109611L			
								032109611M			
ENG. AHT	**Arosa 1.0**	98→	999 ccm		67,1 / 4	IN	PSEA071	047109601D	34,0x7,0x101,4	45	9
								047198601D			
								114-020249			
						EX	PSEA072	047109611D	30,0x7,0x101,4	45	9
								047198611D			
								047-109611			
ENG. 131 C4.000	**131 2.0**	82-12/84	1995 ccm	83 kW (113 PS)	84 / 4	IN	PSEA073	4255694	41,9x8,0x106,3	45	1
						IN	PSEA075	4440061	43,6x8,0x105,6	45	1
								4460061			
								7547400			
								46406169			
								7031135			
						EX	PSEA074	4359309	36,2x8,0x105,9	45	1
								4255695			
								4293992			
								4469661			
								5975341			
								4173747			
								4186165			
								7597080			



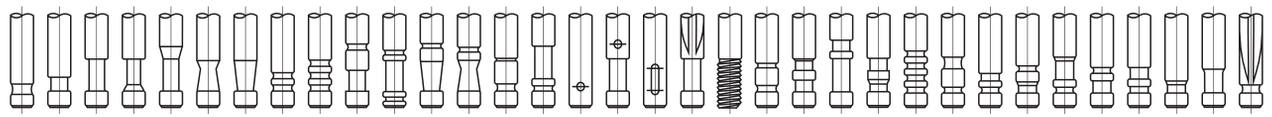
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SEAT BENZYNA											
ENG. 146 A.000	**Ibiza 0.9**	8/86-5/93	903 ccm	33 kW (45 PS)	65 / 4	IN	PSEA079	4212771 4239917 4460697	36,0x8,0x108,5	45	1
						EX	PSEA080	4315062 5973128 4239918 4314869 4190307	31,0x8,0x109,0	45	1
ENG. BAH	**Cordoba/ Ibiza 1.6i**	4/03→	1598 ccm	74 kW (101 PS)	76,5 / 4	IN	PSEA085	032109601L 032109601M	34,4x6,0x99,1	45	9
ENG. BBM, CHFA	**Ibiza 1.2i**	6/07-11/09	1198 ccm	44 kW (60 PS)	76,5 / 4	EX	PSEA063	030109611T 03D109611A 032109611L 032109611M	28,0x6,0x99,2	45	9
ENG. CBZA	**Toledo 1.2 TSI**	10/12→	1198 ccm	63 kW (85 PS)	71 / 4	IN	PSEA089	03F109601A	35,5x6,0x98,7	45	9
ENG. CBZB	**Altea/ Ibiza 1.2 TSI** **Leon 1.2 TSI** **Toledo 1.2 TSI**	4/10→ 2/10-11/12 10/12→	1198 ccm	77 kW (105 PS)	71 / 4	EX	PSEA090	03F109611B 03F109611C	30,0x6,0x98,4	45	9



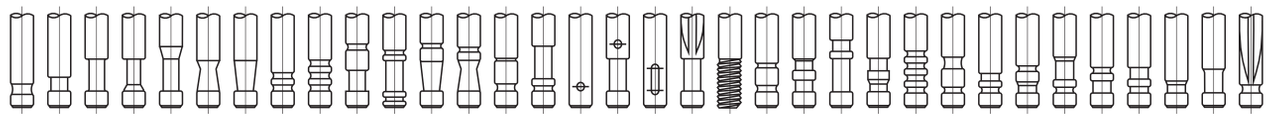
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SEAT BENZYNA											
ENG. AGZ	**Toledo 2.3i 20V** **Leon 2.3i 20V**	10/98-11/00 98→	2324 ccm	110 kW (150 PS)	81 / 5	IN	PSEA091	021109601E 021109601H 021109601J 021109601K 021109601L 95WW6507AA 1004128 1072283 1031317	39,0x7,0x106,0	45	9
						EX	PSEA092	021109611D 021109611F 021109611G 95VW6505AA 1031316 1004127	34,3x7,0x107,0	45	9



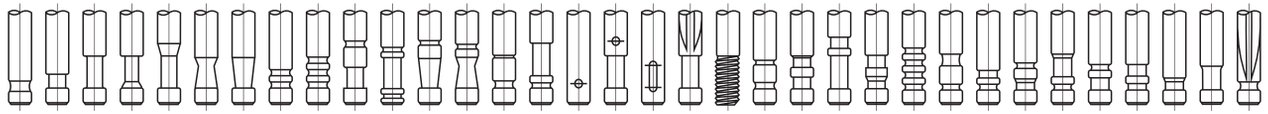
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SEAT DIESEL											
ENG. 1Y	**Cordoba 1.9 D**	9/93-6/99	1896 ccm	47 kW (64 PS)	79,5 / 4	IN	PSEA006	069109601F	36,0x8,0x95,1	45	9
	Ibiza 1.9 D	2/93-6/99				EX	PSEA007	074109611	31,2x8,0x95,5	45	9
	Inca 1.9 D	11/95-6/03									
	Toledo 1.9 D	5/91-3/99									
ENG. AEY	**Cordoba 1.9 SDI**	9/95-6/99	1896 ccm	47 kW (64 PS)	79,5 / 4						
	Ibiza 1.9 SDI	9/95-6/99									
	Inca 1.9 SDI	11/95-9/00									
ENG. AGP	**Cordoba 1.9 SDI**	4/99-8/02	1896 ccm	50 kW (68 PS)	79,5 / 4						
	Ibiza 1.9 SDI	4/99-5/02									
ENG. OM 615.912, OM 615.941	**132 2.2 D**	74-82	2197 ccm	44-49 kW (60-67 PS)	87 / 4	IN	PSEA008	6150530001	38,8x10,0x131,5	30	20
ENG. OM 615.940, OM 615.961 (ESP), OM 615.969 (POR)	**132 2.0 D**	5/73-2/79	1988 ccm	40-44 kW (55-60 PS)	87 / 4			6150530101			
								6150530501			
						EX	PSEA009	6150530105	33,2x10,0x131,0	30	20
ENG. OM 615.940, OM 615.966 (ESP)	**2000 D**	5/73-2/79	1988 ccm	40 kW (55 PS)	87 / 4			6150530405			
								6150530705			
ENG. AVG	**Alhambra 1.9 TDI**	9/97-2/00	1896 ccm	81 kW (110 PS)	79,5 / 4	IN	PSEA010	028109601D	36,0x7,0x96,85	45	9
ENG. AGR, ALH	**Cordoba 1.9 TDI**	4/99-8/02	1896 ccm	66 kW (90 PS)	79,5 / 4			028109601K			
	Ibiza 1.9 TDI	4/99-5/02						1079769			
	Leon 1.9 TDI	11/99-10/05				EX	PSEA011	028109611G	31,5x7,0x96,8	45	9
	Toledo 1.9 TDI	3/99-7/04						1049788			
ENG. ASV, AHF	**Cordoba 1.9 TDI**	3/99-8/02	1896 ccm	81 kW (110 PS)	79,5 / 4						
	Ibiza 1.9 TDI	3/99-5/02									
	Leon 1.9 TDI	10/99-10/05									
	Toledo 1.9 TDI	10/98-7/04									



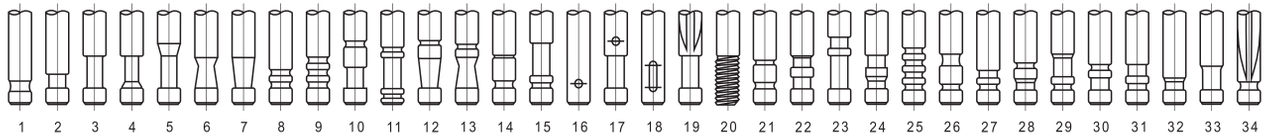
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SEAT DIESEL											
ENG. AFN	**Alhambra 1.9 TDI**	9/97-2/00	1896 ccm	81 kW (110 PS)	79,5 / 4	IN	PSEA010	028109601D	36,0x7,0x96,85	45	9
	Cordoba 1.9 TDI	3/97-6/99						028109601K			
	Ibiza 1.9 TDI	3/97-6/99						1079769			
	Toledo 1.9 TDI	12/96-3/99				IN	PSEA024	028109601A	36,0x8,0x96,8	45	9
ENG. 1Z, AHU	**Alhambra 1.9 TDI**	3/96-2/00	1896 ccm	66 kW (90 PS)	79,5 / 4			028109601H			
	Cordoba 1.9 TDI	7/96-6/99						046109601G			
	Ibiza 1.9 TDI	7/96-6/99						046109601H			
	Toledo 1.9 TDI	4/95-3/99						046109601J			
								049109601J			
								1669766			
								9186565			
						EX	PSEA011	028109611G	31,5x7,0x96,8	45	9
								1049788			
						EX	PSEA025	046109611C	31,5x8,0x96,9	45	9
								046109611E			
								046109611F			
								1669772			
								9186566			
ENG. AEY	**Cordoba 1.9 SDI**	9/95-6/99	1896 ccm	47 kW (64 PS)	79,5 / 4	IN	PSEA030	028109601J	36,0x7,0x96,5	45	9
	Ibiza 1.9 SDI	9/95-6/99				EX	PSEA031	028109611K	31,5x7,0x96,3	45	9
	Inca 1.9 SDI	11/95-9/00									
ENG. AHB	**Inca 1.7 SDI**	7/96-9/00	1716 ccm	42 kW (57 PS)	79,5 / 4						
ENG. AKU	**Arosa 1.7 SDI**	8/97-10/03	1716 ccm	44 kW (60 PS)	79,5 / 4						
ENG. AGP, AQM	**Cordoba 1.9 SDI**	4/99-8/02	1896 ccm	50 kW (68 PS)	79,5 / 4						
	Ibiza 1.9 SDI	4/99-5/02									
	Leon 1.9 SDI	6/00-10/03									
ENG. AYQ, ASY	**Cordoba 1.9 SDI**	9/02→	1896 ccm	47 kW (64 PS)	79,5 / 4						
	Ibiza 1.9 SDI	1/02→									
	Inca 1.9 SDI	9/00-6/03									



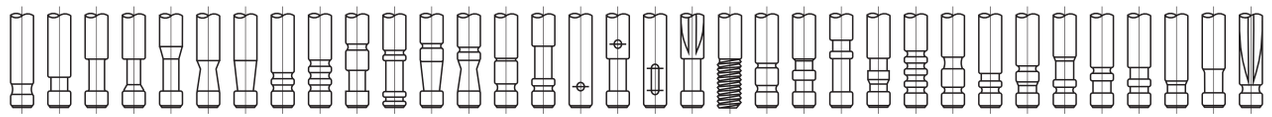
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SEAT DIESEL											
ENG. AMF	**Arosa 1.4 TDI**	10/99-6/04	1422 ccm	55 kW (75 PS)	79,5 / 3	IN	PSEA040	038109601B	35,9x7,0x89,9	45	9
	Cordoba 1.4 TDI	10/02→						1100679			
	Ibiza 1.4 TDI	5/02-12/05				EX	PSEA041	038109611B	31,5x7,0x90,0	45	9
ENG. ANU	**Alhambra 1.9 TDI**	6/00-3/10	1896 ccm	66 kW (90 PS)	79,5 / 4			038109611F			
								1100678			
ENG. ATD	**Cordoba 1.9 TDI**	9/02→	1896 ccm	74 kW (101 PS)	79,5 / 4						
	Ibiza 1.9 TDI	9/01→									
ENG. AUY, BVK	**Alhambra 1.9 TDI**	6/00-3/10	1896 ccm	85 kW (116 PS)	79,5 / 4						
ENG. ARL	**Leon 1.9 TDI**	9/00-12/05	1896 ccm	110 kW (150 PS)	79,5 / 4						
	Toledo 1.9 TDI	10/00-7/04									
ENG. ASZ	**Alhambra 1.9 TDI**	11/02-11/08	1896 ccm	96 kW (130 PS)	79,5 / 4						
	Cordoba 1.9 TDI	10/02→									
	Ibiza 1.9 TDI	11/01→									
	Leon/Toledo 1.9 TDI	5/03-6/06									
ENG. BPX	**Ibiza 1.9 TDI**	3/04→	1896 ccm	118 kW (160 PS)	79,5 / 4						
ENG. BUK	**Ibiza 1.9 TDI**	11/05-2/08	1896 ccm	118 kW (160 PS)	79,5 / 4						
ENG. BLT	**Cordoba 1.9 TDI**	5/05→	1896 ccm	96 kW (130 PS)	79,5 / 4						
	Ibiza 1.9 TDI	5/05-11/09									
ENG. BTB	**Alhambra 1.9 TDI**	6/05-5/07	1896 ccm	110 kW (150 PS)	79,5 / 4						
ENG. 1Y	**Cordoba 1.9 D**	9/93-6/99	1896 ccm	47 kW (64 PS)	79,5 / 4	IN	PSEA048	028109601B	36,0x7,0x95,5	45	9
	Ibiza 1.9 D	2/93-6/99				EX	PSEA049	028109611B	31,5x7,0x95,6	45	9
	Inca 1.9 D	11/95-6/03						028109611E			
	Toledo 1.9 D	5/91-3/99									
ENG. AAZ	**Cordoba 1.9 TD**	9/93-8/97	1896 ccm	55 kW (75 PS)	79,5 / 4						
	Ibiza 1.9 TD	2/93-8/97									
	Toledo 1.9 TD	5/91-4/97									
ENG. AEF	**Cordoba 1.9 D**	96→	1896 ccm	47 kW (64 PS)	79,5 / 4						



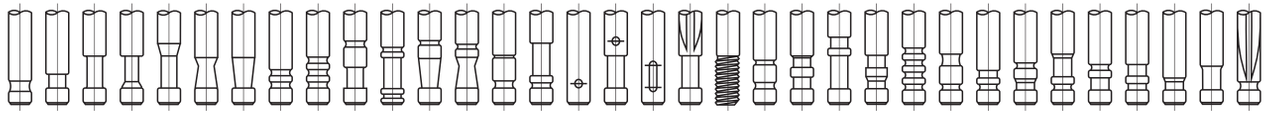
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SEAT DIESEL											
ENG. AZV	**Altea 2.0 TDI 16V**	4/04-3/09	1968 ccm	100 kW (136 PS)	81 / 4	IN	PSEA083	03G109601A	29,4x6,0x88,5	45	9
	Leon 2.0 TDI 16V	7/05-5/10				EX	PSEA084	03G109611B	25,5x6,0x88,2	45	9
	Toledo 2.0 TDI 16V	9/04-5/09				IN	PSEA055	03G109601B	29,2x6,0x87,8	45	9
ENG. BKD	**Altea 2.0 TDI 16V**	3/04→	1968 ccm	103 kW (140 PS)	81 / 4			MN980080			
	Leon 2.0 TDI 16V	7/05→						68001582AA			
	Toledo 2.0 TDI 16V	9/04-5/09				EX	PSEA056	03G109611D	25,5x6,0x87,5	45	9
ENG. BMN	**Altea 2.0 TDI 16V**	2/06-5/10	1968 ccm	125 kW (170 PS)	81 / 4			MN980081			
	Leon 2.0 TDI 16V	2/06-3/09						68001583AA			
	Toledo 2.0 TDI 16V	1/06-5/09									
ENG. AAZ	**Cordoba 1.9 TD**	9/93-8/97	1896 ccm	55 kW (75 PS)	79,5 / 4	IN	PSEA064	069109601H	36,0x8,0x95,0	45	9
	Ibiza 1.9 TD	2/93-8/97				EX	PSEA007	074109611	31,1x8,0x95,5	45	9
	Toledo 1.9 TD	5/91-4/97									
ENG. 8144.61.200	**131 2.4 D**	81-85	2429 ccm	53 kW (72 PS)	93 / 4	IN	PSEA076	4757358 7301820 504069200 7701030863 7701462678 7701463603 7701467250 0948.A2	41,0x8,0x120,8	30	1
						EX	PSEA077	7301821 4826033 7303309 7302157 7701203675	34,4x8,0x122,0	45	1



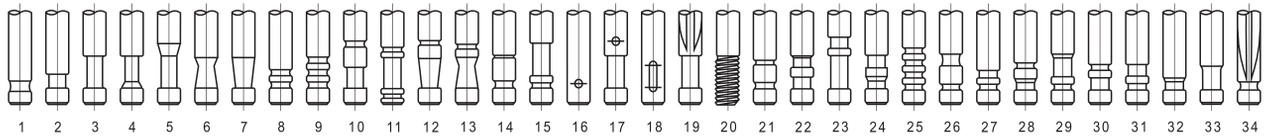
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SEAT DIESEL											
ENG. 4.108	**131 1.8 D**	5/75-82	1753 ccm	36-38 kW (49-52 PS)	79,375 / 4	IN	PSEA080	31431661 0910064	36,0x8,0x117,0	45	1
						EX	PSEA081	31431861 0910061	30,3x8,0x117,0	45	1
ENG. MN	**Terra 1.3D**	89-91	1272 ccm	33 kW (45 PS)	75 / 4	IN	PSEA088	030109601	34,0x8,0x99,1	45	9
ENG. 1W	**Terra 1.4D**	90-95	1398 ccm	35 kW (48 PS)	75 / 4	EX	PSEA045	030109611A	28,9x8,0x99,1	45	9
ENG. CAYB	**Altea (5P1) 1.6 TDI**	06/13 →	1598 ccm	66 kW (90 PS)	4	IN	PSEA093	03L109601	26,5x6,0x99,3	45	9
	Altea XL (5P5, 5P8) 1.6 TDI	11/10 →				EX	PSEA094	03L109611A	24,5x6,0x99,1	45	9
	Ibiza IV (6J5, 6P1) 1.6 TDI	05/09 →									
	Ibiza IV SPORTCOUPE (6J1, 6P5) 1.6 TDI	05/09 →									
	Ibiza IV ST (6J8, 6P8) 1.6 TDI	03/10 →									
	Leon (1P1) 1.6 TDI	11/10 - 12/12									
	Toledo IV (KG3) 1.6 TDI	06/13 →									
ENG. CAYC	**Altea (5P1) 1.6 TDI**	10/09 →	1598 ccm	77 kW (105 PS)	4						
	Altea XL (5P5, 5P8) 1.6 TDI	10/09 →									
	Leon (1P1) 1.6 TDI	02/10 - 12/12									
ENG. CFWA	**Ibiza IV (6J5, 6P1) 1.2 TDI**	05/10 -	1199 ccm	55 kW (75 PS)	3						
	Ibiza IV SPORTCOUPE (6J1, 6P5) 1.2 TDI	05/10 →									
	Ibiza IV ST (6J8, 6P8) 1.2 TDI	04/10 →									



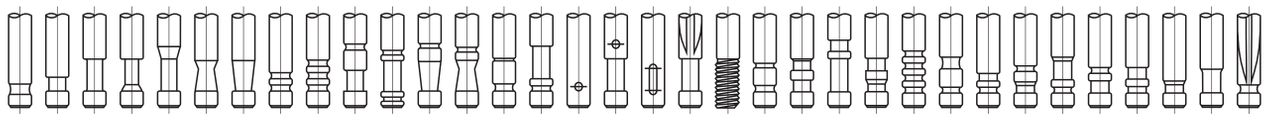
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SEAT DIESEL											
ENG. CLHA	**Leon (5F1) 1.6 TDI**	11/12→	1598 ccm	77 kW (105 PS)	4	IN	PSEA093	03L109601	26,5x6,0x99,3	45	9
	Leon SC (5F5) 1.6 TDI	02/13→				EX	PSEA094	03L109611A	24,5x6,0x99,1	45	9
	Leon ST (5F8) 1.6 TDI	10/13→									
	Leon ST (5F8) 1.6 TDI 4Drive	04/14→									
ENG. CLHB	**Leon (5F1) 1.6 TDI**	11/12→	1598 ccm	66 kW (90 PS)	4						
	Leon SC (5F5) 1.6 TDI	02/13→									
	Leon ST (5F8) 1.6 TDI	11/13→									
ENG. CLNA	**Ibiza IV (6J5, 6P1) 1.6 TDI**	05/09→	1598 ccm	77 kW (105 PS)	4						
	Ibiza IV SPORTCOUPE (6J1, 6P5) 1.6 TDI	05/09→									
	Ibiza IV ST (6J8, 6P8) 1.6 TDI	03/10→									
	Toledo IV (KG3) 1.6 TDI	07/12→									
ENG. CRKB	**Leon (5F1) 1.6 TDI**	09/13→	1598 ccm	81 kW (110 PS)	4						
	Leon SC (5F5) 1.6 TDI	09/13→									
	Leon ST (5F8) 1.6 TDI	09/13→									
	Leon ST (5F8) 1.6 TDI 4Drive	11/14→									
ENG. CEGA	**Altea (5P1) 2.0 TDI**	03/06→	1968 ccm	125 kW (170 PS)	4	IN	PSEA095	03L109601	28,2x6,0x99,3	45	9
	Altea XL (5P5, 5P8) 2.0 TDI	06/07→						04L109601B			
						EX	PSEA096	03L109611	26,0x6,0x99,1	45	9
	Toledo III (5P2) 2.0 TDI	01/06 - 05/09						04L109611B			
ENG. CFFA	**Alhambra (710, 711) 2.0 TDI**	06/10 - 05/11	1968 ccm	100 kW (136 PS)	4						



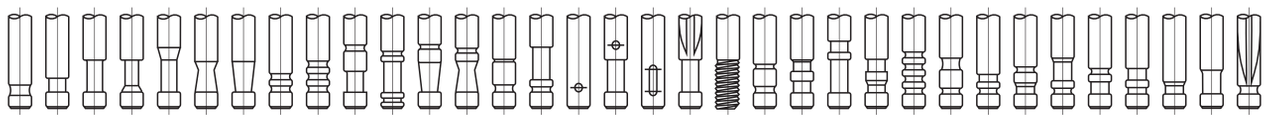
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SEAT DIESEL											
ENG. AMF	**Arosa (6H) 1.4 TDI**	01/00 - 06/04	1422 ccm	55 kW (75 PS)	3	IN	PSEA097	038109601E	36,0x7,0x89,5	45	9
	Cordoba (6L2) 1.4 TDI	10/02 - 12/05				EX	PSEA098	038109611E	31,5x7,0x89,0	45	9
	Ibiza III (6L1) 1.4 TDI	05/02 - 12/05									
ENG. AXR	**Leon (1M1) 1.9 TDI**	10/05 - 06/06	1896 ccm	74 kW (100 PS)	4						
ENG. BLS	**Ibiza IV (6J5, 6P1) 1.9 TDI**	03/08 - 06/10	1896 ccm	77 kW (105 PS)	4						
	Ibiza IV SPORTCOUPE (6J1, 6P5) 1.9 TDI	07/08 - 06/10									
ENG. BMM	**Altea (5P1) 2.0 TD**	11/05→	1968 ccm	103 kW (140 PS)	4						
	Altea XL (5P5, 5P8) 2.0 TDI	10/06→									
	Altea XL (5P5, 5P8) 2.0 TDI	06/07→									
	Leon (1P1) 2.0 TDI Toledo III (5P2) 2.0 TDI	10/05 - 10/10									
	Toledo III (5P2) 2.0 TDI	11/05 - 05/09									
SIMCA-TABLOT ..... → PEUGEOT 384											



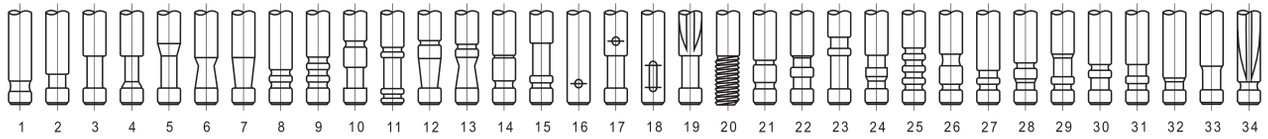
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SIMSON BENZYNA											
AWO 425 S (Sports)		50-61	248 ccm	10,3-11,4 kW (14-15,5 PS)	68 / 1	IN	PSMS001		36,0x8,0x98,0	45	33
						EX	PSMS002		36,0x8,0x99,5	45	33
AWO 425 T (Touring)		50-61	248 ccm	9 kW (12 PS)	68 / 1	IN	PSMS001		36,0x8,0x98,0	45	33
						EX	PSMS003		36,0x9,0x99,5	45	33



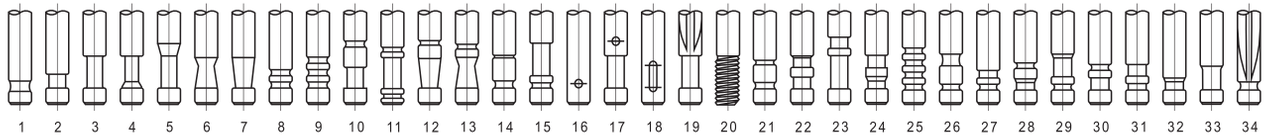
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SKODA BENZYNA											
ENG. 115	**100, 100L**	69-78	988 ccm	31 kW (42 PS)	68 / 4	IN	PSKO0001	10.197.1209	32,1x7,5x100,0	45	33
	110 L/LS	69-81	1107 ccm	36-39 kW (48-52 PS)	72 / 4	EX	PSKO0002	10.215.1209	27,3x7,5x100,0	45	33
ENG. 742.10	**105 S**	84→	1046 ccm	33 kW (45 PS)	68 / 4	IN	PSKO0003	441.0.1209.265.6	31,2x8,0x101,0	45	9
						EX	PSKO0005	441.0.1209.264.6 113020260	27,2x8,0x101,0	45	9
									Nadwymiar		
						IN	PSKO0004	441.0.1209.372.6	31,2x8,23x101,0	45	9
						EX	PSKO0006	441.0.1209.373.6	27,2x8,22x101,0	45	9
ENG. 742.12	**120L**	77→	1174 ccm	38 kW (52 PS)	72 / 4	IN	PSKO0007	441.0.1209.266.6	32,2x8,0x101,0	45	9
	120 GLS/L/LS	84→	1174 ccm	39-43 kW (52-58 PS)	72 / 4			113020241			
ENG. 742. 12X	**120 G/LS**	84→	1174 ccm	43 kW (58 PS)	72 / 4	EX	PSKO0005	441.0.1209.264.6 113020260	27,2x8,0x101,0	45	9
						IN	PSKO0008	441.0.1209.374.6	32,2x8,23x101,0	45	9
						EX	PSKO0006	441.0.1209.373.6	27,2x8,22x101,0	45	9
ENG. 742.13	**130 G/L**	84→			75,5 / 4	IN	PSKO0009	441.0.1209.320.6	34,0x8,0x101,0	45	9
						EX	PSKO0010	441.0.1209.321.6	29,0x8,0x101,0	45	9
ENG. 781. 115. 116. 135. 136.	**Forman 135 L/LK/LE/ LS/ LSK**	89→	1137 ccm	38 kW (52 PS)	75,5 / 4	IN	PSKO0011	441.0.1209.346.6	34,0x8,0x101,3	45	1
						EX	PSKO0012	441.0.1209.347.6	30,0x8,0x101,8	45	1
ENG. 781. 115. 116. 135. 136.	**Favorit, Forman 135 136L/LK/LE/LS/LSK/LSE**	89→	1289 ccm	46 kW (63 PS)	75,5 / 4						
ENG. AME, AQW	**Felicia 1.3**	10/94-7/97	1289 ccm	40-50 kW (54-68 PS)	75,5 / 4	IN	PSKO0013	047109601D	34,0x7,0x101,4	45	9
	Fabia 1.4i	8/99-5/03	1397 ccm	50 kW (68 PS)	75,5 / 4			047198601D			
ENG. ATZ	**Fabia 1.4i**	8/99-1/01	1397 ccm	50 kW (68 PS)	75,5 / 4			114-020249			
ENG. AZE, AZF	**Fabia 1.4i**	4/00-3/03	1397 ccm	44 kW (60 PS)	75,5 / 4	EX	PSKO0014	047109611D 047198611D 047-109611	30,0x7,0x101,4	45	9



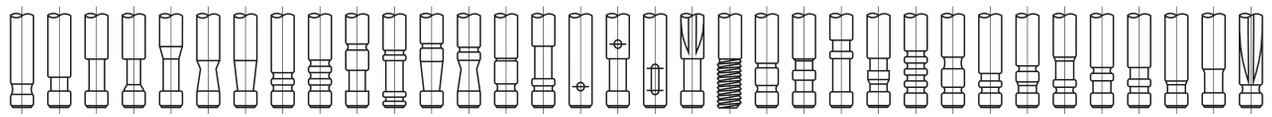
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SKODA BENZYNA											
ENG. AEE	**Felicia 1.6i**	5/95-8/01	1598 ccm	55 kW (75 PS)	76,5 / 4	IN	PSKO015	030109601AH	35,6x7,0x94,8	45	9
	Octavia 1.6i	10/96→				EX	PSKO016	032109611G	29,0x7,0x95,0	45	9
ENG. AGN	**Octavia 1.8i 20V**	10/96→	1781 ccm	92 kW (125 PS)	81 / 4	IN	PSKO017	058109601C	26,9x6,0x105,1	45	9
ENG. AMX	**Superb 2.8i 30V**	12/01-3/08	2771 ccm	142 kW (193 PS)	82,5 / 6	EX	PSKO018	058109611M	29,9x6,0x103,9	45	9
ENG. BBG	**Superb 2.8i 30V**	6/02-3/08	2771 ccm	140 kW (190 PS)	82,5 / 6			06B109611D	Odległość zamka - 4,0 [mm]		
ENG. AGU, ARZ, ARX, AUM	**Octavia 1.8i Turbo 20V**	5/98-12/10	1781 ccm	110 kW (150 PS)	81 / 4	IN	PSKO017	058109601C	26,9x6,0x105,1	45	9
ENG. AUQ	**Octavia 1.8i Turbo 20V**	00-04	1781 ccm	132 kW (180 PS)	81 / 4	EX	PSKO044	058109611E	29,9x6,0x103,9	45	9
ENG. AWT	**Octavia 1.8i Turbo 20V**	10/01-3/08	1781 ccm	110 kW (150 PS)	81 / 4				Odległość zamka - 5,9 [mm]		
ENG. AEH, AKL	**Octavia 1.6i**	2/97→	1595 ccm	74 kW (101 PS)	81 / 4	IN	PSKO019	078109601A	39,5x7,0x91,9	45	9
ENG. APK, AQY, AZH	**Octavia 2.0i**	5/99→	1984 ccm	85 kW (116 PS)	82,5 / 4			078109601B			
ENG. AZJ	**Octavia 2.0i**	3/02-1/06	1984 ccm	85 kW (116 PS)	82,5 / 4			078109601E			
ENG. AZM	**Superb 2.0i**	12/01-3/08	1984 ccm	85 kW (116 PS)	82,5 / 4			078109601F			
ENG. AZL	**Fabia 2.0i**	12/99-12/07	1984 ccm	85 kW (116 PS)	82,5 / 4			06A109601E			
ENG. AEG	**Octavia 2.0i**	9/00-1/05	1984 ccm	85 kW (116 PS)	82,5 / 4			037109601			
						EX	PSKO020	048109611B	32,9x7,0x91,2	45	9
								078109611C			
								037109611B			



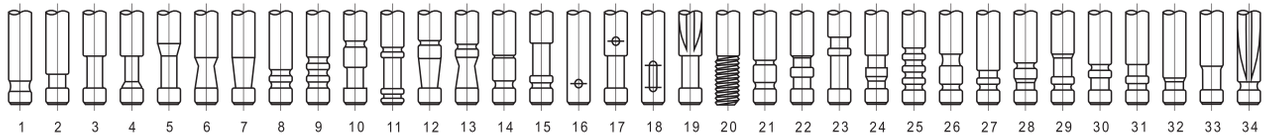
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SKODA BENZYNA											
ENG. AUA, BBY	**Fabia 1.4i 16V**	10/99-5/04	1390 ccm	55 kW (75 PS)	76,5 / 4	IN	PSKO021	036109601S	29,5x6,0x100,9	45	9
ENG. AUB, BBZ	**Fabia 1.4i 16V**	12/99-12/07	1390 ccm	74 kW (101 PS)	76,5 / 4			036109601AD			
ENG. AZQ	**Fabia 1.2i 12V**	3/09-12/04	1198 ccm	47 kW (64 PS)	76,5 / 3			036109601AK			
ENG. BLF	**Octavia 1.6 FSI 16V**	2/04-10/08	1598 ccm	85 kW (116 PS)	76,5 / 4	EX	PSKO022	036109611K	26,0x6,0x100,5	45	9
ENG. BME	**Fabia 1.2i 12V**	3/09-12/07	1198 ccm	47 kW (64 PS)	76,5 / 3			036109611AE			
	Roomster 1.2i 12V	5/06-1/07									
ENG. AXP, BCA	**Octavia 1.4i 16V**	8/00-12/10	1390 ccm	55 kW (75 PS)	76,5 / 4						
ENG. BKY	**Fabia 1.4i 16V**	5/04-12/07	1390 ccm	55 kW (75 PS)	76,5 / 4						
ENG. BUD	**Fabia 1.4 FSI 16V**	5/06-12/07	1390 ccm	59 kW (80 PS)	76,5 / 4						
	Octavia 1.4 FSI 16V	5/06 →									
ENG. BTS	**Fabia 1.6i 16V**	4/07-3/10	1598 ccm	77 kW (105 PS)	76,5 / 4						
	Fabia Scout 1.6i 16V	5/09-3/10									
	Roomster 1.6i 16V	5/06-3/10									
ENG. BXW	**Fabia 1.4i 16V**	1/07-3/10	1390 ccm	63 kW (86 PS)	76,5 / 4						
	Fabia Scout 1.4i 16V	5/09-3/10									
	Praktik 1.4 16V	8/07 →									
	Roomster 1.4i 16V	5/06-3/10									
ENG. BZG	**Fabia 1.2i 12V**	3/09-5/09	1198 ccm	51 kW (69 PS)	76,5 / 3						
	Praktik 1.2 12V	8/07 →									
	Roomster 1.2i 12V	1/07-3/09									
ENG. CAVE	**Fabia 1.4 FSI 16V**	5/10 →	1390 ccm	132 kW (180 PS)	76,5 / 4						
ENG. CAXA	**Octavia 1.4 FSI 16V**	11/08 →	1390 ccm	90 kW (122 PS)	76,5 / 4						
	Yeti 1.4i 16V	6/10 →									
ENG. CAXC	**Superb 1.4 TFSI 16V**	8/08 →	1390 ccm	92 kW (125 PS)	76,5 / 4						
ENG. CEVA	**Fabia 1.2i 12V**	3/09-9/10	1198 ccm	51 kW (69 PS)	76,5 / 3						
ENG. CGGA	**Octavia 1.4 SRE 16V**	11/10 →	1390 ccm	59 kW (80 PS)	76,5 / 4						
ENG. CGPA	**Fabia 1.2i 12V**	3/09 →	1198 ccm	51 kW (69 PS)	76,5 / 3						
	Praktik 1.2 12V	8/07 →									
	Roomster 1.2i 12V	3/09 →									
ENG. CHTA	**Fabia 1.2i 12V**	3/09-3/09	1198 ccm	51 kW (69 PS)	76,5 / 3						
ENG. CGGB	**Fabia 1.4 FSI 16V**	3/10 →	1390 ccm	63 kW (85 PS)	76,5 / 4						
	Fabia Scout 1.4i 16V	3/10-3/10									
	Roomster 1.4i 16V	3/10 →									



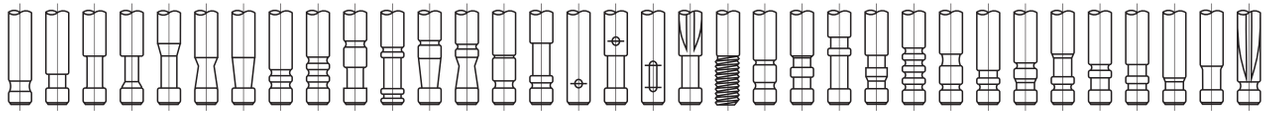
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SKODA BENZYNA											
ENG. AER	**Fabia 1.0i**	99→	999 ccm	37 kW (50 PS)	67,1 / 4	IN	PSKO029	030109601AG	31,0x7,0x94,7	45	9
						EX	PSKO030	030109611N	26,0x7,0x94,4	45	9
ENG. AFH	**Fabia 1.4i 16V**	99→	1390 ccm	74 kW (101 PS)	76,5 / 4	IN	PSKO031	036109601P	29,5x6,0x97,9	45	9
						EX	PSKO032	036109611L	26,0x6,0x97,3	45	9
ENG. CCSA	**Octavia 1.6 SRE**	11/07-5/10	1598 ccm	75 kW (102 PS)	76,5 / 4	IN	PSKO038	06B109601B	39,5x6,0x93,9	45	9
ENG. AVU, BFQ, BGU	**Octavia 1.6i**	8/00-12/10	1595 ccm	75 kW (102 PS)	81 / 4			06B109601D			
ENG. BSE, BSF	**Octavia 1.6i**	5/05→	1595 ccm	75 kW (102 PS)	81 / 4			06B109601H			
ENG. CMXA	**Octavia 1.6 SRE**	5/10→	1595 ccm	75 kW (102 PS)	81 / 4	EX	PSKO039	06B109611B	33,0x6,0x93,9	45	9
ENG. CHGA	**Octavia 1.6 LPG**	8/09→	1598 ccm	75 kW (102 PS)	81 / 4			06B109611C			
ENG. BLR, BLX, BLY	**Octavia 2.0 FSI 16V**	11/04-11/05	1984 ccm	110 kW (150 PS)	82,5 / 4	IN	PSKO040	06D109601K	33,8x6,0x104,0	45	9
ENG. BVX, BVY, BVZ	**Octavia 2.0 FSI 16V**	11/05-10/08	1984 ccm	110 kW (150 PS)	82,5 / 4			06E109601E			
								06E109601F			
						EX	PSKO041	06D109611K	28,0x6,0x101,9	45	9
								06D109611L			
ENG. AWY, BMD	**Fabia 1.2i**	7/01-12/07	1198 ccm	40 kW (54 PS)	76,5 / 3	IN	PSKO047	032109601L	34,4x6,0x99,1	45	9
ENG. BBM	**Fabia 1.2i**	12/06-5/09	1198 ccm	44 kW (60 PS)	76,5 / 3			032109601M			
ENG. CHFA	**Fabia 1.2i**	3/09→	1198 ccm	44 kW (60 PS)	76,5 / 3	EX	PSKO048	030109611T	28,0x6,0x99,2	45	9
								03D109611A			
								032109611L			
								032109611M			
ENG. CBZA	**Fabia 1.2i**	3/10→	1198 ccm	63 kW (85 PS)	71 / 4	IN	PSKO053	03F109601A	35,5x6,0x98,7	45	9
	Fabia Scout 1.2i	3/10→				EX	PSKO054	03F109611B	30,0x6,0x98,4	45	9
	Rapid 1.2 TSI	3/12→						03F109611C			
	Roomster 1.2i	3/10→									
ENG. CBZB	**Fabia 1.2i**	3/10→	1198 ccm	77 kW (105 PS)	71 / 4						
	Fabia Scout 1.2i	3/10→									
	Octavia 1.2 TSI	2/10-2/13									
	Rapid 1.2 TSI	10/12→									
	Roomster 1.2i	03/10→									
	Yeti 1.2i 16V	9/09→									



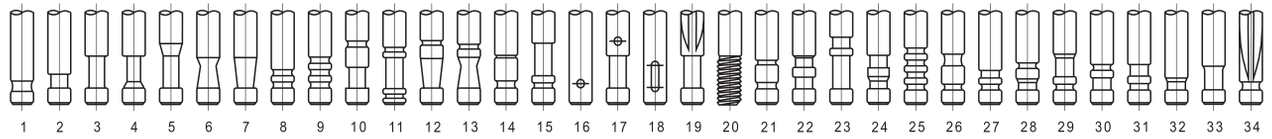
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SKODA DIESEL											
ENG. AGR, ALH	**Octavia 1.9 TDI**	10/96→	1896 ccm	66 kW (90 PS)	79,5 / 4	IN	PSKO023	028109601D	36,0x7,0x96,85	45	9
ENG. AHF.	**Octavia 1.9 TDI**	8/97→	1896 ccm	81 kW (110 PS)	79,5 / 4			028109601K			
	Fabia 1.9 TDI	99→						1079769			
ENG. ASV	**Octavia 1.9 TDI**	8/00→	1896 ccm	81 kW (110 PS)	79,5 / 4	EX	PSKO024	028109611G	31,5x7,0x96,8	45	9
								1049788			
ENG. AEF	**Felicia 1.9 D**	10/95-8/01	1896 ccm	47 kW (64 PS)	79,5 / 4	IN	PSKO025	028109601J	36,0x7,0x96,5	45	9
ENG. ASY	**Fabia 1.9 SDI**	11/99-3/08	1896 ccm	47 kW (64 PS)	79,5 / 4	EX	PSKO026	028109611K	31,5x7,0x96,3	45	9
ENG. AQM	**Octavia 1.9 SDi**	8/00-12/03	1896 ccm	50 kW (68 PS)	79,5 / 4						
ENG. AGP	**Octavia 1.9 SDi**	5/97→	1896 ccm	50 kW (68 PS)	79,5 / 4						
ENG. ATD	**Fabia 1.9 TDI**	1/00-10/05	1896 ccm	74 kW (101 PS)	79,5 / 4	IN	PSKO027	038109601B	35,9x7,0x89,9	45	9
	Octavia 1.9 TDI	8/00-1/06						1100679			
ENG. AVB	**Superb 1.9 TDI**	6/02-10/05	1896 ccm	74 kW (101 PS)	79,5 / 4	EX	PSKO028	038109611B	31,5x7,0x90,0	45	9
ENG. ASZ	**Fabia 1.9 TDI**	6/03-10/05	1896 ccm	96 kW (130 PS)	79,5 / 4			038109611F			
	Octavia 1.9 TDI	9/02-9/04									
ENG. AVF, AWX	**Superb 1.9 TDI**	12/01-3/08	1896 ccm	96 kW (130 PS)	79,5 / 4						
ENG. AMF	**Fabia 1.9 TDI**	4/03-10/05	1422 ccm	55 kW (75 PS)	79,5 / 3						
ENG. BLT	**Fabia 1.9 TDI**	10/05-4/07	1896 ccm	96 kW (130 PS)	79,5 / 4						
ENG. AEF	**Felicia 1.9 D**	10/95-8/01	1896 ccm	47 kW (64 PS)	79,5 / 4	IN	PSKO033	069109601F	36,0x8,0x95,1	45	9
ENG. AGP	**Felicia 1.9 SDi**	5/97→	1896 ccm	50 kW (68 PS)	79,5 / 4	EX	PSKO034	074109611	31,1x8,0x95,5	45	9
						EX	PSKO035	068109611L	31,1x8,0x95,0	45	9
								068109611M			
ENG. AEF	**Felicia 1.9 D**	10/95-8/01	1896 ccm	47 kW (64 PS)	79,5 / 4	IN	PSKO036	028109601B	36,0x7,0x95,5	45	9
						EX	PSKO037	028109611B	31,5x7,0x95,6	5	9
								028109611E			
ENG. AZV	**Octavia 2.0 TDI 16V**	2/04-5/10	1968 ccm	100 kW (136 PS)	81 / 4	IN	PSKO049	03G109601A	29,4x6,0x88,5	45	9



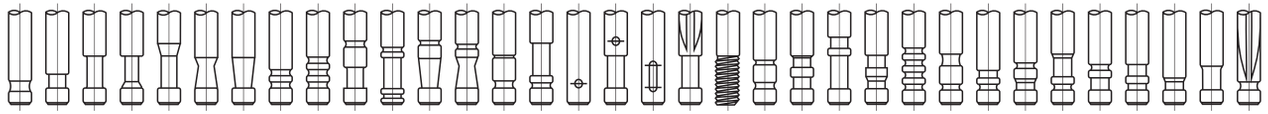
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SKODA DIESEL											
ENG. BKD	**Octavia 2.0 TDI 16V**	2/04-5/10	1968 ccm	103 kW (140 PS)	81 / 4	EX	PSKO050	03G109611B	25,5x6,0x88,2	45	9
	Superb 2.0 TDI 16V	1/09-3/10				IN	PSKO042	03G109601B	29,2x6,0x87,8	45	9
ENG. BMN	**Octavia 2.0 TDI 16V**	4/06-5/08	1968 ccm	125 kW (170 PS)	81 / 4			MN980080 68001582AA			
						EX	PSKO043	03G109611D MN980081 68001583AA	25,5x6,0x87,5	45	9
ENG. BDG	**Superb 2.5 TDI 24V**	8/03-3/08	2496 ccm	120 kW (163 PS)	78,3 / 6	IN	PSKO045	059109601F	27,1x6,0x100,5	45	9
						EX	PSKO046	059109611G	24,1x6,0x100,5	45	9
									Odległość zamka 8,3 [mm]	-	
ENG. AYM	**Superb 2.5 TDI 24V**	12/01-8/03	2496 ccm	114 kW (155 PS)	78,3 / 6	IN	PSKO051	059109601C 059109601B	27,0x6,0x100,5	45	9
						EX	PSKO052	059109611C 059109611B	24,0x6,0x100,5	45	9
ENG. CAYA	**Fabia II (542) 1.6 TDI**	04/10 - 12/14	1598 ccm	55 kW (75 PS)	4	IN	PSKO055	03L109601A	26,5x6,0x99,3	45	9
	Fabia II Combi (545) 1.6 TDI	04/10 - 12/14				EX	PSKO056	03L109611A	24,5x6,0x99,1	45	9
ENG. CAYB	**Fabia II (542) 1.6 TDI**	03/10 - 12/14	1598 ccm	66 kW (90 PS)	4						
	Fabia II Combi (545) 1.6 TDI	03/10 - 12/14									
	Rapid (NH3) 1.6 TDI	08/13→									
	Rapid Spaceback (NH1) 1.6 TDI	08/13→									
	Roomster (5J) 1.6 TDI	03/10 - 05/15									
	Roomster Praktik (5J) 1.6 TDI	03/10 - 05/15									



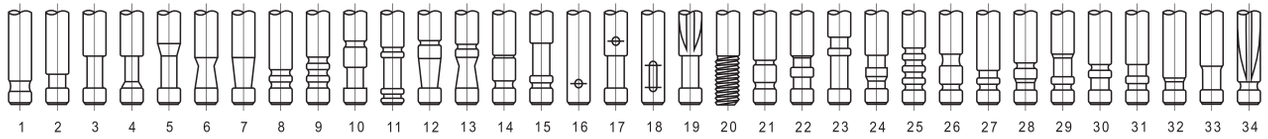
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SKODA DIESEL											
ENG. CAYC	**Fabia II (542) 1.6 TDI**	03/10 - 12/14	1598 ccm	77 kW (105 PS)	4	IN	PSKO055	03L109601A	26,5x6,0x99,3	45	9
	Fabia II Combi (545) 1.6 TDI	03/10 - 12/14				EX	PSKO056	03L109611A	24,5x6,0x99,1	45	9
	Octavia II (1Z3) 1.6 TDI	06/09 - 04/13									
	Octavia II Combi (1Z5) 1.6 TDI	06/09 - 04/13									
	Octavia II Combi (1Z5) 1.6 TDI 4x4	06/09 - 02/13									
	Roomster (5J) 1.6 TDI	03/10 - 05/15									
	Superb II (3T4) 1.6 TDI	09/10 - 05/15									
	Superb II Estate (3T5) 1.6 TDI	09/10 - 05/15									
	Yeti (5L) 1.6 TDI	11/10 - 05/15									
ENG. CFWA	**Fabia II (542) 1.2 TDI**	05/10 - 12/14	1199 ccm	55 kW (75 PS)	3						
	Fabia II Combi (545) 1.2 TDI	05/10 - 12/14									
	Roomster (5J) 1.2 TDI	03/10 - 05/15									
	Roomster Praktik (5J) 1.2 TDI	03/10 - 05/15									
ENG. CLHA	**Octavia III (5E3, NL3, NR3) 1.6 TDI**	11/12→	1598 ccm	77 kW (105 PS)	4						
	Octavia III (5E3, NL3, NR3) 1.6 TDI 4x4	09/14→									
	Octavia III Combi (5E5) 1.6 TDI	11/12→									
	Octavia III Combi (5E5) 1.6 TDI 4x4	11/12→									
ENG. CLHB	**Octavia III (5E3, NL3, NR3) 1.6 TDI**	11/12→	1598 ccm	66 kW (90 PS)	4						
	Octavia III Combi (5E5) 1.6 TDI	11/12→									



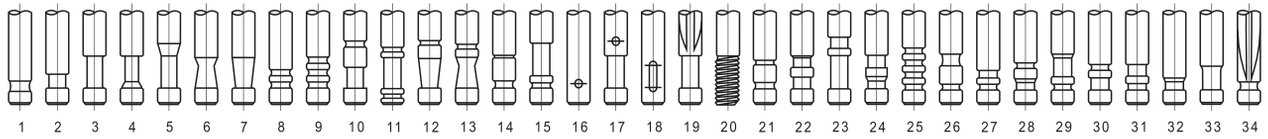
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SKODA DIESEL											
ENG. AMF	**Fabia I (6Y2) 1.4 TDI**	04/03 - 03/08	1422 ccm	55 kW (75 PS)	3	IN	PSKO059	038109601E	36,0x7,0x89,5	45	9
	Fabia I sedan (6Y3) 1.4 TDI	04/03 - 12/07				EX	PSKO060	038109611E	31,5x7,0x89,0	45	9
	Fabia I Combi (6Y5) 1.4 TDI	04/03 - 12/07									
ENG. AXR	**Roomster (5J) 1.9 TDI**	03/06 - 05/06	1896 ccm	74 kW (100 PS)	4						
	Fabia I (6Y2) 1.9 TDI	01/00 - 03/08									
	Fabia I sedan (6Y3) 1.9 TDI	01/00 - 12/07									
	Fabia I Combi (6Y5) 1.9 TDI	04/00 - 12/07									
	Octavia I (1U2) 1.9 TDI	10/05 - 12/10									
	Octavia I Combi (1U5) 1.9 TDI	08/00 - 12/10									
ENG. BLS	**Octavia II (1Z3) 1.9 TDI**	06/04 - 12/10	1896 ccm	77 kW (105 PS)	4						
	Roomster (5J) 1.9 TDI	09/06 - 03/10									
	Fabia II (542) 1.9 TDI	04/07 - 03/10									
	Fabia II Combi (545) 1.9 TDI	10/07 - 03/10									
ENG. BMM	**Octavia II (1Z3) 2.0 TDI**	11/05 - 05/10	1968 ccm	103 kW (140 PS)	4						
	Octavia II Combi (1Z5) 2.0 TDI	11/05 - 05/10									
	Octavia II Combi (1Z5) 2.0 TDI 4x4	07/06 - 05/10									
ENG. BMP	**Superb II (3T4) 2.0 TDI**	03/08 - 05/10	1968 ccm	103 kW (140 PS)	4						
	Superb II kombi (3T5) 2.0 TDI	10/09 - 03/10									



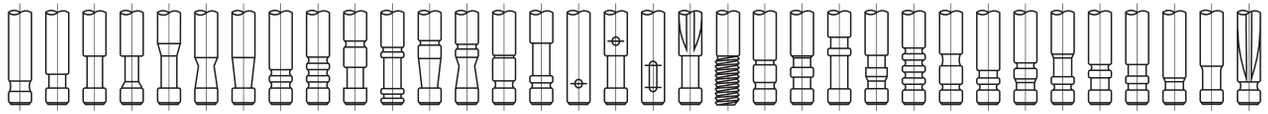
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SMART BEZYNA											
ENG. M 160 R3	**City Cabrio 600i Turbo**	10/98→	599 ccm	33-40 kW (45-54 PS)	66,5 / 3	IN	PSMA001	1600530001	30,0x6,0x89,3	45	1
	City Coupe 600i	7/98-1/04				EX	PSMA002	1600500027	25,0x6,0x89,3	45	1
	Crossblade 600i	10/02→									
	Fortwo City Coupe 600i Turbo	2/04→									
	Passion 600i Turbo	1/99→									
	Pulse 600i Turbo	10/98→									
	Pure 600i Turbo	10/98→									
ENG. M 160.910/0.7L (37 kW)	**City Cabrio 700i Turbo**	1/03-1/04	698 ccm	37-45 kW (50-61 PS)	66,5 / 3						
	Fortwo City Cabrio 700i	2/04→									
	Fortwo City Coupe 700i	11/00→									
	Roadster 700i	4/03→									
ENG. 0.7L (47 kW)	**Forfour 700i**		698 ccm	47 kW (64 PS)	66,5 / 3						



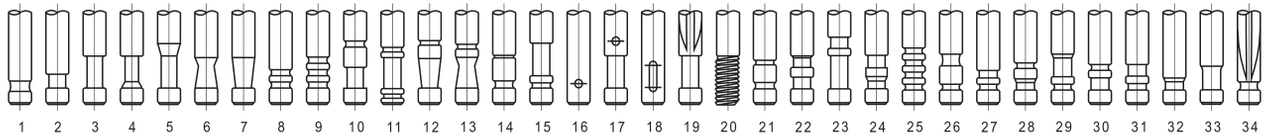
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SMART DIESEL											
ENG. OM 660.914	**Fortwo City Cabrio 800 CDi**	11/99 →	799 ccm	30 kW (41 PS)	65,5 / 3	IN	PSMA005	6600530101 6600530201	27,5x6,0x91,3	45	9
	Fortwo City Coupe 800 CDI	11/99 →	799 ccm	30 kW (41 PS)	65,5 / 3	EX	PSMA006	6600530005	25,4x6,0x91,2	45	9
ENG. OM 639.939	**Forfour 1.5 DCI 12V**	3/04 →	1493 ccm	50-70 kW (68-95 PS)	83 / 3	IN	PSMA007	6420530401 MN960088 05175396AA	28,6x6,0x102,2	45	9
						EX	PSMA008	6420500527 MN960089 05175397AA	25,4x6,0x102,2	45	9



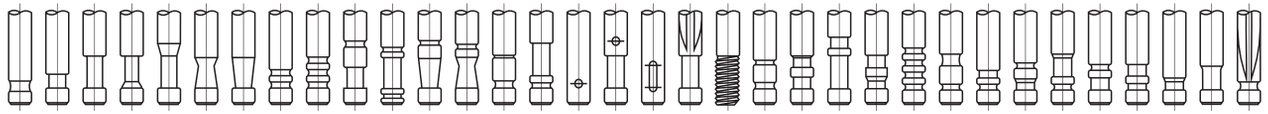
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SPERANZA / CHERY											
ENG. A21						IN	PSPE001	480E-1007011	32,7x6,0x108,0	45	9
						EX	PSPE002	480EF1007012	28,0x6,0x106,4	45	9
ENG. A11						IN	PSPE003	481H-1007011BA	42,0x8,0x134,7	45	9
						EX	PSPE004	481H-1007012BA	37,0x8,0x131,8	45	9



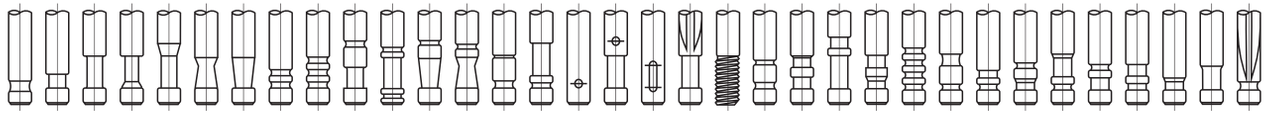
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SSANGYONG BENZYNA											
ENG. M 104.942	**Chairman 2.8i 24V**	10/97 →	2799 ccm	142 kW (193 PS)	89,9 / 6	IN	PSSA001	1040531201	35,0x7,0x101,5	45	1
ENG. M 162.992	**Actyon 3.2i 24V**	3/07 →	3199 ccm	162 kW (220 PS)	89,9 / 6			1040531401			
	Chairman 3.2i 24V	10/97 →						1110531101			
	Korando 3.2i 24V	7/96-12/05						1110532101			
	Musso 3.2i 24V	1/96-12/05						1110532301			
	Rexton 3.2i 24V	9/02 →						1110532401			
	Rodius 3.2i 24V	12/04 →						1110530023			
	Stavic 3.2i 24V	12/04 →				EX	PSSA002	1110501227	31,0x7,0x103,5	45	1
ENG. M 162.996	**Korando 3.2i 24V**	12/96 →	3199 ccm	154 kW (209 PS)	89,9 / 6			1110501427			
ENG. M 161.950	**Korando 2.0i 16V**	7/96 →	1998 ccm	94 kW (128 PS)	89,9 / 6						
	Musso 2.0i 16V	10/96 →									
	Rexton 2.0i 16V	01 →									
ENG. M 161.970	**Chairman 2.3i 16V**	10/97 →	2295 ccm	103-107 kW (140-146 PS)	90,9 / 4						
	Korando 2.3i 16V	7/96 →									
	Musso 2.3i 16V	5/96 →									
	Rexton 2.3i 16V	9/02 →									



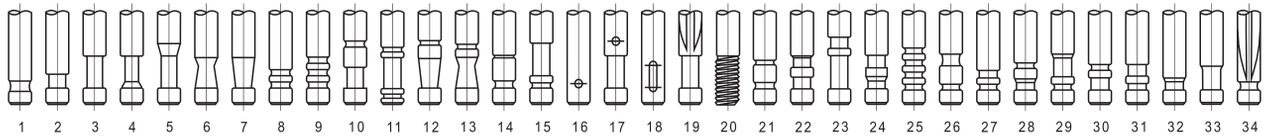
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SSANGYONG DIESEL											
ENG. OM 661.940	**Istana 2.3 D**	7/95 →	2299 ccm	58 kW (79 PS)	89 / 4	IN	PSSA003	6010530401	38,0x8,0x106,4	45	1
	Korando 2.3 D	10/86 →						6010531201			
	Musso 2.3 D	7/93-12/00						6010531501			
ENG. OM 662.940	**Istana 2.9 D**	7/95 →	2874 ccm	70 kW (95 PS)	89 / 5			6010531701			
	Korando 2.9 D	7/96 →				EX	PSSA004	6010500227	35,0x9,0x106,4	45	1
	Musso 2.9 D	7/93-12/00						6010500527			
ENG. OM 602.982	**Korando 2.9 TD**	7/96-12/00	2874 ccm	95 kW (129 PS)	89 / 5			6010501227			
ENG. OM 662.983	**Korando 2.9 TD**	4/98-1/99	2874 ccm	88 kW (120 PS)	89 / 5			6010501927			
	Musso 2.9 TD	7/96 →						6010502127			
	Rexton 2.9 TD	9/02 →						6010502327			
								6010502527			
								6010502827			
								6010503027			
ENG. XD 3P	**Korando 2.5 D**	96-96	2498 ccm	51-58 kW (70-79 PS)	94 / 4	IN	PSSA005	83EM6507BB	42,5x8,5x116,0	45	1
								93500418			
								0948.44			
								0948.49			
								0948.53			
						EX	PSSA006	83EM6505AB	35,5x8,5x116,3	45	1
								93500889			
								0949.45			
								0949.50			



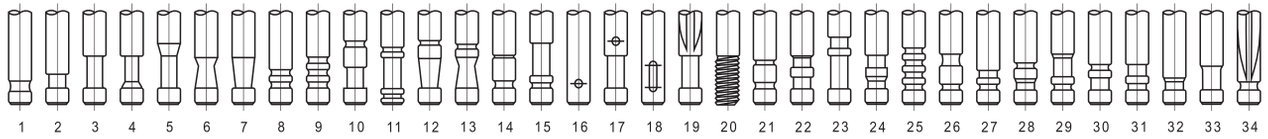
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
STAR STARACHOWICE BENZYNA											
ENG. S-47	**Star 29**		4676 ccm	77,3 kW (105 PS)	95 / 6	IN	PSTA005	301.14.024	44,0x9,0x157,0	45	2
						EX	PSTA006	303.14.007	40,0x9,0x138,5	45	2



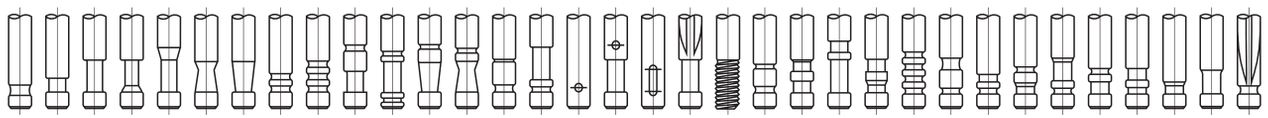
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
STAR STARACHOWICE DIESEL											
ENG. S-359	**Star 200**		6842 ccm	110 kW (150 PS)	110 / 6	IN	PSTA001	359-120-12	48,0x11,0x148,6	45	32
						EX	PSTA002	359-120-13	44,0x11,0x148,6	45	32
ENG. S-53	**Star 28**		6230 ccm	73,6 kW (100 PS)	110 / 5	IN	PSTA003	338-12-005	48,0x10,0x147,0	45	2
						EX	PSTA004	338-12-004	40,0x10,0x147,0	45	2



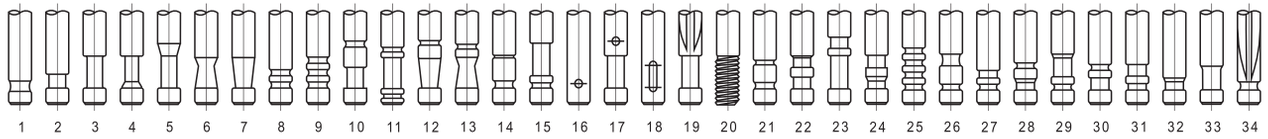
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STEYR-DAIMLER-PUCH BENZYNA											
ENG. M 102.964	**200 GE 4x4**	84→	1997 ccm	80 kW (109 PS)	89 / 4	IN	PSTE005	1020500426 1020531301 1020531601 1020531801 1020531901	43,0x8,0x114,9	45	1
						EX	PSTE006	1020500027 1020500327	39,0x9,0x115,8	45	1
ENG. M 102.981/.998	**230 GE 4x4**	82-84	2299 ccm	92 kW (125 PS)	95,5 / 4	IN	PSTE007	1020500526 1020530801 1020531501 1020531701 1020500326	46,0x8,0x114,9	45	1
ENG. M 102.958/.987	**230 GE 4x4**	84→	2299 ccm	79-92 kW (108-125 PS)	95,5 / 4	EX	PSTE006	1020500027 1020500327	39,0x9,0x115,8	45	1
ENG. M110.994	**280 GE 4x4**	83→	2746 ccm	115 kW (156 PS)	86 / 6	IN	PSTE010	1100500726	45,2x9,0x115,0	45	1
						EX	PSTE011	1170500027 1170500127	39,1x9,0x118,1	45	1



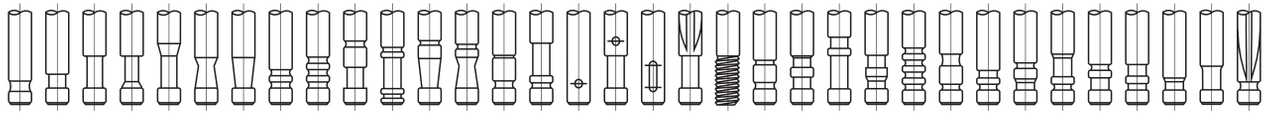
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STEYR-DAIMLER-PUCH DIESEL											
ENG. OM 602.930	**250 GD 4x4**	85 →	2497 ccm	62-69 kW (84-94 PS)	87 / 5	IN	PSTE001	6010530401	38,0x8,0x106,4	45	1
ENG. OM 603.912/913/931	**300 GD**	91 →	2996 ccm	80-83 kW (109-113 PS)	87 / 6	IN	PSTE001	6010531201 6010531501 6010531701	38,0x8,0x106,4	45	1
						EX	PSTE002	6010500227 6010500527 6010501227 6010501927 6010502127 6010502327 6010502527 6010502827 6010503027	35,0x9,0x106,4	45	1
ENG. OM 616.918	**City Bus SC 6 F 65**	1/81-12/84	2399 ccm	35-48 kW (48-65 PS)	90,9 / 4	IN	PSTE003	6160530301	39,8x10,0x131,5	30	20
ENG. OM 616	**240 GD 4x4**	79 →	2399 ccm	53 kW (72 PS)	90,9 / 4	IN	PSTE003	6160530401	39,8x10,0x131,5	30	20
ENG. OM 617	**300 GD 4x4**	79 →	2998 ccm	65 kW (88 PS)	90,9 / 5	EX	PSTE004	6160500027 6160500127 6160500527 6170500027	34,2x10,0x131,0	30	20
ENG. WD 609		62-68	5976 ccm	88-100 kW (120-135 PS)	105 / 6	IN	PSTE018	609F0502	45,0x10,0x149,5	45	1
ENG. WD 610.01/.40/ /.42-44/.50	**430, 870, 1090, 1100, 1100 S, 1108, 1300, 590, 690**		5975 ccm	66-85 kW (90-116 PS)	105 / 6	IN	PSTE018	609F050002	45,0x10,0x149,5	45	1
						EX	PSTE019	61060050002	39,0x10,0x149,5	45	1
ENG. WD 610.18-20	**586, 590.110, 680, 690.110, 690.132, 790.132, 890.132**	70-79	5975 ccm	81-97 kW (110-132 PS)	105 / 6						
ENG. WD 610.60/.68-70/ /.72/.79	**790.150, 790.170, 890.150, 1390.150**	70-78	5975 ccm	110-125 kW (150-170 PS)	105 / 6						
ENG. WD 612.61/.63/.65		77 →	6595 ccm	100-154 kW (136-210 PS)	108 / 6						



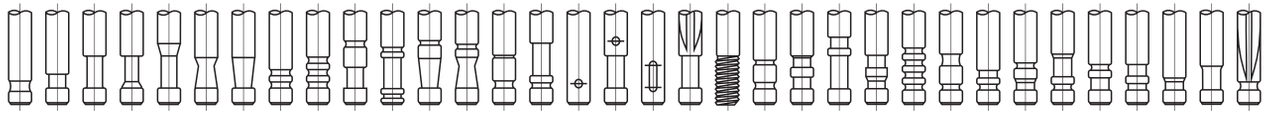
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
STEYR-DAIMLER-PUCH DIESEL											
ENG. WD 311.40	**40, 540, 545, 548, 50, 650, 658, 60, 760, 768, 8045, 8055, 8060, 8065, 8070, 8075, 8080, 8085, 8090, 8100, 8120, 942**	79 →	2592 ccm	35 kW (48 PS)	100 / 3	IN	PSTE020	131100050014 31100050014	42,0x9,0x142,5	45	1
						EX	PSTE021	131100050015 31100050015	37,0x9,0x142,5	45	1
ENG. WD 411.41		79 →	3456 ccm	43 kW (59 PS)	100 / 4						
ENG. WD 611.40		79 →	5184 ccm	63 kW (85 PS)	100 / 6						
ENG. D 0824 FL 01 Euro 1	**6 S 10** **8 S 10**		4580 ccm	66-75 kW (90-102 PS)	108 / 4	IN	PSTE023	51.04101.0425 51.04101.0422	49,0x10,0x136,6	30	1
ENG. D 0824 LFL 01 Euro 1	**8 S 15** **9 S 15**		4580 ccm	114 kW (155 PS)	108 / 4	EX	PSTE024	51.04101.0410 51.04101.0401	42,0x10,0x136,3	45	1
ENG. D 0824 LFL 02 Euro 2	**8 S 16** **9 S 16**		4580 ccm	118 kW (160 PS)	108 / 4			51.04101.0411 51.04101.0480			
ENG. D 0826 LFL 03 Euro 2, D 0826 LFL 06 Euro 1	**8 S 22** **9 S 22**		6871 ccm	162 kW (220 PS)	108 / 6						
ENG. OM 615.942	**City Bus SC 6 F 55**	1/75-12/80	1988 ccm	40 kW (55 PS)	87 / 4	IN	PSTE025	6150530001 6150530101 6150530501	38,8x10,0x131,5	30	20
						EX	PSTE026	6150530105 6150530405 6150530705	33,2x10,0x131,0	30	20



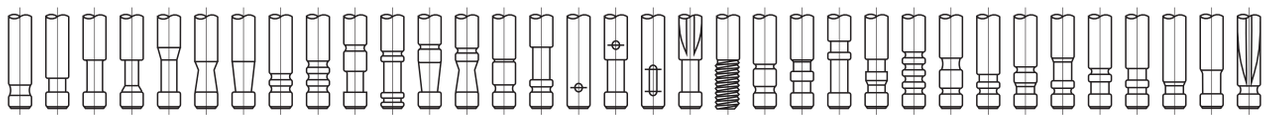
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
STEYR-DAIMLER-PUCH DIESEL											
ENG. OM 606.964	**G 300 TD (Steyr)**	1/98 →	2996 ccm	130 kW (177 PS)	87 / 6	IN	PSTE029	6060530501	29,0x6,0x105,4	45	9
								6060530601			
								6060530701			
						IN	PSTE031	6060531101	29,0x6,0x105,4	45	1
						EX	PSTE032	6060530705	26,0x6,0x105,7	45	1
								6060530605			
						EX	PSTE030	6060530305	26,0x6,0x105,7	45	9
								6060500527			
								6060530105			
						EX	PSTE033	6060501127	26,0x7,0x105,7	45	1
								6060501427			
ENG. WD 411.45	**8075**	1/84-9/94			100 / 4	IN	PSTE034	61160050001	45,0x9,0x142,5	35	1
ENG. WD 411.85	**8080**	1/80-6/85			100 / 4	EX	PSTE035	61160050002	37,0x9,0x142,5	45	1
ENG. WD 611.85	**8080**	79 →			100 / 6						
	8120	9/78-7/84									
ENG. WD 407	**STEYR-DAIMLER- -PUCH DIESEL 3.1**	01/68 -	3077 ccm	38 kW (52 PS)	4/98	IN	PSTE016	4070501	42,0x9,0x142,5	45	33
						EX	PSTE017	4070502	37,0x9,0x142,5	45	33
ENG. WD 408	**STEYR-DAIMLER- -PUCH DIESEL 3.1**	01/68 -	3077 ccm	38 kW (52 PS)	4/98						



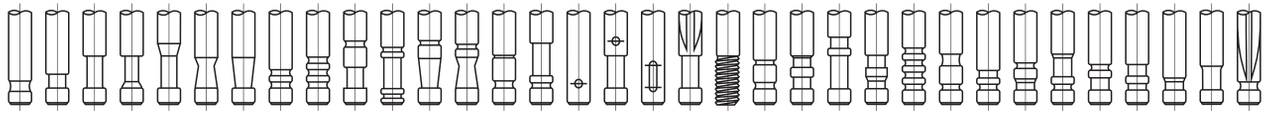
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SUBARU BENZYNA											
ENG. G13BA (Suzuki)	**Justy 1.3i 16V**	95→	1298 ccm		74 / 4	IN	PSUB001	12911-82000 12911-82010 12911A82000	36,0x7,0x115,5	45	1
						EX	PSUB002	12915-82000 12915-82062 12915-82050 12915A82050	30,0x7,0x114,5	45	1
ENG. EJ20	**Impreza 16V**		2000 ccm			IN	PSUB017		36,0x6,0x104,3	45	1
						EX	PSUB018		32,0x6,0x104,7	45	1
ENG. G13B (50 kW)	**Justy 1.3i**	10/95→	1298 ccm		74 / 4	IN	PSUB019	12911-71C00	29,2x5,5x92,2	45	1
ENG. G13BB	**Justy 1.3i 16V**	01→	1298 ccm		74 / 4	IN	PSUB021	MD016460	34,0x6,6x102,0	45	1
						EX	PSUB020	12915-71C50	25,0x5,5x79,9	45	1
						EX	PSUB022	MD016461 MD003788	30,0x6,6x101,0	45	1
ENG. M13A	**Justy G3X 1.3i 16V**	04→	1328 ccm		78 / 4	IN	PSUB023	12911-54G00	30,0x5,5x100,9	45	1
ENG. M15A	**Justy G3X 1.5i 16V**				78 / 4			71742050			
						EX	PSUB024	12915-54G00 12915-54G50 71747245	25,0x5,5x99,0	45	1
ENG. Z 22 XE	**Traviq 2.2i 16V**	8/01→	2198 ccm	106 kW (144 PS)	86 / 4	IN	PSUB027	641022 90412277 4500849	32,0x6,0x102,1	45	9
						EX	PSUB028	641325 90410813 4500864	29,0x6,0x92,2	45	9



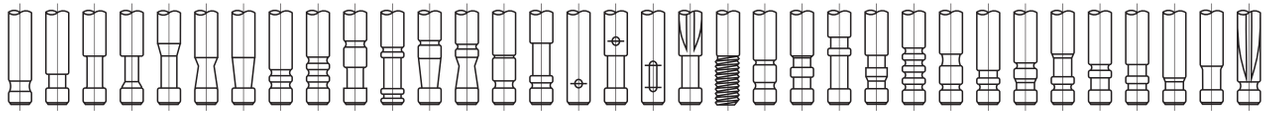
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SUBARU DIESEL											
ENG. Z 13 DT Euro 4	**Justy 1.3 TDI 16V**	12/03 →	1248 ccm	51 kW (69 PS)	69,6 / 4	IN	PSUB025	46518930 55195680 55219965 641072 641077 93186090 12911-85E00	22,0x6,0x109,3	45	9
						EX	PSUB026	46518931 55202685 55208213 641071 641402 93177306 93190438 12915-85E00	2,0x6,0x109,3	45	9
SULZER ..... → **LOKOMOTYWY** ..... **263** ..... → **MARINE (MORSKIE)** **275**											



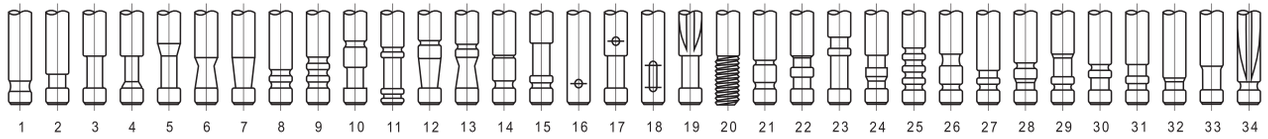
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SUZUKI BENZYNA											
ENG. F10A (33 kW)	**Carry 1.0**	10/85-9/94	970 ccm	33 kW (45 PS)	65,5 / 4	IN	PSUZ005	12911-82000	36,0x7,0x115,5	45	1
	Coupe SC 100 SX	82 →						12911-82010			
	Jimmy 1.0	82-91						12911A82000			
	Samurai 1.0	7/84-12/94				EX	PSUZ006	12915-82000	30,0x7,0x114,5	45	1
	SJ 410	9/81-12/88						12915-82062			
ENG. G10A (37 kW)	**Swift 1.0**	10/84-3/89	993 ccm	37 kW (50 PS)	74 / 3			12915-82050			
ENG. G10A (39 kW)	**Swift 1.0**	10/89-9/95	993 ccm	39-41 kW (53-56 PS)	74 / 3			12915A82050			
ENG. G13A (44 kW)	**Samurai 1.3**	3/87-3/95	1324 ccm	44-47 kW (60-64 PS)	74 / 4						
	SJ 413 1.3	11/84-8/90									
ENG. SY413	**Baleno 1.3 16V**	94 →	1298 ccm	63 kW (68 PS)	74 / 4	IN	PSUZ017	12911-71C00	29,2x5,5x92,2	45	1
ENG. SQ416V	**Grand Vitara 1.6**	97 →	1590 ccm	79 kW (107 PS)	75 / 4	EX	PSUZ018	12915-71C50	25,0x5,5x79,9	45	1
ENG. G13B, G13BB	**Swift 1.3i 16V**	87 →			74 / 4	IN	PSUZ023	12911-86500	29,0x5,5x105,3	45	1
	Baleno 1.3i 16V	95 →				EX	PSUZ024	12915-86500	24,1x5,5x104,5	45	1
ENG. G13BB	**Carry 1.3i 16V**	99 →	1299 ccm		75 / 4						
	Jimny 1.3i 16V	98 →									
	Wagon R+ 1.3i 16V	00 →									
ENG. G16A	**Escudo**	91 →			75 / 4						
ENG. G16B	**Baleno 1.6i 16V**	95 →	1590 ccm		75 / 4						
	Vitara 1.6i 16V	90 →									
	Gran Vitara 1.6i 16V										
ENG. SY416	**Baleno 1.6 16V**	95 →	1590 ccm	70 kW (96 PS)	75 / 4						
ENG. G13B	**Swift GTi 16V**	89 →	1298 ccm		75 / 4						



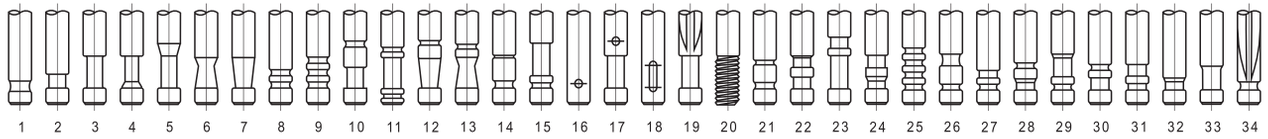
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SUZUKI BENZYNA											
ENG. F5A (21 kW)	**Alto 600**	6/82-12/85	543 ccm	21-25 kW (29-34 PS)	62 / 3	IN	PSUZ019	12911-73000	31,6x7,0x110,2	45	1
	Carry 600	81 →						12911-73001			
	Cervo 600	6/82 →						12911-73010			
	Fronte 600	6/82 →						12911-M73012			
	SS40/41	78 →						12911-84000			
	ST40/41	78 →				EX	PSUZ020	12915-73000	27,6x7,0x109,6	45	1
ENG. F5B (25 kW)	**Alto 600**	7/88 →	543 ccm		62 / 3			12915-73001			
	Cervo 600	7/88 →						12915-73010			
	Fronte 600	7/88 →						12915-M73012			
ENG. LJ50	**Jimmy S J30 4x4**	83 →	539 ccm		61 / 3			12915-84000			
ENG. F8A	**Jimmy LJ80/SJ20**	78 →	797 ccm		62 / 4			12915-84010			
									Odległość zamka + 0,6 [mm]		
						IN	PSUZ029		31,6x7,0x110,2	45	1
						EX	PSUZ030		27,6x7,0x109,6	45	1
Firefly 1.0L	**U.S.A.:**	90-94			3	IN	PSUZ021	96060053	35,0x5,5x84,1	45	1
						EX	PSUZ022	96068991	28,1x5,5x84,1	45	1
ENG. G16K, G16A OHC	**Vitara 1600**	89 →	1590 ccm		75 / 4	IN	PSUZ025	12911-60A10	36,6x7,0x115,5	45	1
	Sidekick (U.S.A.)	89 →				EX	PSUZ026	12915-60A00	32,6x7,0x114,4	45	1
								12915-60A50			
ENG. M13A	**Wagon R+ 1.3i 16V**	04 →	1328 ccm			IN	PSUZ027	12911-54G00	30,0x5,5x100,9	45	1
	Jimmi 1.3i 16V	04 →						71742050			
	Ignis 1.3i 16V	04 →				EX	PSUZ028	12915-54G00	25,0x5,5x99,0	45	1
ENG. M16A	**Liana 1.6i 16V**	04 →	1586 ccm					12915-54G50			
	Sx4 1.6 VVTI 16V	06 →						71747245			
	Vitara 1.6i 16V	05 →									



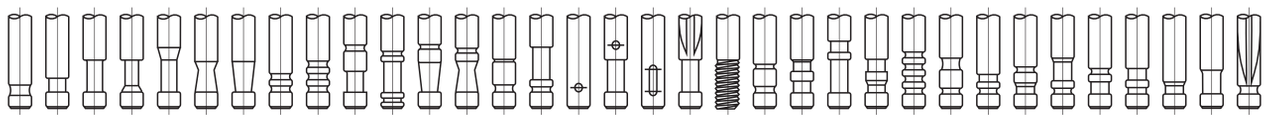
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SUZUKI BENZYNA											
ENG. G13B (49 kW)	Swift 1.3	3/96 →	1299 ccm	49 kW (67 PS)	71 / 4	IN	PSUZ033	MD016460	34,0x6,6x102,0	45	1
						EX	PSUZ034	MD016461	30,0x6,6x101,0	45	1
								MD003788			



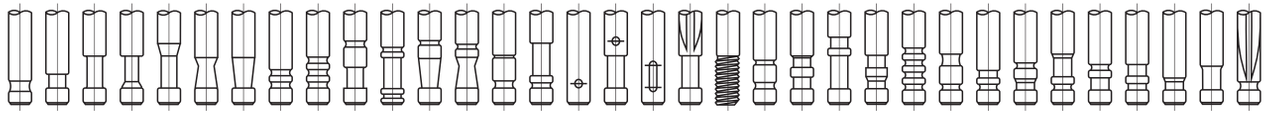
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SUZUKI DIESEL											
EN G. RHZ	**Grand Vitara 2.0 HDI**	11/00 →	1997 ccm	80-81 kW (109-110 PS)	85 / 4	IN	PSUZ001	0948.95 9624774280	35,6x6,0x107,1	45	9
	Vitara 2.0 HDI	11/00 →				EX	PSUZ002	0949.96 9624774580	33,8x6,0x107,1	45	9
ENG. RF (Mazda)	**Vitara 2.0 TD**	94 →	1998 ccm	53 kW (72 PS)	86 / 4	IN	PSUZ003	RF01-12-111	41,0x8,0x107,0	45	1
						EX	PSUZ004	RF01-12-121 RF01-12-121B	36,0x8,0x106,8	45	1
EN G. RHW	**Vitara 2.0 TDi 16V**	02 →	1997 ccm	80 kW (109 PS)	85 / 4	IN	PSUZ007	9635317980 1231931 0948.C0	30,0x6,0x106,2	45	9
	Gran Vitara 2.0 Hdi	7/01 →				EX	PSUZ008	9635318480 1231930 0949.A9	25,0x6,0x106,2	45	9
ENG. Z 13 DT Euro 4	**Ignis 1.3 DDiS**	10/03 →	1248 ccm	51 kW (69 PS)	69,6 / 4	IN	PSUZ009	46518930	22,0x6,0x109,3	45	9
	New Ignis 1.3 DDiS 16V	9/03 →						55195680			
	New Shift 1.3 DDiS 16V	10/04 →						55219965 641072			
	Solio 1.3 DDiS 16V	05 →						641077			
	Swift 1.3 DDiS 16V	8/05 →						93186090			
	Wagon R+ 1.3 DDiS 16V	9/03 →						12911-85E00			
						EX	PSUZ010	46518931	22,0x6,0x109,3	45	9
ENG. Z 13 DTJ Euro 4	**Splash 1.3 DDiS 16V**	4/08 →	1248 ccm	51-55 kW (70-75 PS)	69,6 / 4			55202685 55208213 641071 641402 93177306 93190438 12915-85E00			



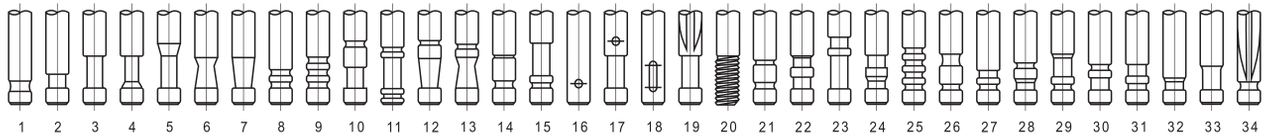
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
SUZUKI DIESEL											
	Gran Vitara 2.0 TD	98 →	1998 ccm		86 / 4	IN	PSUZ011	12911-78E00	39,5x8,0x106,7	30	1
						EX	PSUZ012	12915-78E00	35,0x8,0x106,7	45	1
ENG. K9K 700	**Jimny 1.5 DDiS**		1461 ccm	48-50 kW (65-68 PS)	76 / 4	IN	PSUZ013	7701473184	33,5x6,0x101,0	45	9
ENG. K9K 766	**Jimny 1.5 DDiS**		1461 ccm	63 kW (86 PS)	76 / 4			7701476573			
								13201-BN700			
								13201-00QAN			
						EX	PSUZ014	7701473183	29,0x6,0x100,7	45	9
								7701476572			
								13202-BN700			
								13202-00QAP			
ENG. XUD 9A	**Vitara 1.9 D**	1/95-3/98	1905 ccm	47-52 kW (64-71 PS)	83 / 4	IN	PSUZ015	93510415	38,5x8,0x112,4	45	1
ENG. XUD 9TE	**Baleno 1.9 D**	98 →	1905 ccm	66-68 kW (90-92 PS)	83 / 4			96005391			
	Vitara 1.9 D	98 →						LGH10051			
	Samurai 1.9 D	98 →						LGH10053			
								0948.59			
								0948.63			
								9601136380			
								9630597380			
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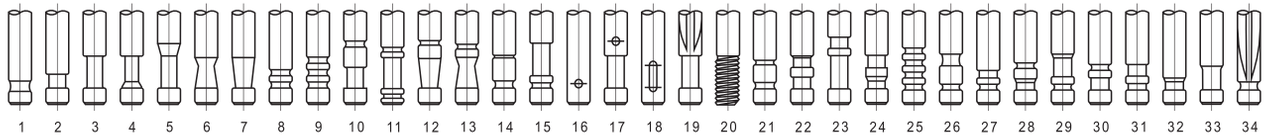
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SUZUKI DIESEL											
ENG. XUD 9A	**Vitara 1.9 D**	1/95-3/98	1905 ccm	47-52 kW (64-71 PS)	83 / 4	EX	PSUZ016	93510773	33,0x8,0x111,9	45	1
ENG. XUD 9TE	**Baleno 1.9 D**	98→	1905 ccm	66-68 kW (90-92 PS)	83 / 4			93510774			
	Vitara 1.9 D	98→						93501280			
	Samurai 1.9 D	98→						93501072			
								95501280			
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								96272853			
								0949.47			
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								0949.64			
								0949.74			
								LGH10052			
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								12915-66G00			
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								50060609			
								6005392			
ENG. D19AA	**SX4 1.9 DDiS 4WD**	5/06-8/09	1910 ccm	88 kW (120 PS)	82/ 4	IN	PSUZ031	46750859	35,5x8,0x115,0	45	9
								46478834			
								55193126			
								60816038			
								641083			
						EX	PSUZ032	46764378	34,5x8,0x115,0	45	9
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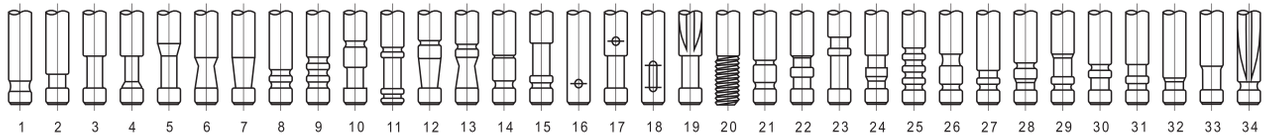
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
SUZUKI DIESEL											
ENG. F9Q	**Gran Vitara 1.9 DDiS**		1870 ccm		80 / 4	IN	PSUZ035	7700110386 7700110387 7701471702 7701476024 7701470251 8200828299 13201-AW300 13201-00QAC 13201-00QAM MW30620685 30889401 4402633 4415921	35,3x7,0x110,9	45	1
						EX	PSUZ036	7700110388 7700110389 7701471703 7701476025 7701476256 7701470252 8200872426 13202-AW300 13202-00QAN MW30620686 90889403 4402634 4415922	32,6x7,0x110,7	45	1



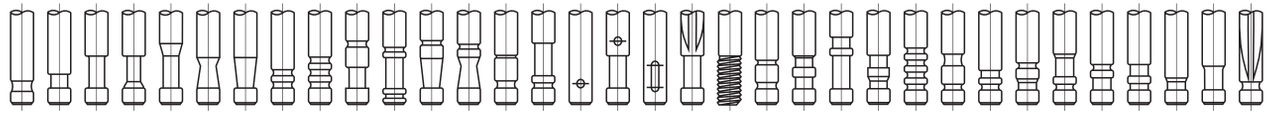
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
TATA DIESEL											
ENG. 483DL	**Sumo TD**	97 →	1948 ccm	66 kW (90 PS)	83 / 4	IN	PTTA001	93510415	38,5x8,0x112,4	45	1
	Safari TD	99 →						96005391			
	Telcoline TD	99 →						LGH10051			
								LGH10053			
								0948.59			
								0948.63			
								9601136380			
								9630597380			
								12911-86CA0			
								12911-66G00			
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								22211-29000			
								50054982			
						EX	PTTA002	93510773	33,0x8,0x111,9	45	1
								93510774			
								93501280			
								93501072			
								95501280			
								96005392			
								96272853			
								0949.47			
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								0949.74			
								LGH10052			



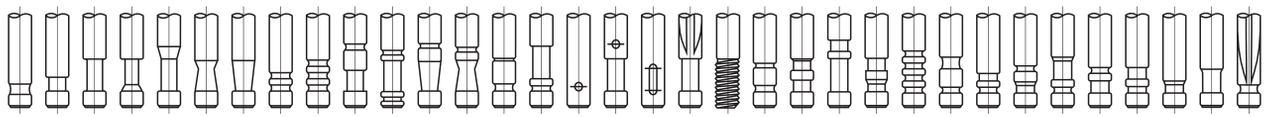
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
TATRA DIESEL											
ENG. T148	**Tatra 148**	72-82	12667 ccm	148,6 kW (202 PS)	120 / 8,12	IN	PTAT001	336-020242	52,0x10,0x135,0	45	3
						EX	PTAT002	336-021261	48,0x10,0x135,0	45	3
ENG. T3-928, T3-929,T3-930	**Tatra 815**	83 →			120 / 8, 10, 12	IN	PTAT003	341.020.240	52,0x10,0x144,0	30	33
						EX	PTAT004	341.020.262	45,0x10,0x144,0	45	33
ENG. MX 300 S Euro 4/5	**Phoenix 410**	11/11 →	12900 ccm	300 kW (408 PS)	130 / 6	IN	PTAT005	1684513	45,5x10,0x169,4	20	1
						EX	PTAT006	1678541	42,5x10,0x168,6	30	1



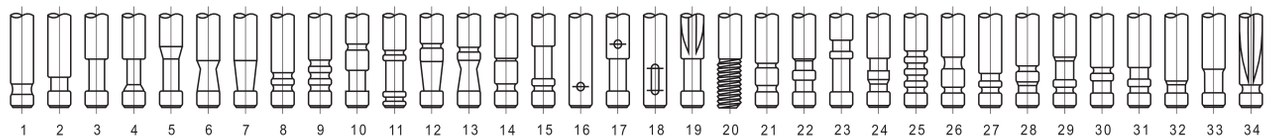
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
TOYOTA BENZYNA											
ENG. 1SZ-FE	**Yaris 1.0**	98 →	998 ccm	50 kW (68 PS)	69 / 4	IN	PTOY007	13711-23030	26,0x5,0x88,2	45	1
ENG. 2SZ-FE	**Yaris 1.3 16V**	02 →	1298 ccm	64 kW (87 PS)	72 / 4			13711-97401			
								13711-0J010			
						EX	PTOY008	13715-23030	22,6x5,0x89,1	45	1
								13715-97401			
								13715-0J010			
ENG. 1E, 1E-L	**Starlet 1.0 12V**	10/84-1/96	999 ccm	40 kW (54 PS)	70,5 / 4	IN	PTOY009	13711-10020	30,0x6,0x92,4	45	1
ENG. 2E	**Conquest 1.3i 16V**	10/88-98	1296 ccm	53-55 kW (72-75 PS)	73 / 4	IN	PTOY010	13712-10010	20,9x6,0x98,6	45	1
	Corolla VII 1.3 12V	7/92-4/95				EX	PTOY011	13715-10030	31,0x6,0x92,3	45	1
	Sprinter 1.3 12V	5/87 →									
	Starlet 1.3 12V	12/89-7/99									
ENG. 2E-E	**Corolla VI 1.3i 12V**	8/89-4/92	1296 ccm	55-60 kW (75-82 PS)	73 / 4						
	Sprinter 1.3 12V	8/89 →									
	Starlet 1.3 12V	12/89-1/96									
ENG. 2E-L, 2E-LC	**Corolla V 1.3**	10/84-4/87	1296 ccm	53-55 kW (72-75 PS)	73 / 4						
	Starlet 1.3	10/84-11/89									
ENG. 3E	**Corolla VI 1.5 12V**	5/86-94	1456 ccm	58-65 kW (79-87 PS)	73 / 4						
	Corona 1.5 12V	12/87-2/92									
	Starlet 1.5 12V	8/86-94									
	Tercel 1.5 12V	8/86 →									
ENG. 3E-E	**Corolla VI 1.5 12V**	88-94	1456 ccm	58 kW (79 PS)	73 / 4						
	Tercel 1.5 12V	8/89 →									
ENG. 2K	**Publica 1000**	69-74	993 ccm	33 kW (45 PS)	72 / 4	IN	PTOY012	13711-24010	36,0x8,0x100,0	45	29
	Starlet 1000	69-74						13711-24020			
ENG. 3K	**Corolla 1200**	69-74	1166 ccm	39-42 kW (53-58 PS)	75 / 4	EX	PTOY013	13715-24010	29,0x8,0x100,0	45	29
	Publica 1200	69-74									
	Starlet 1200	69-74									



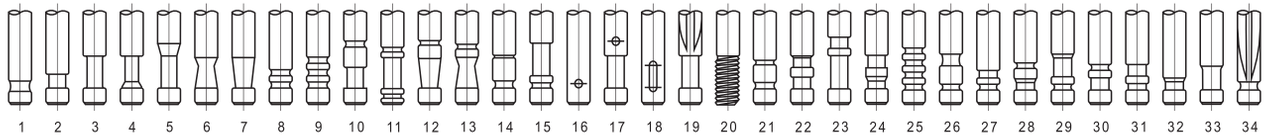
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
TOYOTA BENZYNA											
ENG 5K	**Carina 1500**	83 →	1486 ccm	61 kW (83 PS)	80,5 / 4	IN	PTOY014	13711-24011	36,0x8,0x100,0	45	32
ENG. 3K	**Corolla 1200, Starlet 1200**	74-77	1166 ccm	57 kW (77 PS)	75 / 4	EX	PTOY015	13715-24012 13715-24011	29,0x8,0x100,0	45	2
	HiLux, LiteAce	74-77									
	Publica 1200, Sprinter 1200	74-77									
	Tamarau, TownAce	74-77									
ENG. 4K	**Corolla 1300**	78 →	1290 ccm	43 kW (58 PS)	75 / 4						
	Sprinter 1300, Starlet 1300	78 →									
	Tamarau, LiteAce, TownAce	78 →									
ENG. 3ZZ-FE	**Avensis I 1.6i 16V**	8/00-1/03	1598 ccm	81 kW (110 PS)	79 / 4	IN	PTOY016	13711-22040	31,0x5,5x88,7	45	1
	Avensis II 1.6i 16V	2/03-12/08						13711-OD020			
	Corolla VIII 1.6i 16V	10/99-9/01				EX	PTOY017	13715-22040	26,0x5,5x88,7	45	1
	Corolla IX 1.6i 16V	1/02 →						13715-OD020			
	Corolla Verso IX 1.6i 16V	9/01 →									
ENG. 4ZZ-FE	**Auris 1.4i 16V**	2/07 →	1398 ccm	71 kW (97 PS)	79 / 4						
	Corolla VIII 1.4i 16V	10/99-1/07									
ENG. 2ZZ-GE	**Celica 1.8i 16V VVT**	00 →	1794 ccm		79 / 4						



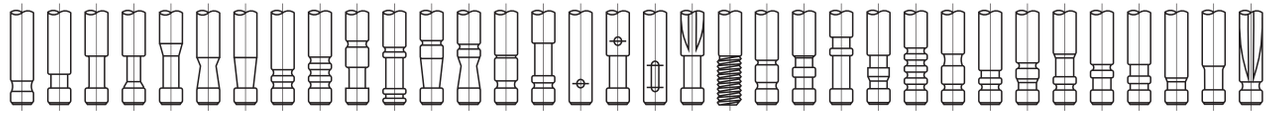
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
TOYOTA BENZYNA											
ENG. 2A	**Corolla 1300, Corsa 1300**	79→	1295 ccm	54 kW (74 PS)	76 / 4	IN	PTOY020	13711-15010 13711-15030	36,0x7,0x107,0	45	1
	Tercel 1300	79→				EX	PTOY021	13715-15010	31,0x7,0x106,5	45	1
ENG. 3A	**Carina 1500, Corolla 1500**	78→	1452 ccm	52 kW (71 PS)	77,5 / 4						
	Corona 1500, Corsa 1500	78→									
	Sprinter 1500, Tercel 1500	78→									
ENG. 4A	**Carina 1600, Celica 1600**	83→	1587 ccm	52-74 kW (71-100 PS)	81 / 4						
	Corolla 1600 16V	83→									
	Sprinter 1600 16V	83→									
ENG. 12R	**Corona 1600, Mark II 1600**	77→	1587 ccm	48 kW (65 PS)	80,5 / 4	IN	PTOY026	13711-31050	40,0x8,0x109,0	45	1
						EX	PTOY027	13715-31070	34,0x8,0x109,0	45	1
	HiAce, HiLux, ToyoAce	77→									
	TownAce	77→									
ENG. 1Y	**TownAce**	83→	1626 ccm	64 kW (86 PS)	86 / 4	IN	PTOY038	13711-71010	40,0x8,0x108,0	45	1
ENG. 2Y	**LiteAce, MasterAce**	83→	1812 ccm	57 kW (78 PS)	86 / 4	EX	PTOY039	13715-71010	36,0x8,0x108,4	45	1
ENG. 3Y	**HiAce, HiLux, MasterAce**	83→	1998 ccm	65 kW (88 PS)	86 / 4						
	TownAce	83→									
ENG. 4YEC (USA)	**Van/Wagon**	84/89	1998 ccm		86 / 4						
ENG. 5R	**Crown, Coaster, Stout,**	78→	1998 ccm	59 kW (80 PS)	88 / 4	IN	PTOY042	13711-44013	43,0x8,5x109,5	45	1
	Dyna, Route, ToyoAce Forklift (U.S.A.)	78→	1998 ccm	59 kW (80 PS)		EX	PTOY043	13715-44013 13715-44022	37,0x8,5x109,7	45	1



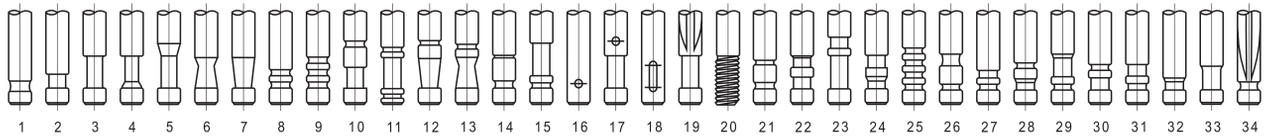
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
TOYOTA BENZYNA											
ENG. 3S-FE	**Funcruiser 2.0 16V DOHC EFI**	4/94-12/99	1998 ccm	69-95 kW (94-129 PS)	86 / 4	IN	PTOY044	13711-74101	32,0x6,0x97,5	45	1
						EX	PTOY045	13715-74100	27,0x6,0x98,4	45	1
ENG. 3S-FE	**Avensis 2.0i 16V**	97→	1998 ccm	94 kW (128 PS)	86 / 4						
	Picnic 2.0i 16V	98→									
	Rav4 2.0i 16V	96→									
	Carina 2.0i 16V	98→									
EN G. 7M-GE	**Supra**	86→	2954 ccm	150 kW (240 PS)	83 / 6	IN	PTOY066	13711-42020	32,0x6,0x98,1	45	1
	Cressida 24V	86→				EX	PTOY067	13715-42010	27,5x6,0x98,1	45	1
ENG. 1NZ-FE	**Yaris (_P1_) 1.5 (NCP13_)**	01/03 - 11/05			4	IN	PTOY018	13711-21010	30,5x5,0x89,3	45	1
						EX	PTOY019	13715-21010	25,5x5,0x88,0	45	1
	Yaris (_P1_) 1.5 (NCP13_)	04/01 - 09/05									
	Yaris (_P1_) 1.5 (NCP13_)	03/00 - 07/05									
	Yaris Verso (_P2_) 1.5 (NCP21_)	03/00 - 09/05									
	Yaris Verso (_P2_) 1.5 (NCP21_)	03/00 - 09/05									
ENG. 1NZ-FXE	**Prius Sedan (_W1_) 1.5 Hybrid (NHW1_)**	05/00 - 01/04	1497 ccm	55 kw (75 PS)	4						
	Prius Liftback (_W2_) 1.5 (Nhw20_)	09/03 - 12/09									
	Yaris (_P13_) 1.5 Hybrid (NHP130_)	04/15→									
	Yaris (_P13_) 1.5 Hybrid (NHP130_)	03/12→									



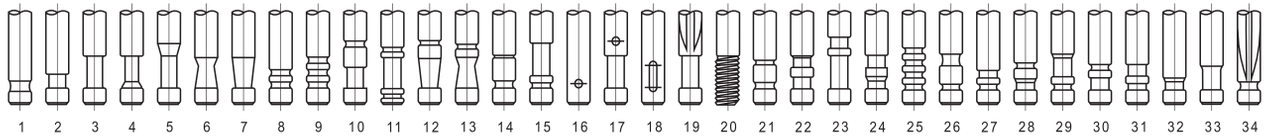
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
TOYOTA BENZYNA											
ENG. 2NZ-FE	**Yaris (_P1_) 1.3 (NCP10_, SCP12_)**	11/99 - 10/05	1299 ccm	63 kw (86 PS)	4	IN	PTOY018	137711-21010	30,5x5,0x89,3	45	1
						EX	PTOY019	13715-21010	25,5x5,0x88,0	45	1
	Yaris Verso(_P2_) 1.3 (NCP20_, NCP22_)	11/02 - 09/05									
	Yaris Verso (_P2_) 1.3 (NCP20_, NCP22_)	08/99 - 10/02									
ENG. 7A-FE	**Avensis (_T22_) 1.8 (AT221_)**	09/97 - 10/00	1762 ccm	92 kw (125 PS)	4	IN	PTOY028	13711-02050 13711-02030	31,0x6,0x87,5	45	1
	Avensis Liftback (_T22_) 1.8 (AT221_)	09/97 - 10/00						13711-15090 13711-16090			
	Avensis Kombi (_ T22_) 1.8 (AT221_)	09/97 - 10/00				EX	PTOY029	13715-16060 13715-15070	24,5x6,0x87,9	45	1
	Carina E (_T19_) 1.8 (AT191)	01/95 - 09/97									
	Carina E sedan(_T19_) 1.8 i 16V (AT191)	01/95 - 09/97									
	Carina E Sportswagon (_T19_) 1.8 i (AT191_)	02/95 - 09/97									
	Celica Coupe (_T20_) 1.8 i 16V (AT200/ST)	11/93 - 11/99									
	Corolla Compact (_ E10_) 1.8 GT (AE102_)	11/92 - 05/95									
	Corolla Compact (_E10_) 1.8 GTi 4WD	11/92 - 04/95									
	Corolla Liftback (_ E10_) 1.8 GT (AE102_)	11/92 - 05/95									
	Corolla Kombi(_E10_) 1.8 16V 4WD (AE103_)	09/95 - 04/97									
	Corolla Kombi (_E11_) 1.8 4WD (AE115_)	04/97 - 10/01									



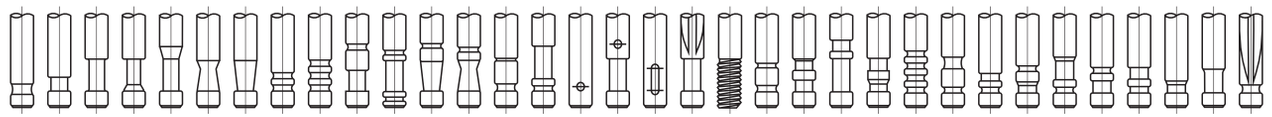
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
TOYOTA BENZYNA											
ENG. 2UZ-FE	**Land Cruiser 100 (_J1_) 4.7 (UZJ100_)**	01/98 - 08/07	4664 ccm	173 kw (235 PS)	4	IN	PTOY106	13711-50060	34,5x5,5x95,1	45	1
						EX	PTOY107	13715-50070	29,0x5,5x95,1	45	1
	Land Cruiser 100 (_J1_) 4.7 (UZJ100)	02/02 - 08/07									
	Land Cruiser 100 (_J1_) 4.7 (UZJ100)	01/08 →									
ENG. 1AZ-FE	**Avensis Verso (_M2_) 2.0 (ACM20_)**	08/01 - 11/09	1998 ccm	100 kw (136 PS)	4	IN	PTOY109	13711-28010 13711-28030	34,0x5,5x101,7	45	1
	Avensis Kombi (_T25_) 2.0 VVTi (AZT250_)	04/03 - 11/08				EX	PTOY108	13715-28040	29,4x5,5x101,1	45	1
	RAV 4 II (_A2_) 2.0 4WD (ACA21, ACA20)	05/00 - 11/05									
	RAV 4 III (_A3_) 2.0 4WD (ACA30_)	02/06 - 06/13									
ENG. 1AZ-FSE	**Avensis (_T25_) 2.0 (AZT250_)**	03/03 - 11/08	1999 ccm	92 kw (125 PS)	4						
	Avensis sedan (_ T25_) 2.0 (AZT250_)	04/03 - 11/08									
	Avensis Kombi (_ T25_) 2.0 (AZT250_)	04/03 - 11/08									



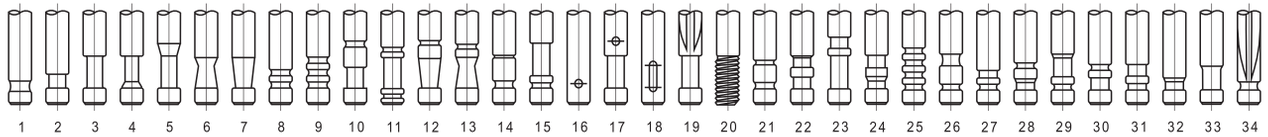
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
TOYOTA DIESEL											
ENG. 2C	**Camry 2.0 D**	5/84 →	1974 ccm	53-54 kW (72-73 PS)	86 / 4	IN	PTOY001	13711-64030	38,5x8,0x105,7	45	1
	Carina II 2.0 D	12/87-1/92						13711-64011			
	Carina E 2.0 D	3/92-1/96				EX	PTOY002	13715-64040	32,5x8,0x105,3	45	1
	Corolla VII 2.0 D	7/92-4/97						13715-64012			
	Corona 2.0 D	10/83-11/87									
	LiteAce 2.0 D	8/88-1/95									
	Model F 2.0 D	5/83-7/88									
	Sprinter 2.0 D	8/89 →									
ENG. 2C-T	**Camry 2.0 TD**	12/86-5/91	1974 ccm	61-67 kW (83-91 PS)	86 / 4						
	Carina II 2.0 TD	10/94-10/97									
	Carina E 2.0 TD	1/96-10/97									
	Vista 2.0 TD	8/90-94									
	Windom 2.0 TD	9/91 →									
ENG. 3C-TE	**Caldina 2.2 TD**	97-3/02	2184 ccm	94 kW (128 PS)	86 / 4						
	Camry 2.2 TD	7/94 →									
	Corona/Gaia 2.2 TD	6/99 →									
	Ipsum 2.2 TD	95-01									
	Picnic 2.2 TD	8/98-12/01									
	Vista 2.2 TD	7/94-7/03									



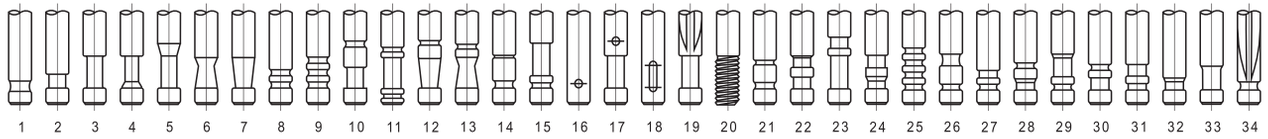
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
TOYOTA DIESEL											
ENG. 2L	**Blizzard 2.4 D**	7/84 →	2466 ccm	53-62 kW (72-85 PS)	92 / 4	IN	PTOY003	13711-17010	42,5x8,0x103,5	45	1
	Chaser 2.4 D	8/88 →						13711-54020			
	Cressida 2.4 D	8/84-8/98				EX	PTOY004	13715-17010	36,1x8,0x103,5	45	1
	Cresta 2.4 D	3/80 →						13715-54040			
	Crown 2.4 D	8/83 →							Grubość grzybka +0,50 [mm]		
	Dyna 100 2.5 D	8/85-5/95									
	Dyna 150 2.5 D	8/85-8/88				IN	PTOY096		42,5x8,0x103,5	45	1
	HiAce 2.4 D	8/85 →				EX	PTOY097		36,1x8,0x103,5	45	1
	HiLux 2.4 D	78-11/89									
	Land Cruiser 2.4 D	11/84-3/90									
	Mark II 2.4 D	85-94									
	Prado 2.4 D	11/84-3/90									
	ToyoAce 2.4 D	8/83-7/95									
ENG. 2L-II	**Cresta 2.4 D**	3/88 →	2466 ccm	62 kW (84 PS)	92 / 4						
	HiAce 2.4 D	8/89-7/95									
	HiLux 2.4 D	8/88-8/97									
ENG. 3L	**Dyna 150 2.8 D**	8/88-5/95	2799 ccm	67 kW (91 PS)	92 / 4						
	HiAce 2.8 D	8/88-8/97									
	Land Cruiser 2.8 D	5/96-9/02									
	Prado 2.8 D	4/90-9/02									
	4-Runner 2.8 D	90-95									



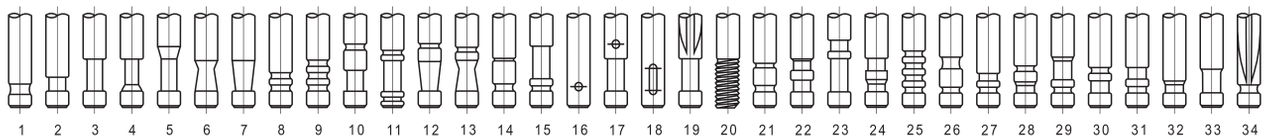
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
TOYOTA DIESEL											
ENG. 1WZ	**Corolla VIII 1.9 D**	99 →	1868 ccm	51 kW (69 PS)	82,2 / 4	IN	PTOY005	93510415	38,5x8,0x112,4	45	1
								96005391			
								LGH10051			
								LGH10053			
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								12832-66G00			
								22211-29000			
								50054982			
						EX	PTOY006	93510773	33,0x8,0x111,9	45	1
								93510774			
								93501280			
								93501072			
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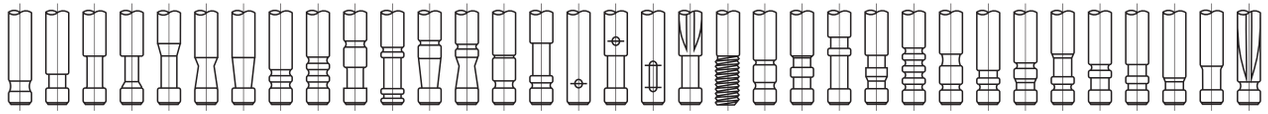
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
TOYOTA DIESEL											
ENG. 1WZ	**Corolla VIII 1.9 D**	99 →	1868 ccm	51 kW (69 PS)	82,2 / 4	EX	PTOY006	LGH10054 LGH10075 9613736280 9751669380 12915-86CA0 12915-66G00 22212-29000 50060609 6005392	33,0x8,0x111,9	45	1
ENG. 1C	**Carina I 1.8 D**	4/82-9/83	1839 ccm	43-48 kW (58-65 PS)	83 / 4	IN	PTOY080	13711-64010	38,5x8,0x106,5	45	1
	Corolla VI 1.8 D	5/87-4/92				EX	PTOY081	13715-64010	32,5x8,0x106,3	45	1
	Corona 1.8 D	12/86-11/91									
	LiteAce 1.8 D	10/82-8/88									
ENG. 1C-L	**Corolla V 1.8 D**	5/83-4/87	1839 ccm	42-50 kW (57-68 PS)	83 / 4						
	Sprinter 1.8 D	5/83 →									
ENG. 1C-TL	**Camry 1.8 TD**	8/83-8/85	1839 ccm		83 / 4						
	Vista 1.8 TD	8/83-8/85									



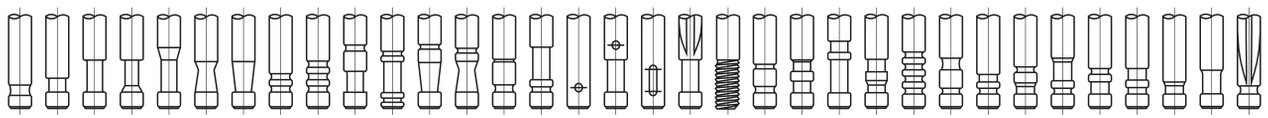
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
TOYOTA DIESEL											
ENG. L	**Blizzard 2.2 D**	3/80 →	2188 ccm	47-53 kW (64-72 PS)	90 / 4	IN	PTOY082	13711-54010	42,5x8,5x123,0	45	9
	Cressida 2.2 D	9/80-7/84				EX	PTOY083	13715-54010	35,0x8,5x123,0	45	9
	Crown 2.2 D	9/79-7/93						13715-54020			
	HiAce 2.2 D	11/82-7/85									
	HiLux 2.2 D	8/80-12/87									
	ToyoAce 2.2 D	3/79-8/83									
ENG. 2L	**Chaser 2400 D, Crown 2400 D**	83 →	2446 ccm	74 kW (96 PS)	92 / 4						
	Mark II 2400 D	83 →									
ENG. 2LT	**4 Runner 2.4 TD**	90 →	2446 ccm		92 / 4						
ENG. 2L, 2LT	**Land Cruiser 2.4 D/TD**	90 →	2446 ccm		92 / 4						
	HiAce 2.4										
ENG. 5L		97-05	2986 ccm	72 kW (97 PS)	99,5 / 4	IN	PTOY084	13711-54030	42,5x8,0x104,3	45	1
						EX	PTOY085	13715-54050	36,0x8,0x104,3	45	1
								13715-54090			
ENG. 1KZ-T	**HiLux 3.0 D**	8/93-11/95	2982 ccm	92 kW (125 PS)	96 / 4	IN	PTOY092	13711-54040	42,4x8,0x104,4	45	1
	Land Cruiser 3.0 D	5/93-4/96				EX	PTOY093	13715-67040	37,0x8,0x104,0	45	1
	4 Runner 3.0 D	8/93-3/96									
ENG. 1KZ-TE	**HiAce 3.0 TD HiLux 3.0 TD**	7/00-2/02	2982 ccm	97 kW (130 PS)	96 / 4						
	Land Cruiser 3.0 TD	93 →									
	Prado 3.0 TD	5/96 →									
	4 Runner 3.0 TD	4/96-02									



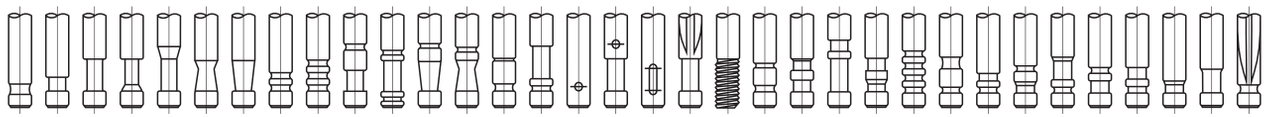
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
TOYOTA DIESEL											
ENG. DV4TD (2WZ-TV)	**Aygo 1.4 D-4D**	7/05 →	1398 ccm	40-50 kW (54-68 PS)	73,7 / 4	IN	PTOY098	1145933 1152191 0948.C2 Y401-12-111 SU00100551	32,8x5,5x97,5	45	9
						EX	PTOY099	1145932 1152190 1202362 0949.B1 Y401-12-121 SU00100552	30,2x5,5x97,5	45	9
ENG. OM 314.910	**Bandeirante 3.8 D**	84-01	3780 ccm	63 kW (85 PS)	97 / 4	IN	PTOY100	3520530001 3520530101 3520500026 3520500126	44,0x9,0x140,5	45	2
						IN	PTOY102	3660500226 3660500326	44,0x9,0x140,5	30	2
						EX	PTOY101	3520531505	36,0x10,0x140,5	45	2
						EX	PTOY103	3660500227 3660500027 3210530905 3660500127 3660500527 3660500627 3760500027 3760500127	36,0x10,0x140,5	45	2



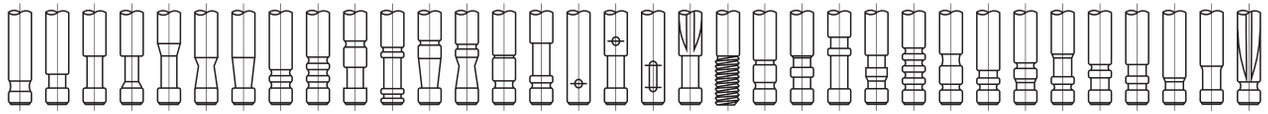
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
UAZ BENZYNA											
Uaz			2000 ccm		84 / 4	IN	PUAZ001	21D1007010	44,1x9,0x117,3	45	22
						EX	PUAZ002	321-01-1007015	36,1x9,0x117,3	45	2



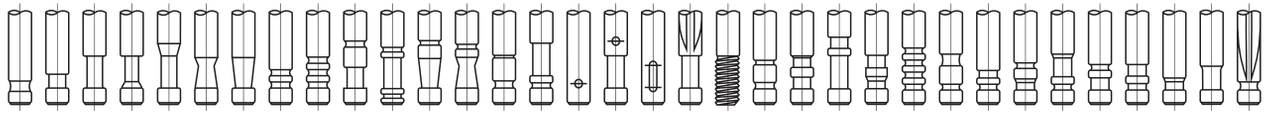
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
UNIVERSAL-UTOS DIESEL											
ENG. D113	**Tractor U-650/65/500/50** **Romalag U650** **Rumanian 650**	66 →	2000 ccm		108 / 4	IN	PUNI001	10302117	41,0x11,0x168,0	45	6
						EX	PUNI002	10302118	37,0x11,0x167,5	45	6
									Grubość grzybka +0,50 [mm]		
						IN	PUNI005		41,0x11,0x168,0	45	6
						EX	PUNI006		37,0x11,0x167,5	45	6
Tractor 80 HP		66 →			4	IN	PUNI003		47,9x11,0x151,5	45	1
						EX	PUNI004		43,8x11,0x151,5	45	1



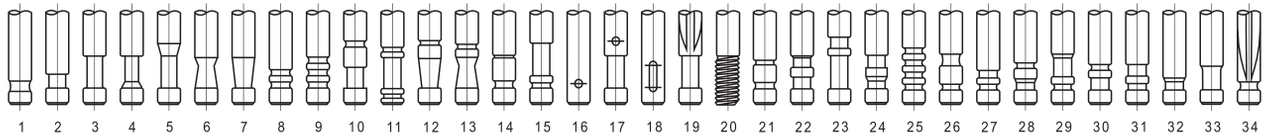
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
URSUS DIESEL											
ENG. D 3.152		70 →	2503 ccm	35 kW (47 PS)	91,48 / 3	IN	PURS001	31431681	39,0x7,9x114,3	35	1
						EX	PURS002	31431761	33,4x7,9x114,3	35	1
								31431011			
								3142A081			
									Nadwymiar grzybka +1,0 [mm]		
						IN	PURS034		40,0x7,9x114,3	35	1
						EX	PURS035		34,4x7,9x114,3	35	1
									Nadwymiar grzybka +2,0 [mm]		
						IN	PURS018		41,0x7,9x114,3	35	1
						EX	PURS019		35,4x7,9x114,3	35	1
ENG. A 4.236 (Ursus 4390)	**MF 4512 (4 cylindry)**	87-09	3864 ccm	44,1-48,5 kW (60-66 PS)	98,43 / 4	IN	PURS003	31431641	44,4x9,48x123,0	45	1
								31431103			
								31431163			
								733819M1			
						EX	PURS005	31431881	36,5x9,46x123,4	45	1
								31431104			
								31431109			
								31431164			
								31431791			
								31431851			
								31431891			
								31431931			
								733818M1			



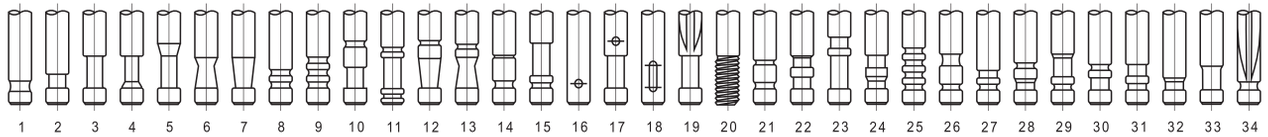
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
URSUS DIESEL											
ENG. A 4.236 (Ursus 4390)	**MF 4512 (4 cylindry)**	87-09	3864 ccm	44,1-48,5 kW (60-66 PS)	98,43 / 4	IN	PURS053	3142H002	44,2x9,5x123,0	30	1
						EX	PURS054	3142A052	36,5x9,5x123,5 +.003"	45	1
						IN	PURS026	31431401	44,4x9,55x123,0	45	1
						EX	PURS027	31431411 736815M1	36,5x9,53x123,4 +.005"	45	1
						IN	PURS028		44,4x9,60x123,0	45	1
						EX	PURS029		36,5x9,58x123,4 +.015"	45	1
						IN	PURS030	31431402 736813M1	44,4x9,86x123,0	45	1
						EX	PURS031	31431412	6,5x9,84x123,4 +.019"	45	1
						IN	PURS004		44,4x9,96x123,0	45	1
						EX	PURS006		36,5x9,94x123,4 +.030"	45	1
						IN	PURS032	31431403	44,4x10,24x123,0	45	1
						EX	PURS033	31431413	36,5x10,22x123,4 Grubość grzybka +1,0 [mm]	45	1
						IN	PURS051		44,4x9,48x123,0	45	1
						EX	PURS052		36,5x9,46x123,4	45	1
	C-330/335 S-312C		1960 ccm	22,4 kW (32 PS)	102 / 2	IN	PURS007	50008470	44,5x9,0x144,9	45	32
						EX	PURS009	50008480	36,5x9,0x144,9 Nadwymiar grzybka +2,0 [mm]	45	32
						IN	PURS008		46,5x9,0x144,9	45	32
						EX	PURS010		38,5x9,0x144,9	45	32



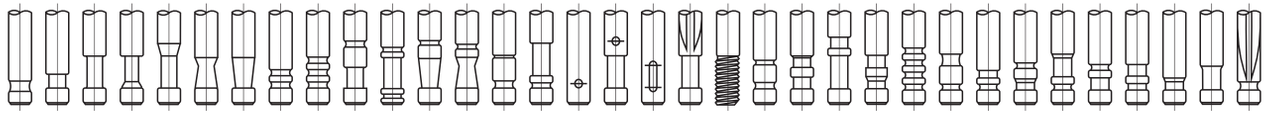
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
URSUS DIESEL											
	C-360		3120 ccm	36,4 kW (52 PS)	95 / 4	IN	PURS011	50505051	39,2x8,0x129,3	45	32
	S-4003					EX	PURS013	50505061	33,2x10,0x129,3	45	32
									Nadwymiar grzybka +1,0 [mm]		
						IN	PURS024		40,2x8,0x129,3	45	32
						EX	PURS025		34,2x10,0x129,3	45	32
									Nadwymiar grzybka +2,0 [mm]		
						IN	PURS012		41,2x8,0x129,3	45	32
						EX	PURS014		35,2x10,0x129,3	45	32
ENG. Z 8401.1	**C-385**		4562 ccm	57,1 kW (81,6 PS)	110 / 4	IN	PURS015	80005014	49,2x10,0x138,9	45	1
ENG. Z 8701.1			6842 ccm	84,8 kW (121,1 PS)	110 / 6			480005014			
						EX	PURS016	80005015	41,3x10,0x138,9	45	1
								480005015			
								89005902			
								64000424			
ENG. Z 8002.1	**C-385 TURBO**		4562 ccm	70,5 kW (100,7 PS)	110 / 4	IN	PURS017	89005915	49,2x10,0x139,0	30	1
ENG. Z 8602.1			6842 ccm	111,5 kW (159,3 PS)	110 / 6			489005915			
								64000423			
								80005015			
						EX	PURS016	480005015	41,3x10,0x138,9	45	1
								89005902			
								64000424			



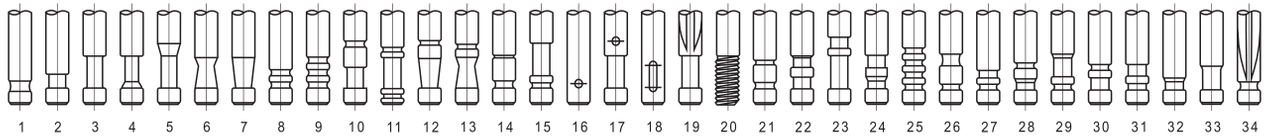
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
URSUS DIESEL											
ENG. AD 3.152	**20, 35, 40, 44, 114, 124, 134, 135,144, 148, 152, 154, 164, 200, 230, 233, 234, 235, 240, 245, 248, 250, 253, 254, 255, 260, 263, 285, 333, 340, 350, 353, 2200, 2203, 2205, 2500, 3165, 4000, 4500, 5000, 5500**	1/69 →	2490 ccm	28-42 kW (38-57 PS)	91,48 / 3	IN	PURS020	31431281 31431741 732811M1	39,0x7,9x114,3		
						EX	PURS021	31431271 31431591 31431731 31431941 737640M1	33,4x7,9x114,3		
ENG. AD 4.203	**30, 50, 65, 86, 155, 158, 165, 300, 304, 560, 7000**	62 →	3335 ccm	40-43 kW (55-59 PS)	91,48 / 4				Nadwymiar grzybka +1,0 [mm]		
						IN	PURS055		39,0x7,9x114,3		
						EX	PURS056	364902	33,4x7,9x114,3		
ENG. 4.203	**Massey Ferguson 65 mk. 2** **Massey Ferguson 165 mk. 1**	01/62 -	3335 ccm	44 kW (60 PS)	91,44/4	IN	PURS038	31431281	39,0x7,9x114,3	45	1
						EX	PURS039	31431271	33,4x7,9x114,5	45	1



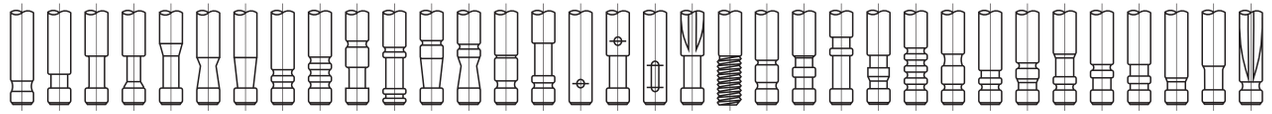
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLGA (WOŁGA) BENZYNA											
	Wołga M21		2500 ccm		92 / 4	IN	PWOL001	13-1007010-B1	47,0x9,0x117,0	45	22
						EX	PWOL002	24-1007015	36,0x9,0x117,5	45	2
	Wołga 24		2445 ccm		92 / 4	IN	PWOL003	402.1007010	47,3x9,0x117,2	45	2
			2890 ccm			EX	PWOL004	402.1007015	39,2x9,0x117,3	45	2



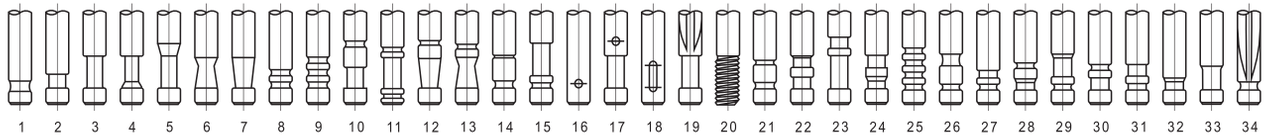
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN BENZYNA											
ENG. GF	**Golf I 1.3** **Jetta 1.3** **Quantum 1.3**	2/77-85	1272 ccm	44 kW (60 PS)	75 / 4	IN	PVWG001	036109601A 036109601D 036109601G	34,0x8,0x110,5	45	9
	Scirocco 1.3					EX	PVWG002	036109611	28,2x8,0x110,5	45	9
ENG. GL	**Derby 1.0i** **Polo 1.0i**	8/81-10/86	1043 ccm	29 kW (40 PS)	75 / 4						
ENG. GK	**Derby 1.3i** **Polo 1.3i**	8/82-7/89	1272 ccm	55 kW (75 PS)	75 / 4						
ENG. HK	**Derby 1.3** **Golf II 1.3** **Jetta 1.3** **Polo 1.3** **Scirocco 1.3**	8/83-7/86	1272 ccm	40 kW (54 PS)	75 / 4						
ENG. FA, FJ	**Golf I 1.1**	4/74-7/79	1093 ccm	37-38 kW (50-52 PS)	69,5 / 4	IN	PVWG003	036109601	34,0x8,0x104,0	45	1
	Scirocco 1.1	2/74-7/79				EX	PVWG004	052109611	28,0x8,0x104,0	45	1
ENG. GG	**Golf I 1.1** **Jetta 1.1**	8/79-12/83 8/79-2/84	1093 ccm	37 kW (50 PS)	69,5 / 4						
ENG. HA	**Derby 0.9** **Polo 0.9**	4/75-9/81 4/75-9/81	895 ccm	29 kW (40 PS)	69,5 / 4						
ENG. HB, HC	**Derby 1.1** **Polo 1.1**	7/76-7/83 4/75-7/83	1093 ccm	37-44 kW (50-60 PS)	69,5 / 4						
ENG. HD			1093 ccm	38 kW (52 PS)							
ENG. FY, FZ	**Passat 1.3** **Santana 1.3**	1/78-7/83 1/78-7/83	1272 ccm	40-44 kW (54-60 PS)	75 / 4						
ENG. HH	**Derby 1.3** **Fox 1.3** **Polo 1.3**	8/77-7/83 9/78-81 8/77-7/83	1272 ccm	44 kW (60 PS)	75 / 4						
ENG. HJ	**Derby 1.3** **Polo 1.3**	1/77-9/81 1/77-7/82	1272 ccm	43 kW (58 PS)	75 / 4						



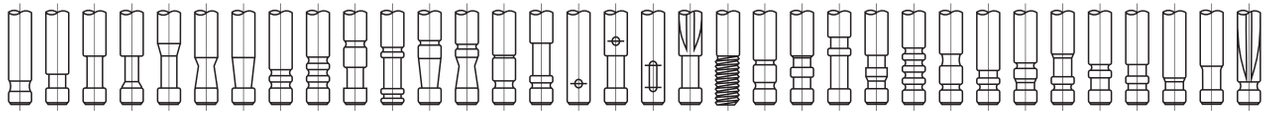
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLKSWAGEN BENZYNA											
ENG. HZ	**Golf 1.05**		1043 ccm	37 kW (50 PS)	75 / 4	IN	PVWG005	030109601B	36,0x8,0x98,7	45	9
	Golf II 1.05	5/85-10/91						030109601C			
	Jetta 1.05	8/86-10/91						073109601D			
	Polo 1.05	8/85-1/92				IN	PVWG051	030109601D	36,0x8,0x99,3	45	9
ENG. MH, NU	**Golf II 1.3**	8/85-12/88	1272 ccm	37-40 kW (50-55 PS)	75 / 4			030109601F			
	Jetta 1.3	8/85-12/88				IN	PVWG052	030109601E	32,0x8,0x99,3	45	9
	Polo 1.3	8/85-12/88				EX	PVWG006	030109611A	28,8x8,0x99,1	45	9
ENG. ACM	**Polo 1.05i**	2/92-12/92	1043 ccm	33 kW (45 PS)	75 / 4						
ENG. NZ, 2G	**Golf 1.3/1.3i**		1272 ccm	40 kW (55 PS)	75 / 4						
	Golf II 1.3/1.3i	8/85-7/92									
	Jetta 1.3/1.3i	8/85-7/92									
	Polo 1.3/1.3i	5/86-7/94									
ENG. 3F	**Polo 1.3i**	1/90-7/94	1272 ccm	55-57 kW (75-78 PS)	75 / 4						
ENG. PY	**Polo 1.3i G40**	8/86-7/94	1272 ccm	83 kW (113 PS)	75 / 4						
ENG. AAK, AAU	**Polo 1.05i**	1/90-7/94	1043 ccm	33 kW (45 PS)	75 / 4						
ENG. AAV	**Polo 1.3**	1/91-7/94	1272 ccm	40 kW (54 PS)	75 / 4						
ENG. ABD	**Golf III 1.4i**	11/91-7/95	1391 ccm	44 kW (60 PS)	75 / 4						
	Vento 1.4i	1/92-7/95									
ENG. ADR	**Passat 1.8i 20V**	12/96-1/99	1781 ccm	92 kW (125 PS)	81 / 4	IN	PVWG007	058109601C	26,9x6,0x105,1	45	9
ENG. AFY	**Passat 1.8i**	1/97-4/00	1781 ccm	85 kW (116 PS)	81 / 4	EX	PVWG008	058109611M	29,9x6,0x103,9	45	9
ENG. AGN	**Bora 1.8i 20V**	2/99-10/00	1781 ccm	92 kW (125 PS)	81 / 4			06B109611D	Odległość zamka - 4,0 [mm]		
	Golf 1.8i 20V	10/97-10/00									
ENG. APT, ARG	**Passat 1.8i 20V**	4/98-2/01	1781 ccm	92 kW (125 PS)	81 / 4						
ENG. ACK, ALG	**Passat 2.8i VR6 30V**	5/97-12/98	2771 ccm	142 kW (193 PS)	82,5 / 6						
ENG. AGE	**Passat 2.8i VR6 30V**	5/97-9/99	2771 ccm	132 kW (180 PS)	82,5 / 6						
ENG. ALT	**Passat 2.0i 20V**	11/01-5/05	1984 ccm	96 kW (131 PS)	82,5 / 4						
ENG. AMX , APR, AQD, ATQ	**Passat 2.8i VR6 30V**	1/99-5/05	2771 ccm	142 kW (193 PS)	82,5 / 6						
ENG. ATX, BBG	**Passat 2.8i VR6 30V**	9/99-5/05	2771 ccm	140 kW (190 PS)	82,5 / 6						



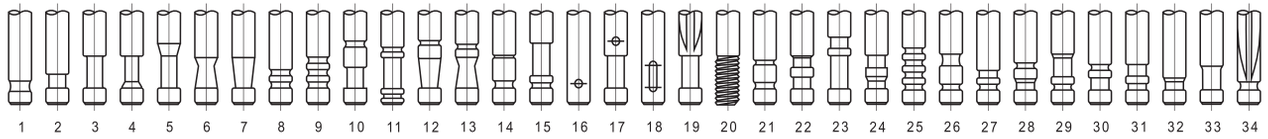
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN BENZYNA											
ENG. AEB, ANB, APU	**Passat 1.8i Turbo 20V**	10/96-2/01	1781 ccm	110 kW (150 PS)	81 / 4	IN	PVWG007	058109601C	26,9x6,0x105,1	45	9
ENG. AGU	**Bora 1.8i Turbo 20V**	5/00-5/05	1781 ccm	110 kW (150 PS)	81 / 4	EX	PVWG122	058109611E	29,9x6,0x103,9	45	9
	Golf IV 1.8i Turbo 20V	10/97-5/06							Odległość zamka - 5,9 [mm]		
	New Beetle 1.8i T 20V	1/98-6/00									
ENG. AJH, AWC	**Sharan 1.8i Turbo 20V**	11/97 →	1781 ccm	110 kW (150 PS)	81 / 4						
ENG. APH, AVC	**New Beetle 1.8i T 20V**	1/98-5/01	1781 ccm	110 kW (150 PS)	81 / 4						
ENG. AQA, ARZ	**Golf IV 1.8i Turbo 20V**	5/98-4/01	1781 ccm	110 kW (150 PS)	81 / 4						
ENG. AUM	**Bora 1.8i Turbo 20V**	9/00-5/05	1781 ccm	110 kW (150 PS)	81 / 4						
	Golf IV 1.8i Turbo 20V	9/00-5/06									
ENG. AUQ	**Bora 1.8i Turbo 20V**	5/02-5/05	1781 ccm	132 kW (180 PS)	81 / 4						
	Golf 1.8i Turbo 16V	6/03 →									
	Golf IV 1.8i Turbo 20V	6/01-5/06									
ENG. AWU, AWV	**New Beetle 1.8i T 20V**	6/00 →	1781 ccm	110 kW (150 PS)	81 / 4						
ENG. ARX	**Bora 1.8i Turbo 20V**	9/00-4/01	1781 ccm	110 kW (150 PS)	81 / 4						
ENG. AWM	**Passat 1.8i Turbo 20V**	2/01-11/05	1781 ccm	125 kW (170 PS)	81 / 4						
ENG. ABU	**Golf III 1.6i**	8/92-9/94	1588 ccm	55 kW (75 PS)	76,5 / 4	IN	PVWG009	032109601G	34,6x7,0x94,8	45	9
	Vento 1.6i	8/92-9/94				EX	PVWG010	032109611G	29,0x7,0x95,0	45	9
ENG. AEA, AEE	**Caddy 1.6i**	6/96-12/00	1598 ccm	55 kW (75 PS)	76,5 / 4	IN	PVWG011	030109601AH	35,6x7,0x94,8	45	9
	Golf 1.6i	7/95-12/97				EX	PVWG010	032109611G	29,0x7,0x95,0	45	9
	Golf III 1.6i	10/94-12/97									
	Polo 1.6i	10/94-12/99									
	Vento 1.6i	10/94-12/97									
ENG. AEX, AKV, ANX, APQ	**Caddy 1.4i**	11/95-6/03	1390 ccm	40-44 kW (55-60 PS)	76,5 / 4						
	Gol 1.4i										
	Golf III 1.4i	7/95-5/98									
	Polo 1.4i	7/95-12/99									
	Vento 1.4i	7/95-10/98									
ENG. AHS, ALM	**Polo 1.6i**	3/96-9/01	1598 ccm	55 kW (75 PS)	76,5 / 4						



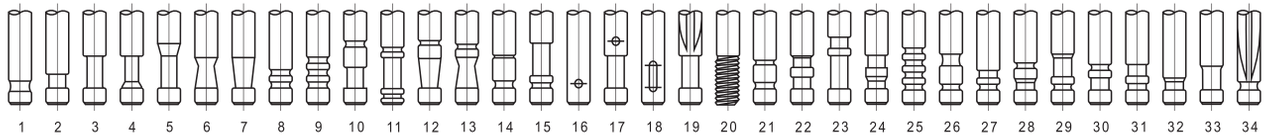
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLKSWAGEN BENZYNA											
ENG. AFT	**Golf 1.6i**		1595 ccm	74 kW (101 PS)	81 / 4	IN	PVWG021	078109601A	39,5x7,0x91,9	45	9
	Golf III 1.6i	7/95-10/00						078109601B			
	Passat 1.6i	12/95-12/96						078109601E			
	Polo 1.6i	12/95-8/99						078109601F			
	Vento 1.6i	1/96-12/97						06A109601E			
ENG. AEH, AKL, APF	**Bora 1.6i**	9/98-5/05	1595 ccm	74 kW (101 PS)	81 / 4			037109601			
	Golf IV 1.6i	1/98-5/04				EX	PVWG022	048109611B	32,9x7,0x91,2	45	9
	Polo 1.6i	10/99-9/01						078109611C			
ENG. ADP, AHL	**Passat 1.6**	10/96-8/00	1595 ccm	74 kW (101 PS)	81 / 4			037109611B			
ENG. ANA, ARM	**Passat 1.6i**	1/99-8/00	1595 ccm	74 kW (101 PS)	81 / 4						
ENG. AUR	**Polo 1.6i**	7/00-9/01	1595 ccm	74 kW (101 PS)	81 / 4						
ENG. AWH	**New Beetle 1.6i**	11/99-10/00	1595 ccm	74 kW (101 PS)	81 / 4						
ENG. AKS	**Golf 1.6i**		1595 ccm	74 kW (101 PS)	81 / 4						
	Golf III 1.6i	4/97-10/00									
	Vento 1.6i	4/97-12/97									
ENG. AGG	**Golf 2.0i**		1984 ccm	85 kW (116 PS)	82,5 / 4						
	Golf III 2.0i	7/95-12/01									
	Passat 2.0i	7/95-12/96									
	Vento 2.0i	7/95-12/97									
ENG. AKR	**Golf 2.0i**		1984 ccm	85 kW (116 PS)	82,5 / 4						
	Golf III 2.0i	4/97-4/00									
	Vento 2.0i	4/97-12/97									
ENG. ATU, AWF	**Golf III 2.0i**	6/99-6/02	1984 ccm	85 kW (116 PS)	82,5 / 4						
ENG. AEG	**Jetta 2.0i**	6/98 →	1984 ccm	85 kW (116 PS)	82,5 / 4						
	New Beetle 2.0i	1/98-5/01									
ENG. AEG, AWG	**Golf IV 2.0i**	9/99 →	1984 ccm	85 kW (116 PS)	82,5 / 4						



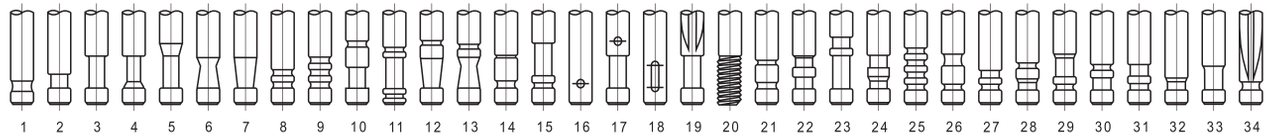
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLKSWAGEN BENZYNA											
ENG. EW	**Caddy 1.6i**	8/83-7/92	1595 ccm	55 kW (75 PS)	81 / 4	IN	PVWG025	035109601C	38,0x8,0x98,7	45	9
	Golf II 1.6i	8/83-7/92						035109601D			
	Scirocco 1.6i	1/83-7/91						035109601F			
ENG. EZ	**Golf 1.6i**		1595 ccm	55 kW (75 PS)	81 / 4			035109603			
	Golf II 1.6i	8/83-7/91				IN	PVWG031	035109601H	38,0x8,0x91,0	45	9
	Jetta 1.6i	12/83-7/91						035109601G			
	Passat 1.6i	4/88-9/91				EX	PVWG026	035109611F	33,2x8,0x98,5	45	9
ENG. EZA	**Golf II/Jetta 1.6i**	8/85-7/87	1595 ccm	51 kW (70 PS)	81 / 4			035109611H			
ENG. GX	**Golf II 1.8**	8/83-7/88	1781 ccm	66 kW (90 PS)	81 / 4	EX	PVWG030	048109611A	33,2x8,0x91,2	45	9
	Jetta 1.8	12/83-7/88						053109611			
ENG. HM	**Golf II 1.6i**	8/83-7/88	1595 ccm	60 kW (82 PS)	81 / 4	EX	PVWG032	026109611A	33,2x8,0x90,8	45	9
	Jetta 1.6	12/83-7/88									
ENG. HN	**Caddy 1.6**	8/83-7/89	1595 ccm	55 kW (75 PS)	81 / 4						
	Golf II 1.6i	8/83-7/86									
	Scirocco 1.6	8/83-7/86									



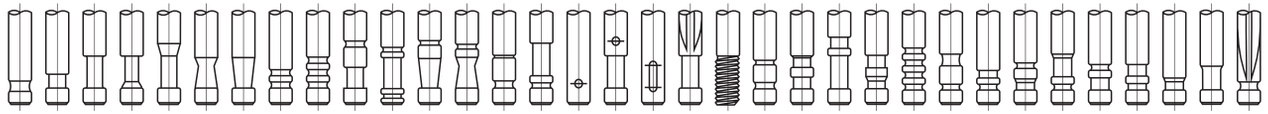
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN BENZYNA											
ENG. DS. JV	**Passat 1.8**	1/83-7/88	1781 ccm	66 kW (90 PS)	81 / 4	IN	PVWG025	035109601C	38,0x8,0x98,7	45	9
	Santana 1.8	1/83-7/98						035109601D			
ENG. JU, DT	**Passat 1.6**	8/83-3/88	1595 ccm	55 kW (75 PS)	81 / 4			035109601F			
	Santana 1.6	8/83-12/84						035109603			
ENG. HP, JS	**Passat 2.0i**	8/83-7/88	1994 ccm	85 kW (115 PS)	81 / 5	IN	PVWG031	035109601H	38,0x8,0x91,0	45	9
	Santana 2.0i	8/83-12/84						035109601G			
ENG. KV	**Passat 2.2i**	1/85-3/88	2226 ccm	98 kW (133 PS)	81 / 5	IN	PVWG054	035109601J	38,0x8,0x91,9	45	9
ENG. JN	**Fox 1.8 (USA)**	3/87-6/93	1781 ccm	66 kW (90 PS)	81 / 4			035109601K			
	Passat 1.8	8/83-7/88				IN	PVWG077		38,0x8,0x91,35	45	9
	Quantum 1.8	9/83-7/86				IN	PVWG078	026109601C	40,0x8,0x90,9	45	9
	Santana 1.8	8/83-12/84						026109601F			
ENG. EX	**Golf II 1.8i**	8/83-7/93	1781 ccm	66 kW (90 PS)	81 / 4			026109601A			
	Scirocco 1.8i	8/83-7/92				EX	PVWG026	035109611F	33,2x8,0x98,5	45	9
ENG. DZ	**Passat 1.8i**	12/83-7/84	1781 ccm	82 kW (112 PS)	81 / 4			035109611H			
						EX	PVWG030	048109611A	33,2x8,0x91,2	45	9
								053109611			
						EX	PVWG032	026109611A	33,2x8,0x90,8	45	9
ENG. GU	**Golf 1.8**		1781 ccm	66 kW (90 PS)	81 / 4	IN	PVWG025	035109601C	38,0x8,0x98,7	45	9
	Golf II 1.8	8/83-10/91						035109601D			
	Jetta 1.8	12/83-10/91						035109601F			
								035109603			
						IN	PVWG031	035109601H	38,0x8,0x91,0	45	9
								035109601G			
						IN	PVWG054	035109601J	38,0x8,0x91,9	45	9
								035109601K			
						EX	PVWG026	035109611F	33,2x8,0x98,5	45	9
								035109611H			
						EX	PVWG030	048109611A	33,2x8,0x91,2	45	9
								053109611			



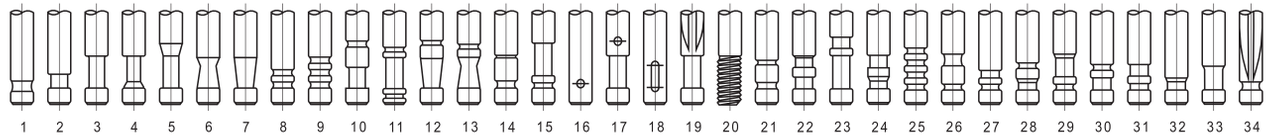
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN BENZYNA											
ENG. KT	**Golf II 1.8i**	8/83-7/89	1781 ccm	82 kW (112 PS)	81 / 4	IN	PVWG029	048109601A	39,5x8,0x91,9	45	9
	Scirocco 1.8i	8/83-7/87				EX	PVWG030	048109611A	33,2x8,0x91,2	45	9
ENG. HT	**Golf II 1.8i**	1/85-7/85	1781 ccm	77 kW (105 PS)	81 / 4			053109611			
ENG. 1P	**Golf II 1.8i**	8/88-7/91	1781 ccm	72 kW (98 PS)	81 / 4						
	Jetta 1.8i	8/88-7/91									
ENG. PG	**Corrado 1.8i G60**	9/88-7/93	1781 ccm	110-118 kW (150-160 PS)	81 / 4						
	Golf II 1.8i G60	8/88-7/91									
	Passat 1.8i G60	8/88-7/93									
ENG. AAF, ACU	**California T4 2.5i**	9/90-10/96	2461 ccm	81 kW (110 PS)	81 / 5						
	EuroVan 2.5i	9/91-12/95									
	Transporter T4 2.5i	9/90-10/96									
ENG. AEN	**Transporter T4 2.5i**	5/95-12/95	2461 ccm	81 kW (110 PS)	81 / 5						
ENG. AEU, AET	**California T4 2.5i**	8/96-9/03	2461 ccm	81 kW (110 PS)	81 / 5						
	Transporter T4 2.5i	8/96-6/03									
ENG. AVT, APL	**California T4 2.5i**	5/99-4/02	2461 ccm	85 kW (116 PS)	81 / 5						
	Transporter T4 2.5i	5/99-6/03									
ENG. PN	**Golf 1.6i**		1595 ccm	51 kW (70 PS)	81 / 4	IN	PVWG031	035109601H	38,0x8,0x91,0	45	9
	Golf II 1.6i	8/85-7/92						035109601G			
	Jetta 1.6i	8/85-7/92				EX	PVWG030	053109611	33,2x8,0x91,2	45	9
ENG. RF	**Golf 1.6**		1595 ccm	53 kW (72 PS)	81 / 4			048109611A			
	Golf II 1.6	8/86-10/91									
	Jetta 1.6	8/86-10/91									
	Passat 1.6	4/88-7/89									
ENG. RG	**Golf II 1.8i**	2/86-7/87	1781 ccm	79 kW (107 PS)	81 / 4						
	Jetta 1.8i	2/86-7/87									
ENG. RE	**Scirocco 1.6**	4/86-7/90	1595 ccm	53 kW (72 PS)	81 / 4						
ENG. RL	**Passat 1.6i**	8/86-3/88	1595 ccm	53 kW (72 PS)	81 / 4						
ENG. RH	**Golf 1.8**		1781 ccm	62 kW (84 PS)	81 / 4						
	Golf II 1.8	8/86-7/90									
	Jetta 1.8	8/86-7/90									



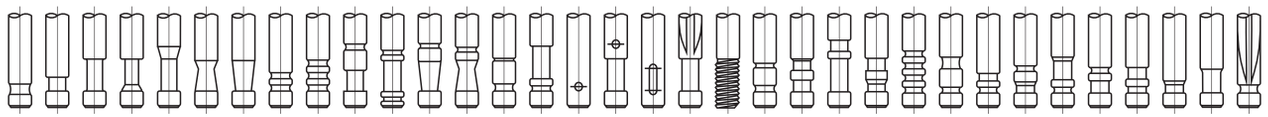
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLKSWAGEN BENZYNA											
ENG. BAH	**Fox 1.6i**	10/03 →	1598 ccm	74 kW (101 PS)	76,5 / 4	IN	PVWG035	032109601L	34,4x6,0x99,1	45	9
	Golf IV 1.6i	2/01-6/06						032109601M			
	Polo 1.6i	8/02 →				EX	PVWG036	030109611T	28,0x6,0x99,2	45	9
	Polo Sedan 1.6i	2/02 →						03D109611A			
	Spacefox 1.6i							032109611L			
	Sportvan 1.6i							032109611M			
	Suran 1.6i										
ENG. BLM	**Polo 1.4 FSI 16V**	5/04 →	1390 ccm	63 kW (85 PS)	76,5 / 4						
	Polo Sedan 1.4 FSI 16V										
ENG. AWY, BMD	**Fox 1.2i**	05 →	1198 ccm	40 kW (54 PS)	76,5 / 3						
	Polo 1.2i	1/02 →									
ENG. BBM	**Polo 1.2i**	5/07 →	1198 ccm	44 kW (60 PS)	76,5 / 3						
	Polocross 1.2i	5/08 →									
	Passat L/N/GL	73-78	1272 ccm		75 / 4	IN	PVWG037	056109601A	34,0x8,0x98,7	45	1
	Scirocco	74-75	1471 ccm		76,5 / 4			056109601C			
	Golf S/LS/GL	74-75				EX	PVWG038	049109611G	31,2x8,0x98,5	45	1
	Passat GL/LS/S/TS	73-75									
	Scirocco GL/LS/TS	73-75									
	Golf GLS/LS/S	74-81	1457 ccm		79,5 / 4						
	Scirocco GL/GT/LS	74-81									
	Passat GLS/LS/S	75-80	1588 ccm		79,5 / 4						
	Scirocco GL/GT/LS	75-80									
ENG. YP	**Passat 1.6**	9/75-12/82	1588 ccm	63 (85 PS)	75 / 4	IN	PVWG037	056109601A	34,0x8,0x98,7	45	1
	Santana 1.6	8/81-12/82						056109601C			
	Passat/Variant	73 →	1272 ccm	40-44 kW (50-60 PS)	76,5 / 4	EX	PVWG074	056109611A	31,2x8,0x98,5	45	1
	Scirocco/Passat/Golf	73 →	1471 ccm	52-63 kW (70-85 PS)	79,5 / 4						
	Golf/Scirocco	74 →	1457 ccm	51 kW (70 PS)	79,5 / 4						



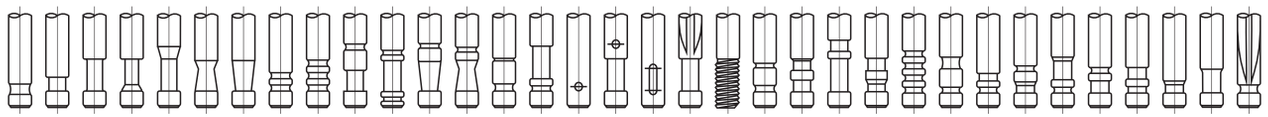
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLKSWAGEN BENZYNA											
ENG. AHW, APE, AKQ	**Bora 1.4i 16V**	10/98-5/05	1390 ccm	55 kW (75 PS)	76,5 / 4	IN	PVWG039	036109601S	29,5x6,0x100,9	45	9
	Golf IV 1.4i 16V	10/97-6/06						036109601AD			
	Lupo 1.4i 16V	10/98-7/05						036109601AK			
	Polo 1.4i 16V	10/99-9/01				EX	PVWG040	036109611K	26,0x6,0x100,5	45	9
ENG. AUA	**Caddy 1.4i 16V**	9/00-6/03	1390 ccm	55 kW (75 PS)	76,5 / 4			036109611AE			
	Lupo 1.4i 16V	5/00-4/02									
	Polo 1.4i 16V	10/99-1/02									
ENG. BBY	**Lupo 1.4i 16V**	4/02-7/05	1390 ccm	55 kW (75 PS)	76,5 / 4						
	Polo 1.4i 16V	11/01-7/06									
	Polo Sedan 1.4 FSI 16V	11/02-7/06									
ENG. AFK, AQQ, AUB, ANM	**Lupo 1.4i 16V**	5/99-7/05	1390 ccm	74 kW (101 PS)	76,5 / 4						
	Polo 1.4i 16V	7/99-6/02									
ENG. AVJ, ARC	**Polo 1.6i 16V**	8/98-9/01	1598 ccm	88-92 kW (120-125 PS)	76,5 / 4						
ENG. ARR	**Lupo 1.4 FSI 16V**	9/00-11/03	1390 ccm	77 kW (105 PS)	76,5 / 4						
ENG. AVY	**Lupo 1.6i 16V**	6/00-7/05	1598 ccm	92 kW (125 PS)	76,5 / 4						
	Polo 1.6i 16V	6/00-9/01									
ENG. AXU	**Polo 1.4i 16V**	2/02-7/06	1390 ccm	63 kW (85 PS)	76,5 / 4						
ENG. AZQ	**Polo 1.2i 12V**	11/01-5/04	1198 ccm	47 kW (64 PS)	76,5 / 3						
ENG. BAD	**Bora 1.6 FSI 16V**	8/01-5/05	1598 ccm	81 kW (110 PS)	76,5 / 4						
	Golf IV 1.6 FSI 16V	8/01-6/06									
ENG. BAG, BLP	**Golf V 1.6 FSI 16V**	10/03-7/05	1598 ccm	85 kW (116 PS)	76,5 / 4						
	Touran 1.6 FSI 16V	2/03-5/04									
ENG. BBZ	**Polo 1.4i 16V**	5/02-5/08	1390 ccm	74 kW (101 PS)	76,5 / 4						
	Polo Sedan 1.4 FSI 16V	11/02 →									
	Polocross 1.4i 16V	11/05 →									
	Polocross 1.4 FSI 16V	11/05-5/07									



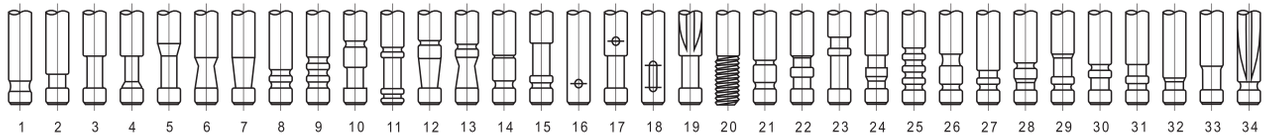
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN BENZYNA											
ENG. CAVE	**Polo 1.4 TSI GTI**	5/10-5/12	1390 ccm	132 kW (180 PS)	76,5 / 4	IN	PVWG039	036109601S	29,5x6,0x100,9	45	9
ENG. CAXA	**Eos 1.4 FSI 16V**	11/07-5/08	1390 ccm	90 kW (122 PS)	76,5 / 4			036109601AD			
	Golf V 1.4 FSI 16V	7/07-11/08						036109601AK			
	Golf V 1.4 TSI 16V	9/07-12/08				EX	PVWG040	036109611K	26,0x6,0x100,5	45	9
	Golf VI 1.4 TFSI 16V	10/08 →						036109611AE			
	Golf Plus 1.4 FSI 16V	7/07 →									
	Jetta 1.4 FSI 16V	7/07 →									
	Passat 1.4 FSI 16V	5/07 →									
	Scirocco 1.4 TSI 16V	11/08 →									
ENG. CGGA	**Golf VI 1.4 SRE 16V**	10/08 →	1390 ccm	59 kW (80 PS)	76,5 / 4						
	Golf Plus 1.4 SRE 16V	1/09 →									
ENG. CGPA	**Polo 1.2i 12V**	6/09 →	1198 ccm	51 kW (69 PS)	76,5 / 3						
	Polocross 1.2i 12V	2/10 →									
ENG. CGPB		ENG.11/05-7/07	1198 ccm	44 kW (60 PS)	76,5 / 3						
ENG. AER, ALL	**Lupo 1.0i**	10/98-5/00	999 ccm	37 kW (50 PS)	67,1 / 4	IN	PVWG041	030109601AG	31,0x7,0x94,7	45	9
	Polo 1.0i	7/96-12/99				EX	PVWG042	030109611N	26,0x7,0x94,4	45	9
ENG. ABF	**Golf 2.0i 16V**		1984 ccm	110 kW (150 PS)	82,5 / 4	IN	PVWG045	051109601B	32,0x7,0x95,5	45	9
	Golf III 2.0i 16V	8/92-12/97				EX	PVWG046	051109611B	27,0x7,0x98,0	45	9
	Passat 2.0i 16V	1/94-12/96						034109611F			
	Sharan 2.0i 16V	96 →									
	Vento 2.0i 16V	92 →									



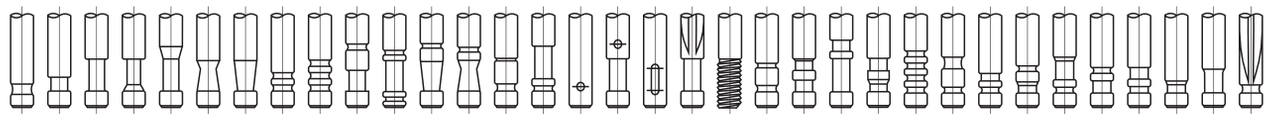
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN BENZYNA											
ENG. AB, AR	**Kafer 1200/1300/1302/ 1303 1.3**	8/70-7/75	1285 ccm	32 kW (44 PS)	77 / 4	IN	PVWG047	311109601	35,5x8,0x111,7	45	9
						EX	PVWG048	311109612A	31,9x8,0x111,9	45	9
ENG. T, 311 (1.6L)	**VW 1600**	65-7/73	1584 ccm	40 kW (54 PS)	85,5 / 4			311109612			
ENG. B	**Transporter T2 1.6**	8/67-7/70	1584 ccm	35 kW (47 PS)	85,5 / 4			113109612A			
ENG. AD	**Kafer 1200/ 1300/1302/1303 1.6** **Kafer 1500 1.6** **Transporter T2 1.6**	7/70-7/73	1584 ccm	37 kW (50 PS)	85,5 / 4						
ENG. AF	**Tipo 1 1.6**	5/73-10/92	1584 ccm	34 kW (46 PS)	85,5 / 4						
	Transporter T1 1.6	5/73-9/92									
	VW 181 1.6	7/96-12/99									
ENG. AAM	**Golf 1.8i**		1781 ccm	55 kW (75 PS)	81 / 4	IN	PVWG054	035109601J	38,0x8,0x91,9	45	9
	Golf III 1.8i	8/91-10/00						035109601K			
	Jetta 1.8i	8/92-1/94				EX	PVWG022	048109611B	32,9x7,0x91,2	45	9
	Passat 1.8i	8/90-12/96						078109611C			
	Vento 1.8i	1/92-9/94						037109611B			
ENG. ADZ	**Derby 1.8i**	10/94-12/94	1781 ccm	66 kW (90 PS)	81 / 4	EX	PVWG030	048109611A	33,2x8,0x91,2	45	9
	Golf 1.8i							053109611			
	Golf III 1.8i	10/94-10/00									
	Passat 1.8i	8/94-12/96									
	Vento 1.8i	10/94-12/97									



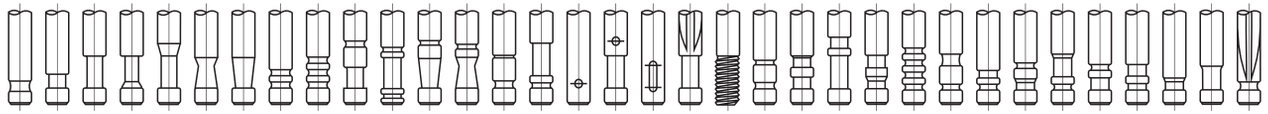
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLKSWAGEN BENZYNA											
ENG. JT	**Passat 2.2i**	8/85-7/88	2226 ccm	89 kW (121 PS)	81 / 5	IN	PVWG054	035109601J	38,0x8,0x91,9	45	9
	Quantum 2.2i	8/85-7/88						035109601K			
ENG. KX	**Passat 2.2i**	8/85-7/88	2226 ccm	88 kW (120 PS)	81 / 5	EX	PVWG030	048109611A	33,2x8,0x91,2	45	9
	Quantum 2.2i	8/85-7/88						053109611			
	Santana 2.2i	8/85-7/86									
ENG. RM	**Passat 1.8**	8/86-3/88	1781 ccm	64 kW (87 PS)	81 / 4						
ENG. RP	**Golf 1.8i**		1781 ccm	66 kW (90 PS)	81 / 4						
	Golf II 1.8i	8/86-10/91									
	Jetta 1.8i	8/86-10/91									
	Passat 1.8i	4/88-7/91									
ENG. PP	**Passat 1.6**	3/87-3/88	1595 ccm	51 kW (70 PS)	81 / 4						
ENG. 1F	**Caddy 1.6**	11/95-5/97	1595 ccm	55 kW (75 PS)	81 / 4						
	Caddy 1.6i	11/95-5/97									
	Passat 1.6i	8/88-7/90									
	Polo 1.6i	10/94-9/97									
ENG. 2H	**Golf II 1.8i**	8/89-7/93	1781 ccm	72 kW (98 PS)	81 / 4						
ENG. PD	**California T4 1.8i**	9/90-7/92	1781 ccm	49 kW (67 PS)	81 / 4						
	Transporter T4 1.8i	9/90-7/92									
ENG. ABN	**Golf 1.6i**		1595 ccm	55 kW (75 PS)	81 / 4						
	Golf II 1.6i	8/91-7/92									
	Jetta 1.6i	8/91-7/92									
	Passat 1.6i	10/91-7/92									
ENG. AENG. KR	**Golf 1.8i**		1781 ccm	66 kW (90 PS)	81 / 4						
	Golf III 1.8i	8/91-10/00									
	Jetta 1.8i	8/92-7/95									



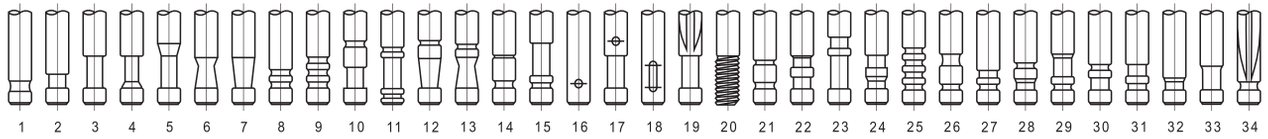
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN BENZYNA											
ENG. KR	**Corrado 1.8i 16V**	4/89-7/92	1781 ccm	100 kW (136 PS)	81 / 4	IN	PVWG055	027109601C	32,0x7,0x95,5	45	1
	Golf II 1.8i 16V	2/86-10/91				EX	PVWG056	027109611A	28,0x7,0x98,2	45	1
	Jetta 1.8i 16V	2/86-10/91						027109611B			
	Passat 1.8i 16V	4/88-7/92						027109611C			
	Scirocco 1.8i 16V	8/84-7/89						027109611D			
ENG. PL	**Golf II 1.8i 16V**	2/86-10/91	1781 ccm	95 kW (129 PS)	81 / 4						
	Jetta 1.8i 16V	2/86-10/91									
	Scirocco 1.8i 16V	2/86-7/92									
ENG. 9A	**Corrado 2.0i 16V**	8/91-7/95	1984 ccm	100 kW (136 PS)	82,5 / 4						
	Golf II 2.0i 16V	8/89-7/91									
	Passat 2.0i 16V	4/88-10/93									
ENG. ABD	**Golf III 1.4i**	11/91-7/95	1391 ccm	44 kW (60 PS)	75 / 4	IN	PVWG057	030109601L	36,0x7,0x99,3	45	9
	Vento 1.4i	1/92-7/95						030109601J			
						IN	PVWG058	030109601G	34,0x7,0x99,0	45	9
						EX	PVWG060	030109611D	29,0x7,0x99,2	45	9
ENG. 2G, 3F, NZ, AAV	**Polo 1.3i**	89-94	1272 ccm	40 kW (55 PS)	75 / 4	IN	PVWG057	030109601L	36,0x7,0x99,3	45	9
								030109601J			
						EX	PVWG060	030109611D	29,0x7,0x99,2	45	9
ENG. 1W	**Polo 1.4D**	10/90-7/94	1398 ccm	35 kW (48 PS)	75 / 4	IN	PVWG058	030109601G	34,0x7,0x99,0	45	9
ENG. AEV, ABD	**Polo 45**	94 →	1043 ccm	33 kW (45 PS)	75 / 4	EX	PVWG060	030109611D	29,0x7,0x99,2	45	9
	Golf Variant	94 →	1391 ccm	44 kW (60 PS)							
	Golf Ecomatic	94 →									
ENG. AAU, AEV	**Polo 1.05i**	10/90-6/96	1043 ccm	33 kW (45 PS)	75 / 4	IN	PVWG059	030109601M	32,0x7,0x99,2	45	9
								030109601N			
						EX	PVWG060	030109611D	29,0x7,0x99,2	45	9



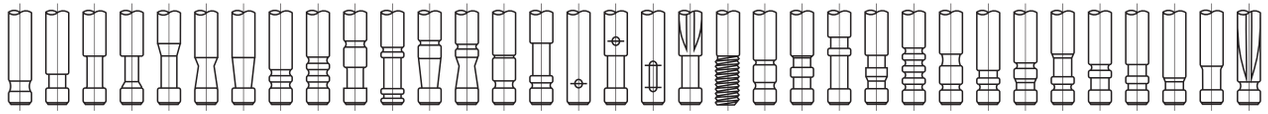
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN BENZYNA											
ENG. CH	**LT 28/31/35/40**	4/75-11/82	1984 ccm	55 kW (75 PS)	86,5 / 4	IN	PVWG061	046109601 046109601C	37,9x9,0x137,2	45	1`
						EX	PVWG062	046109611A	33,0x9,0x137,0	45	1
ENG. AFH	**Polo 1.4i 16V**	4/96-12/99	1390 ccm	74 kW (101 PS)	76,5 / 4	IN	PVWG063	036109601P	29,5x6,0x97,9	45	9
						EX	PVWG064	036109611L	26,0x6,0x97,3	45	9
ENG. ZA, ZF	**Passat 1.3**	5/73-1/78	1297 ccm	40-44 kW (55-60 PS)	75 / 4	IN	PVWG070	049109601F	34,0x8,0x98,5	45	9
ENG. EU	**Passat 1.3**	8/83-7/84	1272 ccm	44 kW (60 PS)	75 / 4			049109601K			
ENG. EP	**Passat 1.3** **Santana 1.3**	8/83-7/87 8/83-12/84	1297 ccm	44 kW (60 PS)	75 / 4	EX	PVWG071	049109611F	31,0x8,0x98,5	45	9
ENG. FB, FD	**Scirocco 1.5/1.5i**	2/74-9/75	1471 ccm	55-63 kW (75-85 PS)	76,5 / 4						
ENG. FH	**Golf I 1.5** **Passat 1.5** **Rabbit 1.5** **Scirocco 1.5**	2/74-12/75 →12/75 →7/80 2/74-12/75	1471 ccm	51 kW (70 PS)	76,5 / 4						
ENG. YJ, ZB, ZC	**Passat 1.5**	5/73-12/75	1471 ccm	55-63 kW (75-85 PS)	76,5 / 4						
ENG. FP	**Golf I 1.6** **Golf I 1.6i** **Scirocco 1.6i**	→12/83 8/75-7/77 8/76-7/77	1588 ccm	55 kW (75 PS)	79,5 / 4						
ENG. FR	**Jetta 1.6** **Scirocco 1.6**	8/80-2/84 8/75-7/83	1588 ccm	63 kW (85 PS)	79,5 / 4						
ENG. FV	**Golf I 1.6i** **Scirocco 1.6i**	1/76-7/79 1/76-7/79	1588 ccm	51 kW (70 PS)	79,5 / 4						
ENG. YP	**Passat 1.6** **Santana 1.6**	9/75-12/82 8/81-12/82	1588 ccm	63 kW (85 PS)	79,5 / 4						
ENG. EM	**Caddy 1.6** **Golf I 1.6** **Jetta 1.6** **Scirocco 1.6**	10/82-10/83 8/79-12/83 8/79-2/84 8/79-7/83	1588 ccm	55 kW (75 PS)	79,5 / 4						



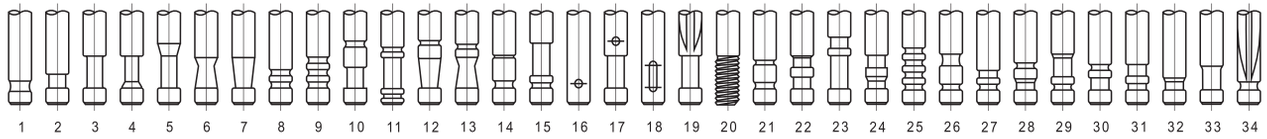
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN BENZYNA											
ENG. JB	**Caddy 1.5**	10/82-10/83	1457 ccm	51 kW (70 PS)	79,5 / 4	IN	PVWG070	049109601F	34,0x8,0x98,5	45	9
	Golf I 1.5	8/77-12/83						049109601K			
	Jetta 1.5	8/79-2/84				EX	PVWG071	049109611F	31,0x8,0x98,5	45	9
	Scirocco 1.5	8/77-12/82									
ENG. WP	**Passat 1.6**	8/80-7/81	1588 ccm	51 kW (70 PS)	79,5 / 4						
ENG. WT	**Quantum 1.7**	8/81-7/83	1716 ccm	58 kW (78 PS)	79,5 / 4						
ENG. WV	**Passat 1.6**	8/81-7/83	1588 ccm	55 kW (75 PS)	79,5 / 4						
	Santana 1.6	8/81-7/83									
ENG. YV	**Dasher 1.6 (USA)**	9/75-83	1588 ccm	63 kW (85 PS)	79,5 / 4						
	Rabbit 1.6	9/75-83									
ENG. EG	**Golf I 1.6i**	6/76-7/82	1588 ccm	81 kW (110 PS)	79,5 / 4	IN	PVWG072	049109601A	38,0x8,0x105,5	45	1
	Jetta 1.6i	8/79-7/82				EX	PVWG073	049109611A	31,0x8,0x105,5	45	1
	Scirocco 1.6i	8/76-7/82									
ENG. YS	**Passat 1.6i**	2/79-7/80	1588 ccm	81 kW (110 PS)	79,5 / 4						
ENG. JJ, GZ, KT, DX, EV, DZ	**Golf GLi**	1/83 →	1781 ccm	82 kW (112 PS)	81 / 4	IN	PVWG075	026109601	40,0x8,0x98,7	45	9
	Golf GTi	1/84 →				EX	PVWG026	035109611F	33,2x8,0x98,5	45	9
	Scirocco GLi/GTi/GTS	1/83 →						035109611H			
	Jetta 1.8i	82 →									
	Passat 1.8i	12/83-3/88									
	Passat Variant 1.8i	12/83-3/88									
	Passat	80-81	1921 ccm		81 / 5	IN	PVWG076	035109601	38,0x8,0x98,7	45	1
						EX	PVWG038	049109611G	31,1x8,0x98,5	45	1
ENG. HY	**Passat 2.2i**	8/84-7/88	2226 ccm	100 kW (136 PS)	81 / 5	IN	PVWG078	026109601C	40,0x8,0x90,9	45	9
ENG. PB	**Golf 1.8i**							026109601F			
	Golf II 1.8i	1/87-10/91	1781 ccm	82 kW (112 PS)	81 / 4			026109601A			
	Jetta 1.8i	1/87-10/91				IN	PVWG079		40,0x8,0x91,35	45	9
	Passat 1.8i	4/88-7/90				EX	PVWG030	053109611 048109611A		45	9



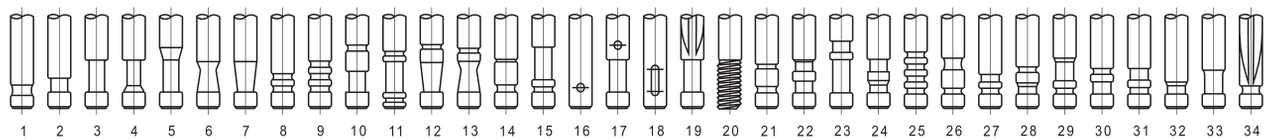
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN BENZYNA											
ENG. PF, RD	**Golf 1.8i**		1781 ccm	79 kW (107 PS)	81 / 4	IN	PVWG078	026109601C	40,0x8,0x90,9	45	9
	Golf II 1.8i	8/85-10/91						026109601F			
	Jetta 1.8i	8/85-10/91						026109601A			
	Passat 1.8i	4/88-7/90									
ENG. RV	**Golf 1.8i**		1781 ccm	77 kW (105 PS)	81 / 4	IN	PVWG079		40,0x8,0x91,35	45	9
	Golf II 1.8i	8/87-10/91				EX	PVWG030	053109611 048109611A		45	9
	Jetta 1.8i	8/87-10/91									
ENG. CCSA	**Golf VI 1.6 SRE**	11/07 →	1598 ccm	75 kW (102 PS)	76,5 / 4	IN	PVWG080	06B109601B	39,5x6,0x93,9	45	9
	Golf Plus 1.6 SRE	11/07-12/08						06B109601D			
	Jetta 1.6 SRE	1/08-6/09						06B109601H			
ENG. ALZ	**Passat 1.6i**	10/00-5/05	1595 ccm	75 kW (102 PS)	81 / 4	EX	PVWG081	06B109611B	33,0x6,0x93,9	45	9
ENG. AVU, BFQ	**Bora 1.6i**	9/00-5/05	1595 ccm	75 kW (102 PS)	81 / 4			06B109611C			
	Golf IV 1.6i	9/00-6/06	1595 ccm	75 kW (102 PS)	81 / 4						
ENG. AYD, BFS	**New Beetle 1.6i**	6/00 →									
ENG. BGU	**Caddy 1.6**	4/04-5/05	1595 ccm	75 kW (102 PS)	81 / 4						
	Golf V 1.6i	1/04-7/07									
	Touran 1.6i	7/03-5/05									
ENG. BSE, BSF	**Caddy 1.6i**	6/05 →	1595 ccm	75 kW (102 PS)	81 / 4						
	Caddy Maxi 1.6i	11/07 →									
	Golf V 1.6i	5/05 →									
	Golf VI 1.6 SRE	11/07-12/08									
ENG. BSE, BSF	**Golf Plus 1.6 SRE**	5/07 →	1595 ccm	75 kW (102 PS)	81 / 4	IN	PVWG080	06B109601B	39,5x6,0x93,9	45	9
	Jetta 1.6i	8/05 →						06B109601D			
	Jetta 1.6 SRE	8/05 →						06B109601H			
	Maxi 1.6i	11/07-8/10				EX	PVWG081	06B109611B	33,0x6,0x93,9	45	9
	Passat 1.6i	5/05 →						06B109611C			
	Touran 1.6i	6/05 →									



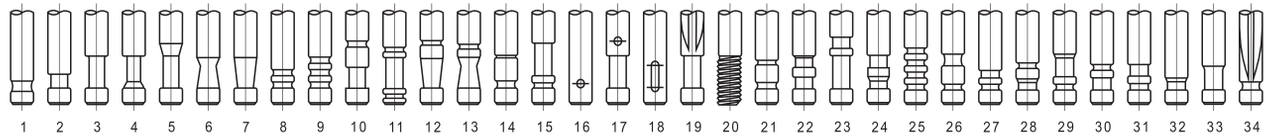
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLKSWAGEN BENZYNA											
ENG. CMXA, CHGA	**Golf VI 1.6 SRE/LPG**	3/09 →	1595 ccm	75 kW (102 PS)	81 / 4						
	Golf Plus 1.6 SRE/LPG	3/09 →									
ENG. AXW	**Golf V 2.0 FSI 16V**	10/03-7/05	1984 ccm	110 kW (150 PS)	82,5 / 4	IN	PVWG082	06D109601K	33,8x6,0x104,0	45	9
	Touran 2.0 FSI 16V	10/03-5/04						06E109601E			
ENG. BLR, BLY	**Golf V 2.0 FSI 16V**	5/04-7/07	1984 ccm	110 kW (150 PS)	82,5 / 4			06E109601F			
	Jetta 2.0 FSI 16V	8/05-11/05				EX	PVWG083	06D109611K	28,0x6,0x101,9	45	9
	Passat 2.0 FSI 16V	3/05-11/05						06D109611L			
	Touran 2.0 FSI 16V	5/04-11/05									
ENG. BLX, BVX	**Golf V 2.0 FSI 16V**	5/04-11/08	1984 ccm	110 kW (150 PS)	82,5 / 4						
	Passat 2.0 FSI 16V	9/05 →									
	Touran 2.0 FSI 16V	5/04-11/05									
ENG. BVY, BVZ	**Eos 2.0 FSI 16V**	5/06-5/08	1984 ccm	110 kW (150 PS)	82,5 / 4						
	Golf V 2.0 FSI 16V	5/05-11/08									
	Golf Plus 2.0 FSI 16V	5/07-6/08									
	Jetta 2.0 FSI 16V	12/05-6/08									
	Passat 2.0 FSI 16V	11/05 →									
	Touran 2.0 FSI 16V	11/05-1/07									
ENG. ALD, ANV, AUC	**Lupo 1.0i**	5/99-7/05	999 ccm	37 kW (50 PS)	67,1 / 4	IN	PVWG092	030109601AK	31,0x6,0x99,0	45	9
	Polo 1.0i	10/99-9/01				EX	PVWG093	030109611S	26,0x6,0x99,0	45	9
ENG. ATE	**Golf 1.0**		999 ccm	37 kW (50 PS)	67,1 / 4						
ENG. AKP, AKK, ANW	**Polo 1.4i**	10/99-9/01	1390 ccm	40-44 kW (54-60 PS)	76,5 / 4	IN	PVWG094	030109601AL	33,5x6,0x99,2	45	9
ENG. AUD	**Caddy 1.4i**	9/00-6/03	1390 ccm	44 kW (60 PS)	76,5 / 4	EX	PVWG036	030109611T	28,0x6,0x99,2	45	9
	Lupo 1.4i	9/00-7/05						03D109611A			
	Polo 1.4i	10/99-9/01						032109611L			



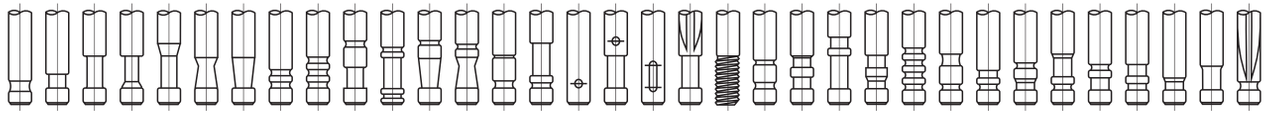
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN BENZYNA											
ENG. HA	**Derby, Polo 0.9**	9/75-12/81	895 ccm	29 kW (40 PS)	69,5 / 4	IN	PVWG107	052109601	31,5x8,0x104,0	45	1
ENG. HB, FA, GG	**Derby 1.1**	2/77-7/83	1093 ccm	37 kW (50 PS)	69,5 / 4	EX	PVWG004	052109611	28,0x8,0x104,0	45	1
	Golf I 1.1	4/74-7/83									
	Jetta I 1.1	8/78-2/84									
	Polo 1.1	3/75-9/89									
	Scirocco 1.1	4/74-7/79									
ENG. HC	**Polo 1.1**	3/75-9/81	1093 ccm	44 kW (60 PS)	69,5 / 4						
ENG. HH, HJ	**Derby 1.3**	2/77-7/83	1272 ccm	43-44 kW (58-60 PS)	75 / 4						
	Polo 1.3	12/76-7/83									
ENG. ADX	**Polo 1.3i**	9/94-4/97	1296 ccm	40 kW (54 PS)	76,5 / 4	IN	PVWG110	030109601AA	32,0x7,0x94,5	45	9
						EX	PVWG010	032109611G	29,0x7,0x95,0	45	9
ENG. DG	**Campmobil 1.9**	8/82-7/91	1915 ccm	57 kW (78 PS)	94 / 4	IN	PVWG115	025109601	39,8x8,0x122,3	45	9
	Transporter T2 1.9	8/82-7/92						025109601C	34,0x9,0x122,5		
ENG. DH	**Campmobil 1.9**	1/83-7/85	1915 ccm	60 kW (82 PS)	94 / 4	EX	PVWG116	025109612A	34,0x9,0x122,5	45	9
	Transporter T2 1.9	1/83-7/85									
	Vanagon 1.9	1/83-7/85									
ENG. GW	**Campmobil 1.9i**	8/83-7/85	1915 ccm	66 kW (90 PS)	94 / 4						
	Transporter T2 1.9i	8/83-7/85									
ENG. DJ	**Campmobil 2.1i**	8/85-7/91	2095 ccm	82 kW (112 PS)	94 / 4						
	Transporter T2 2.1i	8/84-7/92									
ENG. MV	**Campmobil 2.1i**	8/85-7/91	2095 ccm	70 kW (95 PS)	94 / 4						
	Transporter T2 2.1i	8/85-7/92									
	Vanagon 2.1i	8/85-7/92									
ENG. SR, SS	**Campmobil 2.1i**	8/86-7/91	2095 ccm	64-68 kW (87-92 PS)	94 / 4	IN	PVWG123		22,5x6,0x101,7	45	9
	Transporter T2 2.1i	8/86-7/92				EX	PVWG124		20,0x6,0x101,4	45	9
Polo 1.0 16V											



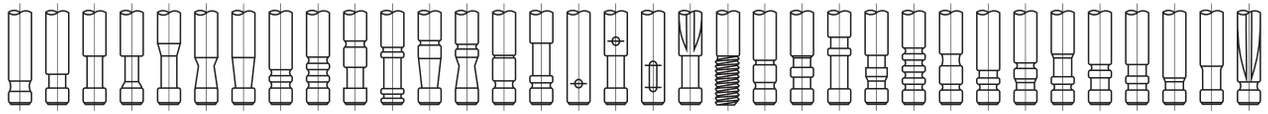
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN BENZYNA											
ENG. AAA	**Corrado 2.8i VR6(USA)**	8/91-7/95	2792 ccm	120-128 kW (163-174 PS)	81 / 6	IN	PVWG126	021109601E	39,0x7,0x106,0	45	9
	Gol 2.8i VR6							021109601H			
	Gol III/Vento VR6 2.8i	1/92-12/97						021109601J			
	Jetta 2.8i VR6	1/93 →						021109601K			
	Passat 2.8i VR6	6/91-12/96						021109601L			
	Sharan 2.8i VR6	9/95-3/98						95WW6507AA			
ENG. AES	**California T4 2.8i VR6**	1/96-5/00	2792 ccm	103 kW (140 PS)	81 / 6			1004128			
	EuroVan 2.8i	5/96-5/00						1072283			
	Transporter T4 2.8i VR6	1/96-5/00						1031317			
ENG. AMY	**Sharan 2.8i VR6**	4/98-2/00	2792 ccm	128 kW (174 PS)	81 / 6	EX	PVWG127	021109611D	34,3x7,0x107,0	45	9
ENG. AGZ	**Bora/Passat 2.3i 20V**	9/97-2/01	2324 ccm	110 kW (150 PS)	81 / 5			021109611F			
	Golf III 2.3i 20V	10/97-2/01						021109611G			
ENG. ABV	**Corrado 2.9i VR6**	08/91-7/95	2861 ccm	135-140 kW (184-190 PS)	82 / 6			95VW6505AA			
	Golf III/Passat 2.9i VR6	10/94-12/97						1031316			
								1004127			
ENG. AGL	**LT 28/31/35/40/45/ /46/50/55**	5/96-11/01	2295 ccm	105 kW (143 PS)	90,9 / 4	IN	PVWG129	1040531201	35,0x7,0x101,5	45	1
								1040531401			
								1110531101			
								1110532101			
								1110532301			
								1110532401			
								1110530023			
						EX	PVWG130	1110501227	31,0x7,0x103,5	45	1
								1110501427			
ENG. CBZA	**Caddy 1.2 TSI**	9/10 →	1198 ccm	63 kW (85 PS)	71 / 4	IN	PVWG131	03F109601A	35,5x6,0x98,7	45	9
	Golf VI 1.2 TSI	5/10-11/12				EX	PVWG132	03F109611B	30,0x6,0x98,4	45	9
	Golf Plus 1.2 TSI	5/10-5/11						03F109611C			
ENG. CBZB	**Beetle 1.2 TSI**	7/11 →	1198 ccm	77 kW (105 PS)	71 / 4						



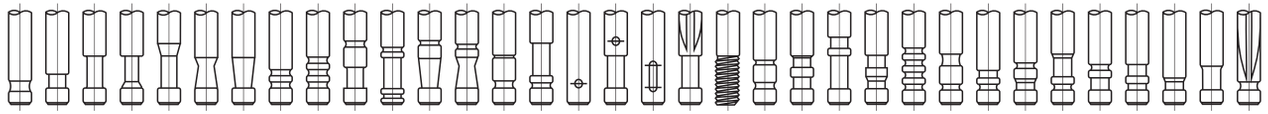
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLKSWAGEN BENZYNA											
	Caddy/Caddy Maxi 1.2 TSI	9/10 →									
	Golf VI 1.2 TSI	8/09-11/12									
	Golf Plus 1.2 TSI	11/09 →									
	Jetta 1.2 TSI	01/11 →									
	Polo 1.2 TSI	10/09 →									
	Touran 1.2 TSI	5/10 →									
ENG. CBZC	**Polo 1.2 TSI**	5/11 →	1198 ccm	66 kW (90 PS)	71 / 4						
ENG. FA	**Scirocco (53) 1.1**	04/74 - 07/79	1093 ccm	37 kW (50 PS)	4	IN	PVWG108	036109601B	34,0x8,0x104,0	45	9
ENG. FY	**Passat (32) 1.3**	05/73 - 07/80				EX	PVWG109	052109611A	28,0x8,0x104,0	45	9
	Passat Variant (33) 1.3	05/73 - 07/80									
	Passat (32B) 1.3	08/80 - 07/83									
	Passat Variant (33B) 1.3	08/0 - 07/83									
ENG. FZ	**Passat (32) 1.3**	01/78 - 07/80	1272 ccm	44 kW (60 PS)	4						
	Passat (32B) 1.3	08/80 - 07/86									
	Passat Variant (33B)	08/80 - 07/86									
	Santana (32B) 1.3	08/81 - 07/83									
ENG. GF	**Golf I (17) 1.3**	08/79 - 07/83	1272 ccm	44 kW (60 PS)	4						
	Jetta I (16) 1.3	08/79 - 02/84									
	Scirocco (53) 1.3	08/79 - 07/80									
	Scirocco (53B) 1.3	08/80 - 12/83									
ENG. GG	**Golf I (17) 1.1**	04/74 - 07/83	1093 ccm	37 kW (50 PS)	4						
	Jetta I (16) 1.1	08/79 - 02/84									
ENG. HB	**Derby (86) 1.1**	02/77 - 09/81	1093 ccm	37 kW (50 PS)	4						
	Derby (86C, 80) 1.1	10/81 - 07/83									
	Polo (86) 1.1	03/75 - 09/81									



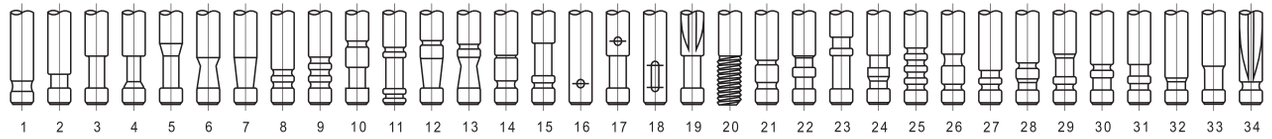
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLKSWAGEN BENZYNA											
	Polo (86C, 80) 1.1	10/81 - 09/89				IN	PVWG108	036109601B	34,0x8,0x104,0	45	9
	Polo Coupe (86C, 80) 1.1	10/81 - 07/83				EX	PVWG109	052109611A	28,0x8,0x104,0	45	9
ENG. HC	**Polo (86) 1.1**	03/75 - 09/81	1093 ccm	44 kW (60 PS)	4						
ENG. HH	**Derby (86) 1.3**	02/77 - 09/81	1272 ccm	44 kW (60 PS)	4						
	Derby (86C, 80) 1.3	08/81 - 07/83									
	Polo (86) 1.3	12/76 - 09/81									
	Polo (86C, 80) 1.3	10/81 - 07/83									
	Polo Coupe (86C, 80) 1.3	10/81 - 07/83									



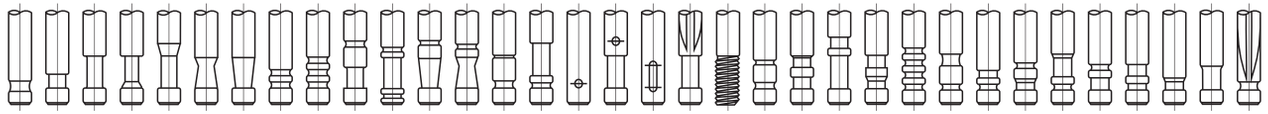
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN DIESEL											
ENG. CK	**Dasher 1.5 D (USA)**	8/76-7/81	1471 ccm	37 kW (50 PS)	76,5 / 4	IN	PVWG012	068109601	34,0x8,0x104,9	45	1
	Golf I 1.5 D	8/76-7/80				EX	PVWG013	068109611	31,2x8,0x104,6	45	1
	Passat 1.5 D	8/77-7/80						1257054			
	Rabbit 1.5 D	9/76-8/80				IN	PVWG014	068109601C	34,0x8,0x104,9	45	9
ENG. CR	**Dasher 1.6 D (USA)**	3/81-7/82	1588 ccm	40 kW (54 PS)	76,5 / 4			068109601D			
	Golf I 1.6 D	8/80-7/82				EX	PVWG015	068109611C	31,2x8,0x104,6	45	9
	Jetta 1.6 D	8/80-2/84						068109611D			
	Passsat 1.6 D	8/80-7/82						072109611			
	Pickup 1.6 D (USA)	3/81-7/82						1328089-6			
	Rabbit 1.6 D	3/81-7/82						1328148			
	Santana 1.6 D	8/81-7/82						1389262-5			
	Vanagon 1.6 D	81-82						9135927			
ENG. CS	**Campmobil 1.6 D**	1/81-7/87	1588 ccm	37 kW (50 PS)	76,5 / 4						
	Quantum 1.6 D	1/81-7/87									
	Rabbit 1.6 D	1/81-7/87									
	Transporter T2 1.6 D	1/81-7/87									
	Vanagon 1.6 D	8/81-7/84									
ENG. JX	**Campmobil 1.6 TD**	8/84-7/91	1588 ccm	51 kW (70 PS)	76,5 / 4	IN	PVWG014	068109601C	34,0x8,0x104,9	45	9
ENG. 1C	**Iltis 1.6 TD**	8/87-12/88	1588 ccm	51 kW (70 PS)	76,5 / 4			068109601D			
ENG. KY	**Campmobil 1.7 D**	8/84-7/91	1716 ccm	42 kW (57 PS)	76,5 / 4	EX	PVWG015	068109611C	31,2x8,0x104,6	45	9
	Transporter T2 1.7 D	8/84-7/92						068109611D			
								072109611			
								1328089-6			
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								1389262-5			
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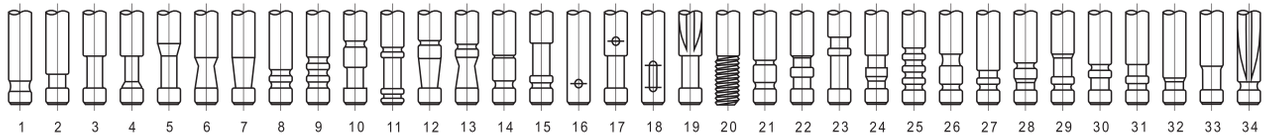
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN DIESEL											
ENG. 682		ENG. 12/77-1/82	1471 ccm	33 kW (46 PS)	76,5 / 4	IN	PVWG014	068109601C	34,0x8,0x104,9	45	9
ENG. 685			1588 ccm	36 kW (48 PS)	76,5 / 4			068109601D			
ENG. CY	**Golf I 1.6 TD**	3/82-12/83	1588 ccm	51 kW (70 PS)	76,5 / 4	EX	PVWG015	068109611C	31,2x8,0x104,6	45	9
	Jetta 1.6 TD	8/82-2/84						068109611D			
	Passat 1.6 TD	12/81-3/88						072109611			
	Quantum 1.6 TD	8/81-7/85						1328089-6			
	Rabbit 1.6 TD	8/81-7/84						1328148			
	Santana 1.6 TD	12/81-12/84						1389262-5			
ENG. JK	**Caddy 1.6 D**	10/82-7/90	1588 ccm	40 kW (54 PS)	76,5 / 4			9135927			
	Golf I 1.6 D	8/82-12/84				IN	PVWG016	068109601L	34,0x8,0x95,1	45	9
	Jetta 1.6 D	8/82-2/84						068109601M			
	Passat 1.6 D	8/81-3/88						068109601N			
	Pickup 1.6 D (USA)	8/82-7/84				EX	PVWG017	068109611L	31,2x8,0x95,0	45	9
	Rabbit 1.6 D	8/82-7/84						068109611M			
	Santana 1.6 D	8/82-12/84									
	Saveiro 1.6 D	→ 11/98									
	Vanagon 1.6 D	83-84									
ENG. 68A, 68C		4/83-3/94	1588 ccm	45-50 kW (61-67 PS)	76,5 / 4						
ENG. JP	**Golf 1.6 D**		1588 ccm	40 kW (54 PS)	76,5 / 4						
	Golf II 1.6 D	8/83-10/91									
	Jetta 1.6 D	12/83-10/91									
ENG. JR	**Golf 1.6 TD**		1588 ccm	51 kW (70 PS)	76,5 / 4						
	Golf II 1.6 TD	8/83-10/91									
	Jetta 1.6 TD	12/83-10/91									
ENG. 686, 68D		ENG. 3/89-3/94	1588 ccm	36-45 kW (48-61 PS)	76,5 / 4						



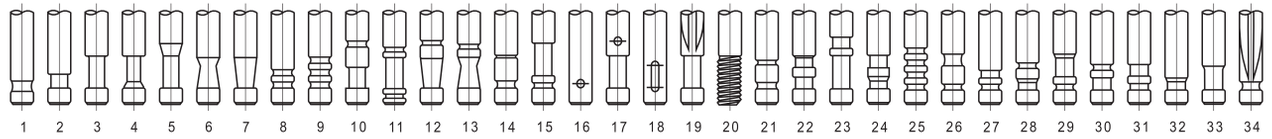
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN DIESEL											
ENG. CR	**Dasher 1.6 D (USA)**	3/81-7/82	1588 ccm	40 kW (54 PS)	76,5 / 4	IN	PVWG016	068109601L	34,0x8,0x95,1	45	9
	Golf I 1.6 D	8/80-7/82						068109601M			
	Jetta 1.6 D	8/80-2/84						068109601N			
	Passsat 1.6 D	8/80-7/82				EX	PVWG017	068109611L	31,2x8,0x95,0	45	9
	Pickup 1.6 D (USA)	3/81-7/82						068109611M			
	Rabbit 1.6 D	3/81-7/82									
	Santana 1.6 D	8/81-7/82									
	Vanagon 1.6 D	81-82									
ENG. ME, MF	**Caddy 1.6 D**	8/90-7/92	1588 ccm	40-51 kW (54-70 PS)	76,5 / 4						
	Golf 1.6 D										
	Golf II 1.6 D	5/88-7/92									
	Jetta 1.6 D	5/88-7/92									
ENG. SB, RA, 1V	**Golf 1.6 TD**		1588 ccm	44-59 kW (60-80 PS)	76,5 / 4						
	Golf II 1.6 TD	4/89-7/92									
	Jetta 1.6 TD	4/89-7/92									
	Passat 1.6 TD	8/88-10/93									
ENG. CP	**LT 28/31/33/35/ 40/50 D**	8/78-11/82	2383 ccm	55 kW (75 PS)	76,5 / 6	IN	PVWG018	069109601	36,0x8,0x104,9		
								1257053			
ENG. DW	**Campmobil 2.4**	8/83-7/89	2383 ccm	55 kW (75 PS)	76,5 / 6	IN	PVWG019	069109601C	36,0x8,0x104,9		
	LT 28/31/35/40/50 D	12/82-7/92						069109601D			
								1328088-8			
								1328147			
								1389261-7			
						EX	PVWG013	068109611	31,2x8,0x104,6		
								1257054			
						EX	PVWG015	068109611C	31,2x8,0x104,6		
								068109611D			
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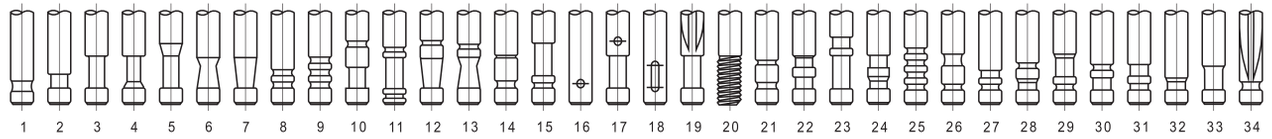
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN DIESEL											
ENG. DW	**Campmobil 2.4**	8/83-7/89	2383 ccm	55 kW (75 PS)	76,5 / 6	IN	PVWG019	069109601C	36,0x8,0x104,9	45	9
	LT 28/31/35/40/50 D	12/82-7/92						069109601D			
ENG. DV	**LT 28/31/35/ 40/45/50/55 TD**	12/82-7/92	2383 ccm	75 kW (102 PS)	76,5 / 6			1328088-8			
								1328147			
ENG. 1G	**Campmobil 2.4**	8/88-7/92	2383 ccm	68 kW (92 PS)	76,5 / 6			1389261-7			
	LT 28/31/35/ 40/45/50/55 TD	8/88-7/92				IN	PVWG020	069109601F	36,0x8,0x95,1	45	9
						IN	PVWG096	069109601H	36,0x8,0x95,0	45	9
						EX	PVWG015	068109611C	31,2x8,0x104,6	45	9
								068109611D			
								072109611			
								1328089-6			
								1328148			
								1389262-5			
								9135927			
						EX	PVWG017	068109611L	31,2x8,0x95,0	45	9
								068109611M			



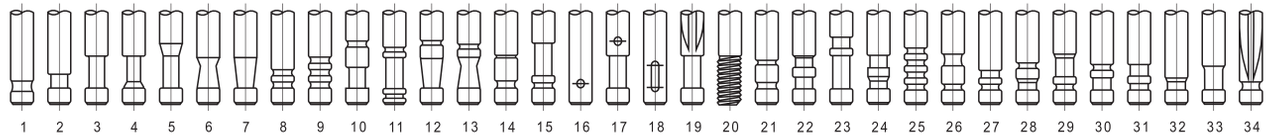
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN DIESEL											
ENG. 1Y	**Caddy 1.9 D**	11/95-9/05	1896 ccm	47 kW (64 PS)	79,5 / 4	IN	PVWG020	069109601F	36,0x8,0x95,1	45	9
	Golf 1.9 D	6/02-7/06				EX	PVWG067	074109611	31,1x8,0x95,5	45	9
	Golf III 1.9 D	11/91-2/99									
	Parati 1.9 D	8/98-3/06									
	Passat 1.9 D	5/89-10/93									
	Polo 1.9 D	1/96-10/96									
	Polo Classic 1.9 D	5/96-9/05									
	Seveiro 1.9 D	6/02-3/06									
	Vento 1.9 D	1/92-12/97									
ENG. AEF	**Caddy 1.9 D**	6/96-12/00	1896 ccm	47 kW (64 PS)	79,5 / 4						
	Polo 1.9 D	10/94-7/01									
ENG. AEY, AGD	**Caddy 1.9 SDI**	11/95-9/00	1896 ccm	47 kW (64 PS)	79,5 / 4						
	Golf 1.9 SDI										
	Golf III 1.9 SDI	7/95-2/99									
	Polo 1.9 SDI	12/95-9/01									
	Vento 1.9 SDI	7/95-12/97									
ENG. AGP	**Bora 1.9 SDI**		1896 ccm	50 kW (68 PS)	79,5 / 4						
	Golf IV 1.9 SDI										
	Polo 1.9 SDI										
ENG. 1E	**Campmobil 2.4**	8/88-12/95	2383 ccm	70 kW (95 PS)	79,5 / 6						
	LT 28/31/35/40/ 45/50/55	8/88-12/95									
ENG. 1X	**California T4 1.9 D**	9/90-7/95	1896 ccm	44 kW (60 PS)	79,5 / 4						
	Transporter T4 1.9 D	9/90-12/95									
ENG. AAB, AJA	**California T4 2.4 D**	9/90-4/02	2370 ccm	55-57 kW (75-78 PS)	79,5 / 5						
	Caravelle 2.4 D	2/98-12/00									
	EuroVan 2.4 D	7/95-12/00									
	Transporter T4 2.4 D	9/90-6/03									



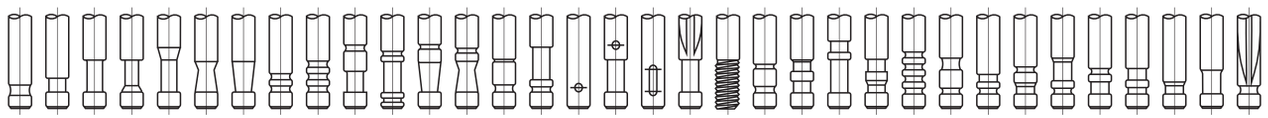
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLKSWAGEN DIESEL											
ENG. AFD		ENG. 4/94-1/02	1896 ccm	60 kW (82 PS)	79,5 / 4	IN	PVWG023	028109601D	36,0x7,0x96,85	45	9
ENG. AHH	**Passat 1.9 TDI**	5/98-8/00	1896 ccm	66 kW (90 PS)	79,5 / 4			028109601K			
ENG. ALE	**Caddy 1.9 TDI**	9/97-9/00	1896 ccm	66 kW (90 PS)	79,5 / 4			1079769			
	Golf 1.9 TDI					EX	PVWG024	028109611G	31,5x7,0x96,8	45	9
	Golf III 1.9 TDI	5/96-12/01						1049788			
	Vento 1.9 TDI	4/97-12/97									
ENG. AGR	**Bora 1.9 TDI**	10/98-5/05	1896 ccm	66 kW (90 PS)	79,5 / 4						
	Golf 1.9 TDI										
	Golf IV 1.9 TDI	10/99 →									
	Polo 1.9 TDI	10/99-9/01									
	Polo Classic 1.9 TDI	3/99-9/05									
ENG. ALH	**Bora 1.9 TDI**	9/98-5/05	1896 ccm	66 kW (90 PS)	79,5 / 4						
	Caddy 1.9 TDI	9/00-6/03									
	Golf IV 1.9 TDI	10/97-5/06									
	Jetta 1.9 TDI	11/98 →									
	New Beetle 1.9 TDI	1/98-7/05									
	Polo 1.9 TDI	10/99-9/01									
ENG. AVG	**Golf IV 1.9 TDI**	8/99-10/00	1896 ccm	81 kW (110 PS)	79,5 / 4						
	Passat 1.9 TDI	8/99-8/00									
	Sharan 1.9 TDI	8/99-2/00									
ENG. ASV, AHF	**Bora 1.9 TDI**	9/98-5/05	1896 ccm	81 kW (110 PS)	79,5 / 4						
	Golf IV 1.9 TDI	10/97-6/06									
	Polo 1.9 TDI	10/99-9/01									
ENG. AVM		ENG. 11/00 →	1896 ccm	63 kW (86 PS)	79,5 / 4						
ENG. BEU		ENG. 11/02 →	1896 ccm	43 kW (58 PS)	79,5 / 4						
ENG. BJC		ENG. 11/03 →	1896 ccm	50 kW (68 PS)	79,5 / 4						



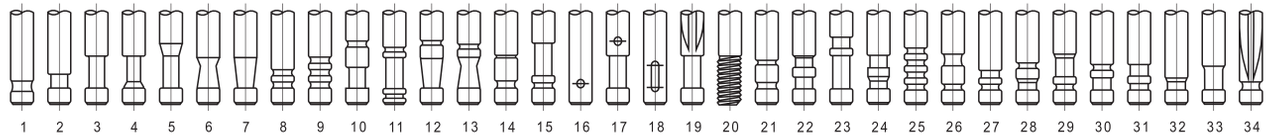
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN DIESEL											
ENG. AFN	**Golf III 1.9 TDI**	2/96-8/99	1896 ccm	81 kW (110 PS)	79,5 / 4	IN	PVWG023	028109601D	36,0x7,0x96,85	45	9
	Passat 1.9 TDI	3/96-8/99						028109601K			
	Polo 1.9 TDI	6/98-8/99						1079769			
	Sharan 1.9 TDI	12/96-7/99				IN	PVWG027	028109601A	36,0x8,0x96,8	45	9
	Vento 1.9 TDI	2/96-12/97						028109601H			
ENG. 1Z	**Caddy 1.9 TDI**	10/96-3/97	1896 ccm	66 kW (90 PS)	79,5 / 4			046109601G			
	Golf III 1.9 TDI	7/93-7/96						046109601H			
	Passat 1.9 TDI	10/93-12/96						046109601J			
	Sharan 1.9 TDI	9/95-7/96						049109601J			
	Vento 1.9 TDI	7/93-7/96						1669766			
ENG. AHU	**Caddy 1.9 TDI**	10/96-9/00	1896 ccm	66 kW (90 PS)	79,5 / 4			9186565			
	Golf III 1.9 TDI	7/96-6/00				EX	PVWG024	028109611G	31,5x7,0x96,8	45	9
	Jetta 1.9 TDI	8/96 →						1049788			
	Passat 1.9 TDI	8/96-8/00				EX	PVWG028	046109611C	31,5x8,0x96,9	45	9
	Polo 1.9 TDI	1/97-8/00						046109611E			
	Sharan 1.9 TDI	8/96-2/00						046109611F			
	Vento 1.9 TDI	8/96-12/97						1669772			
								9186566			



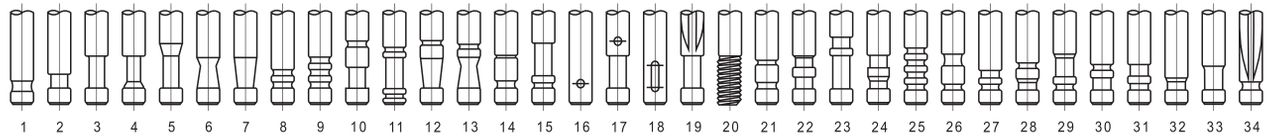
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN DIESEL											
ENG. ACV, AUF, AXL, AYC	**California T4 2.5 TDI**	1/96-9/03	2461 ccm	75 kW (102 PS)	81 / 5	IN	PVWG027	028109601A	36,0x8,0x96,9	45	9
	Transporter T4 2.5 TDI	9/95-6/03						028109601H			
ENG. AGX	**LT 28/35 SDI**	5/96-4/01	2461 ccm	55 kW (75 PS)	81 / 5			046109601G			
ENG. AHD, ANJ, AVR	**LT 28/35/46 TDI**	5/96-7/06	2461 ccm	75-80 kW (102-109 PS)	81 / 5			046109601H			
ENG. AHY, AXG	**California T4 2.5 TDI**	7/99-9/03	2461 ccm	111 kW (151 PS)	81 / 5			046109601J			
	Transporter T4 2.5 TDI	5/98-6/03						049109601J			
ENG. AJT, AYY	**California T4 2.5 TDI**	5/98-9/03	2461 ccm	65 kW (88 PS)	81 / 5			1669766			
	Transporter T4 2.5 TDI	5/98-6/03						9186565			
ENG. APA, BBE, BBF	**LT 28/35/46 TDI**	5/99-7/06	2461 ccm	61-70 kW (83-95 PS)	81 / 5	EX	PVWG028	046109611C	31,5x8,0x96,9	45	9
ENG. ANF		2/02 →	2461 ccm	55 kW (75 PS)	81 / 5			046109611E			
ENG. ANG		2/02 →	2461 ccm	88 kW (120 PS)	81 / 5			046109611F			
ENG. ANH		2/02 →	2461 ccm	111 kW (150 PS)	81 / 5			1669772			
ENG. BBR		1/03 →	2461 ccm	80 kW (109 PS)	81 / 5			9186566			
ENG. BCT		2/02 →	2461 ccm	40 kW (55 PS)	81 / 5						
ENG. BCU		2/02 →	2461 ccm	74 kW (101 PS)	81 / 5						
ENG. BCV		2/02 →	2461 ccm	108 kW (147 PS)	81 / 5						
ENG. BTW		4/05 →	2460 ccm	121 kW (165 PS)	81 / 5						
ENG. BJJ, CEBA	**Crafter 2.5 TDI**	4/06 →	2461 ccm	65 kW (88 PS)	81 / 5						
	LT 28/35/46 TDI	4/06 →									
ENG. BJK, CEBB	**Crafter 2.5 TDI**	4/06 →	2459 ccm	80 kW (109 PS)	81 / 5						
	LT 28/35/46 TDI	4/06 →									
ENG. BJL, CECA	**Crafter 2.5 TDI**	4/06 →	2459-2461 ccm	100 kW (136 PS)	81 / 5						
	LT 28/35/46 TDI	4/06 →									
ENG. BJM, CECB	**Crafter 2.5 TDI**	4/06 →	2459-2461 ccm	120 kW (163 PS)	81 / 5						
	LT 28/35/46 TDI	4/06 →									



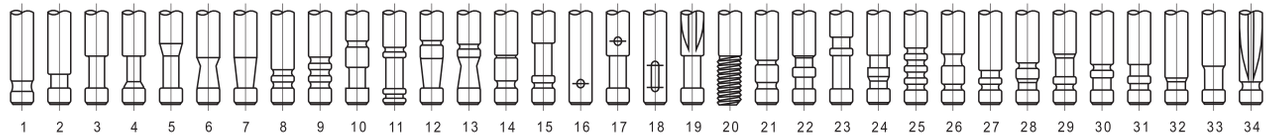
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN DIESEL											
ENG. 1Y	**Caddy 1.9 D**	11/95-9/05	1896 ccm	47 kW (64 PS)		IN	PVWG033	028109601B	36,0x7,0x95,5	45	9
	Golf 1.9 D	6/02-7/06				IN	PVWG119	028109601C	35,9x7,0x95,6	45	9
	Golf III 1.9 D	11/91-2/99				EX	PVWG034	028109611B	31,5x7,0x95,6	45	9
	Parati 1.9 D	8/98-3/06						028109611E			
	Passat 1.9 D	5/89-10/93									
	Polo 1.9 D	1/96-10/96									
	Polo Classic 1.9 D	5/96-9/05									
	Seveiro 1.9 D	6/02-3/06									
	Vento 1.9 D	1/92-12/97									
ENG. AAZ	**Golf 1.9 TD**	6/98-5/02	1896 ccm	55 kW (75 PS)							
	Golf III 1.9 TD	11/91-2/99									
	Jetta 1.9 TD	8/92-12/98									
	Passat 1.9 TD	3/91-12/96									
	Vento 1.9 TD	3/91-12/97									
ENG. ABL	**California T4 1.9 TD**	8/92-4/02	1896 ccm	50 kW (68 PS)							
	Golf 1.9 TD										
	Transporter T4 1.9 TD	10/92-6/03									
ENG. ADE		4/94-1/02	1896 ccm	55 kW (75 PS)							
ENG. ADG		4/94 →	1896 ccm	48 kW (65 PS)							
ENG. AEF		6/96-12/00	1896 ccm	47 kW (64 PS)							
ENG. BGG	**Parati 1.9 D**	6/02-3/06	1896 ccm	47 kW (64 PS)							
	Seveiro 1.9 D	6/02-3/06									
ENG. AFB, AKN	**Passat 2.5 TDI**	8/98-5/03	2496 ccm	110 kW (150 PS)	78,3 / 6	IN	PVWG043	059109601C 059109601B	27,0x6,0x100,5	45	9
						EX	PVWG044	059109611C 059109611B	24,0x6,0x100,5	45	9



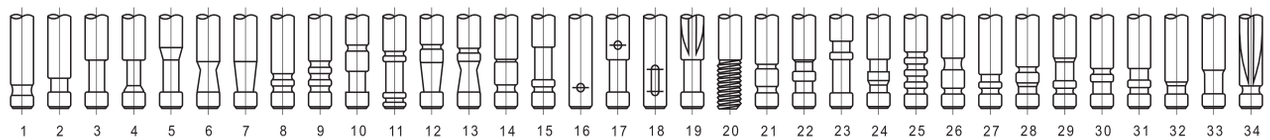
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN DIESEL											
ENG. AEF	**Caddy 1.9 D** **Polo 1.9 D**	6/96-12/00 6/96-12/00	1896 ccm	47 kW (64 PS)	79,5 / 4	IN	PVWG043	059109601C 059109601B	27,0x6,0x100,5	45	9
ENG. AHB, AHG, AKW	**Caddy 1.7 SDI** **Polo 1.7 SDI**	7/96-9/00 4/97-12/99	1716 ccm	42 kW (57 PS)	79,5 / 4	EX	PVWG044	059109611C 059109611B	24,0x6,0x100,5	45	9
ENG. AKU	**Lupo 1.7 SDI** **Polo 1.7 SDI**	10/98-7/05 8/97-4/00	1716 ccm	44 kW (60 PS)	79,5 / 4						
ENG. AQM, ASX	**Golf IV 1.9 SDI** **Jetta 1.9 SDI** **Polo 1.9 SDI**	11/98-6/06 2/02 → 10/99-9/01	1896 ccm	47-50 kW (64-68 PS)	79,5 / 4						
ENG. ASY, AYQ	**Caddy 1,9 SDI** **Fox 1.9 SDI** **Polo 1.9 SDI** **Polo Sedan 1.9 SDI** **Spacefox 1.9 SDI** **Sportvan 1.9 SDI** **Suran 1.9 SDI**	9/00-6/03 12/07 → 11/01 → 11/02 → 9/07 → 9/07 → 9/07 →	1896 ccm	47 kW (64 PS)	79,5 / 4						
ENG. ARD, ANC		1/02 →	1896 ccm	44 kW (60 PS)	79,5 / 4						
ENG. BEQ		2/02 →	1896 ccm	33 kW (45 PS)	79,5 / 4						
ENG. BGL		2/03 →	1896 ccm	37 kW (50 PS)	79,5 / 4						
ENG. BGM		2/03 →	1896 ccm	29 kW (40 PS)	79,5 / 4						
ENG. CDXA, CDXB		10/07 →	1896 ccm	29 kW (40 PS)	79,5 / 4						
ENG. BXT		5/06 →	1896 ccm	30 kW (41 PS)	79,5 / 4						
ENG. AEY, AGD	**Caddy 1.9 SDI** **Golf 1.9 SDI** **Golf III 1.9 SDI** **Polo 1.9 SDI** **Vento 1.9 SDI**	11/95-9/00 7/95-2/99 12/95-9/01 10/07 →	1896 ccm	47 kW (64 PS)	79,5 / 4						
ENG. AGP	**Bora 1.9 SDI** **Golf IV 1.9 SDI** **Polo 1.9 SDI**	5/99-4/01 10/97-4/01 10/99-9/01	1896 ccm	50 kW (68 PS)	79,5 / 4						



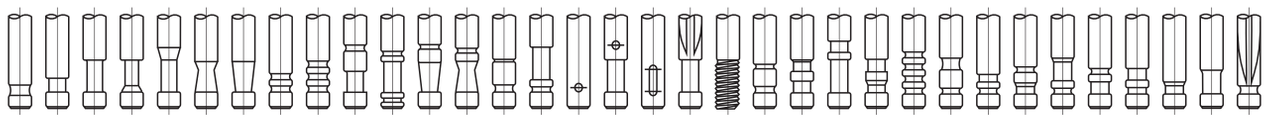
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN DIESEL											
ENG. MN	**Polo 1.3D**	8/85-7/90	1272 ccm	33 kW (45 PS)	75 / 4	IN	PVWG053	030109601	34,0x8,0x99,1	45	9
ENG. 1W	**Polo 1.4D**	10/90-7/94	1398 ccm	35 kW (48 PS)	75 / 4	EX	PVWG006	030109611A	28,9x8,0x99,1	45	9
ENG. AJM	**Bora 1.9 TDI**	11/98-7/01	1896 ccm	85 kW (115 PS)	79,5 / 4	IN	PVWG065	038109601B	35,9x7,0x89,9	45	9
	Golf IV 1.9 TDI	5/99-10/01						1100679			
	Passat 1.9 TDI	1/99-12/99				EX	PVWG066	038109611B	31,5x7,0x90,0	45	9
ENG. AXC Euro 3	**California T5 1.9 TDI**	5/07-11/09	1896 ccm	63 kW (85 PS)	79,5 / 4			038109611F			
	Transporter T5 1.9 TDI	4/03→						1100678			
ENG. ANU	**Sharan 1.9 TDI**	3/99 →	1896 ccm	66 kW (90 PS)	79,5 / 4						
ENG. AMF	**Lupo 1.4 TDI**	5/99-7/05	1422 ccm	55 kW (75 PS)	79,5 / 3						
	Polo 1.4 TDI	10/99-5/05									
	Polo Sdean 1.4 TDI	6/03-7/06									
ENG. ATJ	**Passat 1.9 TDI**	1/00-8/00	1896 ccm	85 kW (116 PS)	79,5 / 4						
ENG. ATD	**Bora 1.9 TDI**	5/00-5/06	1896 ccm	74 kW (101 PS)	79,5 / 4						
	Golf IV 1.9 TDI	2/00-6/06									
	New Beetle 1.9 TDI	3/00 →									
	Polo 1.9 TDI	11/01 →									
	Polocross 1.9 TDI	11/05 →									
ENG. AUY	**Bora 1.9 TDI**	5/00-7/01	1896 ccm	85 kW (116 PS)	79,5 / 4						
	Golf IV 1.9 TDI	1/00-10/01									
	Sharan 1.9 TDI	4/00 →									
ENG. AVB	**Passat 1.9 TDI**	2/00-5/05	1896 ccm	74 kW (101 PS)	79,5 / 4						
ENG. AXB Euro 3	**California T5 1.9 TDI**	5/07-11/09	1896 ccm	77 kW (105 PS)	79,5 / 4						
	Transporter T5 1.9 TDI	4/03 →									
ENG. ARL	**Bora 1.9 TDI**	9/00-5/05	1896 ccm	110 kW (150 PS)	79,5 / 4						
	Golf IV 1. TDI	9/00-6/06									



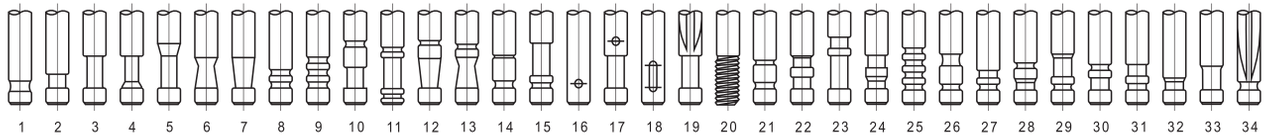
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN DIESEL											
ENG. ASZ	**Bora 1.9 TDI**	4/01-5/05	1896 ccm	96 kW (130 PS)	79,5 / 4	IN	PVWG065	038109601B	35,9x7,0x89,9	45	9
	Golf IV 1.9 TDI	4/01-6/06						1100679			
	Polo 1.9 TDI	11/03-5/08				EX	PVWG066	038109611B	31,5x7,0x90,0	45	9
	Sharan 1.9 TDI	11/02 →						038109611F			
ENG. AVF, AWX	**Bora 1.9 TDI**	4/97-12/97	1896 ccm	96 kW (130 PS)	79,5 / 4			1100678			
	Passat 1.9 TDI	10/00-5/05									
ENG. BLT	**Polo 1.9 TDI**	5/04 →	1896 ccm	96 kW (130 PS)	79,5 / 4						
ENG. BTB	**Sharan 1.9 TDI**	1/05-5/07	1896 ccm	110 kW (150 PS)	79,5 / 4						
ENG. BVK	**Sharan 1.9 TDI**	11/05 →	1896 ccm	85 kW (116 PS)	79,5 / 4						
ENG. AYH	**Touareg 5.0 TDI**	11/02-11/05	4921 ccm	230 kW (310 PS)	81 / 10						
ENG. AJS	**Phaeton 5.0 TDI**	12/02-10/06	4921 ccm	230 kW (310 PS)	81 / 10						
ENG. AXD Euro 3	**California T5 2.5 TDI**	5/07-11/09	2460 ccm	96 kW (130 PS)	81 / 5						
	Transporter T5 2.5 TDI	4/03 →									
ENG. BAC	**Touareg 2.5 TDI**	1/03-11/06	2461 ccm	128 kW (174 PS)	81 / 5						
ENG. BLJ	**California T5 2.5 TDI**	5/07-11/09	2461 ccm	120 kW (163 PS)	81 / 5						
	Transporter T5 2.5 TDI	11/03-11/09									
ENG. BLK	**Touareg 2.5 TDI**	7/03-11/06	2460 ccm	120 kW (163 PS)	81 / 5						
ENG. AXE Euro 3	**California T5 2.5 TDI**	5/07-11/09	2460 ccm	128 kW (174 PS)	81 / 5						
	Transporter T5 2.5 TDI	4/03 →									
ENG. 2L	**Taro 2.4 D**	89 →	2466 ccm	53-62 kW (72-85 PS)	92 / 4	IN	PVWG068	13711-17010	42,5x8,0x103,5	45	1
								13711-54020			
						EX	PVWG069	13715-17010	36,1x8,0x103,5	45	1
								13715-54040			



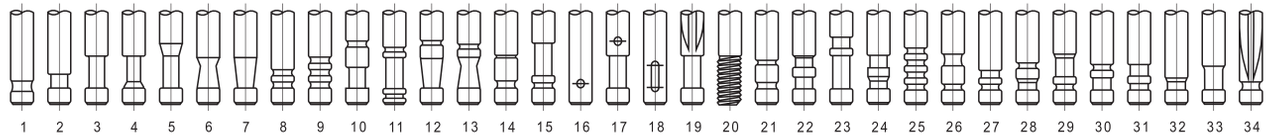
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN DIESEL											
ENG. AZV, BKD	**Golf V 2.0 TDI 16V**	10/03 →	1968 ccm	100-103 kW (136-140 PS)	81 / 4	IN	PVWG084	03G109601A	29,4x6,0x88,5	45	9
	Golf Plus 2.0 TDI 16V	5/07 →				EX	PVWG085	03G109611B	25,5x6,0x88,2	45	9
	Jetta 2.0 TDI 16V	8/05-6/08				IN	PVWG086	03G109601B	29,2x6,0x87,8	45	9
	Touran 2.0 TDI 16V	2/03 →						MN980080			
	Vento 2.0 TDI 16V	2/06 →						68001582AA			
ENG. BKP, BMA	**Passat 2.0 TDI 16V**	3/05-5/09	1968 ccm	100-103 kW (136-140 PS)	81 / 4	EX	PVWG087	03G109611D	25,5x6,0x87,5	45	9
ENG. BMV, BVE	**Passat 2.0 TDI 16V**	3/05-5/07	1968 ccm	88-90 kW (120-122 PS)	81 / 4			MN980081			
ENG. BMR	**Passat 2.0 TDI 16V**	2/06 →	1968 ccm	125 kW (170 PS)	81 / 4			68001583AA			
ENG. BUZ	**Passat 2.0 TDI 16V**	10/05 →	1968 ccm	120 kW (163 PS)	81 / 4						
ENG. BMN	**Golf V 2.0 TDI 16V**	1/03-5/05	1968 ccm	125 kW (170 PS)	81 / 4						
	Jetta 2.0 TDI 16V	5/03-5/05									
	Touran 2.0 TDI 16V	12/05 →									
ENG. BAU, BDH	**Passat 2.5 TDI 24V**	1/03-5/05	2496 ccm	132 kW (179PS)	78,3 / 6	IN	PVWG088	059109601F	27,1x6,0x100,5	45	9
ENG. BDG	**Passat 2.5 TDI 24V**	5/03-5/05	2496 ccm	120 kW (163 PS)	78,3 / 6	EX	PVWG089	059109611G	24,1x6,0x100,5 Odległość zamka - 8,3 [mm]	45	9
ENG. Perkins 4.165	**Transporter LT 28D/31D/35D**	75 →	2710 ccm	48 kW (65 PS)	92 / 4	IN	PVWG090	31431491	40,5x7,9x114,6	30	1
								3142H001			
								061109601	35,6x7,9x114,6	45	1
						EX	PVWG091	3142A031			
								061109611			



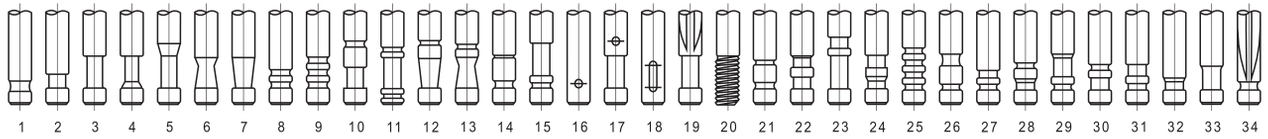
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLKSWAGEN DIESEL											
ENG. AAZ	**Golf 1.9 TD**	6/98-5/02	1896 ccm	55 kW (75 PS)	79,5 / 4	IN	PVWG096	069109601H	36,0x8,0x95,0	45	9
	Golf III 1.9 TD	11/91-2/99				EX	PVWG067	074109611	31,1x8,0x95,5	45	9
	Jetta 1.9 TD	8/92-12/98									
	Passat 1.9 TD	3/91-12/96									
	Vento 1.9 TD	3/91-12/97									
ENG. ABL	**California T4 1.9 TD**	8/92-4/02	1896 ccm	50 kW (68 PS)	79,5 / 4						
	Golf 1.9 TD										
	Transporter T4 1.9 TD	10/92-6/03									
ENG. ADE		ENG. 4/94-1/02	1896 ccm	55 kW (75 PS)	79,5 / 4						
ENG. AGK	**LT 28/35/46 TDI**	7/97-12/98	2798 ccm	92 kW (125 PS)	93 / 4	IN	PVWG120	062109601	33,0x7,0x105,0	30	9
ENG. ATA	**LT 28/35/46 TDI**	1/99-1/02	2798 ccm	96 kW (130 PS)	93 / 4	EX	PVWG121	062109611A	40,0x7,0x105,0	45	9
ENG. AUH, BCQ	**LT 28/35/46 TDI**	2/02-7/06	2798 ccm	116 kW (158-160 PS)	93 / 4						
ENG. CAYA	**Polo (6R1, 6C1) 1.6 TDI**	06/09 →	1598 ccm	55 kW (75 PS)	4	IN	PVWG133	03L109601A	26,5x6,0x99,3	45	9
ENG. CAYB	**Golf VI (5K1) 1.6 TDI**	02/09 - 11/12	1598 ccm	66 kW (90 PS)	4	EX	PVWG134	03L109611A	24,5x6,0x99,1	45	9
	Golf VI Variant (AJ5) 1.6 TDI	12/09 - 07/13									
	Golf PLUS (5M1, 521) 1.6 TDI	02/09 - 12/13									
	Jetta III (1K2) 1.6 TDI	12/09 - 10/10									
	Polo (6R1, 6C1) 1.6 TDI	06/09 →									
	Touran (1T3) 1.6 TDI	05/10 - 05/15									



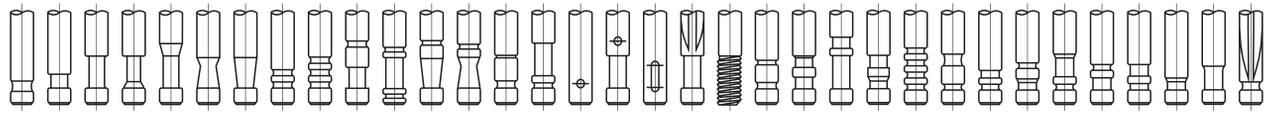
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN DIESEL											
ENG. CAYC	**Beetle (5C1, 5C2) 1.6 TDI**	10/11 - 07/16	1598 ccm	77 kW (105 PS)	4	IN	PVWG133	03L109601A	26,5x6,0x99,3	45	9
	Beetle Convertible (5C7, 5C8) 1.6 TDI	12/11 - 07/16				EX	PVWG134	03L109611A	24,5x6,0x99,1	45	9
	Golf VI (5K1) 1.6 TDI	02/09 - 11/12									
	Golf VI Variant (AJ5) 1.6 TDI	07/09 - 07/13									
	Golf VI Variant (AJ5) 1.6 TDI 4motion	07/09 - 07/13									
	Golf VI Convertible (517) 1.6 TDI	03/11 - 05/16									
	Golf Plus (5M1, 521) 1.6 TDI	03/09 - 12/13									
	Jetta III (1K2) 1.6 TDI	06/09 - 10/10									
	Jetta IV (162, 163, AV3, AV2) 1.6 TDI	04/10 - 07/14									
	Passat (3C2) 1.6 TDI	08/09 - 07/10									
	Passat Variant (3C5) 1.6 TDI	08/09 - 11/10									
	Passat (362) 1.6 TDI	08/10 - 12/14									
	Passat Variant (365) 1.6 TDI	08/10 - 12/14									
	Touran (1T3) 1.6 TDI	05/10 - 05/15									
ENG. CAYD	**Caddy III Estate (2KB, 2KJ, 2CB, 2CJ) 1.6 TDI**	08/10 - 05/15	1598 ccm	75 kW (102 PS)	4						
	Caddy III Box (2KA, 2KH, 2CA, 2CH) 1.6 TDI	08/10 - 05/15									
	Caddy IV Estate (SAB, SAJ) 1.6 TDI	05/15 →									
	Caddy IV Box (SAA, SAH) 1.6 TDI	05/15 →									



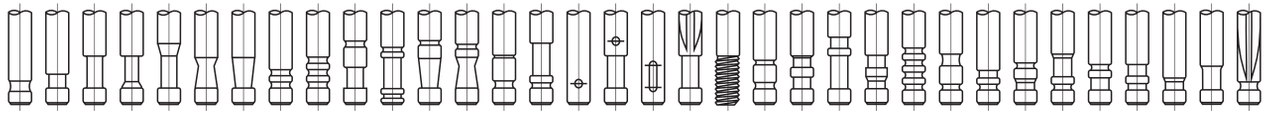
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLKSWAGEN DIESEL											
ENG. CAAA	**Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.0 TDI**	09/09 - 08/15	1968 ccm	62 kW (84 PS)	4	IN	PVWG135	03L109601 04L109601B	28,2x6,0x99,3	45	9
						EX	PVWG136	03L109611 04L109611B	26,0x6,0x99,1	45	9
	Transporter V Autobus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7E 2.0 TDI	09/09 - 08/15									
	Transporter V Furgon (7HA, 7HH, 7EA, 7EH) 2.0 TDI	09/09 - 08/15									
	Transporter V platforma / podwozie (7JD, 7JE, 7JL, 7JY, 7JZ) 2.0 TDI	09/09 - 08/15									
	Transporter VI Autobus (SGB, SGG, SGJ) 2.0 TDI	04/15 →									
	Transporter VI Furgon (SGA, SGH) 2.0 TDI	04/15 - 06/16									
	Transporter VI platforma / podwozie (SFD, SFE, SFL, SFZ) 2.0 TDI	04/15 - 06/16									
ENG. CAAB	**Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.0 TDI**	09/09 - 08/15	1968 ccm	75 kW (102 PS)	4						
	Transporter V Autobus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7E 2.0 TDI	09/09 - 08/15									



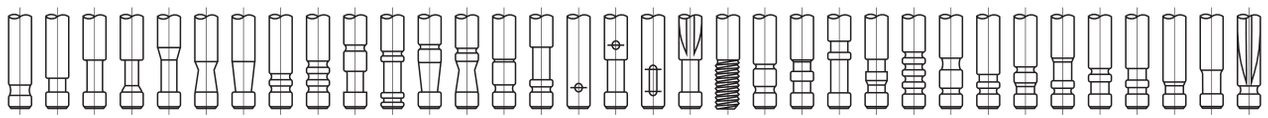
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLKSWAGEN DIESEL											
ENG. CFHF	**Caddy III kombi (2KB, 2KJ, 2CB, 2CJ) 2.0 TDI 4motion**	08/10 - 05/15	1968 ccm	81 kW (110 PS)	4	IN	PVWG135	03L109601 04L109601B	28,2x6,0x99,3	45	9
						EX	PVWG136	03L109611 04L109611B	26,0x6,0x99,1	45	9
	Caddy III Furgon (2KA, 2KH, 2CA, 2CH) 2.0 TDI 4motion	08/10 - 05/15									
	Caddy IV kombi (SAB, SAJ) 2.0 TDI 4motion	05/15 - 05/16									
	Caddy IV Furgon (SAA, SAH) 2.0 TDI 4motion	05/15 - 05/16									
	Touran (1T3) 2.0 TDI	11/10 - 05/15									
ENG. CFJA	**Caddy III kombi (2KB, 2KJ, 2CB, 2CJ) 2.0 TDI**	05/12 - 05/15	1968 ccm	125 kW (170 PS)	4						
	Caddy III Furgon (2KA, 2KH, 2CA, 2CH) 2.0 TDI	05/12 - 05/15									
	Touran (1T3) 2.0 TD	05/10 - 01/13									
ENG. CFJB	**Touran (1T3) 2.0 TDI**	01/13 - 05/15	1968 ccm	130 kW (177 PS)	4						
ENG. AMF	**Polo (6N2) 1.4 TDI**	10/99 - 09/01	1422 ccm	55 kW (75 PS)	3	IN	PVWG137	038109601E	36,0x7,0x89,5	45	9
	Lupo (6X1, 6E1) 1.4 TDI	01/99 - 07/05				EX	PVWG138	038109611E	31,5x7,0x89,0	45	9
ENG. AVQ	**Touran (1T1, 1T2) 1.9 TDI**	02/03 - 05/04	1896 ccm	74 kW (100 PS)	4						
ENG. AXR	**Bora (1J2) 1.9 TDI**	09/00 - 05/05	1896 ccm	74 kW (100 PS)	4						
	Bora Variant (1J6) 1.9 TDI	09/00 - 05/05									
	Golf IV (1J1) 1.9 TDI	09/00 - 06/05									
	Golf IV Variant (1J5) 1.9 TDI	09/00 - 06/06									
	NEW BEETLE kabriolet (1Y7) 1.9 TDI	06/03 - 09/10									



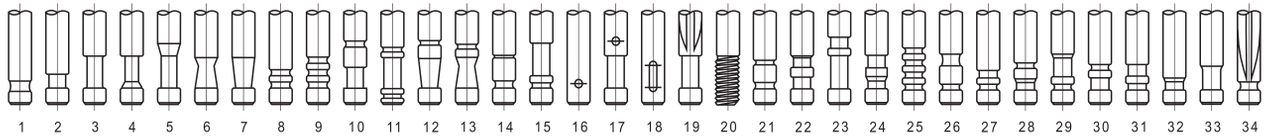
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLKSWAGEN DIESEL											
ENG. BAY	**Polo (9N_) 1.4 TDI**	10/01 - 06/05	1422 ccm	55 kW (75 PS)	3	IN	PVWG137	038109601E	36,0x7,0x89,5	45	9
ENG. BDK	**Golf V (1K1) 2.0 SDI**	01/04 - 11/08	1968 ccm	55 kW (75 PS)	4	EX	PVWG138	038109611E	31,5x7,0x89,0	45	9
ENG. BGW	**Passat (3B3) 2.0 TDI**	12/03 - 05/05	1968 ccm	100 kW (136 PS)	4						
ENG. BHW	**Passat Variant (3B6) 2.0 TDI**	12/03 - 05/05	1968 ccm	100 kW (136 PS)	4						
	Passat (3B3) 2.0 TDI	12/03 - 05/05									
ENG. BJB	**Caddy III kombi (2KB, 2KJ, 2CB, 2CJ) 1.9 TDI**	04/04 - 08/10	1896 ccm	77 kW (105 PS)	4						
	Caddy III Furgon (2KA, 2KH, 2CA, 2CH) 1.9 TDI	04/04 - 08/10									
ENG. BKC	**Golf V (1K1) 1.9 TDI**	10/03 - 11/08	1896 ccm	77 kW (105 PS)	4						
	Passat (3C2) 1.9 TDI	03/05 - 07/10									
	Passat Variant (3C5) 1.9 TDI	08/05 - 11/10									
	Touran (1T1, 1T2) 1.9 TDI	08/03 - 05/10									
	Golf V (1K1) 1.9 TDI 4motion	08/04 - 11/08									
	Golf Plus (5M1, 521) 1.9 TDI	01/05 - 01/09									
	Jetta III (1K2) 1.9 TDI	08/05 - 10/10									
ENG. BLE	**Touareg (7LA, 7L6, 7L7) 5.0 V10 TDI**	10/02 - 05/10	4921 ccm	230 kW (313 PS)	10						
ENG. BLS	**Caddy III kombi (2KB, 2KJ, 2CB, 2CJ) 1.9 TDI 4motion**	05/08 - 08/10	1896 ccm	77 kW (105 PS)	4						



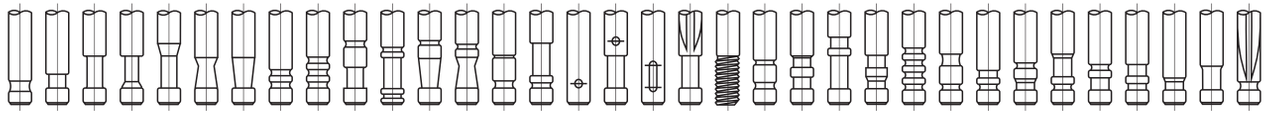
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLVO BENZYNA											
ENG. B 10 E	**66 DL/L**	75-81	1108 ccm	33 kW (45 PS)	70 / 4	IN	PVOL001	7701458180	33,4x7,0x89,9	45	1
ENG. B 13 E	**66 DL/GL/Sedan/ Kombi**	75-81	1289 ccm	42 kW (57 PS)	73 / 4			7701458186 3104401-9			
	343 DL/GL/L	76→	1397 ccm	52 kW (70 PS)	76 / 4			5613194			
ENG. B 14 OE	**345 DL/GL/L**	76→	1397 ccm	52 kW (70 PS)	70 / 4	EX	PVOL002	7701458190 7700505115 7700560792 7701460256 3100519-2 560792E	30,2x7,0x88,9	45	8
ENG. B 18 E	**480 1.7**	4/86-8/89	1721 ccm	70-80 kW (95-109 PS)	81 / 4	IN	PVOL003	7701463081	38,1x8,0x111,5	30	1
ENG. B 18 EP, B 18 F	**440 1.7**	8/88-8/91	1721 ccm	70-80 kW (95-109 PS)	81 / 4			7700713788			
	460 1.7	4/86-8/97						3342278-3			
	480 1.7	5/87-7/90				IN	PVOL097	7701465172	30,7x7,0x107,5	45	1
ENG. B 18 FT	**440 1.7i Turbo**	9/88-7/96	1721 ccm	88-90 kW (120-122 PS)	81 / 4	EX	PVOL004	7701463082	32,5x8,0x111,3	45	1
	460 1.7i Turbo	3/90-9/96						7701463944			
	480 1.7i Turbo	8/88-8/95						7700713790			
ENG. B 172 K, F3N 718	**340 1.7**	8/85-7/91	1721 ccm	59 kW (80 PS)	81 / 4			7701463510			
	360 1.7	8/85-7/91						3343738-5			
ENG. B 18 U	**440 1.8i**	9/91-8/97	1721 ccm	53-55 kW (73-75 PS)	81 / 4			3342399-7			
	460 1.8i	9/91-8/97									



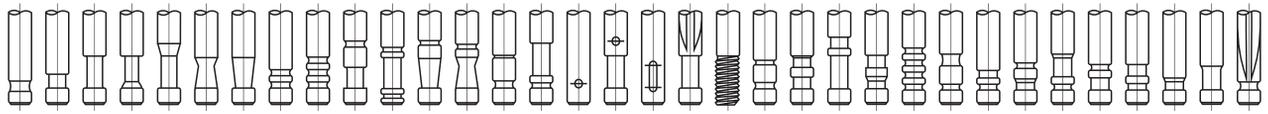
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLVO BENZYNA											
ENG. B 10 E	**66 1.1**	8/75-8/78	1108 ccm	33-35 kW (45-47 PS)	70 / 4	IN	PVOL001	7701458180	33,4x7,0x89,9	45	1
ENG. B 13 E	**66 1.3**	8/75-8/78	1289 ccm	42 kW (57 PS)	73 / 4			7701458186			
ENG. B 14	**340 1.4**	8/79-7/91	1397 ccm	47-53 kW (64-72 PS)	76 / 4			3104401-9			
ENG. B 14 OE	**343 1.4**	8/76-7/79	1397 ccm	47-53 kW (64-72 PS)	76 / 4			5613194			
	345 1.4	2/76-7/79				EX	PVOL029	7700638247	29,0x7,0x88,9	45	8
								7701460690			
								7701461802			
								7701461214			
								3267437-6			
								3277694-7			
								3277695-7			
								3277813-6			
ENG. B18U	**440/460 1.8i**	91-96	1794 ccm	66 kW (90 PS)	82,7 / 4	IN	PVOL025	7701466606	40,2x8,0x107,0	45	1
ENG. B 20 F 208	**440/460/480 2.0**	9/92-12/96	1998 ccm	80 kW (109 PS)	82,7 / 4			3344841-6			
								3344841			
								855926	32,6x8,0x107,0	45	1
						EX	PVOL026	7701466607			
								3344842-4			
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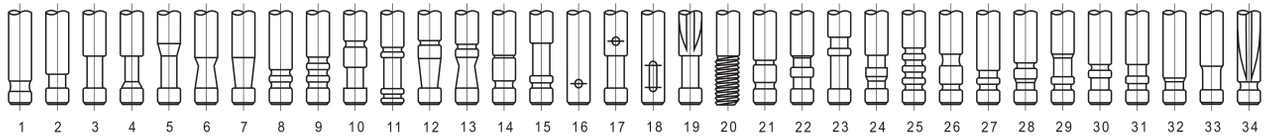
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLVO BENZYNA											
ENG. B 4184 SJ, B 4184 SM	**V40 1.8i 16V**	8/97-4/04	1834 ccm	90-92 kW (122-125 PS)	81 / 4	IN	PVOL027	7438610007	31,0x7,0x104,0	45	9
	S40 1.8i 16V	9/97-1/04						1397641-0			
ENG. B 4194 T, B 4194 T2	**V40 1.9i Turbo 16V**	5/97-7/00	1855 ccm	147 kW (200 PS)	81 / 4	EX	PVOL028	7438610008	27,0x7,0x103,2	45	9
	S40 1.9i Turbo 16V	5/97-7/00						1366882-7			
ENG. B 5204 S	**S70 2.0i 20V**	1/97-7/98	1984 ccm	105 kW (143 PS)	81 / 5			1366490			
	V40 2.0i 20V	1/96 →						9471466			
	V70 2.0i 20V	1/97-3/00									
	850 2.0i 20V	9/91-12/96									
	S40 2.0i 20V	1/96 →									
ENG. B 5204 T, B 5204 T2, B 5204 T3, B 5204 T4	**S70 2.0i Turbo 20V**	1/97-7/00	1984 ccm	120-166 kW (163-226 PS)	81 / 5						
	S80 2.0i Turbo 20V	8/98-7/00									
	V70 2.0i Turbo 20V	1/97-7/00									
	V70 II 2.0i Turbo 20V	3/00 →									
	850 2.0i Turbo 20V	1/95-8/97									
	C70 2.0i Turbo 20V	1/97-7/02									
ENG. B 5204 T5	**S80 2.0i Turbo 20V**	8/98 →	1984 ccm	129-132 kW (175-180 PS)	81 / 5						
	V70 II 2.0i Turbo 20V	3/00 →									
	C70 2.0i Turbo 20V	8/99-8/02									
	S60 2.0i Turbo 20V	11/00 →									
ENG. B 5234 S	**S70 2.3i**	1/97-7/99	2319 ccm	120 kW (163 PS)	81 / 5						
	V70 2.3i										
	850 2.3i	9/93-8/96									
ENG. B 5234 T, B 5234 T2, B 5234 T5	**S70 2.3i Turbo 20V**	1/97-12/00	2319 ccm	147-184 kW (200-250 PS)	81 / 5						
	V70 2.3i Turbo 20V	1/97-2/00									
	850 2.3i Turbo 20V	9/93-8/97									



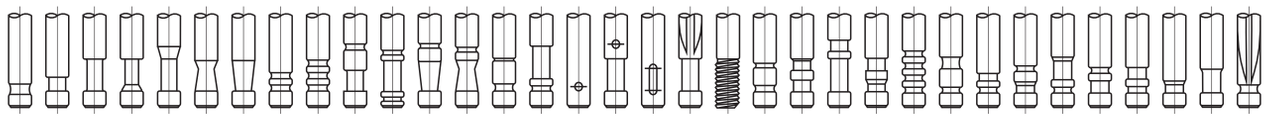
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLVO BENZYNA											
ENG. B 27 E	**240 2.7i**	8/79-7/80	2664 ccm	103-109 kW (140-148 PS)	88 / 6	IN	PVOL030	7701460147	43,9x8,0x112,0	30	1
	260 2.7i	8/74-7/82						7700635409			
ENG. B 28 A	**240 2.8**	8/79-7/80	2849 ccm	97 kW (132 PS)	91 / 6			7700644710			
	260 2.8	8/79-7/84						7900000680			
	760 2.8	8/82-8/91						95536524			
	760 2.8i (USA)	8/82-7/86						245390-0			
	780 2.8i (USA)	8/82-7/86						0948.36			
ENG. B 28 F	**260 2.8i**	8/80-7/82	2849 ccm	110-114 kW (136-155 PS)	91 / 6	EX	PVOL049	7900000681	37,0x8,0x111,4	45	1
	760 2.8i (USA)	8/82-4/86						7910245802			
	780 2.8i (USA)	8/82-4/86						7910246494			
ENG. B 28 E	**260 2.8i**	8/80-4/86	2664 ccm		91 / 6			245802-4			
	760 2.8i	8/79-7/84						0949.30			
	780 2.8i	8/82-4/86						0949.32			
ENG. B 27 A	**264-265**	75→	2849 ccm		88 / 6						
ENG. B 4164 S	**S40 1.6i 16V**	1/97-7/99	1587 ccm	77 kW (105 PS)	81 / 4	IN	PVOL038	1S4G6507CA	30,0x6,0x99,0	45	9
ENG. B 4164 S2	**S40 1.6i 16V**	4/00-7/03	1587 ccm	80 kW (109 PS)	81 / 4			1S4G6507CB			
	V40 1.6i 16V	4/00-7/03						1122364			
ENG. B 4164 S3	**C30 1.6i 16V**	9/06→	1587 ccm	74 kW (100 PS)	81 / 4			1320927			
	S40 1.6i 16V	11/04→						30711639			
	V40 1.6i 16V	4/04→						C601-12111			
	V50 1.6i 16V	11/04→				EX	PVOL039	1S6C6505BA	24,0x6,0x101,4	45	9
								1S6G6505BA			
								1113189			
								30711638			
								C4011-2121			



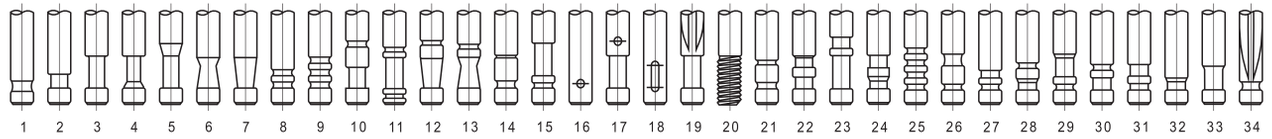
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLVO BENZYNA											
ENG. B 4184 S11	**C30 1.8i 16V**	9/06 →	1789 ccm	92 kW (125 PS)	83 / 4	IN	PVOL040	1S7G6507DG	32,5x5,5x103,4	45	1
	S40 1.8i 16V	4/04 →						1211483			
	V50 1.8i 16V	4/04 →						1324691			
								8694781			
								L801-12-111			
						EX	PVOL041	1S7G6505DF	28,0x5,5x104,6	45	1
								1324690			
								8694780			
								L801-12-121C			
EN G. 5202 F, B 5202 S	**850 2.0i**	1/97-7/99	1984 ccm	93 kW (126 PS)	81 / 5	IN	PVOL047	1397190	40,0x7,0x98,1	45	9
	S70/V70 2.0i	1/97-7/99						6842421			
						EX	PVOL048	1397191	35,0x7,0x97,1	45	9
								6842422			
ENG. B 204 E	**740 2.0i Turbo 16V**	8/88-7/90	1986 ccm	102-140 kW (139-190 PS)	88,9 / 4	IN	PVOL050	1378473-1	32,5x7,0x122,5	45	9
	940/960 2.0i Turbo 16V	9/90-8/91				EX	PVOL051	1378474-9	29,5x7,0x122,6	45	9
ENG. B 204 FT	**760/780 2.0i Turbo 16V**	89 →	1986 ccm	102-140 kW (139-190 PS)	88,9 / 4						
	940 2.0i Turbo 16V	9/91-8/97									
	960 2.0i Turbo 16V	9/91-8/94									



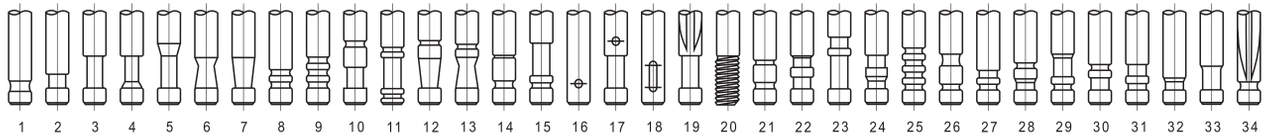
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLVO BENZYNA											
ENG. B 20 A, B 20 B	**Amazon P 121/P 122/P 123 2.0**	61 →	1986 ccm	60-91 kW (82-124 PS)	88,9 / 4	IN	PVOL052	419766-1	44,0x8,0x116,5	45	9
						IN	PVOL058	419639-0	42,0x8,0x116,5	45	9
	142/144 2.0	1/68-7/74				EX	PVOL053	419640-8	35,0x8,0x116,5	45	9
	145 2.0	1/68-12/74				EX	PVOL059	419735-6	35,0x8,0x116,5	45	9
	240 2.0	8/74-7/76									
	1800 2.0	1/68-12/74									
ENG. B 20 E	**142/144 2.0**	9/70-4/75	1986 ccm	60-91 kW (82-124 PS)	88,9 / 4						
	145 2.0	1/68-12/74									
	1800 2.0	1/68-7/73									
ENG. B 30 A	**C 303/C 306**	10/74-11/91	2978 ccm	118-132 kW (160-180 PS)	88,9 / 6						
ENG. B 30 E	**142/144 3.0**	1/68-8/73	2978 ccm	118-132 kW (160-180 PS)	88,9 / 6						
	160 3.0i	1/68-7/73									
	164 3.0i	8/72-7/74									
	165/166 3.0i	1/68-7/73									
	P 1800-S	68-8/73									



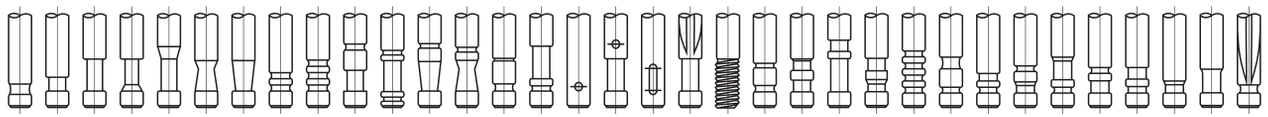
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLVO BENZYNA											
ENG. B 5204 T5	**850 2.0i Turbo 20V**	01 →	1984 ccm	132 kW (180 PS)	81 / 5	IN	PVOL056	9454607	31,0x6,0x104,3	45	9
	S60 2.0i Turbo 20V	9/01 →						1369828			
	S80 2.0i Turbo 20V	12/99-7/06				EX	PVOL057	9454610	27,0x6,0x103,3	45	9
	V70 II 2.0i Turbo 20V	7/01 →						1369831			
ENG. B 5234 T3	**C70 I coupe 2.3**	3/97-9/02	2319 ccm	176-184 kW (239-250 PS)	81 / 5						
	C70 I kabriolet 2.3	3/98-10/05									
	S60 2.3i Turbo 20V	11/00 →									
	S70 2.3	1/97-11/00									
	V70 I 2.3	4/97-3/00									
	V70 II 2.3	3/00 →									
ENG. B 5244 S	**C70 I 2.4i 20V**	99-02	2435 ccm	125 kW (170 PS)	83 / 5						
	S40 II 2.4i Turbo 20V	1/04 →									
	S60 2.4i 20V	00 →									
	S70 2.4	1/97-11/00									
	S80 2.4i 20V	1/99-7/06									
	V50 2.4i Turbo 20V	4/04 →									
	V70 II 2.4	3/00 →									
ENG. B 5244 S5	**C70 II 2.4i 20V**	3/06 →	2435 ccm	103 kW (140 PS)	83 / 5						
	S40 II 2.4i Turbo 20V	1/04 →									
	V50 2.4i Turbo 20V	4/04 →									
ENG. B 5244 SG	**S70 2.4 Blu-Fuel 20V**	8/99-11/00	2435 ccm	103 kW (140 PS)	83 / 5						
	V70 I 2.4i Bifuel 20V	8/99-3/00									
	V70 II 2.4i Bifuel 20V	9/01 →									
ENG. B 5244 SG2	**S60 2.4i Bifuel 20V**	6/02 →	2435 ccm	103 kW (140 PS)	83 / 5						



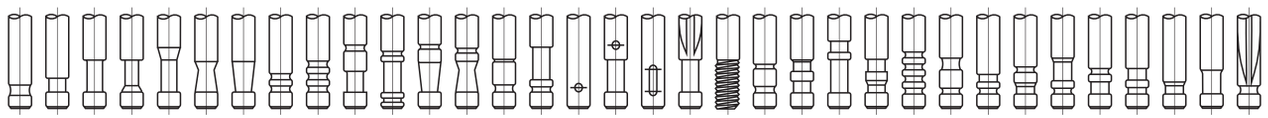
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLVO BENZYNA											
ENG. B 4204 S3	**C30 2.0i 16V**	9/06 →	1999 ccm	107 kW (145 PS)	87,5 / 4	IN	PVOL098	1S7G6507CE	35,0x5,5x103,4	45	1
	S40 2.0i 16V	5/06-5/07						6C1G6507AA			
	S80 2.0i 16V	9/07 →						1124378			
	V50 2.0i 16V	5/06 →						1213175			
	V70 II 2.0i 16V	9/07 →						1324132			
								1374186			
								LF01-12111			
								30777329			
						EX	PVOL099	1S7G6505CE	30,0x5,5x104,6	45	1
								1124377			
								1324131			
								LF01-12121			
								LF02-12121			
								30777328			



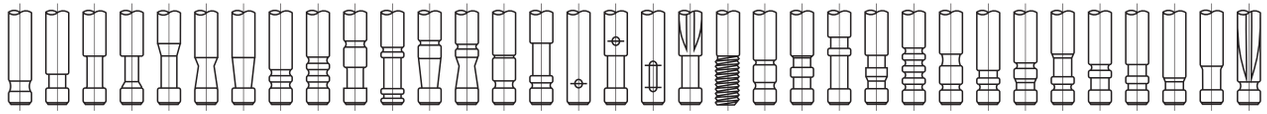
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLVO DIESEL											
ENG. D 24	**240 2.4 D**	4/79-8/93	2383 ccm	60 kW (82 PS)	76,5 / 6	IN	PVOL005	069109601	36,0x8,0x104,9	45	1
	740 2.4 D	4/84-7/92						1257053			
	760 2.4 D	1/82-7/92				IN	PVOL007	069109601C	36,0x8,0x104,9	45	9
	940 2.4 D	9/90-8/93						069109601D			
	960 2.4 TD	→ 8/93						1328088-8			
								1328147			
								1389261-7			
						EX	PVOL006	068109611	31,2x8,0x104,6	45	1
								1257054			
						EX	PVOL008	068109611C	31,2x8,0x104,6	45	9
								068109611D			
								072109611			
								1328089-6			
								1328148			
								1389262-5			
								9135927			
ENG. D 24 T	**740/760 2.4 TD**	8/82-7/92	2383 ccm	80 kW (109 PS)	76,5 / 6	IN	PVOL007	069109601C	36,0x8,0x104,9	45	9
	940/960 2.4 TD	9/90-8/93						069109601D			
ENG. D 24 TIC	**740/760/780 2.4 TDi**	4/84-7/92	2383 ccm	90 kW (122 PS)	76,5 / 6			1328088-8			
	940/960 2.4 TDi	8/90-8/97						1328147			
	940 II 2.4 TD	8/94-10/98						1389261-7			
						EX	PVOL008	068109611C	31,2x8,0x104,6	45	9
								068109611D			
								072109611			
								1328089-6			
								1328148			
								1389262-5			
								9135927			



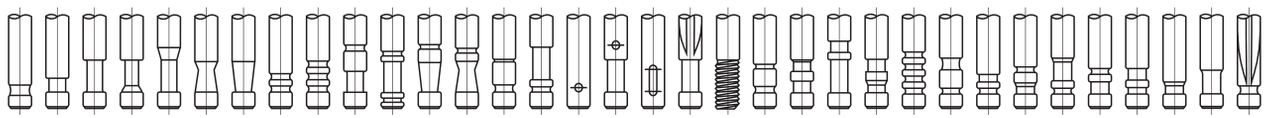
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLVO DIESEL											
ENG. D 16	**340/360 1.6 D**	8/84-7/91	1596 ccm	40 kW (54 PS)	78 / 4	IN	PVOL009	7701462813 3287966-0	36,1x8,0x111,7	30	1
						EX	PVOL010	7701462814 7700696117 7700702871 3287967-8	31,6x8,0x111,3	45	1
ENG. F8Q 740	**440 1.9 TD** **460 1.9 TD**	9/93-8/97 94 →	1870 ccm	68 kW (92 PS)	80 / 4	IN	PVOL067	7701471704 7701469369	35,0x8,0x110,0	45	1
ENG. F8Q 785, F8Q 610, F8Q 768, F8Q 784	**460 1.9 TD**	7/94 →	1870 ccm	66-70 kW (90-95 PS)	80 / 4			30852144 M852144			
ENG. D 4192 T	**S40 1.9 TD** **V40 1.9 TD**	5/96-7/99 1/96-7/99	1870 ccm	66 kW (90 PS)	80 / 4			M889130 3345515			
ENG. D19T	**440 1.9 TD**	94-96	1870 ccm		80 / 4			101778			
	460 1.9 TD	94-96				IN	PVOL096	7701468190	35,0x8,0x110,5	45	1
						IN	PVOL031	7701468035	35,2x8,0x111,6	45	1
						IN	PVOL009	7701462813 3287966-0	36,1x8,0x111,7	30	1
						EX	PVOL068	7701471705 7701469373 30852146 112656 101780	31,5x8,0x110,0	45	1
						EX	PVOL010	7701462814 7700696117 7700702871 3287967-8	31,6x8,0x111,3	45	1



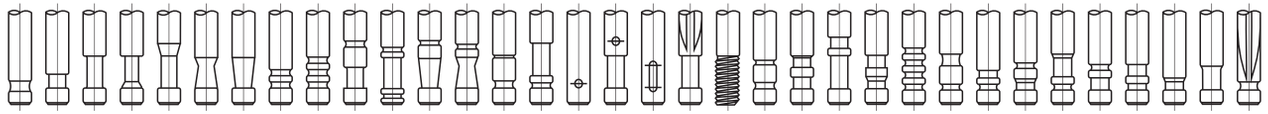
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLVO DIESEL											
ENG. D 100 BHC, BRC, HC		65-75	9600 ccm	122-147 kW (166-200 PS)	120,65 / 6	IN	PVOL011	479204	50,0x11,0x167,2	30	1
ENG. TD 100 A	**F 10/F 88 T/FB 88 T**	8/65-5/86	9600 ccm	154-188 kW (210-256 PS)	120,65 / 6			479205			
	G 88 T/N 10/N 12/N 88 T							467502-1			
								1545290			
	N 88 TS/NB 88 TS/ NT 88 T					EX	PVOL012	467855-3	46,0x11,0x167,2	45	1
								467503			
	NT 88 TS							467682			
ENG. MD 100 A,B	**F 88/LF 88/LN 88/N 88**	65 →	9600 ccm	98-147 kW (133-200 PS)	120,65 / 6			467857			
ENG. TD 100 C, HC		8/79 →	9600 ccm	169-191 kW (230-260 PS)	120,65 / 6			8194224			
ENG. TD 101 GB, GE, KC, MC	**B 9 M/B 10 M/B 10 R/C 10 M**	10/80 →									
	CH 400/L 160/N 10										
ENG. TD 102 FAQ, FBQ, FCQ, FEQ, FGQ, FS	**F 10/NL 10**	10/87 →	9600 ccm	191-230 kW (260-313 PS)	120,65 / 6						
ENG. TD 102 FT Euro 1	**NL 10**	12/92 →	9600 ccm	228 kW (310 PS)	120,65 / 6						
ENG. TD 103 KAE Euro 2		8/95 →	9600 ccm	190 kW (258 PS)	120,65 / 6						
ENG. TD 103 KB, KF, ME Euro 1	**B 10 M**	1/92 →	9600 ccm	210-235 kW (285-320 PS)	120,65 / 6						
ENG. THD 100 A	**B 58/B 58 T/B 59/B 59 T**	65-3/83	9600 ccm	139-191 kW (200-260 PS)	120,65 / 6						
ENG. THD 100 DA, DB, EA, EE, EK	**B 10 M/B 10 R/CH 400**	1/78 →	9600 ccm	133-212 kW (180-288 PS)	120,65 / 6						
ENG. THD 101 B	**B 10/B 58/B 59**	75-82	9600 ccm	169-191 kW (230-260 PS)	120,65 / 6						
ENG. THD 101 KE, MC	**B 10 M/C 10 M**	81 →	9600 ccm	228-235 kW (310-320 PS)	120,65 / 6						
ENG. HD 100 D	**B 58**	8/72-3/80	9600 ccm	132 kW (179 PS)	120,65 / 6						
ENG. TD 100 CHC			9600 ccm	200 kW (272 PS)	120,65 / 6						
ENG. TD 101 GG	**B 58/N 10/NL 10**		9600 ccm	200 kW (272 PS)	120,65 / 6						
NG. TD 104 KAE Euro 2			9600 ccm	190 kW (258 PS)	120,65 / 6						



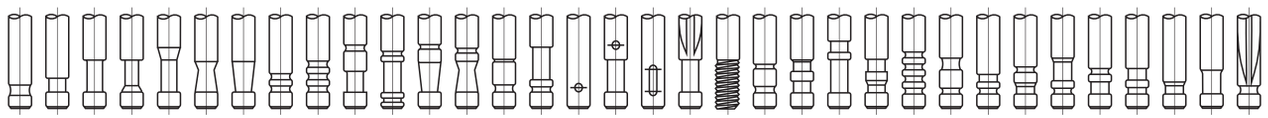
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLVO DIESEL											
ENG. TD 120 A	**CH 230** **N 12**	10/70-3/84	12000 ccm	215-243 kW (292-330 PS)	130,175/6	IN EX	PVOL013 PVOL014	468302-5 460803-3	54,0x11,0x167,2 50,0x11,0x167,2	30 45	1 1
ENG. TD 120 C, G, GG	**CH 200/230T** **F 12/N 10/N 12**	8/77 →	12000 ccm	173-260 kW (236-354 PS)	130,175/6			468303-3			
ENG. TD 121 F	**CH 200** **F 12/N 12/NL 12**	10/79-9/01	12000 ccm	272-283 kW (370-385 PS)	130,175/6						
ENG. TD 121 G	**F 12/N 12/NL 12**	10/83-9/01	12000 ccm	215-256 kW (292-348 PS)	130,175/6						
ENG. TD 120 D, E, GA	**CH 200** **F 12/N 12**	8/77-6/86	12000 ccm	227-273 kW (308-371 PS)	130,175/6						
ENG. TD 120 F, FC	**CH 200/230T** **F 12**	9/79-5/88	12000 ccm	265 kW (360 PS)	130,175/6						
ENG. TD 121 A, FH, FK, GD	**CH 230** **F 12/N 12**	9/83-1/98	12000 ccm	232-280 kW (315-361 PS)	130,175/6						
ENG. TD 121 FD	**F 12/N 12**	10/83-9/91	12000 ccm	283 kW (385 PS)	130,175/6						
ENG. TD 122 ED, F, FA, FAQ, FBQ, FCQ, FK, FKQ, FL, FR, FS, FTO, GA, GB, GH, KBE, KE, KHD	**B 12/F 12/NL 12** **FS 10/FS 12** **CH 230T/L 180K** **White GMC (USA)**	80 →		179-396 kW (243-538 PS)							
ENG. TD 122 FH Euro 1	**B 12/F 12/L 180 K** **White GMC (USA)**	1/90 →	11977 ccm	262 kW (356 PS)	130,175/6						
ENG. TD 123 E, ES Euro 1	**B 12/F 12/NL 12**	5/91-9/01	12000 ccm	262-298 kW (315-361 PS)	130,175/6						
ENG. TD 120 FA, FB, FTQ	**N 12**	5/83-12/94	12000 ccm	220 kW (299 PS)	130,175/6						
ENG. TD 121 FA, FB, FC, FE, FF, FG	**N 12**	1/86-11-1/98	12000 ccm	210-280 kW (286-381 PS)	130,175/6						
ENG. TD 122 F (USA)	**F 12**	8/87-12/94	11977 ccm	272 kW (370 PS)	130,175/6						
ENG. TD 123 EA, EB, EC, ED Euro 1	**F 12**	10/90-12/94	12000 ccm	224-301 kW (305-409 PS)	130,175/6						
ENG. TD 123 F			12000 ccm		130,175/6						
ENG. TD 121 GG, ENG. TD 121 GP	**F 12**	10/83-5/94 93 →	12000 ccm	243-283 kW (330-385 PS)	130,175/6						



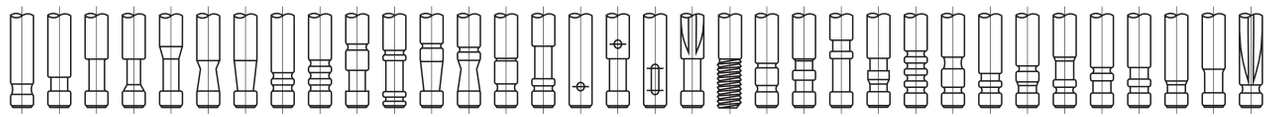
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLVO DIESEL											
ENG. D 70 A/B/C	**F/N 86**	65 →	6730 ccm	106-111 kW (144-150 PS)	104,775/6	IN	PVOL015	421016-7	43,0x11,0x148,6	30	31
ENG. TD 70 A/B/C-Turbo	**B 54**	65-74	6730 ccm	136-153 kW (185-207 PS)	104,775/6			466380			
	F/FB/N 86					EX	PVOL016	421017-5	37,0x11,0x148,5	45	31
	N 7							421208-0			
ENG. D 70 A, B, B/BB, CHC, CRC	**B57, BB57, F86, FB86, N86,**	1/65-85	6730 ccm	102-110 kW (139-150 PS)	104,775/6	IN	PVOL017	466379-5	43,0x11,0x148,5	30	1
						EX	PVOL018	842080	37,0x11,0x148,6	45	1
	NB86							421680			
ENG. MD 70 B, C		12/70-12/85	6730 ccm	73-107 kW (99-145 PS)	104,775/6			471195-8			
ENG. TD 70 A, B, C, E, ES, F, FC, FS, G, H, HA	**B7F, B7FA, B54, B57, B57 T, B715, BB57, BB 57 T, F7, F86, F86 T, F87, F716, F720, F724, FB86, FB86 T, FB87 BFA, L48, N7, N86, N86 T,N725, NB86 T, TF86 DTC, TF86 T**	1/63 →	6730 ccm	121-180 kW (165-245 PS)	104,775/6			471196			
								466381			
								465381			
ENG. TD 70 GG		3/83-6/86	6730 ccm	100-140 kW (136-190 PS)	104,775/6						
ENG. TD 71 E, FA, FC, FD, G, GE	**B57, FE715, FE716,FL7**	9/85 →	6730 ccm	137-180 kW (186-245 PS)	104,775/6						
ENG. TD 71 F, FQ, FQK, FS, FSO, FSQ, K	**B57, F7, FL7**	85 →	6730 ccm	166-184 kW (226-250 PS)	104,775/6						
ENG. TMD 70 B, C	**F86, FB86, N7, N86**	6/70-85	6730 ccm	110-152 kW (150-207 PS)	104,775/6						
ENG. TD 71 A, ACE, AG, AGP, AP, APB, AW	**B57, F7**	10/87-12/94	6730 ccm	169 kW (230 PS)	104,775/6						



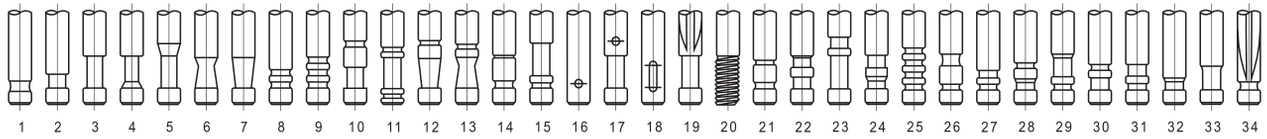
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLVO DIESEL											
ENG. D 12 Euro 2 A 340	**B12** **FH 12-340**	10/95 → 8/93-8/98	12130 ccm	250-305 kW (340-415 PS)	131 / 6	IN	PVOL019	1547492 3169490	40,0x8,0x192,0	30	26
ENG. D 12 Euro 2 A 370, A 415	**B12**	10/95 →	12130 ccm	250-305 kW (340-415 PS)	131 / 6	EX	PVOL020	8148574	40,0x8,0x191,7	45	1
ENG. D 12 Euro 2 A 380	**B12** **FH 12-380** **FL 12-380**	10/95 → 8/93-8/98 9/95-10/98	12130 ccm	250-305 kW (340-415 PS)	131 / 6			1547490 20441945 20441486			
ENG. D 12 Euro 2 B 340	**FH 12-340**	8/93-3/02	12130 ccm	250-305 kW (340-415 PS)	131 / 6			3165234			
ENG. D12 Euro 2 A 420	**B 12** **FH 12-420** **FL 12-420**	10/95 → 8/93-8/98 9/95 →	12130 ccm	309 kW (420 PS)	131 / 6						
ENG. D 16 A 470 Euro 1, D 16 A 520 Euro 1	**FH 16-470/16-520**	8/93-12/99	16120 ccm	346-382 kW (470-520 PS)	144 / 6	IN	PVOL021	1556472 1543026	47,0x9,5x176,8	30	1
ENG. D 16 B 470 Euro 2 , D 16 B 520 Euro 2	**FH 16-470/16-520**	8/98-1/03	16120 ccm	346-382 kW (470-520 PS)	144 / 6	EX	PVOL022	1556813 1556473	45,0x9,5x176,9	45	1
ENG. TD 162 AG, TD 162 FJ, TD 162 FL, TD 162 FS	**F 16**	10/87 →	16120 ccm	217-405 kW (295-551 PS)	144 / 6			1543027 1556896			
ENG. TD 162 Euro 0 F	**F 16**	10/87-12/94	16120 ccm	342 kW (465 PS)	144 / 6			863702			
ENG. TD 163 Euro 1 ES	**F 16**	10/87-12/94	16120 ccm	368 kW (500 PS)	144 / 6						



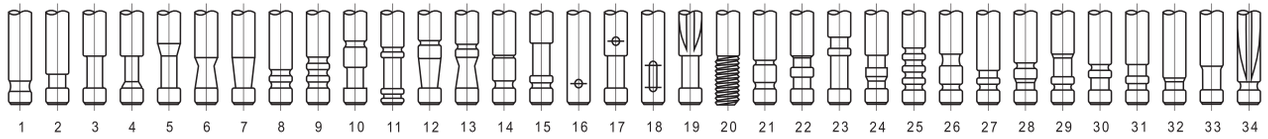
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLVO DIESEL											
ENG. D 60, D 60 A	**B 609** **F 609/611**	3/75-2/86	5480 ccm	84-92 kW (115-125 PS)	98,43 / 6	IN	PVOL023	420553-0 465548	41,0x8,0x145,3	30	21
ENG. TD 60 A	**F 85 T** **F 607/609/613/614** **N 84**	74-12/87	5480 ccm	70-132 kW (95-180 PS)	98,43 / 6	EX	PVOL024	3825723 465549-4 8192143	37,0x8,0x145,3	45	31
ENG. TD 60 A, B, C	**B 6 F**	74-12/87	5480 ccm	70-132 kW (95-180 PS)	98,43 / 6						
ENG. TD 60 B	**B 6 FA** **CH 200** **F 613/614/615/616/617**	74-12/87	5480 ccm	70-132 kW (95-180 PS)	98,43 / 6						
ENG. TD 60 C, D, DG	**F 610/611/612**	74-12/87	5480 ccm	70-132 kW (95-180 PS)	98,43 / 6						
ENG. TD 60 BG	**74-12/87**	74-12/87	5480 ccm	70-132 kW (95-180 PS)	98,43 / 6						
ENG. TD 61 B, G	**FL 608/611/614**	85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 61 GA	**FL 608/611**	85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 61 G	**FL 610/613/616**	85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 61 F	**FL 611/614/616/617/619**	85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 61 FB	**F 613/615** **FE 614/615**	85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 61 GE	**F 613/FE 613**	85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 61 GB	**FL 607/617**	85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 61 GB, GS	**FL 610/616**	85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 61 GS, GC	**FL 611/612/613/ 614/617**	85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 61 A, ACE, AG, AGP, AP, APB, AW, R		85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 610 G		85 →	5480 ccm	103-153 kW (140-208 PS)	98,43 / 6						
ENG. TD 63 E, ES Euro 1	**B 6 R** **B 6 LE** **FL 608/611/612/613/ 614/615/618/619**	11/91 →	5480 ccm	132-154 kW (179-209 PS)	98,43 / 6						
ENG. TD 63 ES Euro 1	**FL 616/617**	11/91 →	5480 ccm	132-154 kW (179-209 PS)	98,43 / 6						



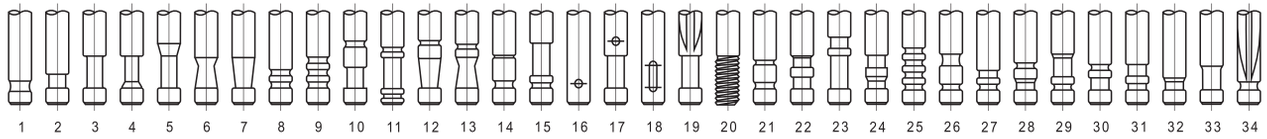
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLVO DIESEL											
ENG. D 5252 T	**850 2.5 TDI**	5/96-8/97	2461 ccm	103 kW (140 PS)	81 / 5	IN	PVOL032	028109601A	36,0x8,0x96,9	45	9
	S60 2.5 TDi	7/00						028109601H			
	S70 2.5 TDI	1/97-7/00						046109601G			
	S80 2.5 TDI	8/98-7/01						046109601H			
	V70 2.5 TDI	1/97-3/00						046109601J			
	V70 II 2.5 TDi	3/00-7/01						049109601J			
								1669766			
								9186565			
						EX	PVOL033	046109611C	31,5x8,0x96,9	45	9
								046109611E			
								046109611F			
								1669772			
								9186566			



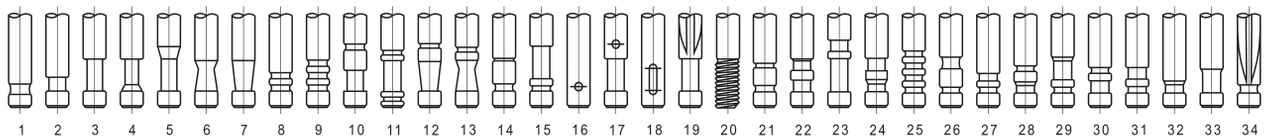
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLVO DIESEL											
ENG. D 4192 T2	**S40 1.9 TDI** **V40 1.9 TDI**	5/99-7/00 8/98-7/00	1870 ccm	70-85 kW (95-115 PS)	80 / 4	IN	PVOL034	7700110386 7700110387	35,3x7,0x110,9	45	1
ENG. D 4192 T3, D 4192 T4	**S40 1.9 TDI** **V40 1.9 TDI**	4/00-1/04 3/00-4/04	1870 ccm	70-85 kW (95-115 PS)	80 / 4			7701471702 7701476024 7701470251 8200828299 13201-AW300 13201-00QAC 13201-00QAM MW30620685 30889401 4402633 4415921			
						EX	PVOL035	7700110388 7700110389 7701471703 7701476025 7701476256 7701470252 8200872426 13202-AW300 13202-00QAN MW30620686 90889403 4402634 4415922	32,6x7,0x110,7	45	1



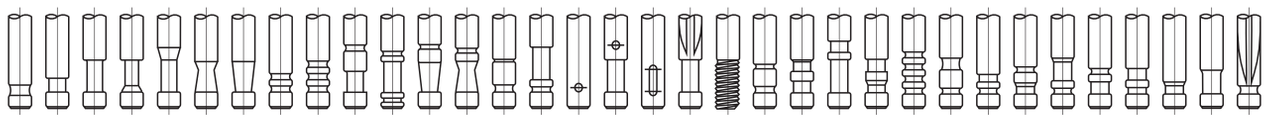
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLVO DIESEL											
ENG. D 4164 T	**C 30 1.6 TDI 16V**	9/06 →	1560 ccm	80 kW (109 PS)	75 / 4	IN	PVOL036	0948.C7	25,6x5,5x96,4	45	9
	S40 1.6 TDI 16V	11/04 →						1229882			
	V50 1.6 TDI 16V	11/04 →						30711498			
								9645024780			
								3M5Q6507AA			
								Y6011-2111			
								11347805968			
						EX	PVOL037	0949.C3	23,4x5,5x96,6	45	9
								1229883			
								30711497			
								9640840080			
								3M5Q6505AA			
								Y6011-2121			
								11347805969			
ENG. TD 73 E Euro 1	**FL 7/FS 7**	11/91-10/99	6730 ccm	160-191 kW (218-260 PS)	104,775/6	IN	PVOL069	477447	43,0x8,0x149,7	30	30
	FS 718	11/91-3/96				EX	PVOL070	477443	39,0x8,0x149,7	45	30
ENG. TD 73 EA/EB Euro 1	**FL 7**	11/91-10/99	6730 ccm	160-191 kW (218-260 PS)	104,775/6						
ENG. TD 73 ES Euro 1	**B 7**	1/91 →	6730 ccm	160-191 kW (218-260 PS)	104,775/6						
	FL 7	11/91-10/99									
	FS 718	11/91-3/96									



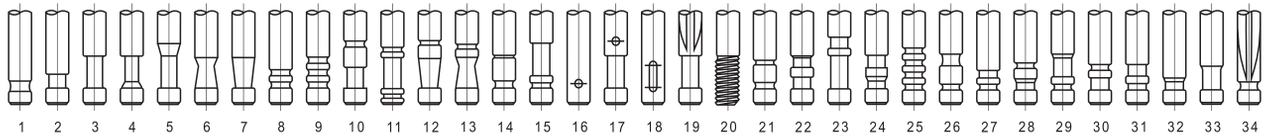
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLVO DIESEL											
ENG. D 7 A 230 Euro 2, D 7 A 260 Euro 2	**B 7 F**	1/99 →	6730 ccm	169-210 kW (230-285 PS)	104,775 /6	IN	PVOL071	3978768	43,0x8,0x149,7	30	1
	FL 7-230/FL 7-260	12/93-10/99				EX	PVOL072	3978766	39,0x8,0x149,7	45	1
	FM 7-230/FM 7-260	1/99-2/02									
ENG. D 7 A 285 Euro 2	**B 7 F**	1/99 →	6730 ccm	169-210 kW (230-285 PS)	104,775 /6						
	FL 7	12/93-10/99									
ENG. D 7 B 230 Euro 2, D 7 B 260 Euro 2	**B 7 F**	1/99 →	6730 ccm	169-210 kW (230-285 PS)	104,775 /6						
	FL 7-230/FL 7-260	10/94-10/99									
	FS 718	9/94-3/96									
ENG. D 7 C 215 Euro 2	**Bus 5000**	8/99 →	7280 ccm	158-228 kW (215-310 PS)	107 / 6						
	Bus 7000	8/98 →									
	B 7 L	5/99 →									
ENG. D 7 C 250 Euro 2, D 7 C 290 Euro 2	**Bus 5000**	8/99 →	7280 ccm	158-228 kW (215-310 PS)	107 / 6						
	Bus 7000	8/98 →									
	B 7 L	5/99 →									
	FM 7-250/FM 7-290	9/98-2/02									
ENG. D 7 C 310 Euro 2	**Bus 8700**	9/04 →	7280 ccm	158-228 kW (215-310 PS)	107 / 6						
	B 7 L	5/99 →									
	FM 7-310	9/98 →									



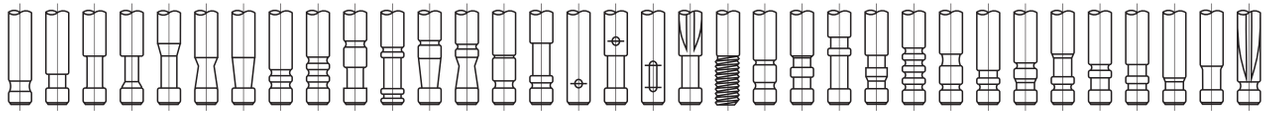
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLVO DIESEL											
ENG. D 12 C 340, D 340 Euro 3	**B 12**	9/00 →	12130 ccm	250-313 kW (340-425 PS)	131 / 6	IN	PVOL073	20459326	40,0x8,0x192,0	30	1
	FH 12-340/FM 12-340	8/98 →				EX	PVOL020	8148574	40,0x8,0x191,7	45	1
ENG. D 12 C 380 Euro 3	**FH 12-380**	8/93 →	12130 ccm	250-313 kW (340-425 PS)	131 / 6			1547490			
	FM 12-380	8/98-1/02						20441945			
	NH 12-380	7/99 →						20441486			
ENG. D 12 D 380 Euro 3	**B 12**	06/01 →	12130 ccm	250-313 kW (340-425 PS)	131 / 6			3165234			
	FH 12-380/FM 12-380	9/01 →									
ENG. D 12 D 425 Euro 3	**B 12**	06/01 →	12130 ccm	250-313 kW (340-425 PS)	131 / 6						
ENG. D 12 C 420 Euro 3, D 12 C 460 Euro 3	**FH 12-420/FH 12-460**	8/98 →	12130 ccm	309-368 kW (420-500 PS)	131 / 6						
	FM 12-420/FM 12-460	8/98-1/02									
	NH 12-420/NH 12-460	7/99 →									
ENG. D 12 D 420 Euro 3	**B 12**	6/01 →	12130 ccm	309-368 kW (420-500 PS)	131 / 6						
	FH 12-420/FM 12-420	9/01 →									
ENG. D 12 D 460 Euro 3	**FH 12-460**	9/01 →	12130 ccm	309-368 kW (420-500 PS)	131 / 6						
	FM 12-460	1/02 →									
ENG. D 12 D 500 Euro 3	**FH 12-500**	9/01 →	12130 ccm	309-368 kW (420-500 PS)	131 / 6						
ENG. 3.152	**T 320**		2490 ccm	27-33 kW (37-45 PS)	91,48 / 3	IN	PVOL080	31431261 713151M1 0910001	39,0x7,9x114,5	45	1
						EX	PVOL081	31431951 713152M1 0910002	33,5x7,9x114,5	45	1



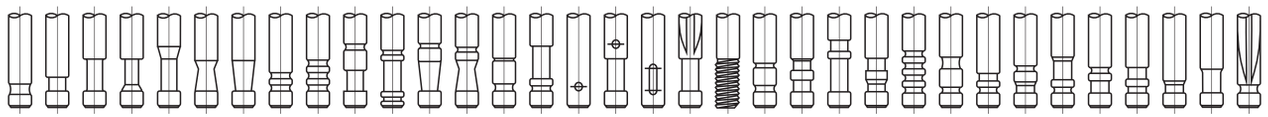
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLVO DIESEL											
ENG. D 39 C	**F 82, F 83, F 406, F 407**	9/75-1/86	3864 ccm	59 kW (80 PS)	98,48 / 4	IN	PVOL082	31431641	44,4x9,48x123,0	45	1
ENG. 4.236	**F 82, F 83, F 406, F 407**	9/75-1/86	3864 ccm	48-60 kW (59-80 PS)	98,48 / 4			31431103			
	L 30	1/87-9/95						31431163			
								733819M1			
						EX	PVOL083	31431881	36,5x9,46x123,4	45	1
								31431104			
								31431109			
								31431164			
								31431791			
								31431851			
								31431891			
								31431931			
								733818M1			
						IN	PVOL104	3142H002	44,2x9,5x123,0	30	1
						EX	PVOL105	3142A052	36,5x9,5x123,5	45	1
						IN	PVOL086	31431402	44,4x9,86x123,0	45	1
								736813M1			
						EX	PVOL087	31431411	36,5x9,53x123,4	45	1
								736815M1			
									Grubość grzybka +1,0 [mm]		
						IN	PVOL084		44,4x9,48x123,0	45	1
						EX	PVOL085		36,5x9,46x123,4	45	1



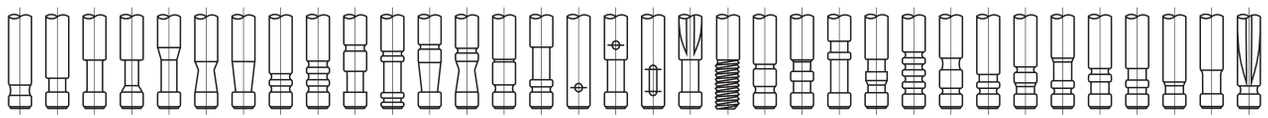
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
VOLVO DIESEL											
ENG. D 5244 T	**S60 2.4 D5**	7/01 →	2401 ccm	120 kW (163 PS)	81 / 5	IN	PVOL088	8631650	28,8x6,0x98,1	45	9
	S80 2.4 D5	8/01-7/06				EX	PVOL089	8631651	26,6x6,0x97,7	45	9
	S80 II 2.4D	3/06 →									
	V70 II 2.4 D5	8/01 →									
	XC70 Cross Country 2.4 D5 AWD	9/02 →									
	XC70 II 2.4 D AWD	8/07 →									
	XC90 D5	10/02 →									
ENG. D 5244 T2	**S60 2.4D**	12/01 →	2401 ccm	96-120 kW (131-163 PS)	81 / 5						
	S80 2.4D	10/01-7/06									
	V70 II 2.4D	12/01 →									
	V70 II 2.4 D5 AWD	3/03 →									
ENG. D 5244 T4	**S60 2.4 D5**	9/05 →	2400 ccm	136 kW (185 PS)	81 / 5						
	S80 II 2.4 D5	3/06 →									
	S80 II 2.4 D5 AWD	1/07 →									
	V70 II 2.4 D5	12/05 →									
	V70 II 2.4 D5 AWD	12/05 →									
	V70 III D5	8/07 →									
	V70 III D5 AWD	10/07 →									
	XC60 D5 AWD	5/08 →									
	XC70 Cross Country 2.4 D5 AWD	12/05									
	XC70 II D5 AWD	8/07 →									
	XC90 D5	5/06 →									



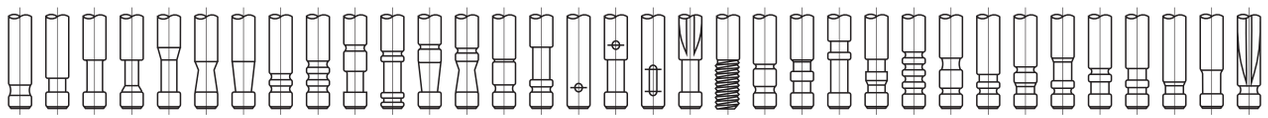
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLVO DIESEL											
ENG. D 5244 T5	**S60 2.4D**	1/07 →	2400 ccm	120 kW (163 PS)	81 / 5	IN	PVOL088	8631650	28,8x6,0x98,1	45	9
	S80 II 2.4D	3/06 →				EX	PVOL089	8631651	26,6x6,0x97,7	45	9
	V70 III 2.4D	8/07 →									
	XC60 2.4D AWD	5/08 →									
	XC90 D5	4/09 →									
ENG. D 5244 T8	**C30 D5**	10/06 →	2400 ccm	132 kW (180 PS)	81 / 5						
	C70 II D5	3/06 →									
	S40 II 2.4 D5	3/06 →									
	V50 2.4 D5	3/06 →									
ENG. D 13 A 360	**FM 360**		12800 ccm	264-368 kW (360-500 PS)	131 / 6	IN	PVOL090	20561995	42,0x8,0x192,0	24	9
ENG. D 13 B 360 Euro 4, D 13 B 400 Euro 4, D 13 B 440 Euro 4	**FH 360/400/440**		12800 ccm	264-368 kW (360-500 PS)	131 / 6			20740798			
	FM 360/400/440					EX	PVOL091	20768506	40,0x8,0x191,6	39	9
								20768519			
ENF. D 13 B 500 Euro 4	**FH 500**	9/07 →	12800 ccm	264-368 kW (360-500 PS)	131 / 6	IN	PVOL092		42,0x8,0x192,0	30	9
ENG. D 13 A 400 Euro 4/5, D 13 A 440 Euro 4/5, D 13 A 480 Euro 4/5	**FH 400/440/480**	9/05 →	12800 ccm	294-382 kW (400-520 PS)	131 / 6	EX	PVOL093		40,0x8,0x191,6	45	9
	FM 400/440/480	9/07 →									
ENG. D 13 A 520 Euro 4/5	**FH 520**	9/05 →	12800 ccm	294-382 kW (400-520 PS)	131 / 6						



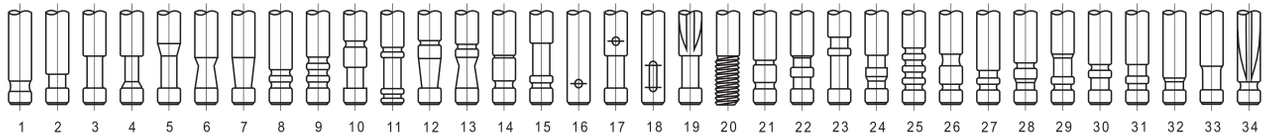
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLVO DIESEL											
ENG. D 16 C 550 Euro 3, D 16 C 610 Euro 3		1/03 →	16120 ccm	404-449 kW (550-610 PS)	144 / 6	IN	PVOL111	20735572 20739057	49,0x10,0x193,0	25	1
ENG. D 16 Euro 2 C-A MG/ /C-A MH/C-B MH Euro 2		06 →	16120 ccm	368-552 kW (501-751 PS)	144 / 6			20739058 24426433			
ENG. TAD 1640 GE Euro 2		04 →	16120 ccm	392-479 kW (533-651 PS)	144 / 6	IN	PVOL094		49,0x10,0x193,0	30	1
ENG. TAD 1641 GE/VE Euro 2		04 →	16120 ccm	420-732 kW (571-995 PS)	144 / 6	EX	PVOL095	20513284	46,0x10,0x191,5	45	1
ENG. TAD 1642 GE/VE Euro 2		04 →	16120 ccm	485-784 kW (660-1066 PS)	144 / 6			20513285			
ENG. TAD 1643 VE Euro 2		08 →	16120 ccm	565 kW (768 PS)	144 / 6						
ENG. TAD 1650 VE Euro 2		08 →	16120 ccm	397 kW (540 PS)	144 / 6						
ENG. TAD 1643 GE Euro 2 **ENG. TAD 1650 GE, TAD 1651 GE,TAD 1660 VE, TAD 1661 VE, TAD 1662 VE, TAD 1640 VE-B, TAD 1641-VE-B, TAD 1642-VE--B,TWD 1663 GE, TWG 1663 GE**		07 →	16120 ccm	528-644 kW (718-876 PS)	144 / 6						
ENG. D 4192 T	**S40/V40 1.9 TD**	1/96-7/99	1870 ccm	66 kW (90 PS)	80 / 4	IN	PVOL100	7701466716	36,2x8,0x111,7	30	1
ENG. F8Q 740	**440 1.9 TD**	9/93-8/97	1870 ccm	68 kW (92 PS)	80 / 4	EX	PVOL101	7701466717	31,6x8,0x111,7	45	1
	460 1.9 TD	94 →									
ENG. F8Q 784	**460 1.9 TD**	7 / 94 →	1870 ccm	66-70 kW (90-95 PS)	80 / 4						
ENG. D 4204 T	**C30 2.0 TD 16V**	9/06 →	1997 ccm	98-100 kW (133-136 PS)	85 / 4	IN	PVOL102	9627184380	30,0x6,0x105,0	45	9
	C70 2.0 TD 16V	9/07 →						0948.A3			
	S40 2.0 TDI 16V	10/03 →						1231931			
	S80 2.0 TD 16V	9/07 →						3M5Q6507BA			
	V50 2.0 TDI 16V	2/04 →						8653745			
	V70 II 2.0 TD 16V	9/07 →				EX	PVOL103	9634437580	25,0x6,0x105,0	45	9
ENG. D 4204 T2	**S40 2.0 TDI 16V**	1/04 →	1997 ccm	98-100 kW (133-136 PS)	85 / 4			0949.A3			
	V50 2.0 TDI 16V	4/04 →						1231930			
								3M5Q6505BA			
								8653744			



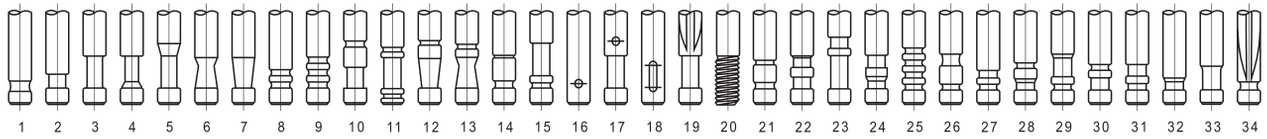
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLVO DIESEL											
ENG. BF 4 L 1011 F Euro 1		1/98 →	2732 ccm	48-56 kW (65-76 PS)	91 / 4	IN	PVOL106	4178899	40,5x8,0x124,9	30	9
ENG. BF 4 L 1011 FT Euro 1		1/98 →	2732 ccm	46-53 kW (63-72 PS)	91 / 4			4170491			
						EX	PVOL107	4170899	35,0x8,0x124,7	45	9
								4178158			
								2108184			
ENG. F 3 L 1011 F Euro 1	**ZL 402**	1/97 →	2049 ccm	28-33 kW (38-45 PS)	91 / 3	IN	PVOL108	4170898	40,0x8,0x124,6	45	9
ENG. F 4 L 1011 F Euro 1	**ZL 502**	1/97 →	2732 ccm	40-46 kW (55-63 PS)	91 / 4			4271175			
								4272209			
								2108183			
						EX	PVOL107	4170899	35,0x8,0x124,7	45	9
								4178158			
								2108184			
ENG. 4B 3.9 C Euro 2	**EC 140/150**	1/96 →	3900 ccm	55-60 kW (75-82 PS)	102 / 4	IN	PVOL109	3920867	45,0x8,0x129,1	30	26
ENG. 6B 5.9 C Euro 2	**EC 210**	1/96 →	5883 ccm	86-132 kW (115-177 PS)	102 / 6			3802355			
	EW 170/180	1/96 →						3802005			
								3901117			
						EX	PVOL110	3920868	42,2x8,0x129,1	45	1
								3802356			
								3901607			
ENG. D11A430	**FM FM 430**	04/12 -	10840 ccm	316 kW (430 PS)	6	IN	PVOL112	20540012	40,0x8,0x192,0	30	9
	FMX 430	04/10 -						20540013			
ENG. D11C330	**FM FM 330**	04/12 -	10800 ccm	243 kW (330 PS)	6			20540017			
	FMX 330	04/10 -				EX	PVOL113	20464020	38,0x8,0x192,7	30	9
	FM FM 330	09/05 -						20564019			
	B 11 B11R	09/11 -						20564020			
ENG. D11C370	**FM FM 370**	04/12 -	10840 ccm	272 kW (370 PS)	6						
	FM FM 370	09/05 -									
	FM FM 370	04/12 -									
	FMX 370	04/10 -									



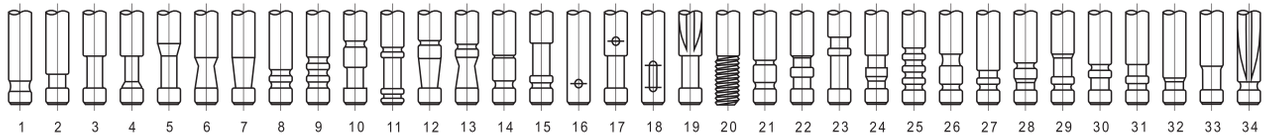
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
VOLVO DIESEL											
ENG. D11C410	**FM FM 410**	09/05 -	10800 ccm	302 kW (410 PS)	6	IN	PVOL112	20540012	40,0x8,0x192,0	30	9
	FM FM 410	04/12 -						20540013			
	FMX 410	04/10 -						20540017			
	B 11 B11R	09/11 -				EX	PVOL113	20464020	38,0x8,0x192,7	30	9
ENG. D11C450	**FM FM 450**	09/05 -	10800 ccm	332 kW (450 PS)	6			20564019			
	FM FM 450	04/12 -						20564020			
	FMX 450	04/10 -									
ENG. D11K330	**FM FM 330**	06/16 -	10840 ccm	243 kW (330 PS)	6						
	FM FM 330	04/12 -									
	FMX II 330	04/12 -									
	FMX II 330	06/16 -									
	FMX II 330	09/13 -									
	FMX II 330	04/12 -									
ENG. D11K370	**FM FM 370**	06/16 -	10840 ccm	272 kW (370 PS)	6						
	FMX II 370	09/13 -									
	FMX II 370	06/16 -									
ENG. D11K380	**B 11 B11R**	09/11 -	10840 ccm	280 kW (380 PS)	6						
ENG. D11K410	**FM FM 410**	06/16 -	10840 ccm	302 kW (410 PS)	6						
	FMX II 410	09/13 -									
	FMX II 410	06/16 -									
ENG. D11K430	**B 11 B11R**	09/13 -	10840 ccm	316 kW (430 PS)	6						
ENG. D11K450	**FM FM 450**	04/12 -	10840 ccm	332 kW (450 PS)	6						
	FM FM 450	06/16 -									
	FM FM 450	09/05 -									
	FMX II 450	09/13 -									
	FMX II 450	06/16 -									
ENG. D11K460	**B 11 B11R**	09/13 -	10840 ccm	339 kW (460 PS)	6						



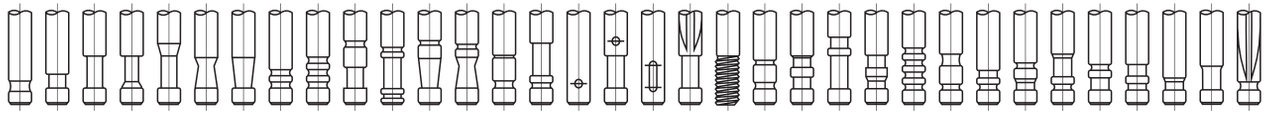
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
WLADIMIREC DIESEL											
ENG. D21, D-21A1	**T-25/ T-25A**	72-91	2078 ccm	18,4-22,5 kW (25-31 PS)	105 / 2	IN	PWLA001	100-7014-W1	44,0x9,0x137,0	45	32
						EX	PWLA002	100-7015-W	38,0x9,0x137,0	45	32



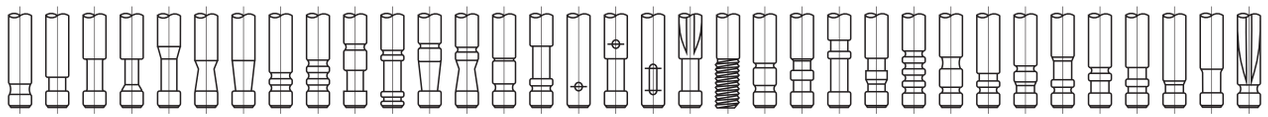
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
YAMZ DIESEL											
ENG. YAMZ-236			11150 ccm	110-220 kW (150-300 PS)	130 / 6	IN	PYAM001	236-1007010-B2	60,0x12,0x156,1	30	2
ENG. YAMZ-238			14866 ccm	173-309 kW (235-420 PS)	130 / 8	IN	PYAM002	7511.1007010	55,0x12,0x156,6	30	2
						EX	PYAM003	236-1007015-B6	47,9x12,0x155,6	45	2



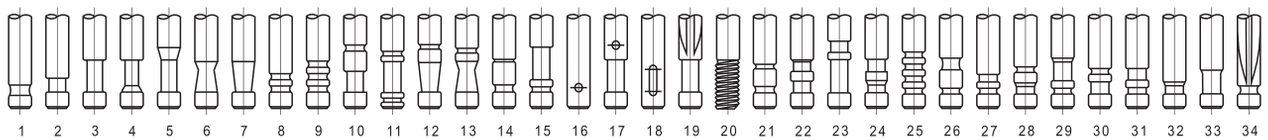
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ZASTAWA BENZYNA											
ENG. 128 A.000	**101**	72 →	1116 ccm	40-48 kW (55-65 PS)	80 / 4	IN	PZAS001	4212771	36,0x8,0x108,5	45	1
	1100	6/72-12/93						4239917			
	Yugo 55	72 →						4460697			
ENG. 128 A.064	**101**	72 →	1116 ccm	44 kW (60 PS)	80 / 4	EX	PZAS002	4315062	31,0x8,0x109,0	45	1
	1100	6/72-12/93						5973128			
	Yugo 55	72 →						4239918			
ENG. 128 AS.000	**101**	78 →	1499 ccm	63 kW (85 PS)	86,4 / 4			4314869			
	Yugo 1300	78 →						4190307			
								4286929			
ENG. 100 GL.064	**Yugo 0.9**	4/80-6/92	903 ccm	33 kW (45 PS)	65 / 4	IN	PZAS003	4265695	29,0x7,0x95,3	30	1
								4259853			
								46407749			
								46427459			
								4190109			
								5959564			
						EX	PZAS004	4259583	26,0x7,0x95,7	45	1
								4183555			
								4274135			
								4377979			
								5973130			
								5959563			
								5963326			
								7736408			
								7783841			
						EX	PZAS005	4265696	26,0x7,0x95,3	45	9
								4266321			



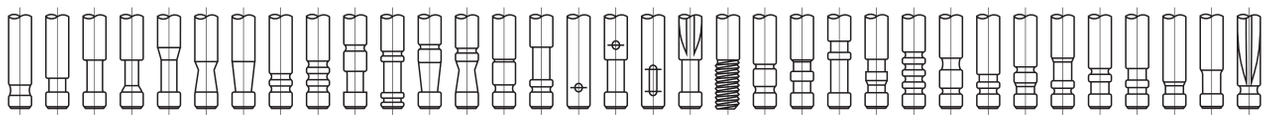
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ZAZ BENZYNA											
ENG. MeMZ-9683	**Zaporożec ZAZ 968/968M**	66-94	1197 ccm	29,8 kW (41 PS)	76 / 4	IN	PZAZ001	968-1007010	34,0x8,0x115,6	45	1
						EX	PZAZ002	968-1007015	32,0x8,0x115,0	45	1
ENG. MeMZ-968GE			1197 ccm	33,1 kW (45 PS)	76 / 4						
ENG. MeMZ-968BE			1197 ccm	37,3 kW (50 PS)	76 / 4						
ENG. MeMZ-245	**Tavria 1.1 (ZAZ 1102)**	1/89 →	1091 ccm	37,5 kW (51 PS)	72 / 4	IN	PZAZ003	2451007010-10	34,0x8,0x110,8	45	1
ENG. MeMZ-310	**Tavria 1.3 (ZAZ 1102)**	1/89 →	1254 ccm	44 kW (60 PS)	75 / 4	EX	PZAZ004	2451007012-10	28,9x8,0x110,9	45	1



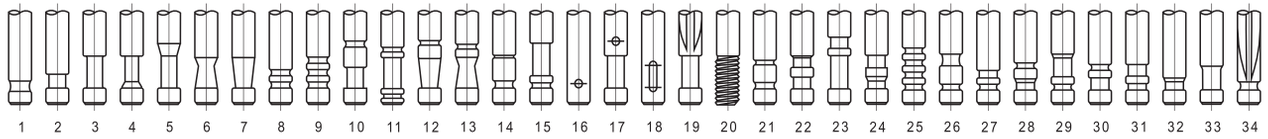
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ZETOR DIESEL											
25						IN	PZET001	Z620244	45,0x10,0x155,5	45	7
						EX	PZET002	Z620254	41,0x10,0x155,5	45	7
ENG. 5201, 6201, 7201, 7701, 6202	**5211, 5245, 6211, 6245, 6911,6945, 7011, 7045, 7211, 7245, 7711, 7745, 3020, 3340, 4320, 4340, 5320, 5340, 6320, 6340, 3321, 3341, 4321, 4341, 5321,5341, 6321, 6341**	69 →			110 / 4	IN	PZET003	69010555	44,2x10,0x129,5	45	1
						EX	PZET004	69010554	36,5x10,0x129,5	45	1
35 HP	**UR 1**	60-77				IN	PZET005	950505	39,2x8,0x129,5	45	7
ENG. 2001	**Series 1511, 2011**	60-74	1560 ccm	17-21 kW (23-28 PS)	95 / 2	EX	PZET006	950506	33,2x10,0x127,5	45	33
	Series 1522, 2013, 2017, 2023	60-77									
	Series 2511	1/71-6/72									
ENG. 3001	**Series 3011, 3013, 3016, 3017, 3045, 3513,**	60-77	2340 ccm	25-29 kW (34-40 PS)	95 / 3						
	Series 3511, 3516, 3545	1/71-6/72									
ENG. 4001	**Series 4011, 4016**	60-72	3120 ccm	35 kW (48 PS)	95 / 4						
	Series 4511, 4611	1/71-6/72									



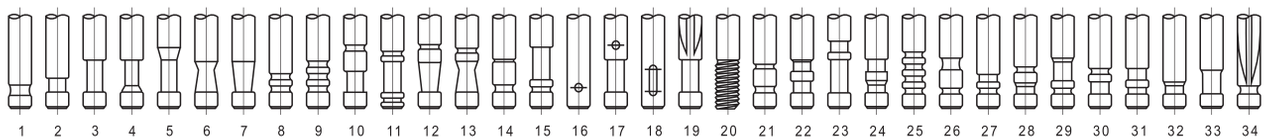
Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L (mm. d, D, L)	Kąt przylgni	Typ zamka
ZETOR DIESEL											
ENG. 8001 Turbo	**Series 8011**	69 →			110 / 4	IN	PZET007	89005915	49,2x10,0x139,0	30	1
	Series 8045	69 →						489005915			
ENG. 8601 Turbo	**Series 8611, 12011**	69 →			110 / 6			64000423			
	Series 12045	69 →				EX	PZET009	80005015	41,3x10,0x138,9	45	1
								480005015			
								89005902			
								64000424			
ENG. 8001	**Series 8011**	69 →	4562 ccm	55-60 kW (75-82 PS)	110 / 4	IN	PZET008	80005014	49,2x10,0x138,9	45	1
	Series 8045	1/68 →						480005014			
ENG. 8601	**Series 8611, 12011**	1/68 →	6842 ccm	74-87 kW (100-118 PS)	110 / 6	EX	PZET009	80005015	41,3x10,0x138,9	45	1
	Series 12045	1/68 →						480005015			
								89005902			
								64000424			
						IN	PZET012	78.005.014	45,4x10,0x136,6	30	1
						EX	PZET013	78.005.015	36,2x10,0x136,6	45	1
						IN	PZET014	52020555	44,1x10,0x129,4	30	1
						EX	PZET015	52020507	36,4x10,0x129,4	45	1
						IN	PZET016	19.006.008	36,5x7,0x123,2	45	9
						EX	PZET017	19.006.009	33,0x7,0x123,2	45	9



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ZIL (ZIŁ) BENZYNA											
ENG. ЗИЛ-130	**ZIŁ 130**	62-94	5969 ccm	110-125 kW (150-170 PS)	100 / 8	IN	PZIL001	130-1007010-B	50,5x11,0x142,6	30	2
	ZIŁ 131	66-02				EX	PZIL002	130-1007015-B	41,0x11,0x142,6	45	2



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ZÜNDAPP BENZYNA											
KS 750		40-48	751 ccm	19,1 kW (26 PS)	75 / 2	IN/ EX	PZUN001		35,0x9,0x90,0	45	9



Typ	Marka, model	Rok produkcji	Pojemność	Moc	Średnica, ilość cylindrów	IN/ EX	Numer AMP	Numer oryginalny	D x d x L	Kąt przylgni	Typ zamka
ŻUK BENZYNA											
ENG. S-21 (OHV)	**Żuk A11B**	76-98	2120 ccm	51,5 kW (70 PS)	81,4 / 4	IN	PZUK001	S21-1007012-2	40,5x9,0x119,5	45	2
						EX	PZUK002	S21-1007013-1	33,5x9,0x119,5	45	2

