



**Catalog**

May. 2024

# Make It Simple

GrandPaw supplies high level hand tools, automotive specialty tools and shop equipment to consumers worldwide. We defines quality and value for customers by developing professional tools and providing proactive service to ensure the success of customers. We also make and meet commitment by providing solutions that move the business forward.

## 至简，至善

“初心在方寸、咫尺在匠心”，熊固致力于让每一位机械师的工作变得简单、愉快，我们深刻懂得品质对于用户的价值，大道至简，大德至善，为每一位用户的成功提供优质的工具，日臻完善的服务。君子善物，非熊不固。



### Applications 应用领域



**Vehicle Repair & Maintenance**  
车辆维修与保养



**Manufacturing**  
机械制造业



**Aviation Industry**  
航空航天



**Air System**  
气动系统

## Digital Tire Gauge Inflator



192080

Part Number	192080
Reader Unit	Digital LCD display
Chuck Type	Clip on
Max. Inflation	174psi / 1,200 kPa / 12 Bar / 12 kgf
Scale	psi / kPa / Bar / kgf
Inlet Size	1/4" NPT / BSP female
Hose Length	15.70"(400mm)
Housing	Aluminum die casting
Trigger	Aluminum die casting
Accuracy	+/-2 psi @ 25 - 75psi (exceeds EC Directives 86/217)
Dimension(mm)	250 x 50 x 80
Weight	1.0 kgs
Operation	inflate, deflate, measure
Max. Airline Pressure	200 psi / 1300 kPa / 13 Bar / 14 kgf
Deflation Valve	Combi trigger
Powered by	2 x AAA (included)

### 192080 Digital Tire Gauge Inflator

- Three function design: inflate, deflate and measure pressure
- Measuring range: 3 ~ 175psi and displays in KG, PSI or Bar measurement
- Dural rubber hose with wire sheath avoid kinking and scratching
- Large gauge face, LCD, digital read-out
- Allows accurate reading of tire pressure assisting with functionality of use with TPMS (Tire Pressure Monitoring System)
- Works on a nitrogen system
- On/off power button with auto shut-off for increased battery life
- Easy change AAA battery design for 4X longer use
- New 3X longer backlight function



192030

### 192030 Digital Tire Gauge Inflator

- Three function design: inflate, deflate and measure pressure
- Measuring range: 3 ~ 175psi and displays in KG, PSI or Bar measurement
- 20"(500mm) durable rubber hose with new bend guard
- 3.5" Large gauge face, LCD, digital read-out
- Allows accurate reading of tire pressure assisting with functionality of use with TPMS (Tire Pressure Monitoring System)
- Works on a nitrogen system
- Unit covered with rubber sleeve for extra comfort and durability
- On/off power button with auto shut-off for increased battery life
- Easy change AAA battery design for 4X longer use
- New 3X longer backlight function



192060

### 192060 Digital Tire Inflator

- Three function design: inflate, deflate and measure pressure
- Measuring range: 3 ~ 175psi and displays in KG, PSI or Bar measurement
- 30"(800mm) durable rubber hose with new bend guard
- 3.5" Large gauge face, LCD, digital read-out
- Allows accurate reading of tire pressure assisting with functionality of use with TPMS (Tire Pressure Monitoring System)
- Works on a nitrogen system
- Gauge covered with rubber sleeve to protect from damage
- On/off power button with auto shut-off for increased battery life
- Easy change AAA battery design for 4X longer use
- New 3X longer backlight function

## Digital Tire Gauge Inflators



**192082**

### 192082 Digital Tire Inflator, Rechargeable

- Range: 3 - 175psi, 0.2 - 12 Bar
- 500mm (20") durable rubber hose
- Rechargeable battery for long service life
- Easy-to-read display
- Accuracy: +/-1%
- Powered by Li-ion battery(rechargeable)



**192045**

### 192045 Digital Tire Inflator

- Range: 3 - 145psi, 0.2 - 10 Bar
- 400mm (15") durable rubber hose
- Engineering plastic handle for comfort gripping
- Easy-to-read display
- Accuracy: +/-1%
- Powered by 2 x AAA batteries, included



**192039**

### 192039 Digital Tire Inflator

- Range: 5 - 230psi, 0.35 - 16 Bar
- 400mm (15-3/4") durable rubber hose
- Engineering plastic handle for comfort gripping
- Easy-to-read display
- Accuracy: +/-1%
- Powered by 2 x AAA batteries, included



**192035**

### 192035 Digital Tire Inflator

- Range: 3 - 150psi, 0 - 10 Bar
- 400mm (15-3/4") durable rubber hose
- Slimline handle design with rubber painting for comfort gripping
- Easy-to-read display
- Accuracy: +/-1%
- Powered by 2 x AAA batteries, included



**192033**

### 192033 Pistol Grip Digital Tire Inflator

- Precision Backlit LED Digital Gauge Measures up to 116 PSI
- Chuck gives easy access to inside dual wheels
- Lever inflation trigger at gauge with button valve to bleed off excess pressure
- Pistol grip trigger
- 400mm(15.7 inch). Hose
- Scales: PSI, kg/cm2, kpa and bar



**192151**

### 192151 Digital Air Manifold

- Range: 6 - 150psi / 0.1 - 10 Bar
- +/-1% accuracy
- Simultaneously inflate more tires.
- More outlets available.



## Analog Tire Gauge Inflators



**192031**

### 192031 Tire Gauge Inflator

- 3-in-1 function: inflate, deflate and measure tire pressure
- 80mm(3-1/8") pressure gauge (0-12 Bar/174psi)
- 500mm (20") durable rubber hose
- Aluminum die-casting unit covered with rubber sleeve for extra comfort and durability
- Easy-to-read display
- Increased safety and reduced tire-related incidents
- Accuracy: 0-58psi +/- 2psi, exceeds EEC/86/217



**192034**

### 192034 Heavy Duty Dial Type Tire Inflator

- Inflate heavy duty truck tires quickly and safely
- Lightweight Nylon body for ease of use
- Gauge measures from 6 – 116PSI / 0.4 – 8Bar
- Rubber gauge guard for added shock resistance
- 400mm(15.7 inch). hose



**192048**

### 192048 Tire Inflator with Pressure Gauge

- Zinc alloy die casting body w/ a rugged matte black powder coated finish
- High precision gauge equipped with metal housing, calibrated 10 - 220 PSI.
- 1/4" NPT inlet, BSP thread also available
- 5 feet flexible rubber hose with swivel air chuck connector



**192121**

### 192121 Dial Tire Gauge Inflator

- Operation – Inflate, Deflate & Measure
- Range: 10 - 220 PSI.
- Multiple measurements: PSI, Bar, Kpa
- 1/4" NPT inlet, BSP thread also available
- Dual head chuck makes tire valve more accessible.
- 12" flexible rubber hose



**192032**

### 192032 Pistol Grip Tire Inflator

- Range: 0.5 – 10 bar / 7 – 150PSI
- Pistol grip trigger
- 400mm(15.7 inch). hose
- 1/4" in air inlet



**192061**

### 192061 Tire Inflator with Liquid-Filled Gauge

- Range: 0.5 – 10 bar / 7 – 150PSI
- Liquid-filled gauge, Absorbs vibration/pressure spikes, reduces wear, Pistol grip trigger
- 400mm(15.7 inch). hose
- Scales: PSI, kgf, kpa and bar
- 1/4" in air inlet

## Analog Tire Gauge Inflators



**192116**

### 192116 Tire Gauge Inflator

- Function: inflate and measure tire pressure
- Range: 10-160 psi, 2-lb. increments
- Dual head chuck with 15" (38cm) flexible hose
- Heavy duty construction. Magnifying window lens.
- Gauge and valve cartridges can both be replaced.



**192133**

### 192133 Tire Gauge Inflator

- Function: inflate and measure tire pressure
- Measures in PSI, 10-90, 2-lb. increments
- Straight chuck with 12 inch / 30cm hose
- Zinc alloy die casting body
- Jumbo indicator bar, solid brass material.



**192119**

### 192119 Bayonet Tire Inflator Gauge

- Brass valve mechanism will provide years of reliable service
- Protective sleeve over dial tube for impact protection, withstands the tough home garage or commercial shop use.
- Solid brass bar gauge calibrated 10 – 120 PSI in 2 PSI increments
- Heavy duty cast body construction is designed for longevity and durability
- Dual head chuck makes tire valve more accessible.



**192120**

### 192120 Bayonet Tire Gauge

- Lever action trigger and heavy-duty construction, provides long service life even with constant use
- Protective sleeve over dial tube for impact protection, withstands the tough home garage or commercial shop use.
- Complete with a brass indicator bar for easy reading
- Includes a 12 inch hose with a pressure range that offers 10-120 PSI (2 lb increments)
- Clip-on air chuck for one hand operation



**192038**

### 192038 Tire Inflator

- Aluminum alloy die casting body with impact absorbing rubber bumper
- Slimline design with magnifier linear glass
- Dual scale readings
- Inflating range: 0 - 140psi / 0 - 10 Bar
- Industrial dual head chuck with non slip rubber grip plus a protected flexible chuck hose
- Accuracy: +/-2%



**192042**

### 192042 Tire Inflator, Slim Type

- Ergonomically designed trigger with two action position
- 75mm(3") pressure gauge
- Range: 0 - 100psi / 0 - 7 Bar
- 400mm (15.7") durable rubber hose
- Compact Nylon body for lightweight ease of use, and better grip feeling in cold season
- Accuracy: +/-2%

## Dial Tire Gauges



192067

### 192067 Dial Tire Gauge

- 5-60 PSI & BAR measurements
- 2 inch / 50mm dial gauge
- Fits on a Schrader valve stem
- Brass shaft with Chrome plating
- Build in air bleeder valve
- Meets ANSI B40.1 Grade B



192069

### 192069 Dial Tire Gauge

- 5-60 PSI & BAR measurements
- 2 inch / 50mm dial gauge
- Glow in the dark
- Flexible hose with brass swivel air chuck
- Build in air bleeder valve
- Meets ANSI B40.1 Grade B



192068

### 192068 Dial Tire Gauge

- 5-60 PSI & BAR measurements
- 2 inch / 50mm dial gauge
- Glow in the dark
- Brass shaft with swivel air chuck
- Build in air bleeder valve
- Meets ANSI B40.1 Grade B



192143

### 192143 Truck Tire Pressure Gauge

- Range: 7 - 160 PSI / 0.5 - 11 bar
- 2 inch / 50mm dial gauge
- 11 inch / 230mm extended dual head straight air chuck
- Scales: PSI, kgf, kpa and bar
- Build in air bleeder valve
- Meets ANSI B40.1 Grade B

## Service Gauges



192161

### 192161 Service Gauge, Angle Dual Head

- Range: 10 - 160psi / 0 - 11 Bar
- Steel indicator bar
- Heavy duty plated brass tube.



192161A

### 192161A Service Gauge, Angle Dual Head

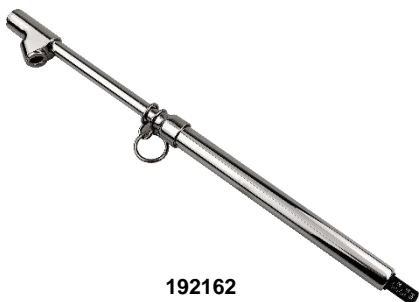
- Range: 10 - 160psi / 0 - 11 Bar
- Aluminum indicator bar
- Heavy duty plated brass tube.



192161P

### 192161P Service Gauge, Angle Dual Head

- Range: 10 - 160psi / 0 - 11 Bar
- Nylon indicator bar
- Heavy duty plated brass tube.



192162

### 192162 Service Gauge, Straight Dual Head

- Range: 10 - 160psi / 0 - 11 Bar
- Aluminum indicator bar
- Heavy duty plated brass tube.



192163

### 192163 Service Gauge, Straight Dual Head

- Range: 10 - 160psi / 0 - 11 Bar
- Nylon indicator bar
- Heavy duty powder coated tube.



192164

### 192164 Service Gauge, Swivel Head

- Range: 10 - 150psi / 0 - 10 Bar
- Nylon indicator bar
- Swivel head for both inner and outer wheel valve.

## Automatic Tire Inflator, Vehicle Mounted



192021



### 192021 Vehicle Mounted Automatic Tire Inflator

- Compact & lightweight design for vehicle mounting
- Available in either a 12V or 24V configuration
- Scale: 174p.s.i., 12bar, 1200 kPa, 12 kgf
- Inlet size: 1/4 " BSP/NPT female
- Hose length: 10M
- Accuracy:  $\pm 0.3$  p.s.i. @ 25-75 p.s.i.
- Operation: Auto inflate, deflate
- Compatible with most on-board air compressor
- Working temperature: -10 +50° C
- Inflation flow: 88CFM - 2500 L/min @ 174 p.s.i.

## Automatic Tire Inflator, Handheld



192012

### 192012 Handheld Automatic Tire Inflator

- Scale: 174p.s.i., 12bar, 1200 kPa, 12 kgf
- Inlet size: 1/4 " BSP/NPT female
- Hose length: 1.5M
- Dimensions: 325 L x 95 W x 80 H mm
- Weight: 1.2kg
- Accuracy:  $\pm 0.3$  p.s.i. @ 25-75 p.s.i.
- Operation: Auto inflate, deflate
- Supply pressure max: 182 p.s.i. / 12.5 bar
- Charger voltage: Input AC 110 - 240 V (50-60 Hz)
- Batteries: DC 12V rechargeable Li-Ion battery
- Working temperature: -10 +50° C
- Inflation flow: 88CFM - 2500 L/min @ 174 p.s.i.

### Features & Benefits:

- The Handheld Automatic Tire Inflator is truly portable automatic inflator/deflator.
- Powered by a rechargeable Lithium-Ion battery, lasting up to an impressive 15 hours (continuous use), about 500 inflation cycles
- Connect to airline, set the required pressure and then let this automatic inflator do the rest (for deflating connecting the hose is not necessary).
- Housed in a tough ABS case, has a 1.5 m hose and inflates up to 174 p.s.i. at an astonishing 2500 L/min @ 174 p.s.i.
- The inflator also has two programmable pre-set buttons for setting the common pressures quickly and easily.
- Auto-off after 90 seconds
- Ideal for cars, trucks, tractors, military vehicles and planes tires
- Large easy to read LCD display with audible warning
- Tough ABS case
- Individually calibrated and tested, meet standard EEC/86/217
- OPS (Over Pressure Setting) function that allows the tire to be inflated to a certain pressure then deflates automatically to a normal operating pressure, used for seating tires on rims.



## Automatic Tire Inflator, Wall-Mounted



192010



192020



192040

Item	192010	192020	192020
Reader Unit	Digital LCD display, audible warning		
Chuck Type	Clip on		
Chuck Style	Single straight		
Housing	Aluminium Die Casting	Plastic	Metal Sheet
Scale	174 PSI / 12 Bar	145 PSI / 10 Bar	
Accuracy	+/- 0.3 PSI @ 25 - 75PSI		
Operation	Auto inflate, deflate		
Supply Pressure Max.	182 PSI	152 PSI	152 PSI
Button	HD Mechanical	Mechanical	
Inlet Size	1/4" NPT / BSP female		
Hose Length	7.5 M (up to 50 meter)		
Advised Application	Forecourt, Industrial, Workshops		
Supply Voltage	AC 110 - 240V(50 - 60Hz), or DC 12V		
Wattage	12 W max.		
Working Temperature	-10 ~ +50°C		
Humidity Range	Up to 95% RH non condensing		
Inflation Flow (Max.)	3,000 L/min	2,000 L/min	2,000 L/min
IP Rate	IP54		
Dimension	230x278x85 mm	190x150x70 mm	410x275x220 mm
Weight	5.5 kgs	2.3 kgs	8 kgs

### Features & Benefits:

- These inflators have three functions:
  - Standard inflate/deflate (auto)
  - Over pressure for tire shops; where new tires are fitting and you need to ensure that the tire inflates to a pressure where the tire seats properly on the rim then deflates automatically to the required pre-set pressure
  - Flat tire; where there is no residual tire pressure in the tire the inflator does not automatically start so a manual override is required to fill flat tires
- A loud audible warning that can be heard in the noisiest areas when the correct tire pressure has been reached
- Supplied with calibration certificate, accuracy exceeds EC Directive 86/217
- Includes Nitto equivalent adaptor
- Large backlit LCD display with audible warning
- Ideal for mechanical workshops, tire store, quick lube centers, rental car facilities and automobile dealerships
- IP54 rated for indoor and outdoor use
- Inflates accurately with hoses up to 50 m long

# Tire Bead Seater



192031



192031X

Part Number	192131, 192131X	ATV Tire	40 PSI
Material	Solid Steel Construction	Lawn Tractor Tire	40 - 50 PSI
Application	All Heavy Duty Vehicle Including ATV, Tractor, Cars, Truck, And More	Tractor Tire	100 - 120 PSI
Capacity	5 Gallons / 19 Litre	Large Tractor Tire	120 PSI
Work On Tire Up To	24.5"	Car Tire	50 - 60 PSI
Operating Pressure:	87 - 116 PSI (6 - 8 Bar)	Truck Tire	100 - 130 PSI
Maximum Pressure:	150 PSI (10 Bar)	4 x 4 Tire	60 - 80 PSI

## 192031 Tire Bead Seater

- Air tank: Steel, Aluminum is optional
- Capacity: 5 Gallons, more size available
- Delivers impressive high-pressure explosions
- Taking less than 1 second to inflate
- Complies with CE standard.

## 192031X Tire Bead Seater

- Automatic discharge valve
- Air tank: Steel, Aluminum is optional
- Capacity: 5 Gallons, more size available
- Delivers impressive high-pressure explosions
- Taking less than 1 second to inflate
- Complies with CE standard.



192032-9L



192032-12L

Part Number	192132-9L / 192132-12L	ATV Tire	40 PSI
Material	Aluminium Air Tank	Lawn Tractor Tire	40 - 50 PSI
Application	Heavy Duty Vehicle Including ATV, Tractor, Cars, Truck, And More	Tractor Tire	100 - 120 PSI
Capacity	2 Gal (9 L) / 2.6 Gal (12 L)	Large Tractor Tire	120 PSI
Work On Tire Up To	22.5"	Car Tire	50 - 60 PSI
Operating Pressure:	87 - 116 PSI (6 - 8 Bar)	Truck Tire	100 - 130 PSI
Maximum Pressure:	150 PSI (10 Bar)	4 x 4 Tire	60 - 80 PSI

## 192032-9L Tire Bead Seater

- Air tank: Aluminum
- Capacity: 2 Gallons (9L), more size available
- Delivers impressive high-pressure explosions
- Taking less than 1 second to inflate
- Complies with CE standard.

## 192032-12L Tire Bead Seater

- Air tank: Aluminum
- Capacity: 2.6 Gallons (12L)
- Delivers impressive high-pressure explosions
- Taking less than 1 second to inflate
- Complies with CE standard.

## Air Chucks



### AC2071 Dual Head Tire Air Chuck

- Open type for tire gauges and inflators. Closed type also available.
- Solid brass head, built to withstand the toughest home garage or shop use
- Maximum pressure rating of 150 PSI
- Overall Length: 9"/ 230mm
- 1/4" female connection



### AC2078 Dual Head Tire Air Chuck

- Open / Closed type.
- Solid brass head, built to withstand the toughest home garage or shop use
- Maximum pressure rating of 150 PSI
- Soft grip handle
- Overall Length: 6"/ 158mm
- 1/4" female connection



### AC2073 Dual Head Air Chuck

- Revers angle head fits standard automotive wheel with Schrader valves
- Both open and closed type available
- 1/4" inlet with female NPT or BSP thread
- Maximum pressure rating of 150 PSI
- Overall Length: 6"/ 150mm



### AC2072 Dual Head Air Chuck

- Angled reversed dual head makes tire valve more accessible.
- Zinc die casting head with Chrome plated
- Open / Closed type optional
- Maximum pressure rating of 150 PSI
- Overall Length: 8"/ 200mm
- 1/4" female NPT connection



### AC2074 Dual Head Air Chuck, Hose Barb

- Angled reversed dual head makes tire valve more accessible.
- Zinc die casting head with Chrome plated
- Open / Closed type optional
- Maximum pressure rating of 150 PSI
- Overall Length: 8"/ 200mm
- 1/4" ID hose barb connection



### AC2096 Dual Head Straight Air Chuck

- Straight foot made of zinc alloy
- Both open and closed type available
- 1/4" female NPT or BSP inlet with 5/8" / 16mm hex connector
- Maximum pressure rating of 150 PSI
- Overall Length: 6"/ 150mm



### AC2096L Dual Head Straight Air Chuck

- Straight foot made of zinc alloy
- Both open and closed type available
- 1/4" female NPT or BSP inlet with 5/8" / 16mm hex connector
- Maximum pressure rating of 150 PSI
- Overall Length: 13.8"/ 350mm



### AC2097 Dual Head Air Chuck

- Dual head made of zinc alloy
- Both open and closed type available
- 1/4" female NPT or BSP inlet with 5/8" / 16mm hex connector
- Maximum pressure rating of 150 PSI
- Overall Length: 6"/ 150mm



### AC2100 Ball Foot Air Chuck

- 1/4" NPT or BSP female thread
- Zinc die casting ball foot with Chrome plating.
- Closed type
- Maximum air pressure of 150 PSI or 10 Bar



### AC2091 Lock On Air Chuck, Standard Bore

- Designed for most vehicles with standard Schrader valve stem
- 3-jaw lock-on features for secure connection when the guard is pushed forward
- Maximum pressure rating of 150 PSI
- 1/4" female thread connection
- Both closed flow and open flow are available



### AC2098 Lock On Tire Air Chuck

- Lock-on air chuck for general commercial and industrial air filling applications.
- Brass construction, built to withstand the toughest home garage or shop use
- Maximum pressure rating of 300 PSI
- 1/4" female thread connection
- Both closed flow and open flow are available



### AC2085 Clip-On Tire Chuck, Heavy Duty

- Clip on to valve threads for hands free tire inflation.
- Compatible with Schrader valves
- Open or closed flow is optional
- Solid brass material for better corrosion resistance
- The maximum air pressure is 150 PSI

## Air Chucks



### AC2099 Clip-On Air Chuck, Standard

- Clip on to valve threads for hands free tire inflation.
- Compatible with Schrader valves
- Open flow
- Solid brass material for better corrosion resistance
- The maximum air pressure is 150 PSI



### AC2087 Air Hose Chuck

- 1/4" hose inner dimension hose barb
- Maximum air pressure of 150 PSI
- Both open flow and closed/sealing type air chuck available
- Suitable for use on inflator gauges or air line



### AC2101 Clip-On Air Chuck

- 1/4" NPT or BSP female thread
- Zinc die casting ball foot with Chrome plating.
- Closed type
- Maximum air pressure of 150 pounds per square inch



### AC2095HB Clip-On Air Chuck

- Suitable for 1/4" ID hose
- CNC machined hose barb for high accurate dimension and secured connection with most air hoses
- Maximum air pressure of 150 pounds per square inch



### AC2094 Ball Foot Air Chuck

- Mounts directly to an air hose
- Built-in shut-off valve to stop airflow when chuck is not in use
- The air will escape only during inflation (in contact with the tire valve)
- Suitable for 1/4" ID hose
- Max. air pressure of 150 PSI or 10 Bar.



### AC2098 Ball Foot Air Chuck

- Designed to mount directly to Schrader valve stem
- Built-in shut-off valve to stop airflow when chuck is not in use
- Hose barb is suitable for 1/4" inner diameter hose
- Max. air pressure of 150 PSI or 10 Bar.

## Safety Air Couplers



181106

### 181106 Safety Air Coupler, Industrial Type

- Safety air coupler fittings prevent possible injury or damage, compatible with Milton / Industrial plugs.
- More version available which could be interchangeable with most manufacturers: ARO, Tru-Flate, European / high flow type
- By one push button to release the air and second push to disconnect the coupling, users can easily change out their tools without the risk of hose whip that can cause injuries to the operator and damages to surrounding tools and products.
- Non-scratch, composite body is resistant to abrasion, vibration, corrosion, shocks and crushing.
- Flow rate: 36 standard cubic feet per minute (SCFM) at 150 PSI pressure air supply.
- Ergonomic anti-slip button
- Inlet size: 1/4 " BSP/NPT female
- 1/4 basic flow size
- Connecting type: NPT male thread, NPT female thread, hose barb.
- Max. air pressure: 150 PSI
- Max. working temperature: -20° ~ +100° C / -4° ~ +212° F
- Seal Material: Nitrile



## Air Couplers & Plugs, Industrial Style

### Features:

- The industrial style air coupler and plug are made of solid brass for better durability.
- Our fittings are interchangeable with similar couplers manufactured to the same standard.
- These air fittings conform to Mil spec MIL-C-4109F and ISO6150-B.
- Applied for air compressors, pneumatic tools, air lines etc.
- Body size includes 1/4, 3/8 & 1/2.
- Connecting type: NPT male thread, NPT female thread, hose barb.
- Max. air pressure: 300 PSI
- Max. working temperature is up to 120°C or 250°F



Body Size	Connection Type	Part Number	Material	Body Size	Connection Type	Part Number	Material
1/4	1/4-18 NPT Male Thread	API22M	Brass, Steel, Aluminium	1/4	1/4-18 NPT Male Thread	ACI22M	Brass, Steel
1/4	1/4-18 NPT Female Thread	API22F	Brass, Steel, Aluminium	1/4	1/4-18 NPT Female Thread	ACI22F	Brass, Steel
1/4	3/8-18 NPT Male Thread	API23M	Brass, Steel	1/4	3/8-18 NPT Male Thread	ACI23M	Brass, Steel
1/4	3/8-18 NPT Female Thread	API23F	Brass, Steel	1/4	3/8-18 NPT Female Thread	ACI23F	Brass, Steel
1/4	1/4 Hose I.D., Barbed	API22H	Brass, Steel	1/4	1/4 Hose I.D., Barbed	ACI22H	Brass, Steel
1/4	3/8 Hose I.D., Barbed	API23H	Brass, Steel	1/4	3/8 Hose I.D., Barbed	ACI23H	Brass, Steel
3/8	1/4-18 NPT Male Thread	API32M	Brass, Steel	3/8	1/4-18 NPT Male Thread	ACI32M	Brass, Steel
3/8	1/4-18 NPT Female Thread	API32F	Brass, Steel	3/8	1/4-18 NPT Female Thread	ACI32F	Brass, Steel
3/8	3/8-18 NPT Male Thread	API33M	Brass, Steel	3/8	3/8-18 NPT Male Thread	ACI33M	Brass, Steel
3/8	3/8-18 NPT Female Thread	API33F	Brass, Steel	3/8	3/8-18 NPT Female Thread	ACI33F	Brass, Steel
3/8	1/2-14 NPT Male Thread	API34M	Brass, Steel	3/8	1/2-14 NPT Male Thread	ACI34M	Brass, Steel
3/8	1/2-14 NPT Female Thread	API34F	Brass, Steel	3/8	1/2-14 NPT Female Thread	ACI34F	Brass, Steel
3/8	3/8 Hose I.D., Barbed	API33H	Brass, Steel	3/8	3/8 Hose I.D., Barbed	ACI33H	Brass, Steel
3/8	1/2 Hose I.D., Barbed	API34H	Brass, Steel	3/8	1/2 Hose I.D., Barbed	ACI34H	Brass, Steel
1/2	3/8-18 NPT Male Thread	API43M	Steel	1/2	3/8-18 NPT Male Thread	ACI43M	Steel
1/2	3/8-18 NPT Female Thread	API43F	Steel	1/2	3/8-18 NPT Female Thread	ACI43F	Steel
1/2	1/2-14 NPT Male Thread	API44M	Steel	1/2	1/2-14 NPT Male Thread	ACI44M	Steel
1/2	1/2-14 NPT Female Thread	API44F	Steel	1/2	1/2-14 NPT Female Thread	ACI44F	Steel
1/2	3/4-14 NPT Male Thread	API46M	Steel	1/2	3/4-14 NPT Male Thread	ACI46M	Steel
1/2	3/4-14 NPT Female Thread	API46F	Steel	1/2	3/4-14 NPT Female Thread	ACI46F	Steel

## Air Couplers & Plugs, Tru-Flate / Automotive Style



Body Size	Connection Type	Part Number	Material
1/4	1/4-18 NPT Male Thread	APT22M	Brass, Steel
1/4	1/4-18 NPT Female Thread	APT22F	Brass, Steel
1/4	3/8-18 NPT Male Thread	APT23M	Brass, Steel
1/4	3/8-18 NPT Female Thread	APT23F	Brass, Steel
1/4	1/4 Hose I.D., Barbed	APT22H	Brass, Steel
1/4	3/8 Hose I.D., Barbed	APT23H	Brass, Steel

Body Size	Connection Type	Part Number	Material
1/4	1/4-18 NPT Male Thread	ACT22M	Brass, Steel
1/4	1/4-18 NPT Female Thread	ACT22F	Brass, Steel
1/4	3/8-18 NPT Male Thread	ACT23M	Brass, Steel
1/4	3/8-18 NPT Female Thread	ACT23F	Brass, Steel
1/4	1/4 Hose I.D., Barbed	ACT22H	Brass, Steel
1/4	3/8 Hose I.D., Barbed	ACT23H	Brass, Steel

## Air Couplers & Plugs, ARO Style



Body Size	Connection Type	Part Number	Material
1/4	1/4-18 NPT Male Thread	APA22M	Brass, Steel
1/4	1/4-18 NPT Female Thread	APA22F	Brass, Steel
1/4	3/8-18 NPT Male Thread	APA23M	Brass, Steel
1/4	3/8-18 NPT Female Thread	APA23F	Brass, Steel
1/4	1/4 Hose I.D., Barbed	APA22H	Brass, Steel
1/4	3/8 Hose I.D., Barbed	APA23H	Brass, Steel

Body Size	Connection Type	Part Number	Material
1/4	1/4-18 NPT Male Thread	ACA22M	Brass, Steel
1/4	1/4-18 NPT Female Thread	ACA22F	Brass, Steel
1/4	3/8-18 NPT Male Thread	ACA23M	Brass, Steel
1/4	3/8-18 NPT Female Thread	ACA23F	Brass, Steel
1/4	1/4 Hose I.D., Barbed	ACA22H	Brass, Steel
1/4	3/8 Hose I.D., Barbed	ACA23H	Brass, Steel

## Air Couplers & Plugs, Lincoln Style



Body Size	Connection Type	Part Number	Material
1/4	1/4-18 NPT Male Thread	APL22M	Steel
1/4	1/4-18 NPT Female Thread	APL22F	Steel
1/4	3/8-18 NPT Male Thread	APL23M	Steel
1/4	3/8-18 NPT Female Thread	APL23F	Steel

Body Size	Connection Type	Part Number	Material
1/4	1/4-18 NPT Male Thread	ACL22M	Brass, Steel
1/4	1/4-18 NPT Female Thread	ACL22F	Brass, Steel
1/4	3/8-18 NPT Male Thread	ACL23M	Brass, Steel
1/4	3/8-18 NPT Female Thread	ACL23F	Brass, Steel

## Air Couplers & Plugs, High Flow / Germany Style

### Features:

- The high flow / Germany style air coupler has greater airflow characteristics for the larger air tool applications in garage and tire shop environments.
- The increased flow results in greater tool efficiency and decreased air costs.
- The high flow air compressor fittings are manufactured in solid brass for better durability, and steel material is also available. Steel is hard and resilient with more damage resistance than softer metals and a wide range of working temperature, and Zinc-plated finish provides high corrosion resistance.
- High flow air hose fittings are the female end of coupling sets, also called high flow quick connect air fittings or couplings. They are coupled with V style air nipples (male ends) to connect pneumatic tools.
- The High Flow Air Coupler is interchangeable with Germany style couplings DN7.2 – 7.8, Cejn 320, Legris 25/26, Norgren 234/238, Rectus 25/26, Schrader InterCheck 35.
- Applied for air compressors, pneumatic tools and use only in air workshop.
- 1/4 & 3/8 basic flow size
- Connecting type: NPT male thread, NPT female thread and hose barb.
- Max. air pressure: 300 PSI
- Max. working temperature: -20° ~ +120° C / -4° ~ +250° F



Body Size	Connection Type	Part Number	Material
1/4	1/4 NPT or BSP, Male Thread	APEU22M	Brass, Steel
1/4	1/4 NPT or BSP, Female Thread	APEU22F	Brass, Steel
1/4	3/8 NPT or BSP, Male Thread	APEU23M	Brass, Steel
1/4	3/8 NPT or BSP, Female Thread	APEU23F	Brass, Steel
1/4	1/4 or 6mm Hose I.D., Barbed	APEU22H	Brass, Steel
1/4	8mm Hose I.D., Barbed	APEU28M MH	Brass, Steel
1/4	3/8 or 10mm Hose I.D., Barbed	APEU23H	Brass, Steel
3/8	1/4 NPT or BSP, Male Thread	APEU32M	Brass, Steel
3/8	1/4 NPT or BSP, Female Thread	APEU32F	Brass, Steel
3/8	3/8 NPT or BSP, Male Thread	APEU33M	Brass, Steel
3/8	3/8 NPT or BSP, Female Thread	APEU33F	Brass, Steel
3/8	1/2 NPT or BSP, Male Thread	APEU34M	Brass, Steel
3/8	1/2 NPT or BSP, Female Thread	APEU34F	Brass, Steel
3/8	8mm Hose I.D., Barbed	APEU38M MH	Brass, Steel
3/8	3/8 or 10mm Hose I.D., Barbed	APEU33H	Brass, Steel
3/8	1/2 or 13mm Hose I.D., Barbed	APEU34H	Brass, Steel

Body Size	Connection Type	Part Number	Material
1/4	1/4 NPT or BSP, Male Thread	ACDE22M	Brass, Steel
1/4	1/4 NPT or BSP, Female Thread	ACDE22F	Brass, Steel
1/4	3/8 NPT or BSP, Male Thread	ACDE23M	Brass, Steel
1/4	3/8 NPT or BSP, Female Thread	ACDE23F	Brass, Steel
1/4	1/4 or 6mm Hose I.D., Barbed	ACDE22H	Brass, Steel
1/4	8mm Hose I.D., Barbed	ACDE28M MH	Brass, Steel
1/4	3/8 or 10mm Hose I.D., Barbed	ACDE23H	Brass, Steel
3/8	1/4 NPT or BSP, Male Thread	ACDE32M	Brass, Steel
3/8	1/4 NPT or BSP, Female Thread	ACDE32F	Brass, Steel
3/8	3/8 NPT or BSP, Male Thread	ACDE33M	Brass, Steel
3/8	3/8 NPT or BSP, Female Thread	ACDE33F	Brass, Steel
3/8	1/2 NPT or BSP, Male Thread	ACDE34M	Brass, Steel
3/8	1/2 NPT or BSP, Female Thread	ACDE34F	Brass, Steel
3/8	8mm Hose I.D., Barbed	ACDE38M MH	Brass, Steel
3/8	3/8 or 10mm Hose I.D., Barbed	ACDE33H	Brass, Steel
3/8	1/2 or 13mm Hose I.D., Barbed	ACDE34H	Brass, Steel



## **Shanghai GrandPaw Tools Co., Ltd.**

Address: Lane 885, East Huancheng Rd, Nanqiao, Fengxian, Shanghai, China. 201400  
Phone: + 86 136 6166 7928  
Website: [www.grandpawtools.com](http://www.grandpawtools.com)  
Email: [info@grandpawtools.com](mailto:info@grandpawtools.com), [GrandPawTools@outlook.com](mailto:GrandPawTools@outlook.com)