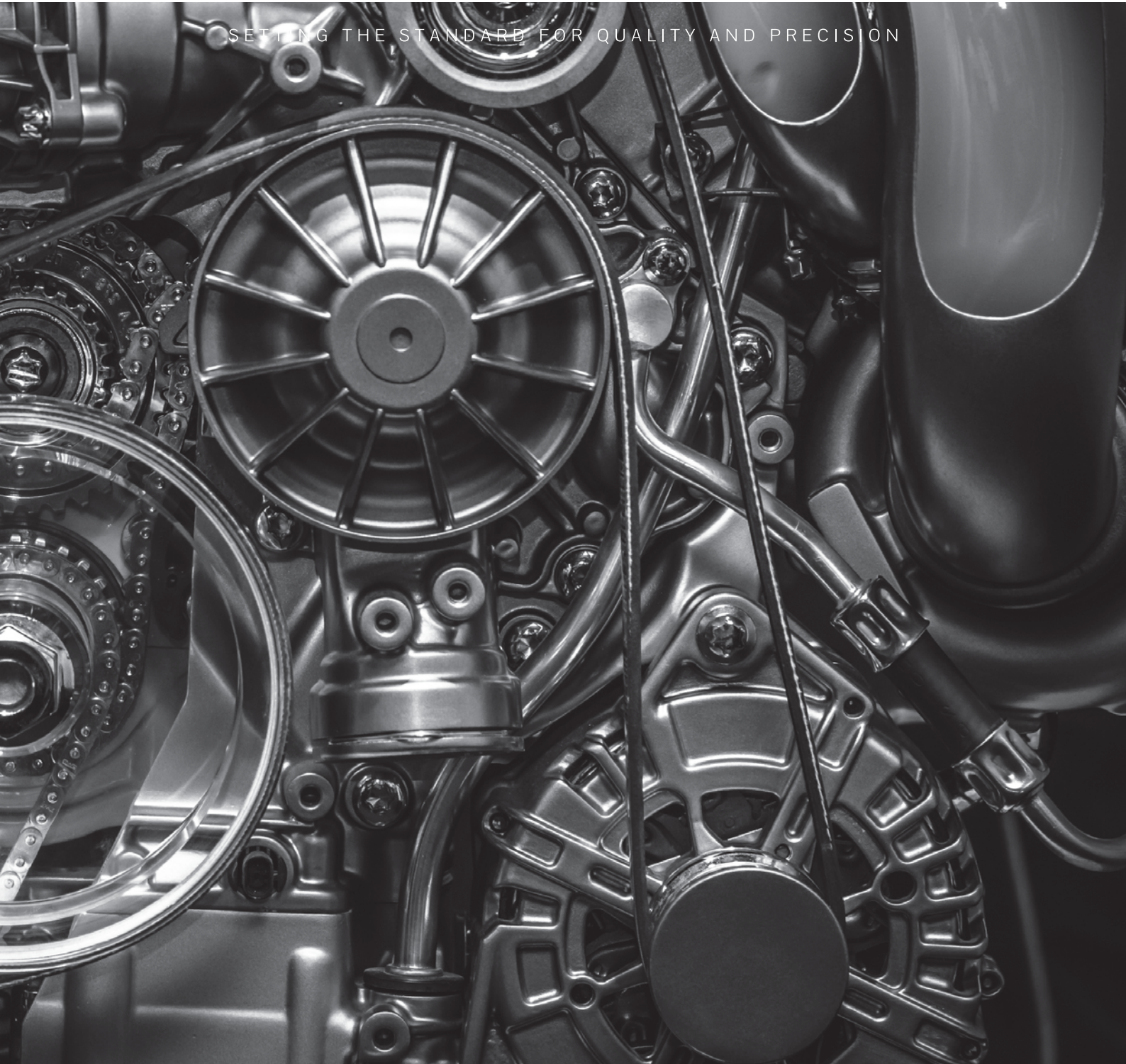


Universal Rubber Belt Manufacturing LLC

SETTING THE STANDARD FOR QUALITY AND PRECISION



 UNIVERSAL
RUBBER BELT MANUFACTURING



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COMPANY PROFILE



Universal Rubber Belt Manufacturing: Setting the Standard for Quality and Precision

Welcome to the Universal Rubber Belt Manufacturing catalogue. Situated in the heart of Dubai Industrial City, our 200,000 sq ft factory is home to a dedicated team of over 200 professionals committed to innovation and excellence in rubber belt production.



Our extensive range of transmission belts, designed for automotive, industrial, and agricultural applications, proudly bears the **"Made in UAE"** mark.

This symbol signifies our origin and a pledge to deliver unparalleled quality that competes with premium global brands.

Whether you're in the UAE or on a different continent, we are fully equipped to meet your requirements.

We invite you to explore our catalogue and discover the precision-engineered products range we offer.



▶▶
SERVICES
&
PRODUCTS

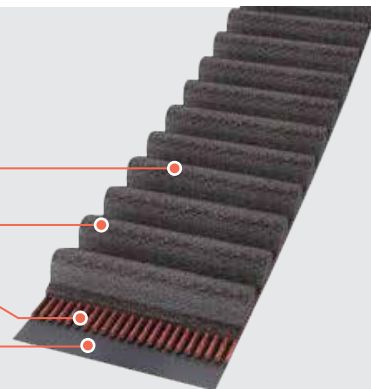
10 INDUSTRIAL TIMING BELTS

POLYAMIDE FABRIC

SYNTHETIC RUBBER TEETH

TENSION MEMBER GLASS CORD

SYNTHETIC RUBBER BACKING



Timing belts for the lower and medium power range.

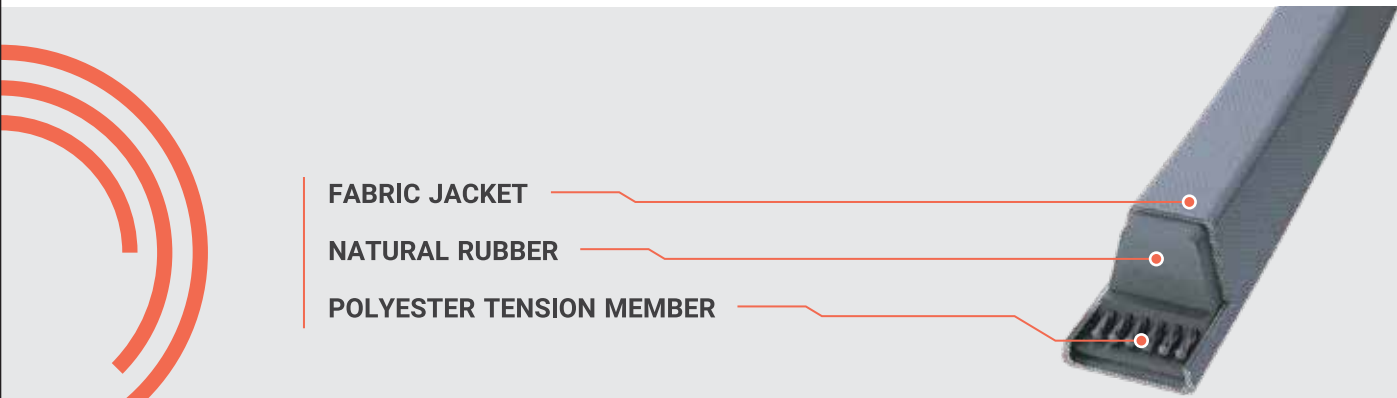
PROPERTIES:

- ▶ Temperature range depending on application, from -20°C to $+100^{\circ}\text{C}$
- ▶ Conditionally resistant to oil
- ▶ Ozone-resistant
- ▶ Suitable for tropical climates
- ▶ Aging-resistant
- ▶ Suitable for reverse flexing / reverse tensioning idlers
- ▶ Maintenance-free



| Profile | | |
|---------|-----|-----|
| MXL-XXH | HTD | STD |
| | | |
| MXL | 3M | S8M |
| XL | 5M | |
| H | 8M | |
| XH | 14M | |
| XXH | | |

01 CLASSICAL WRAPPED V-BELTS



PRODUCT DESCRIPTION:

The classical V-belts are temperature and oil resistant, antistatic, universal belt types with good power transmission capabilities. Classical V-belts are marked TS, tolerance stable, and belts with the same number can be combined into matched sets without sorting.

APPLICATION:

Classical V-belts are all-round V-belt types with wide range of applications in agricultural and industrial machinery.

Classical V-belts provide a technically and economically good design for most ordinary drives.

STANDARDS: Classical V-belts: Pulleys:

ISO 4184,
BS 3790,
DIN 2215,
ANSI/RMA IP-20,
ASAE S 211.4
etc.

ISO 4183,
BS 3790,
DIN 2211/1,
DIN 2217/1,
ANSI/RMA IP-20,
ASAE S 211.4
etc.

| Belt Type | Top Width (mm) | Height | Length Range (mm) | Length Range (inch) |
|-----------|----------------|--------|-------------------|---------------------|
| Z | 10 | 5.5 | 400-2432 | 16-96 |
| A | 12.5 | 9 | 407-7125 | 16-280 |
| B | 16.5 | 11 | 473-13173 | 19-519 |
| C | 22 | 14 | 997-13164 | 39-708 |
| D | 32 | 19 | 2430-13148 | 96-708 |
| E | 38 | 24 | 4014-13133 | 158-708 |

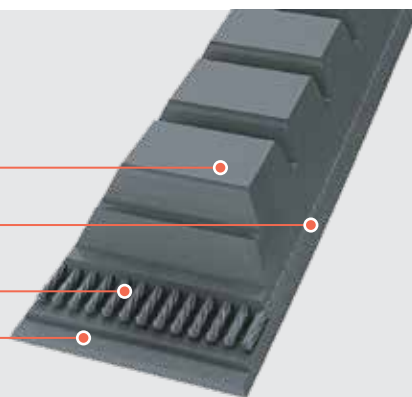
02 CLASSICAL RAW EDGE COGGED V-BELTS

SYNTHETIC RUBBER BOTTOM SECTION

EMBEDDING COMPOUND

POLYESTER TENSION MEMBER

COTTON COVER FABRIC



PRODUCT DESCRIPTION:

REC is a raw-edge classical V-belt type with moulded cogs which is temperature and oil resistant as well as antistatic. The belts are tolerance stable, TS, such that belts with the same section and length marking can be used immediately in matched sets. The moulded cog provides high flexibility and a good fit in the pulley grooves as well as a lower operating temperature, which increases belt life.

APPLICATION:

The REC V-belt have a wide range of applications, especially in industrial drives with high belt speeds and small pulley diameters. REC V-belts allow immediate improvement of existing drives which use wrapped belts, providing overall benefits with regards to economy as well as power transmission and reliability of operation.

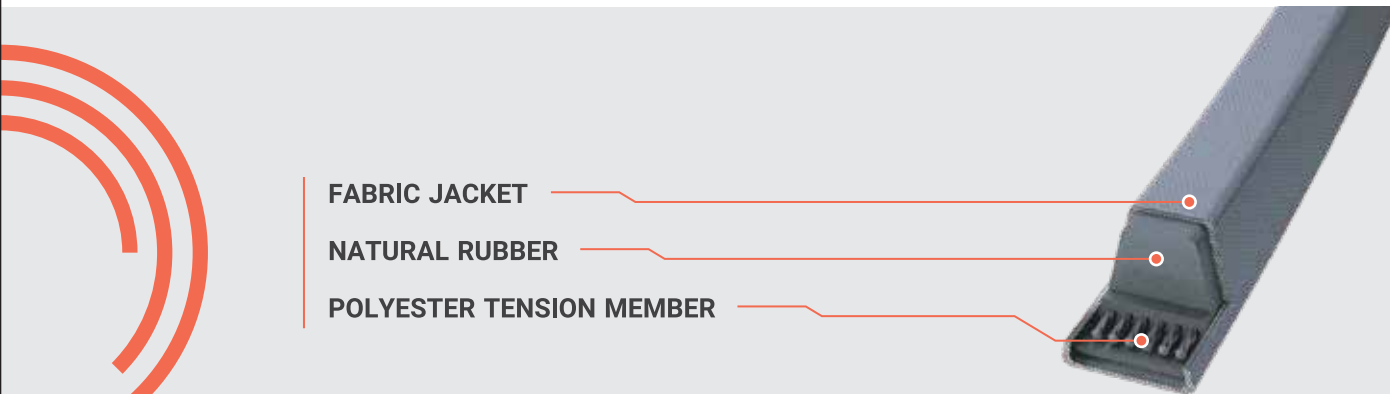
STANDARDS: REC Classical V-belts: Pulleys:

ISO 4184,
BS 3790,
DIN 2215,
ANSI/RMA IP-20
etc.

ISO 4183,
BS 3790,
DIN 2211/1,
ANSI/RMA IP-20
etc.

| Belt Type | Top Width (mm) | Height | Length Range (mm) | Length Range (inch) |
|-----------|----------------|--------|-------------------|---------------------|
| ZX | 10.3 | 8 | 455-3135 | 18-124 |
| AX | 13 | 9 | 455-3135 | 18-124 |
| BX | 17 | 11 | 460-3140 | 18-124 |
| CX | 22.5 | 13 | 460-3140 | 18-124 |

03 NARROW WRAPPED V-BELTS



PRODUCT DESCRIPTION:

Narrow V-belts are resistant to temperatures and oil, and they are antistatic. The belt core, comprising the rubber compression zone which is resistant to intensive heat stresses and compressions as well as the power transmitting cord, is wrapped in a fabric cover that provides both protection against external influences and uniform friction against the pulleys. The narrow V-belt is tolerance stable TS-manufactured and checked to comply with such exacting length tolerances that the belts can be used in matched sets without sorting.

APPLICATION:

Narrow V-belts are used in industrial and agricultural machineries. They are especially suitable for drives with high belt speeds. Narrow V-belts use up to 50% smaller pulley widths than classical sections, allowing more compact drives. Since most new drives use universal pulleys, the classical belt can in most cases be replaced with a narrow V-belt, thereby achieving better power transmission and longer belt life.

STANDARDS:

Narrow V-belts:

ISO 4184,
BS 3790,
DIN 7753/1,
RMA/MPTA IP-22
etc.

Pulleys:

ISO 4183,
BS 3790,
DIN 2211/1,
RMA/MPT IP-22
etc.

| Belt Type | Top Width (mm) | Height | Length Range (mm) | Length Range (inch) |
|-----------|----------------|--------|-------------------|---------------------|
| SPZ/3V | 9.5 | 8 | 619-3540 | 24-139 |
| SPA | 12.7 | 10 | 914-7112 | 36-280 |
| SPB/5V | 16 | 13.5 | 1240-9368 | 49-369 |
| SPC | 22 | 18 | 1810-18000 | 71-708 |
| 8V-25-N | 26 | 23 | 3073-18000 | 121-708 |

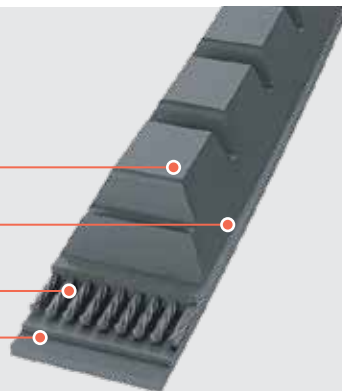
04 NARROW RAW EDGE COGGED V-BELTS

SYNTHETIC RUBBER BOTTOM SECTION

EMBEDDING COMPOUND

POLYESTER TENSION MEMBER

COTTON COVER FABRIC



PRODUCT DESCRIPTION:

REC narrow V-belt is a type with moulded cogs which is temperature and oil resistant as well as antistatic. The belt is tolerance stable TS, such that belts with the same section and length marking can be used in matched sets without sorting. The moulded cog provides high flexibility and a good fit in the pulley grooves as well as a lower operating temperature, which increases belt life.

APPLICATION:

REC is a new programme within narrow V-belts; it has a wide range of applications, especially in industrial drives with high belt speeds. This new programme allows immediate improvement of existing drives which use narrow wrapped belts, providing overall benefits with regard to economy as well as power transmission and reliability of operation.

STANDARDS: REC Narrow V-belts: Pulleys:

ISO 4184,
BS 3790,
DIN 7753/1,
RMA/MPTA IP-22
etc.

ISO 4183,
BS 3790,
DIN 2211/1,
RMA/MPTA IP-22
etc.

| Belt Type | Top Width (mm) | Height | Length Range (mm) | Length Range (inch) |
|-----------|----------------|--------|-------------------|---------------------|
| XPZ/3V | 9.7 | 8 | 460-3160 | 18-124 |
| XPA | 12.7 | 9 | 495-3175 | 19-125 |
| XPB/5VX | 17 | 13 | 520-3200 | 20-126 |
| XPC | 22 | 18 | 545-3220 | 21-127 |

05 BANDED WRAPPED V-BELTS

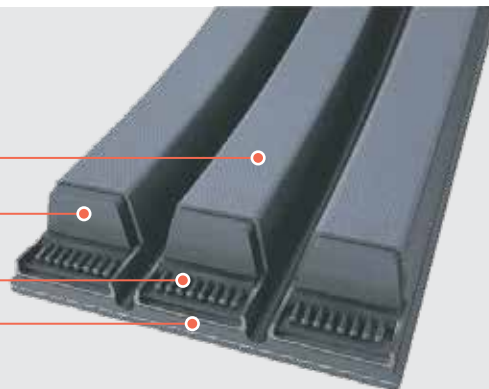


FABRIC JACKET

NATURAL RUBBER BOTTOM SECTION

POLYESTER TENSION MEMBER

SYNTHETIC RUBBER BACKING



PRODUCT DESCRIPTION:

Banded-belts, consist of several single belts which are joined into one unit with a band at the top. This design absorbs the natural individual vibrations generated in a belt set.

The belt is temperature and oil resistant as well as antistatic. Special pulley is required to achieve the coupling effect, banded V-belts offer the following advantages as compared to single V-belts.

- No slip between the V-belts
- Horizontal drives can be arranged without any problems
- Better absorption of shock loads

Special belts are available in an extra heat resistant type and with a special polyester or Kevlar cord.



APPLICATION:

Banded V-belts are used for industrial machinery with pulsating/shock loads, e.g. crushers, compressors, etc. as well as for drives in which the natural vibrations of a belt set may have an adverse effect on the operation of the machine, e.g. lathes, cutters and grinders.

On agricultural machinery, and particularly combine harvesters, they are often used as coupling belts, replacing flat belts or instead of belt sets in order to reduce vibration and increase belt life.

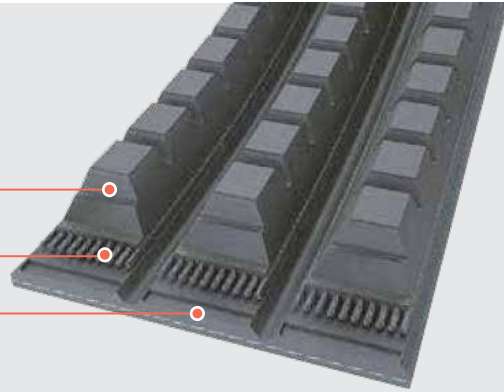
| Banded WB | RA | RB | RC | R3V | R5V | R8V |
|--------------|--------|--------|--------|--------|--------|---------|
| Wb | 13 | 17 | 22 | 9 | 15 | 25 |
| P | 15.9 | 19.1 | 25.4 | 10.3 | 17.5 | 28.6 |
| a | 40 | 40 | 40 | 40 | 40 | 40 |
| Rib | 20 | 18 | 15 | 20 | 20 | 13 |
| rib in press | 33 | 28 | 19 | 55 | 31 | 16 |
| length | 70-140 | 70-600 | 70-600 | 70-140 | 70-600 | 120-600 |

06 BANDED RAW EDGE COGGED V-BELTS

FABRIC JACKET

NATURAL RUBBER

POLYESTER TENSION MEMBER



PRODUCT DESCRIPTION:

Banded Raw Edge Cogged V-Belts are produced with a band at the top of several single raw edge cogged belts which are joined into one unit. Special pulley is required in order to achieve the coupling effect.

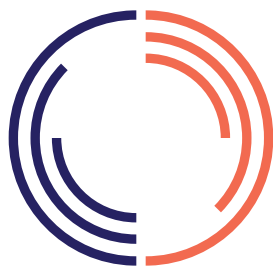
Banded REC v-belts offer the following advantages.

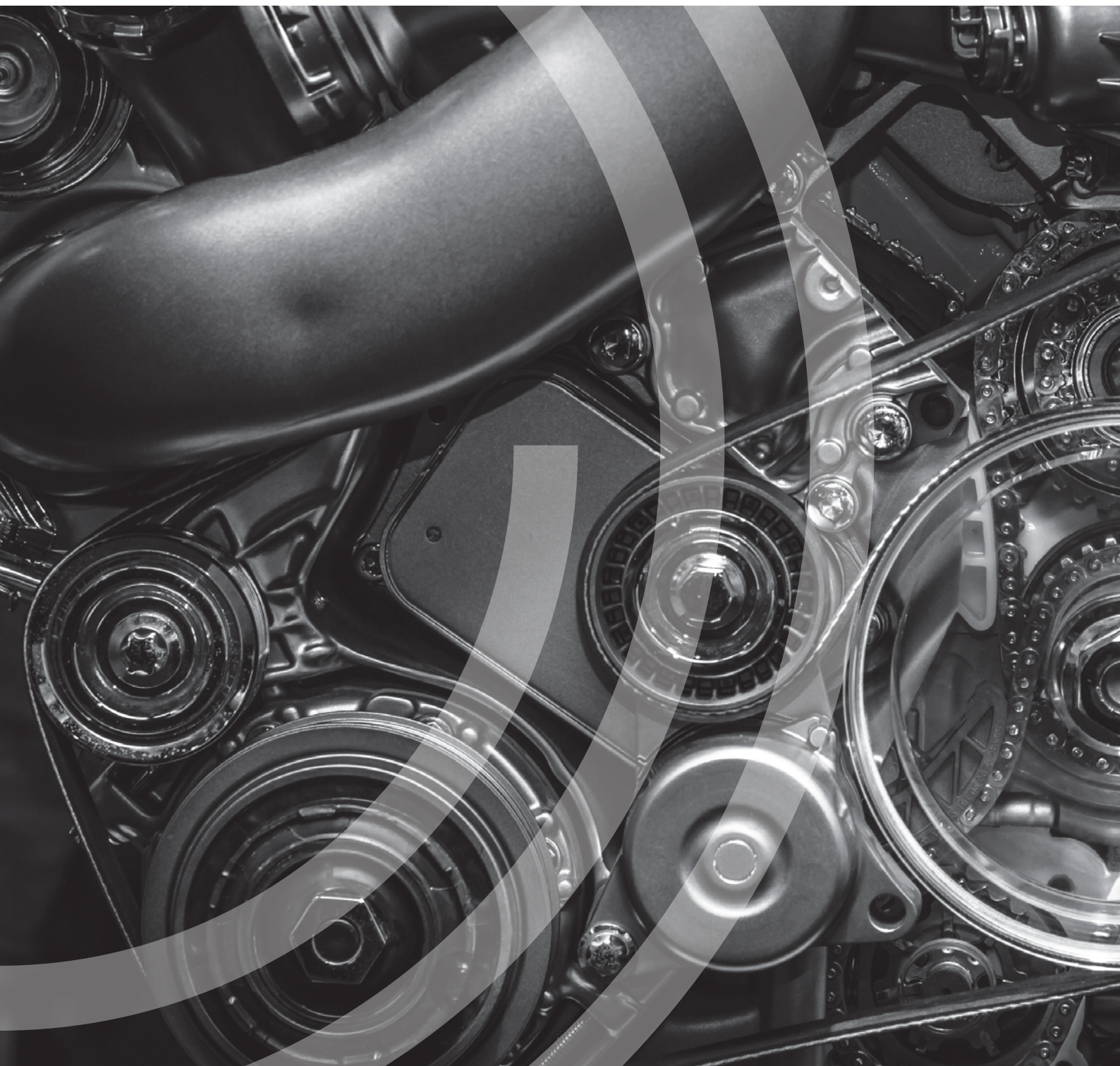
- ▶ Using special formulated CR components
- ▶ Giving added stability and strength
- ▶ Causing no vibrate, clap or turn over

| Banded REC | RAX | RBX | R3VX | R5VX | RXPZ | RXPA | RXPB |
|------------|---------------------------|-------|------|-------|------|------|------|
| WB | 12.62 | 16.85 | 9.7 | 16.52 | 9.7 | 14 | 15 |
| P | 15.88 | 19.05 | 10.3 | 17.48 | 12 | 15 | 19 |
| H | 10.5 | 12.5 | 10.3 | 15.5 | 10.3 | 10.5 | 15.5 |
| a | 38 | 38 | 38 | 38 | 38 | 38 | 38 |
| Rib | 3 | 2 | 3 | 2 | 3 | 3 | 2 |
| length | 540-2750 mm (21-108 inch) | | | | | | |



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Digital catalog

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