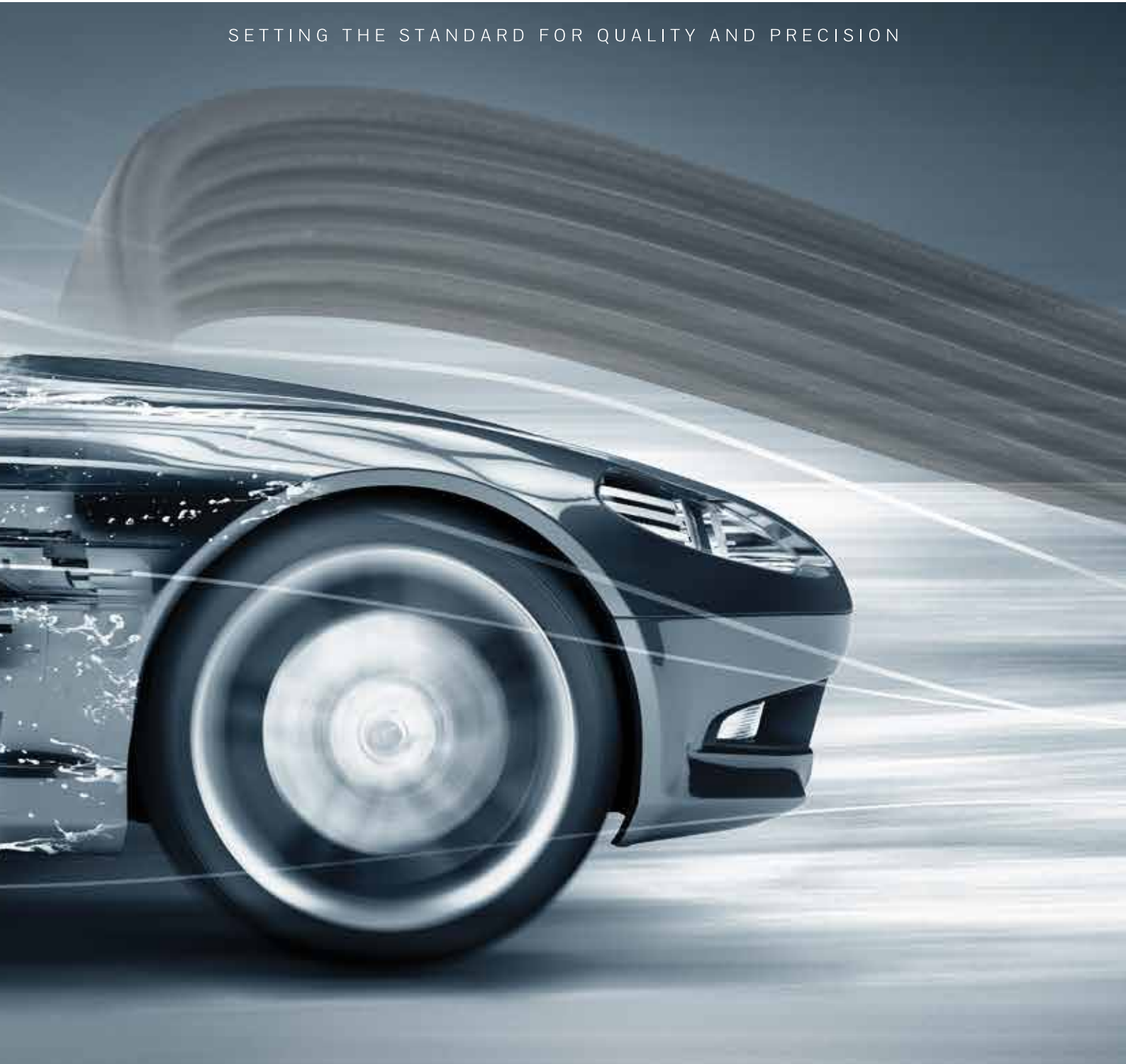


Universal Rubber Belt Manufacturing LLC

SETTING THE STANDARD FOR QUALITY AND PRECISION



 UNIVERSAL  
RUBBER BELT MANUFACTURING



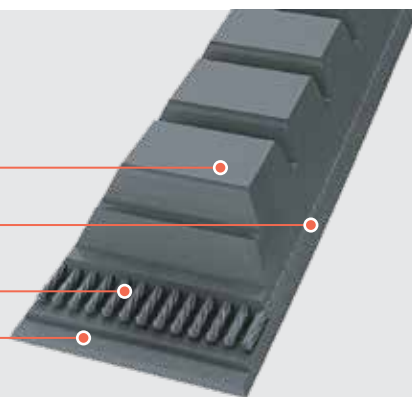
## 02 CLASSICAL RAW EDGE COGGED V-BELTS

**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              |

## 09 AUTOMOTIVE TIMING BELTS

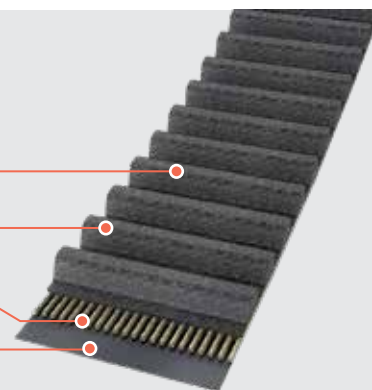


**POLYAMIDE FABRIC**

**SYNTHETIC RUBBER TEETH**

**TENSION MEMBER GLASS CORD**

**SYNTHETIC RUBBER BACKING**



Timing belts are made of special elastomer. The elastomer makes up the back of the belt and forms the teeth. The profile and course of the timing belt teeth changes depending on the type of engine and the course of the teeth. The main job of the timing belt is to regulate injection, by driving the camshaft and injection pumps on opening and closing of the valves.

### **CODING SYSTEM:**

All the Timing belts have a code of their own based on their specifications. These codes consist of the profiles of the timing belts, length of the belts, the top width and the number of the teeth.

### **DESIGN AND FUNCTION:**

Different grades of CR and HNBR as the two main components are used in producing timing belts. We guarantee our products from 80000 KM to 100000KM (equivalent of 3 to 5 years from the installation) according to the type of component.

| Type  | Pitch | Tooth Height | Belt Thickness | Inter-Tooth Space | Rr   | Ra    |
|-------|-------|--------------|----------------|-------------------|------|-------|
| ZA    | 9.525 | 1.91         | 4.1            | 0.686             | 0.51 | 0.51  |
| MR    | 9.525 | 3.54         | 5.69           |                   | 0.76 | 2.5   |
| RU    | 9.525 | 2.29         | 4.5            | 0.686             | 1.02 | 1.02  |
| ZBS   | 9.525 | 2.8          | 5.1            | 0.686             | 1    | 3.6   |
| Y(MY) | 8.000 | 3.06         | 5.21           |                   | 0.3  | 2.2   |
| ZD    | 9.525 | 3.5          | 5.5            | 0.686             | 0.76 | 2.45  |
| S8M   | 8.000 | 3.04         | 5.2            | 0.686             | 0.64 | 0.11  |
| YU    | 8.000 | 3.05         | 5.2            |                   | 0.3  | 0.078 |

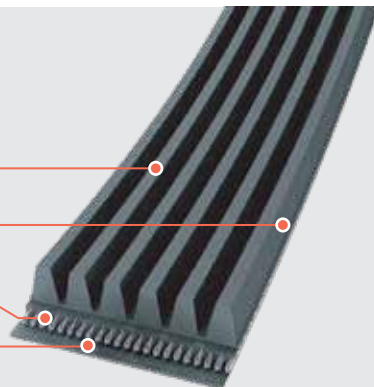
## 08 INDUSTRIAL AND AUTOMOTIVE POLY V-BELTS

FABRIC JACKET

NATURAL RUBBER BOTTOM SECTION

POLYESTER TENSION MEMBER

SYNTHETIC RUBBER BACKING



### PRODUCT DESCRIPTION:

The Multi-ribbed belt, also termed Multi v-belts, with the V-ribs characteristic is resistant to oil and temperature stresses, and it is antistatic. The V-profiles of the belt are of a special rubber compound with direction-oriented fibres that provide very high stability.

### EPDM

Multi-ribbed EPDM belts provide much more upgraded quality with heat resistant, cold resistant superior performance this would applied to high power and durability vehicles.

### APPLICATION:

Multi-ribbed belts can replace several traditional belts and reduce operating costs considerably. Multi-ribbed belts also distinguish themselves by their light and vibration-free operation and long life. The low cross section of the Multi-ribbed belt makes it very flexible and permits it to be used in serpentine drives.

### STANDARDS:

#### Multi-rib belt:

DIN 7867,  
ASAE S 211.4,  
ISO 9982 and  
RMA/MPTA IP-26

#### Pulleys:

DIN 7867,  
ASAE S 221.4,  
ISO 9982 and  
RMA/MPTA IP-26

### PROGRAMME:

Sections PJ, PK, PL

| Section   | Rib Pitch (mm) | Height (mm) | Length Range (mm) |
|-----------|----------------|-------------|-------------------|
| PJ 3 - 20 | 2.34           | 3.7         | 460 - 3190        |
| PK 3 - 14 | 3.56           | 4.6         | 460 - 3190        |
| PL 5 - 11 | 4.7            | 8           | 460 - 3190        |





Digital catalog

☎ 00971 4 43 21 831

🌐 [www.universal-rbm.com](http://www.universal-rbm.com)

📍 Universal Rubber Belt Manufacturing LLC  
Office #1010, International Business Tower,  
Business Bay, Dubai, UAE