

Types of Automotive Belts & Size Designation

Raw Edge Belt, V-ribbed Belt



REMF

Raw Edge Plain Belt

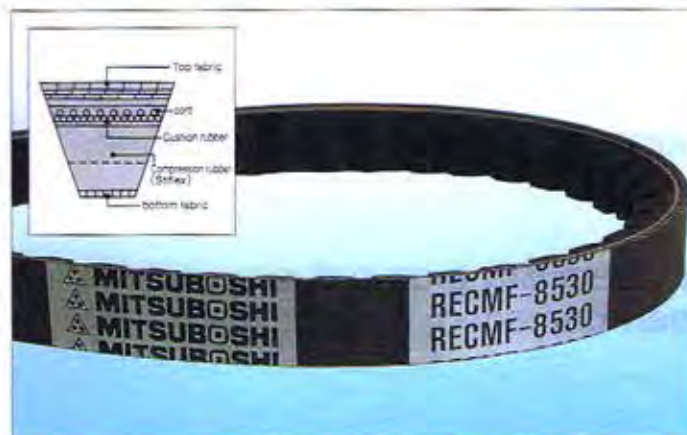
Direct exposure of special rubber to the pulley provides high friction force resulting in increased power transmission.



WFC

Wide-angle Flat Cogged Belt

Wider angle (52°) than the standard type. Cogged profile allows improvement of bending fatigue resistance.



RECMF

Raw Edge Cogged Belt

A cogged bottom belt structure reduces the energy loss caused by bending. As a result, it fits small pulleys and gives stable performance at high speeds.



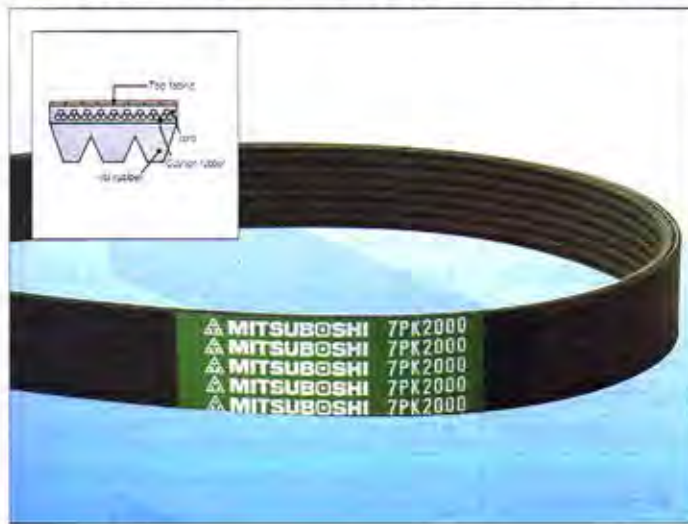
MPMF

Raw Edge Multi-ply Belt

The structure of this belt is similar to that of the Raw Edge plain belt. However, this belt is designed to reduce noise by applying several fabric layers to the bottom surface.

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RIBSTAR V-ribbed Belt

This belt has the advantage of both V-belt and Flat belt. This is ideal for high speed rotation with a small pulley. In addition, low elastic tensile cord, special rubber and the unique structure of the V-shape rib all contribute to high power transmission.

Size Designation

(1) Raw Edge Belt

REMF	8	580
WFC	6	350
RECMF	8	530
MPMF	6	455

Nomenclature

Letter code represents construction of belt.

Letter code	Construction
REMF	Raw Edge Plain
WFC	Wide-angle Flat Cogged
RECMF	Raw Edge Cogged
MPMF	Raw Edge Multi-ply

Type

The first digit represents the type of belt.

Number	Belt type
1	HM
6	A
8	B
3	BC
9	C
4	CD

Length

The last three digits represent effective belt length.

< Example >
 530 → 53 inches
 (53 × 25.4 = 1346mm)
 455 → 45.5 inch
 (45.5 × 25.4 = 1156mm)

(2) V-ribbed Belt

4 PK 860

Number of ribs (4 ribs) Belt type Belt effective length (mm) (860mm)

*Meaning of additional code and features

Additional code (T, R, L, N) represents special specification.

Additional code	Applicable belt type	Features
T	REMF	Better heat resistance, abrasion resistance and bending fatigue resistance than standard specification. This specification is for small-sized passenger car mainly.
R	MPMF RECMF	Better heat resistance and abrasion resistance than standard specification. This specification is for diesel cars which have a big ratio of variation in rotation.
L	RECMF RIBSTAR	Better heat resistance than standard specification.
N	MPMF	Reduction of noise occurred by resonance.