

MITSUBISHI

SUPER WEDGE II

SUPER WEDGE II BANDED V-BELT

with Aramid Cord



SUPER WEDGE II



Mitsuboshi's **SUPER WEDGE II** V-belt is designed for heavy-duty applications where high torques need to be transmitted and shock loads can occur easily. By using a special rubber compound mixture, together with an aramid cord and a special cover fabric, we succeeded in developing the strongest belt for applications like road grinders and wood chippers.

The special clutching cover fabric allows slippage during the shock loads and avoids further damage to the whole power train. Together with our unique production process for banded belts, the durability of our belts is unequal on the market. These arched-top belts will allow you obtainable success for your application.

Product Code

5R-8VK-2120

Ribs
(# of Ribs)

Belt Type
(K=Aramid)

Belt Length
(Inches x 10)

INFORMATION

These technical features give our SUPER WEDGE II superior belt length stability, eliminating the need for constant tension adjustments:

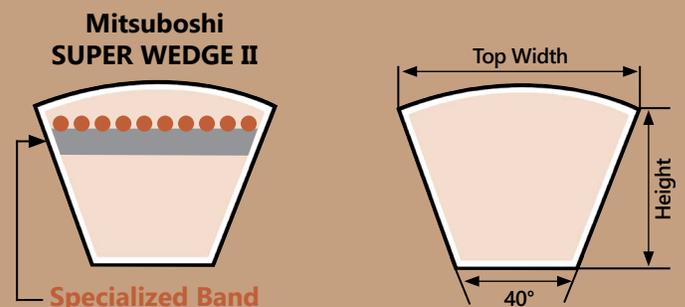
Top cover allows belt to absorb heavy shock loads.

Aramid cords reduce excessive belt stretch under heavy loads and torque.

Specialized belt clutching cover fabric for grip effect allows for slippage during sudden load changes.

Specialized band comprised of proprietary high-density, flexible rubber is layered below the cord line, designed to increase durability.

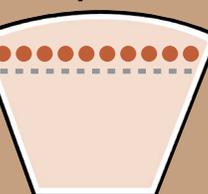
Compression rubber below the specialized band line, made of high-density, fiber high reinforced rubber compound for stability.



Specialized Band

Highly fibrous layer below cord line increases durability

Competitor



Nylon Fabric

| Top Width (mm) | |
|----------------|------|
| 5VK | 8VK |
| 16.0 | 25.5 |

| Height (mm) | |
|-------------|------|
| 5VK | 8VK |
| 13.5 | 23.0 |

Our SUPER WEDGE II is available as a banded V-belt. The 5VK profile comes with up to 29 ribs and the 8VK profile up to 18 ribs. With these options you can manage almost any power transmission requirement.

Additional sizes available, please contact mblusa.sales@mitsuboshi.com for more information.

5VK

| Product Code | Effective Length | Product Code | Effective Length |
|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--|------------------|
| 5VK630 | 63.0 | 5VK950 | 95.0 | 5VK1320 | 132.0 | 5VK1850 | 185.0 | 5VK2800 | 280.0 |
| 5VK670 | 67.0 | 5VK1000 | 100.0 | 5VK1440 | 140.0 | 5VK2000 | 200.0 | 5VK2850 | 285.0 |
| 5VK710 | 71.0 | 5VK1060 | 106.0 | 5VK1500 | 150.0 | 5VK2030 | 203.0 | 5VK3000 | 300.0 |
| 5VK750 | 75.0 | 5VK1120 | 112.0 | 5VK1580 | 158.0 | 5VK2120 | 212.0 | 5VK3150 | 315.0 |
| 5VK800 | 80.0 | 5VK1180 | 118.0 | 5VK1600 | 160.0 | 5VK2240 | 224.0 | 5VK3350 | 335.0 |
| 5VK850 | 85.0 | 5VK1200 | 120.0 | 5V1700 | 170.0 | 5VK2360 | 236.0 | 5V3550 | 355.0 |
| 5VK870 | 87.0 | 5VK1210 | 121.0 | 5VK1800 | 180.0 | 5VK2500 | 250.0 | Effective length in inches x 10 5VK available up to 29 ribs | |
| 5VK900 | 90.0 | 5VK1250 | 125.0 | 5VK1900 | 190.0 | 5VK2650 | 265.0 | | |

8VK

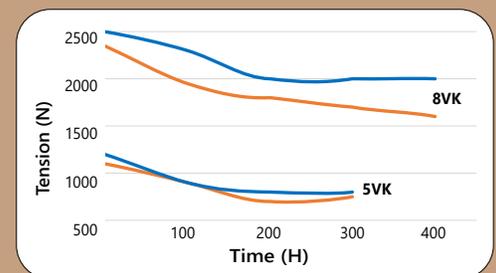
| Product Code | Effective Length | Product Code | Effective Length |
|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--|------------------|
| 8VK1000 | 100.0 | 8VK1900 | 190.0 | 8VK2380 | 238.0 | 8VK2730 | 273.0 | 8VK4000 | 400.0 |
| 8VK1060 | 106.0 | 8VK2000 | 200.0 | 8VK2420 | 242.0 | 8VK2750 | 275.0 | 8VK4250 | 425.0 |
| 8VK1120 | 112.0 | 8VK2050 | 205.0 | 8VK2440 | 244.0 | 8VK2800 | 280.0 | 8VK4500 | 450.0 |
| 8VK1180 | 118.0 | 8VK2100 | 210.0 | 8VK2470 | 247.0 | 8VK3000 | 300.0 | 8VK4750 | 475.0 |
| 8VK1250 | 125.0 | 8VK2120 | 212.0 | 8VK2500 | 250.0 | 8VK3150 | 315.0 | 8VK5000 | 500.0 |
| 8VK1320 | 132.0 | 8VK2160 | 216.0 | 8VK2550 | 255.0 | 8VK3350 | 335.0 | 8VK5600 | 560.0 |
| 8VK1400 | 140.0 | 8VK2180 | 218.0 | 8VK2580 | 258.0 | 8VK3500 | 350.0 | 8VK5900 | 590.0 |
| 8VK1500 | 150.0 | 8VK2210 | 221.0 | 8VK2600 | 260.0 | 8VK3550 | 355.0 | 8VK6000 | 600.0 |
| 8VK1600 | 160.0 | 8VK2240 | 224.0 | 8VK2620 | 262.0 | 8VK3650 | 365.0 | 8VK6600 | 660.0 |
| 8VK1700 | 170.0 | 8VK2290 | 229.0 | 8VK2650 | 265.0 | 8VK3750 | 375.0 | Effective length in inches x 10 8VK available up to 18 ribs | |
| 8VK1800 | 180.0 | 8VK2360 | 236.0 | 8VK2670 | 267.0 | 8VK3860 | 386.0 | | |

HIGH PERFORMANCE
HIGH PRECISION
HIGH QUALITY

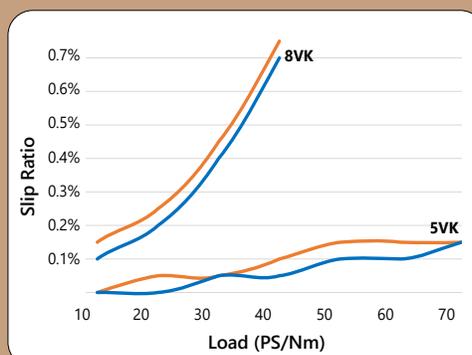
The Result of Reliable Technology

SUPER WEDGE II
Competitor

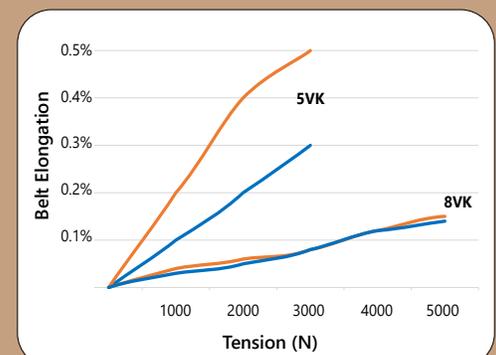
Tension Stability



Fluctuating Load Belt Slip Ratio



Belt Elongation Stability



Working temperature

-22°F to +194°F

Maximum belt speed

40 (m/s)

Electrical conductivity

Suitable for ARPM IP -3-3



Oil Pumpjack



Wood Chipper



Stone Crusher



Offshore Drill



Road Grinder



Wheel Excavator

HIGH PERFORMANCE • HIGH PRECISION • HIGH QUALITY

Mitsuboshi SUPER WEDGE II banded V-belt is designed for extra heavy duty applications. Aramid cords reduce belt stretch and clutching fabric allows for slippage under heavy working and high shock loads. These qualities make Mitsuboshi power transmission belts the most widely used in the world.

THE RESULT OF RELIABLE TECHNOLOGY



Excavator



Natural Gas Well



Rock Drill



Wood Chipper



Mud Pumps



Rock Grinder

MBL (USA) Corporation
601 Dayton Road
Ottawa, IL 61350



www.mblusa.com
mblusa.sales@mitsuboshi.com
(815) 434-1282