

MITSUBISHI®

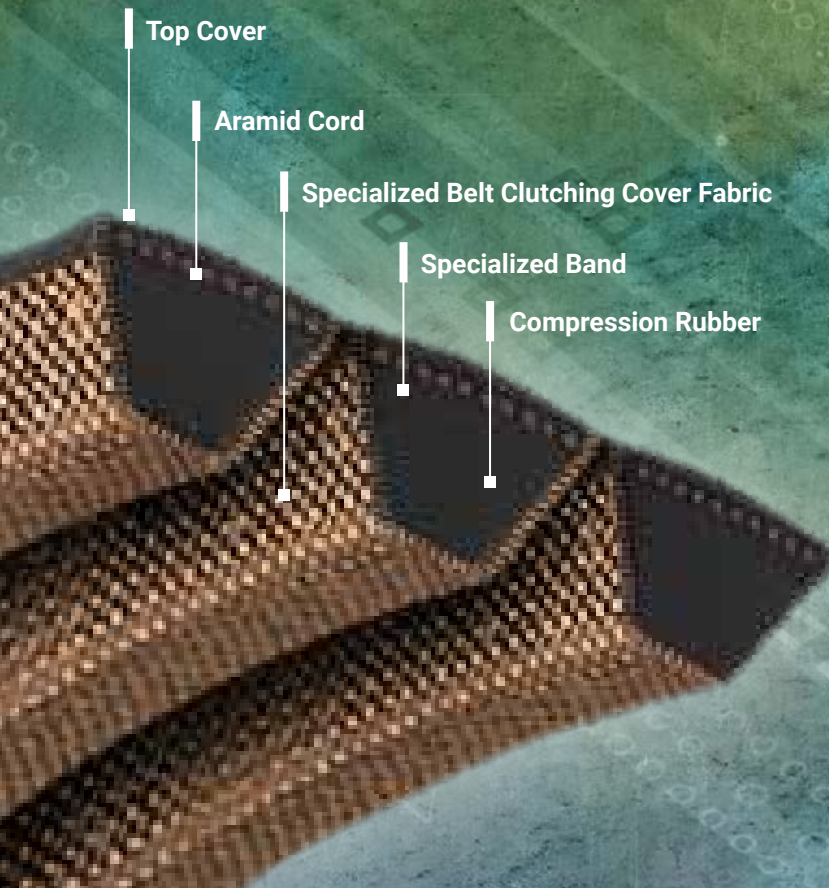
SUPER WEDGE II

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.

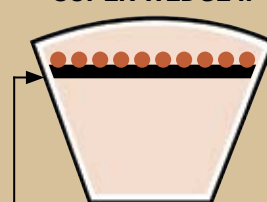
Aramid cords reduce excessive belt stretch under heavy loads and torque.

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.

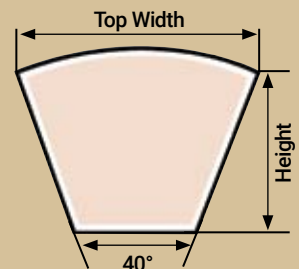
Compression rubber below the specialized band line, made of high-density, fiber high reinforced rubber compound for stability.

Mitsuboshi SUPER WEDGE II

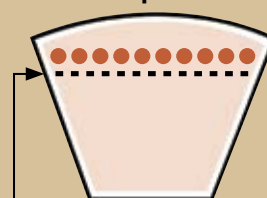


Specialized Band

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	Product Code	Effective Length	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	5VK1400	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	5VK1700	170.0	5VK2360	236.0	5VK3550	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

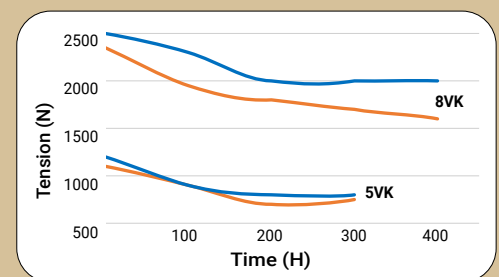
Product Code	Effective Length	Product Code	Effective Length	Product Code	Effective Length	Product Code	Effective Length	Product Code	Effective Length
8VK1000	100.0	8VK1800	180.0	8VK2420	242.0	8VK2750	275.0	8VK4250	425.0
8VK1060	106.0	8VK1900	190.0	8VK2440	244.0	8VK2800	280.0	8VK4500	450.0
8VK1120	112.0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

HIGH PERFORMANCE
HIGH PRECISION
HIGH QUALITY

The Result of Reliable Technology

SUPER WEDGE II
Competitor

Tension Stability



Working temperature

-22°F to +194°F

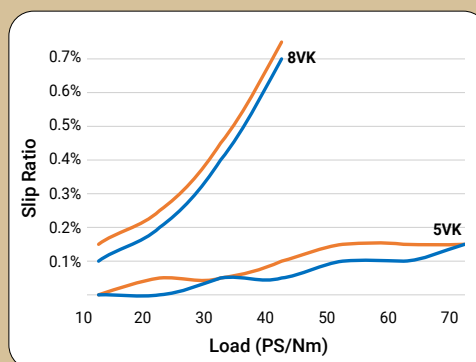
Maximum belt speed

40 (m/s)

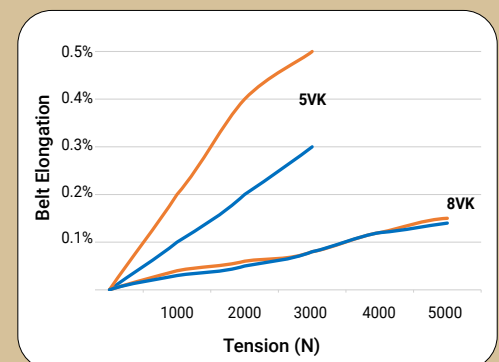
Electrical conductivity

Suitable for ARPM IP -3-3

Fluctuating Load Belt Slip Ratio



Belt Elongation Stability





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

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