



# mitsubishi

## FORESTRY TRANSMISSION BELTS

Transmission belts are an integral component of forestry machinery, playing a crucial role in ensuring smooth and efficient operations. These belts are used to transfer power from the engine to various parts of the machinery, such as Mulchers, wood cutters and stump grinders. One of the primary applications of transmission belts in forestry machinery is powering wood chippers.

These machines are designed to break down tree trunks, branches, twigs, and other wood debris. They function by using a powerful motor to drive a rotating blade or drum that shreds the wood into small chips, which can then be used for mulch or other purposes. This process can cause major shock loads that the belt has to withstand.



### HIGHEST POWER TRANSMISSION

With our transmission belts, you can be confident in achieving maximum power transfer from the engine to various components of your forestry machinery. This results in enhanced cutting efficiency, improved material handling, and precise control over hydraulic systems.



### COST-EFFECTIVE SOLUTION

Investing in our transmission belts means investing in a cost-effective solution that optimizes productivity and minimizes downtime. With their reliability and longevity, our belts offer excellent value for money over their lifespan.



### UNPARALLELED DURABILITY

Our transmission belts are specifically designed to withstand the harsh and demanding conditions of forestry machinery applications. They are built to last, ensuring long-lasting performance even in rugged environments.





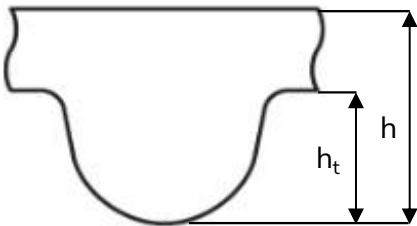
# MEGA TORQUE EP

Introducing our premium grade timing belt, designed to deliver exceptional performance and reliability for highest power transmission capabilities. Crafted with the high-quality materials such as reinforced glass fiber cord, special EPDM rubber and Nylon fabric, this timing belt ensures precise and synchronized power transmission.



Its advanced design and construction make it resistant to wear, heat, and stretching, ensuring a longer lifespan and reduced maintenance needs. Trust our premium grade timing belt to provide the durability and precision your application deserves.

## GP8M | GP14M



Product Code

1512

Belt Length  
(mm)

GP8M

Tooth  
Profile

20

Width  
(mm)

	GP8M	GP14M
Belt type	Rubber Timing Belt	
Tooth height $h_t$ [mm]	3.35	6.10
Belt thickness $h$ [mm]	5.60	10.30
Tooth fabric	Nylon	
Cord	Reinforced Glass Fiber	
Rubber	EPDM	
Temperature resistance	- 40°C to 120°C (140°C, Only intermittently)	



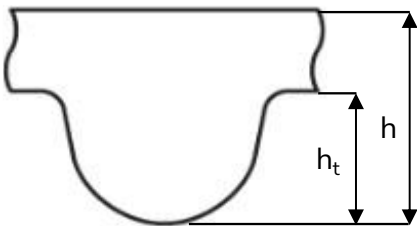


# GIGA TORQUE GX

Introducing our high-grade timing belt, the Giga Torque GX. Engineered with precision and durability in mind, this timing belt is designed to deliver exceptional performance under demanding conditions. With its advanced materials and construction, the Giga Torque GX offers superior resistance to wear, heat, and stretching, ensuring a

longer lifespan and reduced maintenance requirements. Trust the Giga Torque GX to provide reliable and precise synchronization of engine components, maximizing your engine's performance. Experience the power and reliability of our high-grade timing belt for unparalleled efficiency and peace of mind.

**G8M** [8mm pitch] | **G14M** [14mm pitch]



### Product Code

300

Nominal Width  
(mmx10)

G8M

Belt Type

2400

Nominal Length  
(mm)

GX

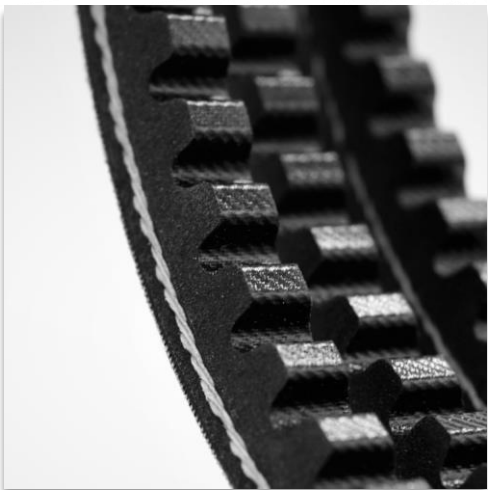
GX Spec.

	G8M	G14M
Belt type	Rubber Timing Belt	
Tooth height $h_t$ [mm]	3.50	5.60
Belt thickness $h$ [mm]	6.10	9.80
Tooth fabric	Special Nylon	
Cord	Carbon Fiber	
Rubber	H-NBR	
Temperature resistance	- 20°C to 100°C	

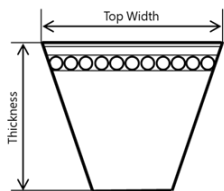


# MAXSTAR POWER® EP-X

Our EP-X is a high-performance V-belt which is developed to reduce downtime of re-tensioning by tension stability improvement. It is designed for maximum power transmission and durability and offers exceptional resistance to heat, oil, and abrasion. It ensures reliable performance in even the most demanding industrial applications under high loads such as HVAC, compressors, construction equipment, and industrial pumps. Our MAXSTAR POWER® EP-X provides excellent longevity and a 30% higher power rating than standard cogged type, making it the ideal choice for heavy-duty machinery and equipment.



## SPZX | SPAX | SPBX | SPCX



Product Code

SPZX

Cross  
Section

1000

Datum  
Length  
(mm)

Lw

Datum

	SPZX	SPAX	SPBX	SPCX
Belt type	Raw Edge Cogged V-belt			
Top width [mm]	9.7	12.7	16.3	22.0
Thickness [mm]	8.0	10.0	13.0	18.0
Cover fabric	Cotton			
Adhesion rubber	EPDM			
Cord	Polyester			
Compression rubber	EPDM			
Temperature resistance	- 40°C to 130°C			

\* Note: 3VX | 5VX also available

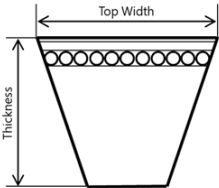


# SUPER WEDGE II

This banded v-belt is a superior choice for power transmission in Forestry and industrial applications. Its innovative design features multiple individual belts joined together with a strong band, providing increased stability and load-carrying capacity. The advanced construction of the SUPER WEDGE II ensures excellent

resistance to shock load, stretching, heat, and wear, resulting in extended belt life and reduced maintenance costs. With its exceptional performance and reliability, this banded v-belt is ideal for heavy-duty machinery and equipment that require maximum power transfer efficiency.

## 5VK | 8VK



### Product Code

3R

Ribs

8V

Cross  
Section

K

Aramid  
Cord

3150

Belt  
Length  
(Inchx10)

	5VK	8VK
Belt type	Wrapped Type Belt	
Top width bo [mm]	16.0	25.5
Thickness h [mm]	13.5	23.0
Cover fabric	Cotton / Polyester mixture (Bareback)	
Adhesion rubber	CR	
Cord	Aramid	
Compression rubber	CR	
Temperature resistance	- 30°C to 90°C	





**Warehouse**  
**3.776m<sup>2</sup>**

## Mitsuboshi Belting Europe GmbH

As the European headquarter of the Mitsuboshi Belting Ltd. Group, this site comprises the areas of sales, engineering and logistics.

In line with the unification of the company name within the group, the name was changed into “Mitsuboshi Belting Europe GmbH” in February 2020.

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## For more than 100 years, MITSUBOSHI has grown to be one of the world’s largest belt manufacturers

Mitsuboshi Belting Ltd. began business in Kobe, Japan, in 1919. Over the years sales and service have been strengthened, business has grown together with its markets, and production systems have continuously improved.

Today Mitsuboshi Group operates around the world, and we see the group becoming an important contributor to more affluent lifestyles worldwide.

