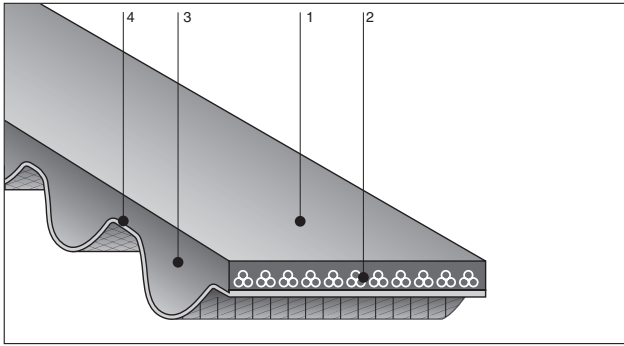


BANDO High-Performance STS Belts (HP-STS)



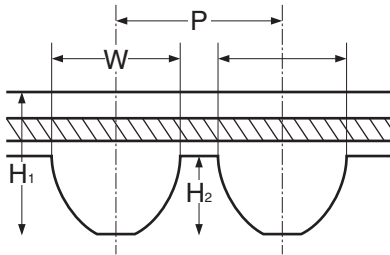
Features

- Exceptionally high power transmission capacity
This "high performance STS belt" achieves power transmission approximately 1.4 to 1.8 times as high as that with conventional STS belts.
- Compact design
The high power transmission can minimize the width of belt, thus making system design as compact as possible.
- Low noise level
The high power transmission can minimize the width of belt, thus accomplishing a low noise operation.

*Conventional standard pulleys are also applicable.

*Standard belt sizes are available for the production of this belt.

Dimensions



Type	P	H1	H2	B
HP-S5M	5.00mm	3.61mm	1.91mm	3.25mm
HP-S8M	8.00mm	5.00mm	3.05mm	5.20mm
HP-S14M	14.00mm	3.70mm	5.30mm	9.10mm

Standard Belt Width

Width Mark	100	150	200	250	400	600	800	1000	1200
Width (mm)	10	15	20	25	40	60	80	100	120
HP-S5M	●	●	●						
HP-S8M		●		●	●	●			
HP-S14M					●	●	●	●	●

Concept

Responding to needs for "Energy saving" and "High power transmission" on industrial machinery in these years, we at BANDO have developed a "High-performance STS belt" capitalizing on our time-proven technology and experience.

Construction & Members

1. 3. Rubber:

Using synthetic rubber having less tooth deformation and a high level of hardness.

2. Tensile member:

Using fiber glass tensile member with considerations given to dimensional stability and flexibility.

4. Tooth canvas:

The tooth canvas has asperities on the surface and provides a low friction coefficient, accomplishing a low noise level of operation.

Furthermore, the S14M Type provides two-ply tooth canvas, which enables further reductions in noise levels and improvement in durability.

The HP-S5M Type is only available for clean specification.

Size mark

