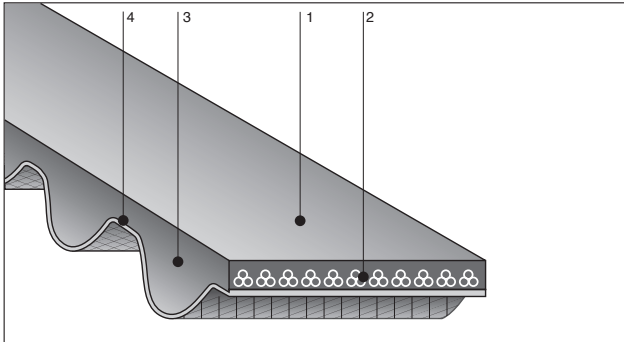


BANDO High-Performance STS Belts (HP-STS)



Features

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

*Conventional standard pulleys are also applicable.

*Standard belt sizes are available.

Concept

Responding to needs for "Energy saving" and "High power transmission" on industrial machinery, 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 results in less tooth deformation and a high level of hardness.

2. Tensile member:

Use of fiber glass tensile members with consideration given to dimensional stability and flexibility.

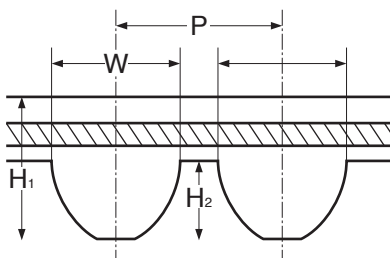
4. Tooth canvas:

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

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

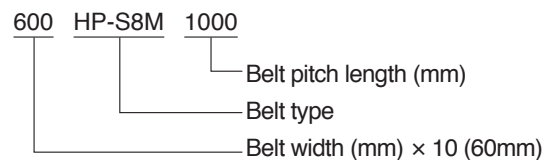
The HP-S5M type is only available for clean specifications.

Dimensions



Type	P	H1	H2	W
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

Size Mark



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					●	●	●	●	●

Standard Belt Length

BELT TYPE	Material		BELT NUMBER (PITCH LENGTH mm)
HP-S5M	R	100, 150, 200, 250	225, 230, 255, 275, 285, 295, 300, 305, 320, 325, 350, 375, 380, 390, 400, 410, 420, 425, 435, 440, 445, 450, 475, 490, 500, 520, 525, 550, 560, 565, 570, 575, 600, 625, 635, 645, 650, 665, 670, 675, 695, 700, 710, 725, 740, 750, 765, 770, 775, 780, 800, 810, 830, 850, 860, 870, 900, 920, 940, 950, 965, 975, 1000, 1025, 1050, 1085, 1125, 1135, 1145, 1195, 1225, 1250, 1260, 1270, 1295, 1350, 1420, 1595, 1715, 1800, 2000
HP-S8M	R	150, 250, 400, 600	352, 384, 408, 424, 456, 480, 520, 528, 560, 584, 600, 632, 640, 656, 672, 680, 712, 720, 728, 760, 800, 824, 840, 848, 880, 888, 896, 920, 944, 960, 976, 984, 1000, 1032, 1040, 1056, 1096, 1120, 1136, 1152, 1160, 1184, 1192, 1200, 1216, 1224, 1240, 1248, 1272, 1280, 1296, 1312, 1344, 1352, 1384, 1392, 1400, 1424, 1440, 1480, 1520, 1552, 1600, 1728, 1760, 1776, 1800, 1808, 1880, 1952, 2000, 2040, 2120, 2160, 2240, 2304, 2400, 2496, 2560, 2600, 2800, 2880, 2944, 3200, 3600, 3720, 3904, 4400
HP-S14M	R	400, 600, 800, 1000, 1200	1008, 1120, 1190, 1246, 1400, 1540, 1610, 1652, 1778, 1806, 1890, 1904, 1960, 2002, 2100, 2240, 2310, 2380, 2450, 2506, 2590, 2660, 2800, 3150, 3248, 3500, 3556, 3850, 4004, 4060, 4326, 4508, 5012