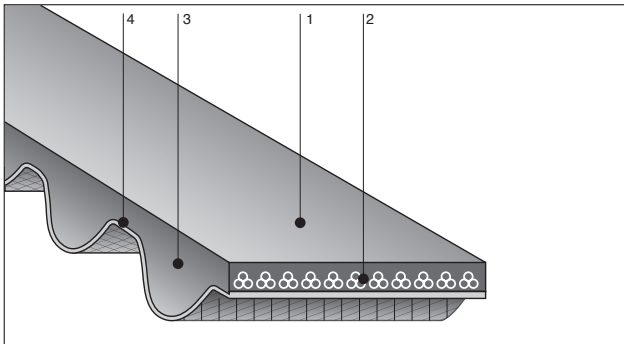


BANDO High-Performance STS Belts (HP-STS)



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.

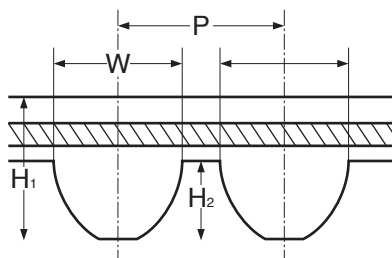
4. Tooth canvas:

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.

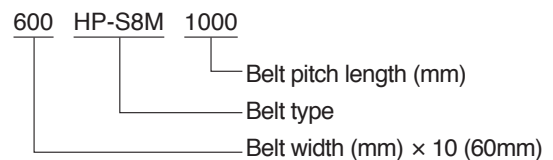
The HP-S5M type is only available for clean specifications.

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 |