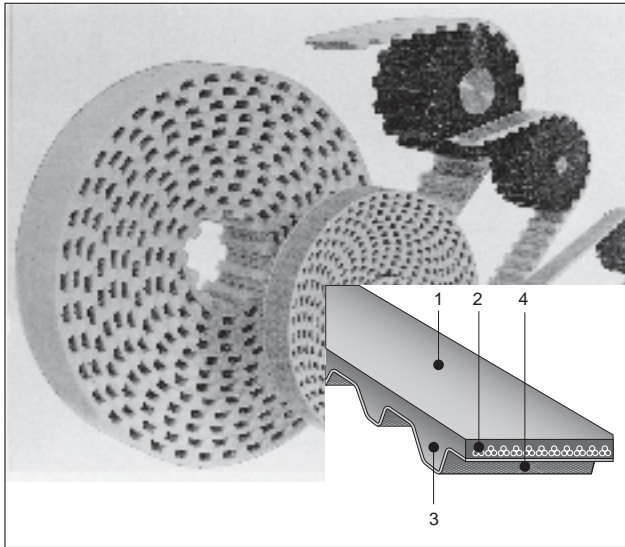


# SYNCHRONOUS BELTS (RUBBER)



## Construction

- 1: Chloroprene rubber backing
- 2: Glass Fiber tensile member
- 3: Chloroprene rubber teeth
- 4: Nylon canvas

## Features + Benefits

Allows for synchronous power transmission and conveyance over longer spans than available with traditional molded belts.

Compared to chain drives, these belts are lighter, produce much less noise, and are much cleaner as they need no lubrication. In factory automation applications, these belts are perfectly suited to replace chains, flat power transmission belts, and conveyor belts.

### Seamless

- Having no joints, they are as capable of transmission and conveyance as standard timing belts are.
- Belts can be manufactured in a length having the number of teeth that you specify.
- Belts can be manufactured to custom specifications (reverse side logo, white color, etc.).

### Endless

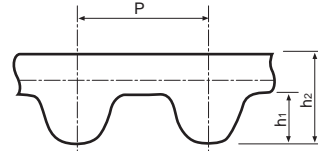
- On-site endless processing is available.
- Increasing the number of joints allows synchronous conveyance or synchronous transmission over any span length.

### Open-end

- Capable of accurate reciprocating motion in indexing applications.

## Dimensions

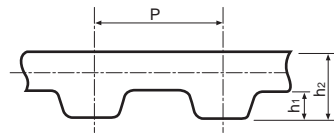
### Long STS Belts



Unit: mm ( ) Dimension in seamless

Type	P	h <sub>1</sub>	h <sub>2</sub>
S2M	2.0	0.76	1.31
S3M	3.0	1.14	2.10
S4.5M	4.5	1.71	2.70
S5M	5.0	1.91	3.6
S8M	8.0	3.05	5.30(6.05)
S14M	14.0	5.30	(11.30)

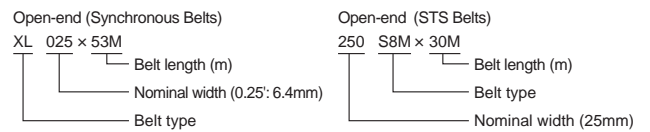
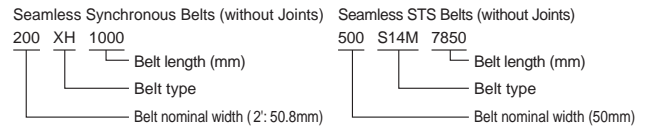
### Long Synchronous Belts



Unit: mm ( ) Dimension in seamless

Type	P	h <sub>1</sub>	h <sub>2</sub>
MXL	2.032	0.51	1.10
XL	5.080	1.25	2.25
L	9.525	1.90	3.50
H	12.700	2.30	5.30(5.30)
XH	22.225	6.30	(12.30)
XXH	31.75	9.60	(16.10)

## Size Mark



## Standard Sizes

Seamless (Without Joints)		
Type	Standard Nominal width	Range of available belt
H	100,200,400,600,800,1000(inch x 100)	4.7~30m
XH		
XXH		
S8M		
S14M	250,500,1000,1500,2000,3000 (mm x 10)	

Unit: m

		Open-end																	
Nominal width	019 025 031 037 050 075 100 150 200 300	Nominal width	50 60 70 80 100 140 150 200 250 300 400 500 600																
Width (mm)	4.8 6.4 7.9 9.5 12.7 19.1 25.4 38.1 50.8 76.2	Width (mm)	5 6 7 8 10 14 15 20 25 30 40 50 60																
MXL	42 31 25 41 30	S2M	40 35 30 50																
XL	53 43 35 26 33	S3M	50 40																
L	49 32 47	S4.5M	45																
H	42 31 40 28 17	S5M	40 40 40 30 24																
		S8M	40 50 40 30 53 38 29 24																