

Wide Range of Options

Tsubaki Lambda Chain is available in a wide range of options to meet your needs, including Roller Chain, Small Size Conveyor Chain, Large Size Conveyor Chain, Free Flow Chain, and Top Chain.

Lube Free Roller Chain

Lambda Chain



Surface-Treated Lambda Chain

NP / NEP

Photo is NP series



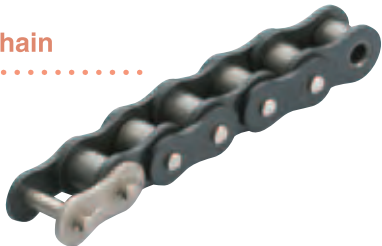
Heavy Duty Lambda Chain

Greater ultimate tensile strength. Standard / NP / NEP
(Note: Requires special sprockets.)



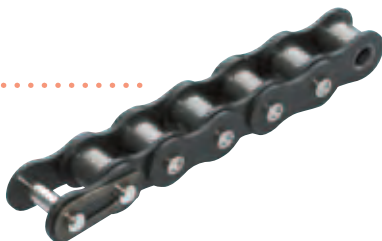
Curved Lambda Chain

For curved horizontal conveyance layouts.



BS Lambda Chain

Replacement for ISO 606 B Series roller chain.



Long Life Lambda Chain (X-Λ® [X-Lambda])

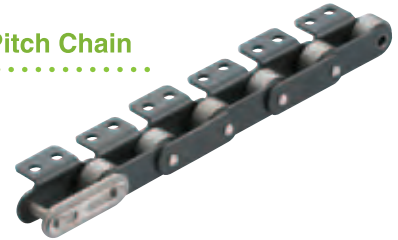
Extended service life thanks to oil-impregnated bushes with felt seal.

BS Long Life Lambda Chain available

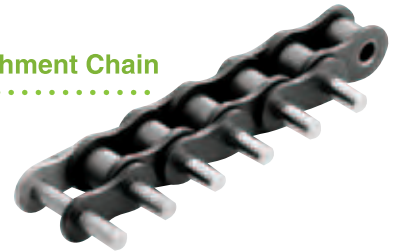


Lube Free Small Size Conveyor Chain

Lambda Double Pitch Chain



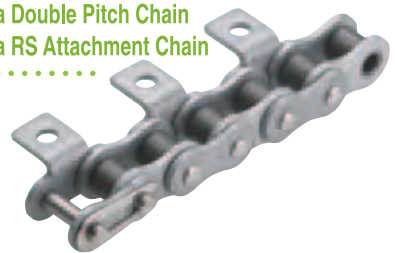
Lambda RS Attachment Chain



Surface-Treated Lambda Double Pitch Chain Surface-Treated Lambda RS Attachment Chain

NP / NEP

Photo is NEP series



Long Life Lambda RS Attachment Chain (X-Λ® [X-Lambda]) Long Life Lambda Double Pitch Chain (X-Λ® [X-Lambda])

Extended service life thanks to oil-impregnated bushes with felt seal.



BS Lambda Attachment Chain

Replacement for ISO 606 B Series small size conveyor chain.



New

Heat Resistant Lambda Double Pitch Chain Heat Resistant Lambda RS Attachment Chain

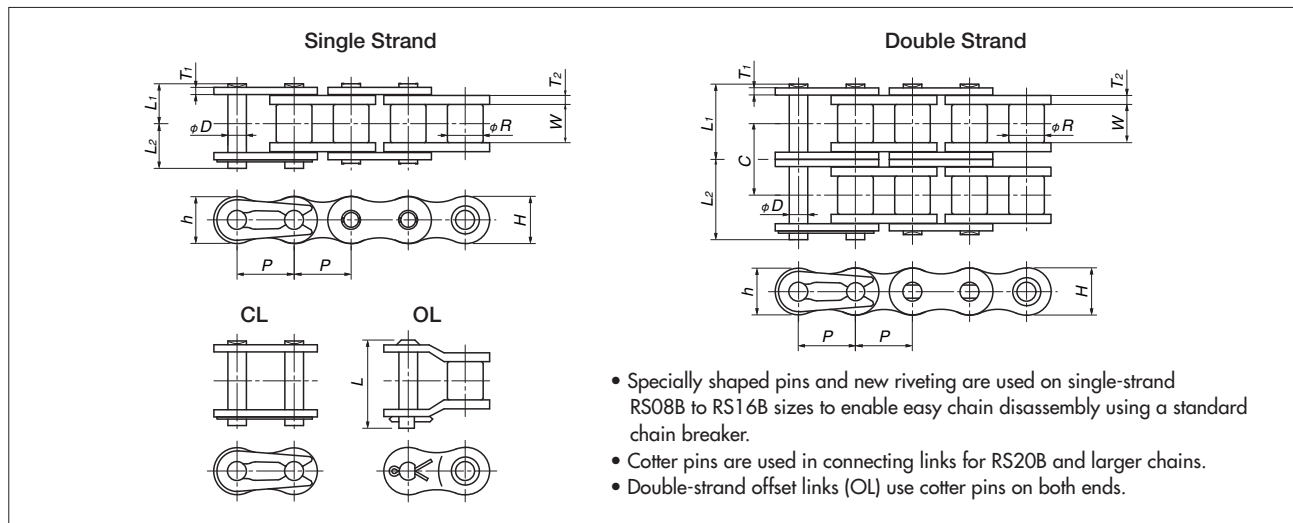
Stable lubricant and anti-wear properties in high temperatures (150°C to 230°C)

Drive Chain available
Heat Resistant BS Lambda available



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BS Lambda Chain (ISO 606 B Series)



Base Chain Dimensions

Unit: mm

Tsubaki Chain No.		JIS No.	Pitch <i>P</i>	Roller Dia. <i>R</i>	Width Between Inner Link Plates <i>W</i>	Plate				Pin				
						Thickness <i>T</i> ₁	Thickness <i>T</i> ₂	Height <i>H</i>	Height <i>h</i>	Dia. <i>D</i>	<i>L</i> ₁		<i>L</i> ₂	
Single Strand	Double Strand										Single Strand	Double Strand	Single Strand	Double Strand
RF06B-LM-1	RF06B-LM-2	06B	9.525	6.35	5.72	1.0	1.3	8.2	8.2	3.28	6.1	11.2	7.7	12.8
RS08B-LM-1	RS08B-LM-2	08B	12.70	8.51	7.75	1.6	1.6	11.8	10.4	4.45	8.4	15.3	10.0	16.9
RS10B-LM-1	RS10B-LM-2	10B	15.875	10.16	9.65	1.5	1.5	14.7	13.7	5.08	9.55	17.85	11.25	19.55
RS12B-LM-1	RS12B-LM-2	12B	19.05	12.07	11.68	1.8	1.8	16.1	16.1	5.72	11.1	20.85	13.0	22.75
RS16B-LM-1	RS16B-LM-2	16B	25.40	15.88	17.02	3.2	4.0	21.0	21.0	8.28	17.75	33.55	19.95	35.75
RS20B-LM-1	RS20B-LM-2	20B	31.75	19.05	19.56	3.4	4.4	26.4	26.0	10.19	19.9	38.25	23.1	41.45
RS24B-LM-1	RS24B-LM-2	24B	38.10	25.40	25.40	5.6	6.0	33.4	31.2	14.63	26.65	50.8	31.85	56.0

Tsubaki Chain No.		Offset Pin Length L		Min. Tensile Strength kN {kgf}		Approx. Mass (kg/m)		No. of Links per Unit	Transverse Pitch C
Single Strand	Double Strand	Single Strand	Double Strand	Single Strand	Double Strand	Single Strand	Double Strand		
RF06B-LM-1	RF06B-LM-2	15.1	25.9	8.90 {910}	16.9 {1720}	0.39	0.75	320	10.24
RS08B-LM-1	RS08B-LM-2	18.6	34.5	17.8 {1820}	31.1 {3170}	0.70	1.35	240	13.92
RS10B-LM-1	RS10B-LM-2	20.8	39.4	22.2 {2260}	44.5 {4540}	0.95	1.85	192	16.59
RS12B-LM-1	RS12B-LM-2	24.4	45.9	28.9 {2950}	57.8 {5890}	1.25	2.50	160	19.46
RS16B-LM-1	RS16B-LM-2	39.3	73.4	60.0 {6120}	106 {10800}	2.70	5.40	120	31.88
RS20B-LM-1	RS20B-LM-2	46.6	84.6	95.0 {9690}	170 {17300}	3.85	7.65	96	36.45
RS24B-LM-1	RS24B-LM-2	61.7	112.8	160 {16300}	280 {28600}	7.45	14.65	80	48.36

Notes: 1. RF06B plate is flat. ()

2. Double-strand RF06B and RS08B chains have one inner plate.

3. Minimum tensile strength of attachment chains differs from those above. Please contact a Tsubakimoto representative.

Operating Temperature Range: -10°C to 150°C

Sprockets

- BS Roller Chain sprockets (conforming to ISO B Series standards) must be used.

Pin Shape

- Single-strand chains in sizes RS08B through RS16B use easy disassembly pins (with center sink riveting). All other sizes, including multi-strand chains, use double stake riveting.

Easy Disassembly and Connection

- Newly developed, specially shaped pins and new riveting are used on single-strand RS08B to RS16B sizes to enable easy chain disassembly using a standard chain breaker.

Chain Selection: Please contact a Tsubakimoto representative.

Compatibility with Old Chain Model

- When replacing an old chain model, always replace the entire chain.
- New chain cannot be connected to an old chain model. Old connecting parts (connecting links, offset links, etc.) cannot be used with new chain.