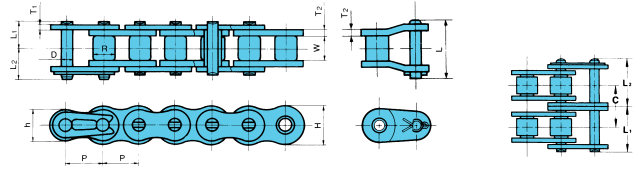


### LAMBDA for corrosion resistance

- Operates in temperatures up to 302°F
- Ideal for mildly corrosive environments
- Long-lasting and lube-free



## Nickel-Plated Single Strand Drive LAMBDA®

U.S. TSUBAKI	Standard Type of Pin*	Pitch	Roller Dia.	Width Between Roller Link Plates	Link Plates				Pin				Average Tensile Strength lbs.	Maximum Allowable Load lbs.	Approx. Weight lbs./ft.
					PLP Thickness	RLP Thickness	RLP Height	PLP Height	D	L <sub>1</sub>	L <sub>2</sub>	L			
Chain No.		P	R	W**	T <sub>1</sub>	T <sub>2</sub>	H	h	D	L <sub>1</sub>	L <sub>2</sub>	L			
RSD40NP-LAMBDA	R	.500	.312	.297	.060	.080	.472	.409	.156	.344	.411	.787	4,300	683	0.47
RSD50NP-LAMBDA	R	.625	.400	.365	.080	.094	.591	.512	.200	.423	.490	.945	7,050	1,210	0.75
RSD60NP-LAMBDA	R	.750	.469	.483	.094	.125	.713	.614	.234	.541	.616	1.260	9,920	1,630	1.16
RSD80NP-LAMBDA	R	1.000	.625	.609	.125	.156	.949	.819	.312	.675	.797	1.571	17,600	2,870	1.86
RSD100NP-LAMBDA	C	1.250	.750	.736	.156	.187	1.185	1.024	.375	.813	.939	1.870	26,500	4,300	2.89
RSD120NP-LAMBDA	C	1.500	.875	.974	.187	.220	1.425	1.228	.437	1.014	1.179	2.323	37,500	5,730	4.30
RSD140NP-LAMBDA	C	1.750	1.000	.974	.220	.252	1.661	1.433	.500	1.091	1.268	2.508	48,500	7,720	5.40

## Nickel-Plated Double Strand Drive LAMBDA®

U.S. TSUBAKI	Standard Type of Pin*	Pitch	Roller Dia.	Width Between Roller Link Plates	Link Plates				Pin			Average Tensile Strength lbs.	Maximum Allowable Load lbs.	Approx. Weight lbs./ft.	
					PLP Thickness	RLP Thickness	RLP Height	PLP Height	D	L <sub>1</sub>	L <sub>2</sub>				C
Chain No.		P	R	W**	T <sub>1</sub>	T <sub>2</sub>	H	h	D	L <sub>1</sub>	L <sub>2</sub>	C			
RSD40(H)NP-2LAMBDA	R	.500	.312	.297	.080	.080	.472	.409	.156	.689	.754	.646	8,600	1,160	1.00
RSD50(H)NP-2LAMBDA	R	.625	.400	.365	.094	.094	.591	.512	.200	.825	.892	.776	14,100	2,060	1.64
RSD60(H)NP-2LAMBDA	R	.750	.469	.483	.125	.125	.713	.614	.234	1.083	1.181	1.028	19,840	2,770	2.41
RSD80(H)NP-2LAMBDA	R	1.000	.625	.609	.156	.156	.949	.819	.312	1.358	1.492	1.283	35,200	4,880	4.15
RSD100(H)NP-2LAMBDA	C	1.250	.750	.736	.187	.187	1.185	1.024	.375	1.630	1.736	1.539	53,000	7,310	6.07
RSD120(H)NP-2LAMBDA	C	1.500	.875	.974	.220	.220	1.425	1.228	.437	2.014	2.171	1.924	75,000	9,740	8.67
RSD140(H)NP-2LAMBDA	C	1.750	1.000	.974	.252	.252	1.661	1.433	.500	2.163	2.343	2.055	97,000	13,100	11.01

### LAMBDA for international standards

- Operates in temperatures up to 302°F
- Replaces BS/DIN chain
- Cost effective, lube-free operation

\* R indicates riveted, C indicates cottered.  
 \*\* Width between roller link plates (W) is slightly narrower than ANSI standard, however this chain runs on standard sprockets.

- Note:
1. Drive and Conveyor series LAMBDA chains cannot be intercoupled or interchanged.
  2. The heavy roller link plates slightly increase the width, which means Drive LAMBDA connecting links are required.
  3. Connecting links for RSD80NP-LAMBDA to RSD140NP-LAMBDA and RSD80(H)NP-2LAMBDA to RSD140(H)NP-2LAMBDA have cottered pins.
  4. Double Strand Drive LAMBDA requires heavy-series sprockets.

## BS/DIN Drive LAMBDA®

U.S. TSUBAKI	Pitch	Roller Dia.	Width Between Roller Link Plates	Link Plates				Pin				Average Tensile Strength lbs.	Approx. Weight lbs./ft.
				PLP Thickness	RLP Thickness	RLP Height	PLP Height	D	L <sub>1</sub>	L <sub>2</sub>	L		
Chain No.	P	R	W**	T <sub>1</sub>	T <sub>2</sub>	H	h	D	L <sub>1</sub>	L <sub>2</sub>	L		
RSD08B-LAMBDA	.500	.335	.305	.060	.080	.472	.409	.175	.346	.411	.787	4,230	0.47
RSD10B-LAMBDA	.625	.400	.380	.080	.080	.591	.512	.200	.406	.472	.886	6,080	0.70
RSD12B-LAMBDA	.750	.475	.460	.094	.094	.713	.614	.225	.486	.565	1.138	9,060	1.01

- Note:
1. Although some dimensions differ from British Standard (BS/DIN), the primary dimensions are identical, enabling BS-compatible LAMBDA to engage perfectly with British Standard sprockets.
  2. The heavy roller link plates slightly increase the width, which means drive LAMBDA connecting links are required.