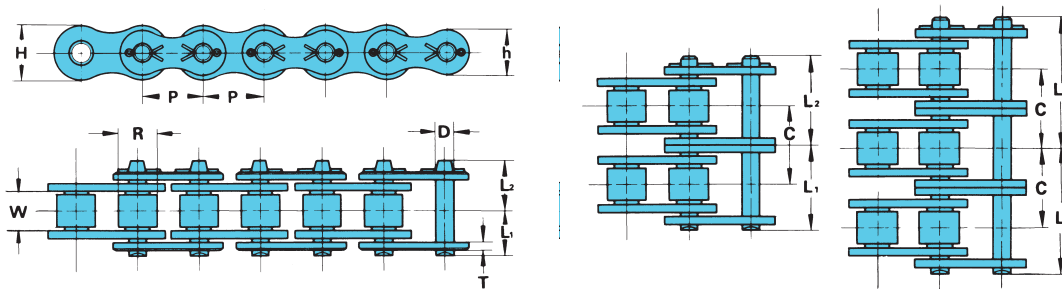


Heavy Series

Heavy Series roller chains differ from the ASME/ANSI standard series in the extra thickness of the link plates and the extra length of the pins. These link plates have the same thickness as the link plates of ASME/ANSI chains having the next larger pitch. The thicker link plates provide greater capacity (approximately 10%) for absorbing shock loads. These chains are suitable in situations where the load is heavy or operating conditions are severe.



U.S. TSUBAKI Chain No.	Pitch P	Roller Dia. R	Width Between Roller Link Plates W	Link Plate				Pin		Transverse Pitch C	Average Tensile Strength lbs.	‡Maximum Allowable Load lbs.	Approx. Weight lbs./ft.
				T	H	h	D	L ₁	L ₂				
SINGLE STRAND													
RS60H	.75	.469	.500	.125	.713	.614	.234	.583	.669	—	9,920	2,200	1.21
RS80H	1.00	.625	.625	.156	.949	.819	.312	.720	.823	—	17,640	3,630	2.08
RS100H	1.25	.750	.750	.187	1.185	1.024	.375	.858	.965	—	26,460	5,510	3.07
RS120H	1.50	.875	1.000	.219	1.425	1.228	.437	1.061	1.203	—	37,480	7,270	4.38
RS140H	1.75	1.000	1.000	.250	1.661	1.433	.500	1.138	1.303	—	48,510	9,590	5.54
RS160H	2.00	1.125	1.250	.281	1.898	1.638	.562	1.337	1.514	—	60,630	12,500	7.35
RS200H	2.50	1.562	1.500	.375	2.374	2.047	.781	1.689	1.894	—	103,630	17,600	12.33
RS240H	3.00	1.875	1.875	.500	2.850	2.457	.937	2.157	2.453	—	152,140	25,300	19.54
DOUBLE STRAND													
RS60H-2	.75	.469	.500	.125	.713	.614	.234	1.083	1.181	1.028	19,840	3,700	2.41
RS80H-2	1.00	.625	.625	.156	.949	.819	.312	1.358	1.492	1.283	35,280	6,100	4.15
RS100H-2	1.25	.750	.750	.187	1.185	1.024	.375	1.630	1.736	1.539	52,920	9,300	6.07
RS120H-2	1.50	.875	1.000	.219	1.425	1.228	.437	2.014	2.171	1.924	71,880	12,300	8.67
RS140H-2	1.75	1.000	1.000	.250	1.661	1.433	.500	2.163	2.343	2.055	94,370	16,300	11.01
RS160H-2	2.00	1.125	1.250	.281	1.898	1.638	.562	2.555	2.736	2.437	121,260	21,200	14.64
RS200H-2	2.50	1.562	1.500	.375	2.374	2.047	.781	3.230	3.437	3.083	207,260	29,900	24.51
RS240H-2	3.00	1.875	1.875	.500	2.850	2.457	.937	4.146	4.461	3.985	304,280	43,000	38.47
TRIPLE STRAND													
RS60H-3	.75	.469	.500	.125	.713	.614	.234	1.614	1.720	1.028	29,760	5,500	3.60
RS80H-3	1.00	.625	.625	.156	.949	.819	.312	1.998	2.120	1.283	52,920	9,000	6.21
RS100H-3	1.25	.750	.750	.187	1.185	1.024	.375	2.400	2.510	1.539	79,380	13,700	9.10
RS120H-3	1.50	.875	1.000	.219	1.425	1.228	.437	2.984	3.134	1.924	107,820	18,100	12.99
RS140H-3	1.75	1.000	1.000	.250	1.661	1.433	.500	3.191	3.370	2.055	141,550	23,900	16.48
RS160H-3	2.00	1.125	1.250	.281	1.898	1.638	.562	3.756	3.961	2.437	181,890	31,200	21.93
RS200H-3	2.50	1.562	1.500	.375	2.374	2.047	.781	4.760	4.969	3.083	310,890	44,000	36.81
RS240H-3	3.00	1.875	1.875	.500	2.850	2.457	.937	6.104	6.423	3.985	456,420	63,200	57.33

Note: 1. Riveted or cottered types are available.

* 2. Refer to page A-23, "Selection for Slow Speed."