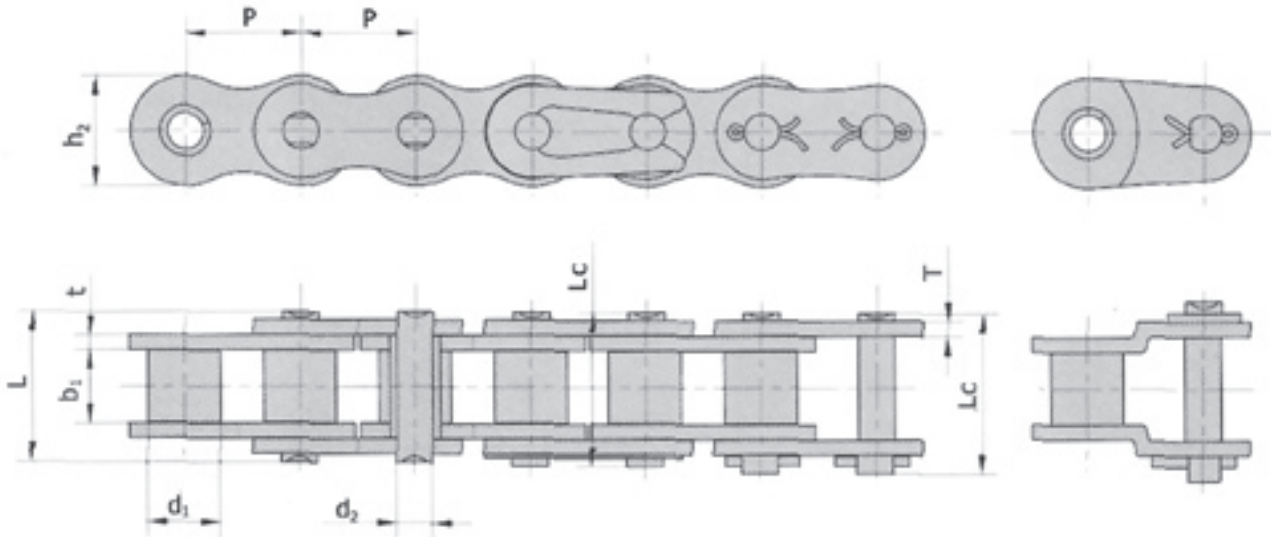


American Standard Super Heavy Duty Roller Chain (SH)

SH series roller chains have a greater ultimate tensile strength (up to 25% -35%) over ANSI standard roller chains by using thicker side plates and through hardened pins. SH chains also provide a greater shock load resistance and are suited to slower speed high torque applications. The dimensions of the chain are identical to ANSI heavy series standard roller chains.



Chain No.	Pitch	Roller diameter	Width between inter plates	Pin diameter	Pin Length		Inner plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d ₁ max	b ₁ min	d ₂ max	L max	Lc max	h ₂	t/T max	Q min	Q ₀	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
40SH	12.70	7.95	7.85	3.96	18.8	19.9	12.00	2.03	22.4	24.8	0.82
50SH	15.88	10.16	9.40	5.08	22.1	23.4	15.09	2.42	30.4	36.2	1.25
60SH	19.05	11.91	12.57	5.94	29.2	31.6	18.00	3.25	44.1	50.4	1.87
80SH	25.40	15.88	15.75	7.92	36.2	37.7	24.00	4.00	88.2	93.0	3.10
100SH	31.75	19.05	18.90	9.53	43.6	46.9	30.00	4.80	116.6	129.1	4.52
120SH	38.10	22.23	25.22	11.10	53.5	57.5	35.70	5.60	158.2	175.3	6.60
140SH	44.45	25.40	25.22	12.70	57.6	62.2	41.00	6.40	206.0	266.5	8.30
160SH	50.80	28.58	31.55	14.27	68.2	73.0	47.80	7.20	274.0	293.0	10.30
200SH	63.50	39.68	37.85	19.85	86.6	93.5	60.00	9.50	506.1	562.30	19.16