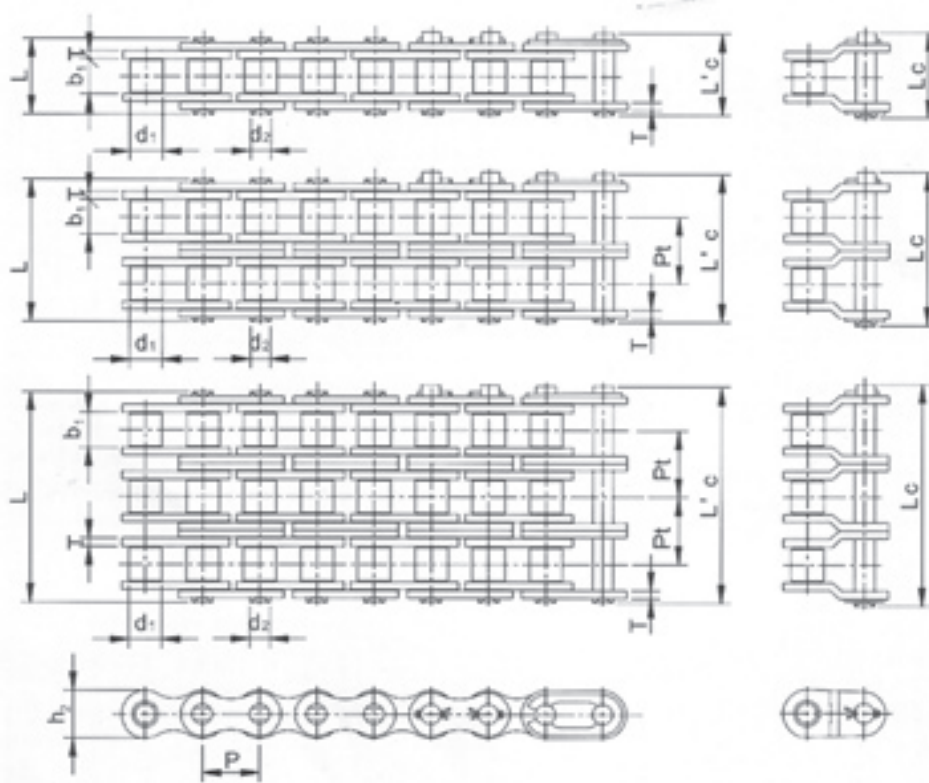


American Standard Heavy Duty Roller Chain (H)

H Series roller chains differ from standard roller chains in the extra thickness of link plates. Thicker plates provide greater shock load resistance and increased fatigue strength.



ANSI Chain No.	Pitch	Roller diameter	Width between inter plates	Pin diameter	Pin Length		Inner plate depth	Transverse pitch	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d _{1 max}	b _{1 min}	d _{2 max}	L _{max}	L _{c max}	h ₂	pt	T	Q(ISO/DIN) min	Q ₀	q =
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
40H	12.70	7.95	7.85	3.96	18.20	19.70	12.00	-	2.06	14.10	20.40	0.82
50H	15.88	10.16	9.40	5.08	22.10	24.90	15.09	-	2.44	22.20	29.80	1.25
60H	19.05	11.91	12.57	5.94	29.90	34.50	18.08	-	3.26	31.80	41.00	1.87
80H	25.40	15.88	15.75	7.92	36.60	42.00	24.13	-	4.00	56.70	72.10	3.10
100H	31.75	19.05	18.90	9.53	44.10	50.20	30.18	-	4.80	88.50	106.20	4.38
120H	38.10	22.23	25.22	11.10	53.80	60.40	36.20	-	5.65	127.00	156.70	6.60
60H-2	19.05	11.91	12.57	5.94	56.00	60.60	18.08	26.11	3.26	63.60	85.00	3.71
80H-2	25.40	15.88	15.75	7.92	69.20	74.60	24.13	32.59	4.00	113.40	144.20	6.15
100H-2	31.75	19.05	18.90	9.53	83.20	89.10	30.18	39.09	4.80	177.00	212.40	8.67
120H-2	38.10	22.23	25.22	11.10	102.7	109.30	36.20	48.87	5.65	254.00	310.50	13.13
60H-3	19.05	11.91	12.57	5.94	82.10	86.70	18.08	26.11	3.26	95.40	120.00	5.54
80H-3	25.40	15.88	15.75	7.92	101.8	107.20	24.13	32.59	4.00	170.10	210.20	9.42
100H-3	31.75	19.05	18.90	9.53	122.30	128.40	30.18	39.09	4.80	265.50	316.80	12.96
120H-3	38.10	22.23	25.22	11.10	151.50	158.10	36.20	48.87	5.65	381.00	458.20	19.64