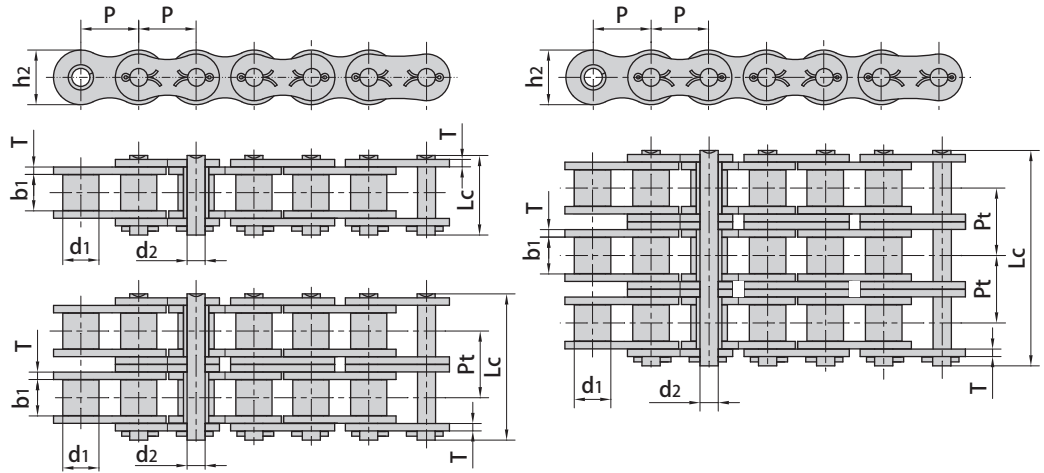


# Heavy duty series cotted roller chains

Simplex, Duplex & Triplex strands



ANSI/ISO Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner plate depth	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
	p mm	d1 max mm	b1 min mm	d2 max mm	Lc max mm	h2 max mm	T max mm	Pt mm	Q min kN/lbf	Q0 kN	q kg/m
50H-1	15.875	10.16	9.40	5.08	24.4	15.09	2.42	-	22.2/5045	30.2	1.25
60H-1	19.050	11.91	12.57	5.94	31.6	18.00	3.25	-	31.8/7227	42.7	1.87
80H-1	25.400	15.88	15.75	7.92	39.4	24.00	4.00	-	56.7/12886	71.4	3.10
100H-1	31.750	19.05	18.90	9.53	46.9	30.00	4.80	-	88.5/20114	112.4	4.52
120H-1	38.100	22.23	25.22	11.10	57.5	35.70	5.60	-	127.0/28864	160.9	6.60
140H-1	44.450	25.40	25.22	12.70	62.2	41.00	6.40	-	172.4/39182	217.3	8.30
160H-1	50.800	28.58	31.55	14.27	73.0	47.80	7.20	-	226.8/51545	285.8	10.30
180H-1	57.150	35.71	35.48	17.46	81.6	53.60	8.00	-	281.0/63863	341.8	14.83
200H-1	63.500	39.68	37.85	19.85	93.5	60.00	9.50	-	353.8/80409	444.5	19.16
240H-1	76.200	47.63	47.35	23.81	115.9	72.30	12.70	-	510.3/115977	622.5	30.40
60H-2	19.050	11.91	12.57	5.94	57.7	18.00	3.25	26.11	63.6/14454	84.5	3.71
80H-2	25.400	15.88	15.75	7.92	72.0	24.00	4.00	32.59	113.4/25773	145.3	6.15
100H-2	31.750	19.05	18.90	9.53	86.0	30.00	4.80	39.09	177.0/40227	225.9	9.03
120H-2	38.100	22.23	25.22	11.10	106.4	35.70	5.60	48.87	254.0/57727	322.7	13.13
140H-2	44.450	25.40	25.22	12.70	114.4	41.00	6.40	52.20	344.8/78364	437.7	16.60
160H-2	50.800	28.58	31.55	14.27	134.9	47.80	7.20	61.90	453.6/103091	571.6	20.20
180H-2	57.150	35.71	35.48	17.46	150.8	53.60	8.00	69.16	562.0/127726	680.0	29.20
200H-2	63.500	39.68	37.85	19.85	171.8	60.00	9.50	78.31	707.6/160818	894.9	38.11
240H-2	76.200	47.63	47.35	23.81	217.3	72.30	12.70	101.22	1000.0/227270	1200.0	60.50
60H-3	19.050	11.91	12.57	5.94	83.8	18.00	3.25	26.11	95.4/21682	113.9	5.54
80H-3	25.400	15.88	15.75	7.92	104.6	24.00	4.00	32.59	170.1/38659	203.5	9.42
100H-3	31.750	19.05	18.90	9.53	125.1	30.00	4.80	39.09	265.5/60341	314.8	12.96
120H-3	38.100	22.23	25.22	11.10	155.2	35.70	5.60	48.87	381.0/86591	444.7	19.64
140H-3	44.450	25.40	25.22	12.70	166.6	41.00	6.40	52.20	517.2/117545	598.4	24.90
160H-3	50.800	28.58	31.55	14.27	196.8	47.80	7.20	61.90	680.4/154636	787.3	30.10
180H-3	57.150	35.71	35.48	17.46	220.0	53.60	8.00	69.16	843.0/191589	1011.0	44.10
200H-3	63.500	39.68	37.85	19.85	250.1	60.00	9.50	78.31	1061.4/241227	1228.2	57.06
240H-3	76.200	47.63	47.35	23.81	318.3	72.30	12.70	101.22	1500.0/340905	1650.0	91.00