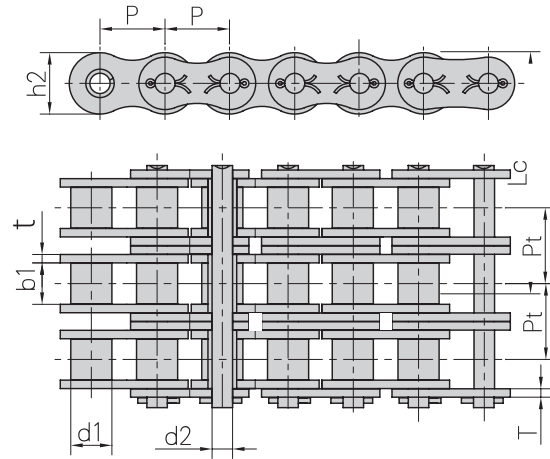
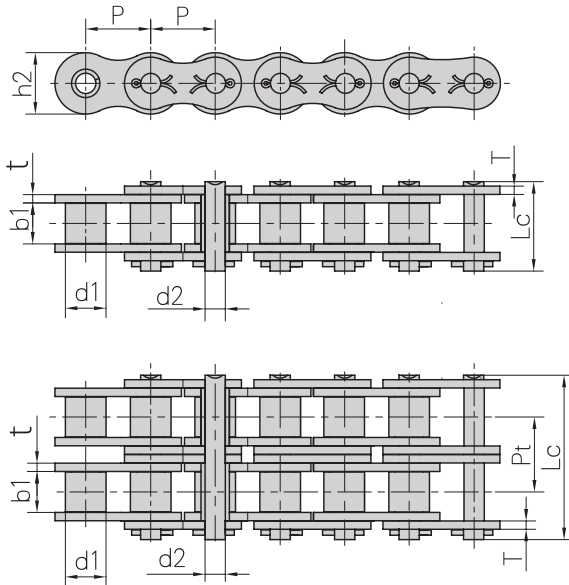


# American Standard Heavy Duty Roller Chain

corresponding to ISO 606, DIN8188



The heavy type roller chain has increased thickness of the chain plates than the standard roller chain by using the thickness of next pitch roller chain plate, increasing fatigue resistance performance.



DIN ref.	ANSI ref.	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
chain no.	chain no.	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Pt	Q min	Q <sub>0</sub>	q
		mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
10AH-1	50H-1	15,875	10,16	9,40	5,08	24,4	14,30	15,09	2,42		22,2/5045	30,2	1,25
12AH-1	60H-1	19,05	11,91	12,57	5,94	31,6	18,80	18,00	3,25		31,8/7227	42,7	1,87
16AH-1	80H-1	25,40	15,88	15,75	7,92	39,4	23,30	24,00	4,00		56,7/12886	71,4	3,10
20AH-1	100H-1	31,75	19,05	18,90	9,53	46,9	28,30	30,00	4,80		88,5/20114	112,4	4,52
24AH-1	120H-1	38,10	22,23	25,22	11,10	57,5	36,50	35,70	5,60		127,0/28864	160,9	6,60
28AH-1	140H-1	44,45	25,40	25,22	12,70	62,2	44,70	41,00	6,40		172,4/39182	217,3	8,30
32AH-1	160H-1	50,80	28,58	31,55	14,27	73,0	54,30	47,80	7,20		226,8/51545	285,8	10,30
40AH-1	200H-1	63,50	39,68	37,85	19,85	93,5	59,00	60,00	9,50		353,8/80409	444,5	19,16
12AH-2	60H-2	19,05	11,91	12,57	5,94	57,7	69,60	18,00	3,25	26,11	63,6/14454	84,5	3,71
16AH-2	80H-2	25,40	15,88	15,75	7,92	72,0	33,20	24,00	4,00	32,59	113,4/25773	145,3	6,15
20AH-2	100H-2	31,75	19,05	18,90	9,53	86,0	41,40	30,00	4,80	39,09	177,0/40227	225,9	9,03
24AH-2	120H-2	38,10	22,23	25,22	11,10	106,4	51,10	35,70	5,60	48,87	254,0/57727	322,7	13,13
28AH-2	140H-2	44,45	25,40	25,22	12,70	114,4	65,80	41,00	6,40	52,20	344,8/78364	437,7	16,60
32AH-2	160H-2	50,80	28,58	31,55	14,27	134,9	80,50	47,80	7,20	61,90	453,6/103091	571,6	20,20
40AH-2	200H-2	63,50	39,68	37,85	19,85	171,8	99,70	60,00	9,50	78,31	707,6/160818	894,9	38,11
12AH-3	60H-3	19,05	11,91	12,57	5,94	83,8	107,90	18,00	3,25	26,11	95,4/21682	113,9	5,54
16AH-3	80H-3	25,40	15,88	15,75	7,92	104,6	128,10	24,00	4,00	32,59	170,1/38659	203,5	9,42
20AH-3	100H-3	31,75	19,05	18,90	9,53	125,1	47,60	30,00	4,80	39,09	265,5/60341	314,8	12,96
24AH-3	120H-3	38,10	22,23	25,22	11,10	155,2	59,50	35,70	5,60	48,87	381,0/86591	444,7	19,64
28AH-3	140H-3	44,45	25,40	25,22	12,70	166,6	73,90	41,00	6,40	52,20	517,2/117545	598,4	24,90
32AH-3	160H-3	50,80	28,58	31,55	14,27	196,8	95,10	47,80	7,20	61,90	680,4/154636	787,3	30,10
40AH-3	200H-3	63,50	39,68	37,85	19,85	250,1	116,30	60,00	9,50	78,31	1061,4/241227	1228,2	57,06