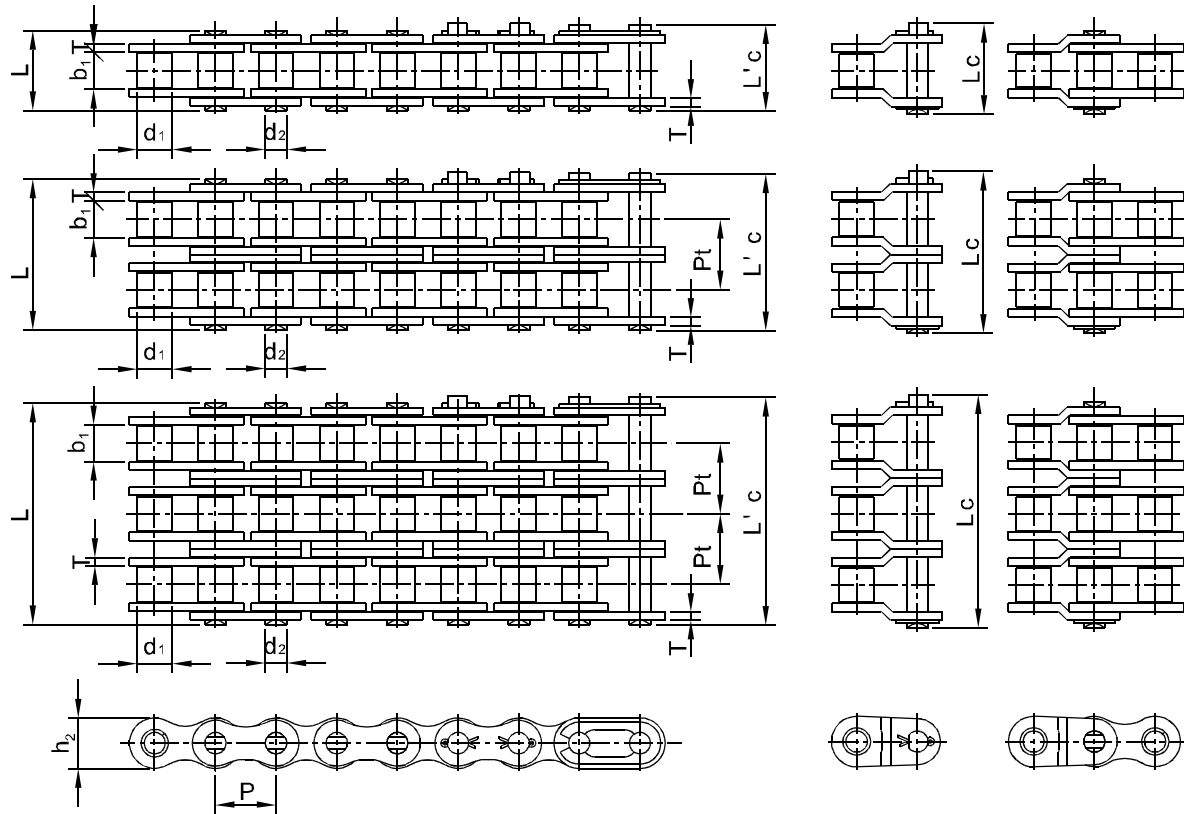


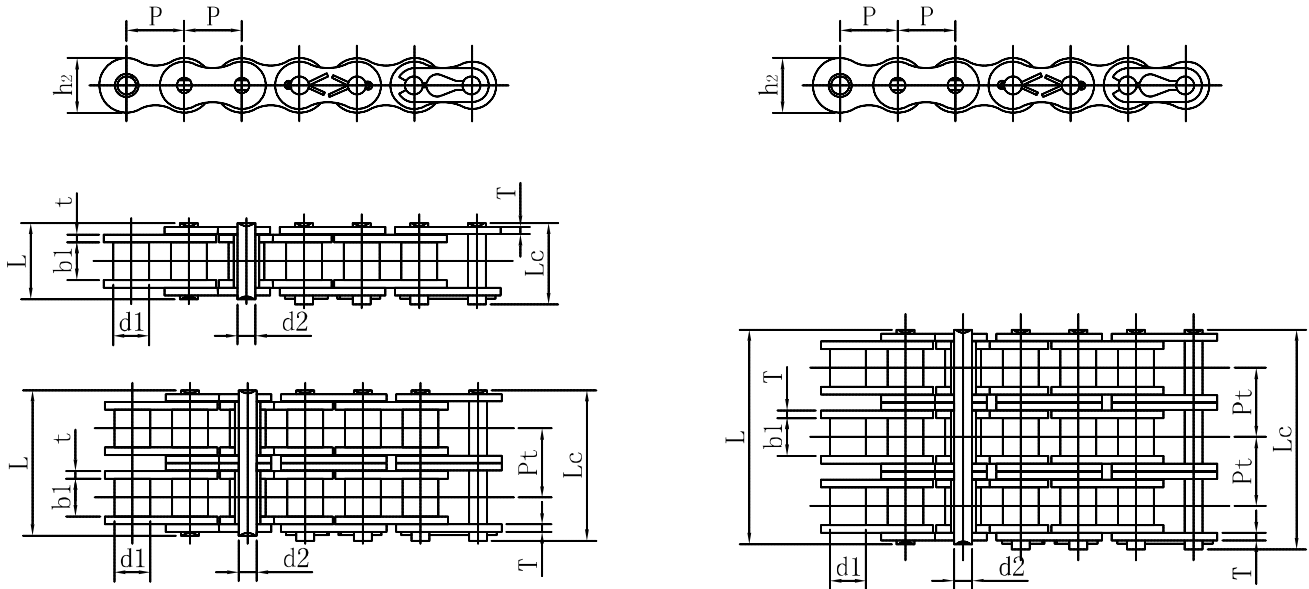
# HEAVY SERIES ROLLER CHAIN



ISO/DIN Chain No.	ANSI Chain No.	Pitch	Roller diameter	Width between inner 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	Lc max	$h_2$ max	Pt	T	Q(ISO/DIN) min	$Q_0$	$q_{\approx}$	
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
08AH-1	40H	12.70	7.95	7.85	3.96	18.20	19.70	12.00	-	2.06	13.80/14.10	20.40	0.82	
10AH-1	50H	15.875	10.16	9.40	5.08	22.10	24.90	15.09	-	2.44	21.80/22.20	29.80	1.25	
12AH-1	60H	19.05	11.91	12.57	5.94	29.90	34.50	18.08	-	3.26	31.10/31.80	41.00	1.87	
16AH-1	80H	25.40	15.88	15.75	7.92	36.60	42.00	24.13	-	4.00	55.60/56.70	72.10	3.10	
20AH-1	100H	31.75	19.05	18.90	9.53	44.10	50.20	30.18	-	4.80	86.70/88.50	106.20	4.38	
24AH-1	120H	38.10	22.23	25.22	11.10	53.80	60.40	36.20	-	5.65	124.60/127.00	156.70	6.60	
12AH-2	60H-2	19.05	11.91	12.57	5.94	56.00	60.60	18.08	26.11	3.26	62.30/63.60	85.00	3.71	
16AH-2	80H-2	25.40	15.88	15.75	7.92	69.20	74.60	24.13	32.59	4.00	111.20/113.40	144.20	6.15	
20AH-2	100H-2	31.75	19.05	18.90	9.53	83.20	89.10	30.18	39.09	4.80	173.50/177.00	212.40	8.67	
24AH-2	120H-2	38.10	22.23	25.22	11.10	102.7	109.3	36.20	48.87	5.65	249.10/254.00	310.50	13.13	
12AH-3	60H-3	19.05	11.91	12.57	5.94	82.10	86.70	18.08	26.11	3.26	93.40/95.40	120.00	5.54	
16AH-3	80H-3	25.40	15.88	15.75	7.92	101.8	107.2	24.13	32.59	4.00	166.80/170.10	210.20	9.42	
20AH-3	100H-3	31.75	19.05	18.90	9.53	122.3	128.4	30.18	39.09	4.80	260.20/265.50	316.80	12.96	
24AH-3	120H-3	38.10	22.23	25.22	11.10	151.5	158.1	36.20	48.87	5.65	373.70/381.00	458.20	19.64	

Note:  $L'c < Lc$

# HEAVY SERIES ROLLER CHAIN



ISO/DIN Chain No.	ANSI Chain No.	Pitch	Roller diameter	Width between inner plates		Pin Length		Inner plate depth	Transverse pitch	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
		P	d1 max	b1 min	d2 max	L max	Lc max	h2 max		Q min	Q0	q ≈	
		mm	mm	mm	mm	mm	mm	mm		mm	mm	KN	KN
28AH-1	140H	44,45	25,40	25,22	12,70	57,6	62,2	41,00	—	6,40	172,4	217,3	8,30
32AH-1	160H	50,80	28,58	31,55	14,27	68,2	73,0	47,80	—	7,20	226,8	285,8	10,30
36AH-1	180H	57,15	35,71	35,48	17,46	75,9	81,6	53,60	—	8,00	281,0	341,8	14,83
40AH-1	200H	63,50	39,68	37,85	19,85	86,6	93,5	60,00	—	9,50	353,8	444,5	19,16
28AH-2	140H-2	44,45	25,40	25,22	12,70	109,8	114,4	41,00	52,20	6,40	344,8	437,7	16,60
32AH-2	160H-2	50,80	28,58	31,55	14,27	130,1	134,9	47,80	61,90	7,20	453,6	571,6	20,20
40AH-2	200H-2	63,50	39,68	37,85	19,85	164,9	171,8	60,00	78,31	9,50	707,6	894,9	38,11
28AH-3	140H-3	44,45	25,40	25,22	12,70	162,0	166,6	41,00	52,20	6,40	517,2	598,4	24,90
32AH-3	160H-3	50,80	28,58	31,55	14,27	192,0	196,8	47,80	61,90	7,20	680,4	787,3	30,10
40AH-3	200H-3	63,50	39,68	37,85	19,85	243,2	250,1	60,00	78,31	9,50	1061,4	1228,2	57,06