

Heavy-Duty Roller Chain

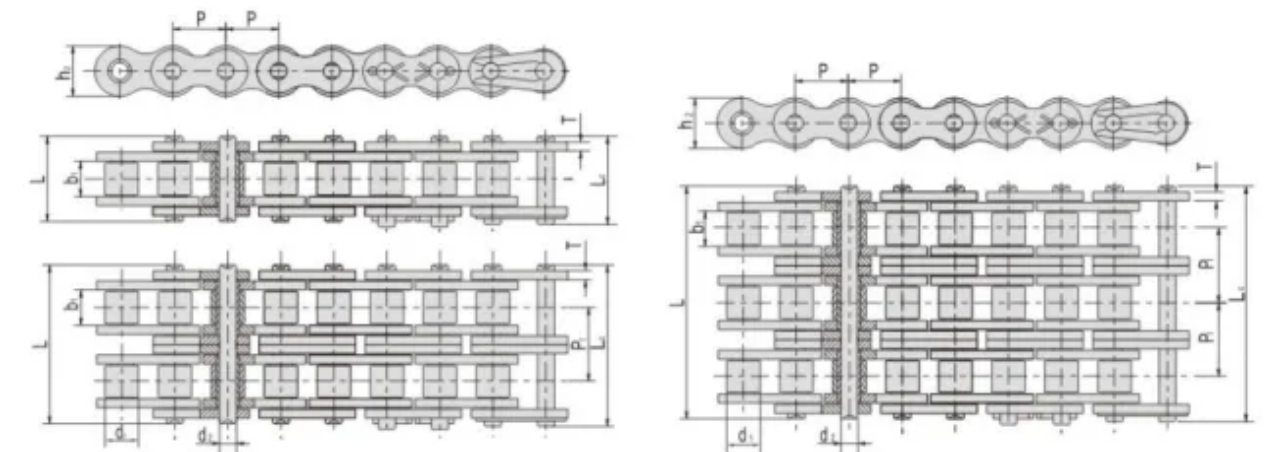


Features & Advantages



- High Quality Chain Material
- Optimized Heat Treatment Process
- 100% Pre-stretching And Excellent Wear Resistance
- Bush: Made Of High-quality Steel; Case Hardened
- Chain Plate: Made Of High-quality Medium Carbon Steel
- Beveling Porcess For Plate, Quad Riveted Available
- Pin: Made Of High-quality Alloy Steel
- Germany-imported Environment-friendlysuper Wear-resistant Grease
- Copper-plated, Zinc-plated, Nickle-plated And
- Chrome-plated Chain, Stainlesssteel Chain And Multiple Strands Chain Available

Technical Specifications



Email | sales@hdsusa.us

Tel | +1 (832) 808-5116 Tel | +1 (832) 808-5164



HDS Chain No.		*35H	40H	50H	60H	80H	100H	120H	140H	160H	200H	60H-2	80H-2
Pitch	P/mm	9.525	12.7	15.875	19.05	25.40	31.75	37.10	44.45	50.80	63.50	19.05	25.40
Roller Diameter	d2(Max)	5.08	7.92	10.16	11.91	15.88	19.05	22.23	25.40	28.58	39.68	11.91	15.88
Width Between Inner Plates	b1(Min)	4.68	7.85	9.4	12.57	15.75	18.90	25.22	25.22	31.55	37.85	12.57	15.75
Pin Length	L(Max)	3.58	3.96	5.08	5.94	7.92	9.53	11.10	12.70	14.27	19.85	5.94	7.92
Pin Length	Lc(Max)	13.3	18.8	22.1	29.3	36.2	43.6	53.5	57.6	68.2	86.6	55.3	68.8
Pin Diameter	d1(Max)	14.3	19.9	23.4	31	37.7	46.9	57.5	62.2	73.0	93.5	57.1	70.3
Inner Plate Depth	H2 (Max)	9	12	15.09	18	24	30	35.7	41	47.80	60	18	24
Plate Thickness	T	1.5	2.03	2.42	3.25	4	4.8	5.6	6.4	7.2	9.5	3.25	4
Transverse Pitch	PT	/	/	/	/	/	/	/	/	/	/	26.11	32.59
Ultimate Tensile Strength	KN	7.9	14.1	22.2	31.8	56.7	88.8	127	172.4	226.8	353.8	63.6	113.4
Average Tensile Strength	KN	10.8	19.1	30.2	42.7	71.4	112.4	160.9	217.3	285.8	444.5	84.5	145.3
Weight Per Meter	KG/M	0.41	0.82	1.25	1.87	3.1	4.52	6.6	8.3	11.1	19.16	3.71	6.15

HDS Chain No.		100H-2	120H-2	140H-2	160H-2	200H-2	60H-3	80H-3	100H-3	150H-3	140H-3	160H-3	200H-3
Pitch	P/mm	31.75	38.1	44.45	50.8	63.5	19.05	25.4	31.75	38.1	44.45	50.8	63.5
Roller Diameter	d2(Max)	19.05	22.23	25.4	28.58	39.68	11.91	15.88	19.05	22.23	25.4	28.58	39.68
Width Between Inner Plates	b1(Min)	18.9	25.22	25.22	31.55	37.85	12.57	15.75	18.9	25.22	25.22	31.55	37.85
Pin Length	L(Max)	9.53	11.1	12.7	14.27	19.85	5.94	7.92	9.53	11.1	12.7	14.27	19.85
Pin Length	Lc(Max)	82.7	102.4	109.8	130.1	164.9	81.4	101.4	121.8	151.2	162	192	243.2
Pin Diameter	d1(Max)	86	106.4	114.4	134.9	171.8	83.2	102.9	125.1	155.2	166.6	196.8	250.1
Inner Plate Depth	H2 (Max)	30	35.7	41	47.8	60	18	24	30	35.7	41	47.8	60
Plate Thickness	T	4.8	5.6	6.4	7.2	9.5	3.25	4	4.8	5.6	6.4	7.2	9.5
Transverse Pitch	PT	39.09	48.87	52.2	61.9	78.31	26.11	32.59	39.09	48.87	52.2	61.9	78.31
Ultimate Tensile Strength	KN	177	254	344.8	453.6	707.6	95.4	170.1	265.5	381	517.2	680.4	1061.4
Average Tensile Strength	KN	225.9	322.7	437.7	571.6	894.9	113.9	203.5	314.8	444.7	598.4	787.3	1228.2
Weight Per Meter	KG/M	9.03	13.13	16.6	22.06	38.11	5.54	9.42	12.96	19.64	24.9	30.1	57.06