

### Roller Chains With Cotter

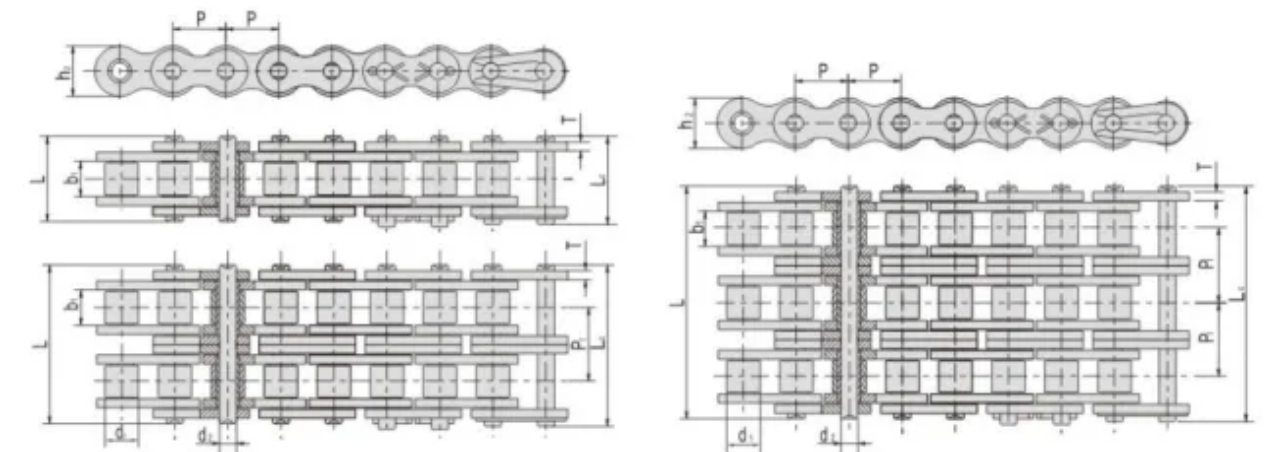


### Features & Advantages



- 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-resis- tant Grease
- Copper-plated, Zinc-plated, Nickle-plated And
- Chrome-plated Chain, Stainlesssteel Chain And Multiple Strands Chain Available

### Technical Specifications



Email | [sales@hdsusa.us](mailto:sales@hdsusa.us)

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



<b>HDS Chain No.</b>		<b>08A-1</b>	<b>10A-1</b>	<b>12A-1</b>	<b>16A-1</b>	<b>20A-1</b>	<b>24A-1</b>	<b>28A-1</b>	<b>32A-1</b>	<b>36A-1</b>	<b>40A-1</b>	<b>48A-1</b>	<b>18A-2</b>
<b>Pitch</b>	<b>P/mm</b>	12.7	15.875	19.05	25.4	31.75	38.1	44.45	50.8	57.15	63.5	76.2	12.7
<b>Roller Diameter</b>	<b>d2(Max)</b>	7.92	10.16	11.91	15.88	19.05	22.23	25.4	28.58	35.71	39.68	47.63	7.92
<b>Width Between Inner Plates</b>	<b>b1(Min)</b>	7.85	9.48	12.57	15.75	18.9	25.22	25.22	31.55	35.48	37.85	47.7	7.85
<b>Pin Diameter</b>	<b>d1(Max)</b>	3.96	5.08	5.94	7.92	9.53	11.1	12.7	14.27	17.46	19.84	23.81	3.96
<b>Pin Length</b>	<b>Lc(Max)</b>	18.6	23.2	28.5	36.1	43.4	53.5	58.7	68.7	78.6	85.5	102.5	33
<b>Inner Plate Depth</b>	<b>H2 (Max)</b>	12	15	18	24	30.1	36.1	42.1	48.1	53.6	60	71.8	12
<b>Transverse Pitch</b>	<b>PT</b>	/	/	/	/	/	/	/	/	/	/	/	14.38
<b>Ultimate Tensile Strength</b>	<b>KN</b>	14.1	22.2	31.8	56.7	88.5	127	172.4	226.8	284.5	353.8	529.4	28.2
<b>Average Tensile Strength</b>	<b>KN</b>	17.5	29.4	41.5	69.4	109.2	156.3	212	278.9	341.8	431.6	622.5	35.9
<b>Weight Per Meter</b>	<b>KG/M</b>	0.68	1.1	1.62	2.75	4.1	5.93	8.05	10.44	13.7	16.9	24.6	1.26

<b>HDS Chain No.</b>		<b>10A-2</b>	<b>12A-2</b>	<b>16A-2</b>	<b>20A-2</b>	<b>24A-2</b>	<b>28A-2</b>	<b>32A-2</b>	<b>36A-2</b>	<b>40A-2</b>	<b>48A-2</b>	<b>08A-3</b>	<b>10A-3</b>
<b>Pitch</b>	<b>P/mm</b>	15.875	19.05	25.4	31.75	38.1	44.45	50.8	57.15	63.5	76.2	12.7	18.875
<b>Roller Diameter</b>	<b>d2(Max)</b>	1016	11.91	15.88	19.05	22.23	25.4	28.58	35.71	39.68	47.63	7.92	10.16
<b>Width Between Inner Plates</b>	<b>b1(Min)</b>	9.48	12.57	15.75	18.9	25.22	25.22	31.55	35.48	37.85	47.7	7.85	9.48
<b>Pin Diameter</b>	<b>d1(Max)</b>	5.08	5.94	7.92	9.53	11.1	12.7	14.27	17.46	19.84	23.81	3.96	5.08
<b>Pin Length</b>	<b>Lc(Max)</b>	41.3	51.3	65.6	78.1	98.8	107.4	127.2	144.4	157	190.3	47.4	59.5
<b>Inner Plate Depth</b>	<b>H2 (Max)</b>	15	18	24	30.1	36.1	42.1	48.1	53.6	60	71.8	12	15
<b>Transverse Pitch</b>	<b>PT</b>	18.11	22.78	29.29	35.76	45.44	48.87	58.55	65.84	71.55	87.83	14.38	18.11
<b>Ultimate Tensile Strength</b>	<b>KN</b>	44.4	63.6	113.4	177	254	344.8	453.6	560.5	707.6	1020.6	42.3	66.6
<b>Average Tensile Strength</b>	<b>KN</b>	58.1	82.1	141.8	219.4	314.9	427.5	562.4	695	877.4	1255.3	50	77.8
<b>Weight Per Meter</b>	<b>KG/M</b>	2.17	3.18	5.35	8.13	11.8	15.7	20.7	27.15	33.5	48.6	2.03	3.05

<b>HDS Chain No.</b>		<b>12A-3</b>	<b>16A-3</b>	<b>20A-3</b>	<b>24A-3</b>	<b>28A-3</b>	<b>32A-3</b>	<b>36A-3</b>	<b>40A-3</b>	<b>48A-3</b>
Pitch	P/mm	19.05	19.05	31.75	38.1	44.45	50.8	57.15	63.5	76.2
Roller Diameter	d2(Max)	11.91	15.88	19.05	22.23	25.4	28.58	35.71	39.68	47.63
Width Between Inner Plates	b1(Min)	12.57	15.75	18.9	25.22	25.22	31.55	35.48	37.85	47.7
Pin Diameter	d1(Max)	5.94	7.92	9.53	11.1	12.7	14.27	17.46	19.84	23.81
Pin Length	Lc(Max)	74.3	94.9	115	144.2	156.8	185.6	210.2	228.3	278.5
Inner Plate Depth	H2 (Max)	18	24	30.1	36.1	42.1	48.1	53.6	60	71.8
Transverse Pitch	PT	22.78	29.29	35.76	45.44	48.87	58.55	65.84	71.55	87.83
Ultimate Tensile Strength	KN	95.4	170.1	265.5	381	517.2	680.4	840.7	1061.4	1530.9
Average Tensile Strength	KN	111.1	198.4	69.4	437.2	593.3	780.6	983.6	1217.8	1756.5
Weight Per Meter	KG/M	4.73	8.05	12.3	17.85	22.3	30.9	40.49	54.4	72.7