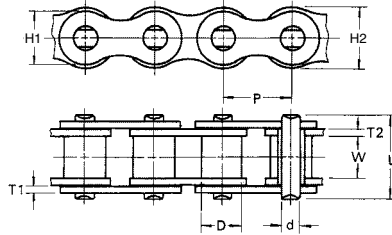


EXTRA HEAVY DUTY CHAIN SPECIAL H SERIES

This chain is designed for heavy duty application requiring compactness. For easy comparison, ANSI standard roller chain is listed.



UNIT Upper:inch
Beneath:mm

Chain No.	Pitch P	Roller Diam. D	Width between L.P. W	Link Plate				Pin Diam. d	Pin L	Average Tensile Strength Lb/kg	Max. Working Load Lb/kg	Approx Weight Lb/ft kg/m
				H1	H2	T1	T2					
ANSI 35	0.375 9.525	▲ 0.200 5.08	0.189 4.8	- -	0.354 9	0.049 1.25	0.049 1.25	0.141 3.58	0.461 11.7	2,601 1,180	419 190	0.24 0.36
2H33B 35H	0.375 9.525	▲ 0.200 5.08	0.189 4.8	0.358 9.1	0.358 9.1	0.079 2	0.079 2	0.141 3.58	0.583 14.8	3,902 1,770	728 330	0.36 0.53
ANSI 40	0.500 12.7	0.312 7.92	0.313 7.95	- -	0.472 12	0.059 1.5	0.059 1.5	0.156 3.96	0.634 16.1	4,299 1,950	860 390	0.44 0.66
HM45	0.500 12.7	0.335 8.5	0.313 7.95	0.492 12.5	0.492 12.5	0.063 1.6	0.079 2	0.177 4.5	0.697 17.7	5,952 2,700	1,146 520	0.6 0.9
HM45E	0.500 12.7	0.335 8.5	0.313 7.95	■ 0.472 12	■ 0.472 12	0.079 2	0.094 2.4	0.177 4.5	0.772 19.6	6,724 3,050	1,455 660	0.73 1.08
2H44E	0.500 12.7	0.306 7.77	0.252 6.4	■ 0.472 12	■ 0.472 12	0.059 1.5	0.079 2	0.156 3.96	0.634 16.1	5,181 2,350	1,235 560	0.52 0.78
2H45E 40H	0.500 12.7	0.312 7.92	0.313 7.95	■ 0.472 12	■ 0.472 12	0.059 1.5	0.079 2	0.156 3.96	0.689 17.5	5,181 2,350	1,235 560	0.56 0.83
ANSI 50	0.625 15.875	0.400 10.16	0.376 9.55	- -	0.591 15	0.079 2	0.079 2	0.200 5.08	0.799 20.3	7,165 3,250	1,389 630	0.73 1.08
H525E	0.625 15.875	0.421 10.7	0.311 7.9	■ 0.614 15.6	■ 0.614 15.6	0.094 2.4	0.126 3.2	0.206 5.24	0.874 22.2	10,141 4,600	2,646 1,200	1.08 1.6
2H52	0.625 15.875	0.400 10.16	0.252 6.4	0.512 13	0.594 15.1	0.094 2.4	0.094 2.4	0.200 5.08	0.736 18.7	8,818 4,000	1,543 700	0.67 1
2H53 50H	0.625 15.875	0.400 10.16	0.376 9.55	0.512 13	0.591 15	0.094 2.4	0.094 2.4	0.200 5.08	0.862 21.9	8,818 4,000	1,543 700	0.81 1.2
2H53S	0.625 15.875	0.400 10.16	0.376 9.55	0.512 13	■ 0.591 15	0.126 3.2	0.094 2.4	0.200 5.08	0.929 23.6	8,818 4,000	1,874 850	0.87 1.3
ANSI 60	0.750 19.05	0.469 11.91	0.500 12.7	- -	0.709 18	0.094 2.4	0.094 2.4	0.234 5.95	1.000 25.4	9,921 4,500	2,094 950	1.08 1.6
2H63	0.750 19.05	0.469 11.91	0.376 9.55	0.602 15.3	0.709 18	0.126 3.2	0.126 3.2	0.234 5.95	1.016 25.8	12,346 5,600	2,646 1,200	1.17 1.74
2H64	0.750 19.05	0.469 11.91	0.500 12.7	0.602 15.3	0.709 18	0.126 3.2	0.126 3.2	0.234 5.95	1.142 29	12,346 5,600	2,646 1,200	1.26 1.88
2H64B	0.750 19.05	▲ 0.469 11.91	0.504 12.79	0.787 20	0.787 20	0.126 3.2	0.157 4	0.295 7.5	1.236 31.4	18,188 8,250	3,384 1,535	1.68 2.5
3H63	0.750 19.05	0.469 11.91	0.376 9.55	0.709 18	0.787 20	0.126 3.2	0.126 3.2	0.234 5.95	1.016 25.8	13,007 5,900	3,351 1,520	1.34 2
4H63	0.750 19.05	0.563 14.29	0.376 9.55	■ 0.772 19.6	■ 0.772 19.6	0.126 3.2	0.157 4	0.276 7	1.071 27.2	16,314 7,400	4,034 1,830	1.73 2.58
5H63	0.750 19.05	0.563 14.29	0.376 9.55	■ 0.772 19.6	■ 0.772 19.6	0.126 3.2	0.161 4.1	0.287 7.3	1.079 27.4	17,416 7,900	4,034 1,830	1.73 2.58
H745E	0.875 22.225	0.614 15.6	0.563 14.3	■ 0.925 23.5	■ 0.925 23.5	0.157 4	0.189 4.8	0.313 7.94	1.409 35.8	23,369 10,600	5,952 2,700	2.55 3.8
H745B	0.875 22.225	▲ 0.563 14.29	0.563 14.29	0.925 23.5	0.925 23.5	0.157 4	0.189 4.8	0.354 9	1.425 36.2	26,015 11,800	4,696 2,130	2.42 3.6
H745EP	0.875 22.225	0.614 15.6	0.563 14.3	■ 0.925 23.5	■ 0.925 23.5	0.157 4	0.189 4.8	0.313 7.94	1.409 35.8	23,369 10,600	6,393 2,900	2.55 3.8
ANSI 80	1.000 25.4	0.625 15.88	0.626 15.9	- -	0.949 24.1	0.126 3.2	0.126 3.2	0.313 7.94	1.287 32.7	17,637 8,000	3,638 1,650	1.88 2.8
2H85E	1.000 25.4	0.625 15.88	0.626 15.9	■ 0.945 24	■ 0.945 24	0.126 3.2	0.157 4	0.313 7.94	1.362 34.6	21,605 9,800	5,071 2,300	2.22 3.3
3H85E	1.000 25.4	0.625 15.88	0.626 15.9	■ 0.945 24	■ 0.945 24	0.157 4	0.182 4.62	0.313 7.94	1.425 36.2	24,692 11,200	5,071 2,300	2.42 3.6
4H85E	1.000 25.4	0.625 15.88	0.626 15.9	■ 0.965 24.5	■ 0.965 24.5	0.157 4	0.182 4.62	0.326 8.28	1.472 37.4	28,440 12,900	6,173 2,800	2.62 3.9
H85B	1.000 25.4	▲ 0.625 15.88	0.626 15.9	1.047 26.6	1.047 26.6	0.189 4.8	0.220 5.6	0.394 10	1.654 42	32,408 14,700	6,305 2,860	3.09 4.6
H85	1.000 25.4	0.719 18.25	0.626 15.9	0.965 24.5	0.965 24.5	0.182 4.62	0.236 6	0.375 9.53	1.657 42.1	32,408 14,700	6,239 2,830	3.09 4.6
H85E	1.000 25.4	0.719 18.25	0.626 15.9	■ 0.965 24.5	■ 0.965 24.5	0.182 4.62	0.236 6	0.375 9.53	1.689 42.9	32,408 14,700	7,055 3,200	3.16 4.7
H955E	1.125 28.575	0.817 20.74	0.689 17.5	■ 1.098 27.9	■ 1.098 27.9	0.220 5.6	0.260 6.6	0.425 10.8	1.870 47.5	35,274 16,000	8,598 3,900	4.1 6.1
ANSI 100	1.250 31.75	0.750 19.05	0.754 19.15	- -	1.185 30.1	0.157 4	0.157 4	0.375 9.53	1.571 39.9	26,455 12,000	5,512 2,500	2.82 4.2

▲ indicates bush diameter. ■ indicates straight link plate.
Most of chain is used endless. No connecting is available except some sizes.

EXTRA HEAVY DUTY ROLLER CHAIN