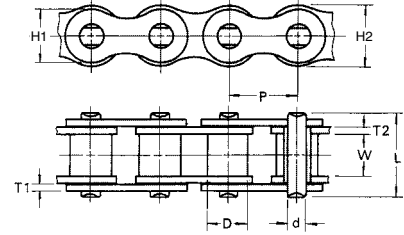


# EXTRA HEAVY DUTY CHAIN SPECIAL H SERIES

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	▲ 0.200	0.189	-	0.354	0.049	0.049	0.141	0.461	2,601	419	0.24
	9.525	5.08	4.8	-	9	1.25	1.25	3.58	11.7	1,180	190	0.36
2H33B	0.375	▲ 0.200	0.189	0.358	0.358	0.079	0.079	0.141	0.583	3,902	728	0.36
	9.525	5.08	4.8	9.1	9.1	2	2	3.58	14.8	1,770	330	0.53
ANSI 40	0.500	0.312	0.313	-	0.472	0.059	0.059	0.156	0.634	4,299	860	0.44
	12.7	7.92	7.95	-	12	1.5	1.5	3.96	16.1	1,950	390	0.66
HM45	0.500	0.335	0.313	0.492	0.492	0.063	0.079	0.177	0.697	5,952	1,146	0.6
	12.7	8.5	7.95	12.5	12.5	1.6	2	4.5	17.7	2,700	520	0.9
HM45E	0.500	0.335	0.313	■ 0.472	■ 0.472	0.079	0.094	0.177	0.772	6,724	1,455	0.73
	12.7	8.5	7.95	12	12	2	2.4	4.5	19.6	3,050	660	1.08
2H44E	0.500	0.306	0.252	■ 0.472	■ 0.472	0.059	0.079	0.156	0.634	5,181	1,235	0.52
	12.7	7.77	6.4	12	12	1.5	2	3.96	16.1	2,350	560	0.78
2H45E	0.500	0.312	0.313	■ 0.472	■ 0.472	0.059	0.079	0.156	0.689	5,181	1,235	0.56
	12.7	7.92	7.95	12	12	1.5	2	3.96	17.5	2,350	560	0.83
ANSI 50	0.625	0.400	0.376	-	0.591	0.079	0.079	0.200	0.799	7,165	1,389	0.73
	15.875	10.16	9.55	-	15	2	2	5.08	20.3	3,250	630	1.08
H525E	0.625	0.421	0.311	■ 0.614	■ 0.614	0.094	0.126	0.206	0.874	10,141	2,646	1.08
	15.875	10.7	7.9	15.6	15.6	2.4	3.2	5.24	22.2	4,600	1,200	1.6
2H52	0.625	0.400	0.252	0.512	0.594	0.094	0.094	0.200	0.736	8,818	1,543	0.67
	15.875	10.16	6.4	13	15.1	2.4	2.4	5.08	18.7	4,000	700	1
2H53	0.625	0.400	0.376	0.512	0.591	0.094	0.094	0.200	0.862	8,818	1,543	0.81
	15.875	10.16	9.55	13	15	2.4	2.4	5.08	21.9	4,000	700	1.2
2H53S	0.625	0.400	0.376	0.512	■ 0.591	0.126	0.094	0.200	0.929	8,818	1,874	0.87
	15.875	10.16	9.55	13	15	3.2	2.4	5.08	23.6	4,000	850	1.3
ANSI 60	0.750	0.469	0.500	-	0.709	0.094	0.094	0.234	1.000	9,921	2,094	1.08
	19.05	11.91	12.7	-	18	2.4	2.4	5.95	25.4	4,500	950	1.6
2H63	0.750	0.469	0.376	0.602	0.709	0.126	0.126	0.234	1.016	12,346	2,646	1.17
	19.05	11.91	9.55	15.3	18	3.2	3.2	5.95	25.8	5,600	1,200	1.74
2H64	0.750	0.469	0.500	0.602	0.709	0.126	0.126	0.234	1.142	12,346	2,646	1.26
	19.05	11.91	12.7	15.3	18	3.2	3.2	5.95	29	5,600	1,200	1.88
2H64B	0.750	▲ 0.469	0.504	0.787	0.787	0.126	0.157	0.295	1.236	18,188	3,384	1.68
	19.05	11.91	12.79	20	20	3.2	4	7.5	31.4	8,250	1,535	2.5
3H63	0.750	0.469	0.376	0.709	0.787	0.126	0.126	0.234	1.016	13,007	3,351	1.34
	19.05	11.91	9.55	18	20	3.2	3.2	5.95	25.8	5,900	1,520	2
4H63	0.750	0.563	0.376	■ 0.772	■ 0.772	0.126	0.157	0.276	1.071	16,314	4,034	1.73
	19.05	14.29	9.55	19.6	19.6	3.2	4	7	27.2	7,400	1,830	2.58
5H63	0.750	0.563	0.376	■ 0.772	■ 0.772	0.126	0.161	0.287	1.079	17,416	4,034	1.73
	19.05	14.29	9.55	19.6	19.6	3.2	4.1	7.3	27.4	7,900	1,830	2.58
H745E	0.875	0.614	0.563	■ 0.925	■ 0.925	0.157	0.189	0.313	1.409	23,369	5,952	2.55
	22.225	15.6	14.3	23.5	23.5	4	4.8	7.94	35.8	10,600	2,700	3.8
H745B	0.875	▲ 0.563	0.563	0.925	0.925	0.157	0.189	0.354	1.425	26,015	4,696	2.42
	22.225	14.29	14.29	23.5	23.5	4	4.8	9	36.2	11,800	2,130	3.6
H745EP	0.875	0.614	0.563	■ 0.925	■ 0.925	0.157	0.189	0.313	1.409	23,369	6,393	2.55
	22.225	15.6	14.3	23.5	23.5	4	4.8	7.94	35.8	10,600	2,900	3.8
ANSI 80	1.000	0.625	0.626	-	0.949	0.126	0.126	0.313	1.287	17,637	3,638	1.88
	25.4	15.88	15.9	-	24.1	3.2	3.2	7.94	32.7	8,000	1,650	2.8
2H85E	1.000	0.625	0.626	■ 0.945	■ 0.945	0.126	0.157	0.313	1.362	21,605	5,071	2.22
	25.4	15.88	15.9	24	24	3.2	4	7.94	34.6	9,800	2,300	3.3
3H85E	1.000	0.625	0.626	■ 0.945	■ 0.945	0.157	0.182	0.313	1.425	24,692	5,071	2.42
	25.4	15.88	15.9	24	24	4	4.62	7.94	36.2	11,200	2,300	3.6
4H85E	1.000	0.625	0.626	■ 0.965	■ 0.965	0.157	0.182	0.326	1.472	28,440	6,173	2.62
	25.4	15.88	15.9	24.5	24.5	4	4.62	8.28	37.4	12,900	2,800	3.9
H85B	1.000	▲ 0.625	0.626	1.047	1.047	0.189	0.220	0.394	1.654	32,408	6,305	3.09
	25.4	15.88	15.9	26.6	26.6	4.8	5.6	10	42	14,700	2,860	4.6
H85	1.000	0.719	0.626	0.965	0.965	0.182	0.236	0.375	1.657	32,408	6,239	3.09
	25.4	18.25	15.9	24.5	24.5	4.62	6	9.53	42.1	14,700	2,830	4.6
H85E	1.000	0.719	0.626	■ 0.965	■ 0.965	0.182	0.236	0.375	1.689	32,408	7,055	3.16
	25.4	18.25	15.9	24.5	24.5	4.62	6	9.53	42.9	14,700	3,200	4.7
H955E	1.125	0.817	0.689	■ 1.098	■ 1.098	0.220	0.260	0.425	1.870	35,274	8,598	4.1
	28.575	20.74	17.5	27.9	27.9	5.6	6.6	10.8	47.5	16,000	3,900	6.1
ANSI 100	1.250	0.750	0.754	-	1.185	0.157	0.157	0.375	1.571	26,455	5,512	2.82
	31.75	19.05	19.15	-	30.1	4	4	9.53	39.9	12,000	2,500	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