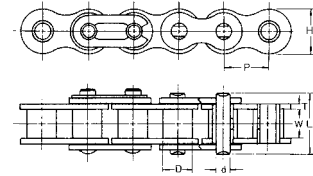


# OCM ROLLER CHAIN

## ROLLER CHAIN DIMENSIONS



UNIT Upper:inch  
Beneath:mm

ANSI standard roller chain

OCM Chain No.	Pitch	Roller Diam.	Width between L.P.	Link Plate		Pin Diam.	Pin	Average Tensile Strength	Max. Working Load	Weight
	P	D	W	H	T	d	L	Lb/kgf	Lb/kgf	Lb/ft kg/m
25	0.25	0.13	0.126	0.23	0.03	0.091	0.307	1058	154	0.087
	6.350	3.300	3.200	5.850	0.750	2.300	7.800	480	70	0.13
35	0.375	0.2	0.189	0.354	0.049	0.141	0.461	2601	419	0.242
	9.525	5.080	4.800	9.000	1.250	3.580	11.700	1180	190	0.36
40	0.5	0.312	0.313	0.472	0.059	0.156	0.634	4299	860	0.443
	12.700	7.920	7.950	12.000	1.500	3.960	16.100	1950	390	0.66
41	0.5	0.306	0.252	0.382	0.049	0.141	0.524	2403	463	0.275
	12.700	7.770	6.400	9.700	1.250	3.580	13.300	1090	210	0.41
50	0.625	0.4	0.376	0.591	0.079	0.2	0.799	7165	1389	0.726
	15.875	10.160	9.550	15.000	2.000	5.080	20.300	3250	630	1.08
60	0.75	0.469	0.5	0.709	0.094	0.234	1	9921	2094	1.075
	19.050	11.910	12.700	18.000	2.400	5.950	25.400	4500	950	1.6
80	1	0.625	0.626	0.949	0.126	0.313	1.287	17637	3638	1.881
	25.400	15.880	15.900	24.100	3.200	7.940	32.700	8000	1650	2.8
100	1.25	0.75	0.754	1.185	0.157	0.375	1.571	26455	5512	2.822
	31.750	19.050	19.150	30.100	4.000	9.530	39.900	12000	2500	4.2
120	1.5	0.875	1.006	1.425	0.189	0.437	1.972	37038	7275	4.166
	38.100	22.230	25.550	36.200	4.800	11.110	50.100	16800	3300	6.2
140	1.75	1	1.004	1.661	0.22	0.5	2.134	48722	9700	5.174
	44.450	25.400	25.500	42.200	5.600	12.700	54.200	22100	4400	7.7
160	2	1.125	1.25	1.898	0.252	0.563	2.72	60186	12125	6.652
	50.800	28.580	31.750	48.200	6.400	14.290	69.100	27300	5500	9.9
180	2.25	1.406	1.406	2.134	0.283	0.687	3.138	73634	14110	9.044
	57.150	35.710	35.700	54.200	7.200	17.460	79.700	33400	6400	13.46
200	2.5	1.562	1.5	2.366	0.315	0.781	3.358	101413	15873	11.087
	63.500	39.680	38.100	60.100	8.000	19.840	85.300	46000	7200	16.5
240	3	1.875	1.89	2.85	0.374	0.937	4.122	149914	21826	16.664
	76.200	47.630	48.000	72.400	9.500	23.800	104.700	68000	9900	24.8

UNIT Upper:inch  
Beneath:mm

Mini Pitch Series

OCM Chain No.	Pitch	Roller Diam.	Width between L.P.	Link Plate		Pin Diam.	Pin	Average Tensile Strength	Max. Working Load	Weight
	P	D	W	H	T	d	L	Lb/kgf	Lb/kgf	Lb/ft kg/m
S10	0.125	0.067	0.051	0.114	0.016	0.045	0.144	220	44	0.02
	3.175	1.700	1.300	2.900	0.400	1.150	3.650	100	20	0.03
15	0.188	0.098	0.094	0.173	0.022	0.064	0.224	485	88	0.06
	4.763	2.480	2.380	4.400	0.570	1.620	5.700	220	40	0.09
25H	0.25	0.13	0.126	0.23	0.039	0.091	0.35	1146	209	0.108
	6.350	3.300	3.200	5.850	1.000	2.300	8.900	520	95	0.16

UNIT Upper:inch  
Beneath:mm

S Series

OCM Chain No.	Pitch	Roller Diam.	Width between L.P.	Link Plate		Pin Diam.	Pin	Average Tensile Strength	Max. Working Load	Weight
	P	D	W	H	T	d	L	Lb/kgf	Lb/kgf	Lb/ft kg/m
42	0.5	0.306	0.134	0.378	0.039	0.143	0.37	2205	300	0.215
	12.700	7.770	3.400	9.600	1.000	3.630	9.400	1000	136	0.32
43	0.5	0.306	0.189	0.378	0.039	0.143	0.425	2205	300	0.235
	12.700	7.770	4.800	9.600	1.000	3.630	10.800	1000	136	0.35
S43	0.5	0.306	0.189	0.472	0.059	0.156	0.512	4299	860	0.356
	12.700	7.770	4.800	12.000	1.500	3.960	13.000	1950	390	0.53
S44	0.5	0.306	0.252	0.472	0.059	0.156	0.575	4299	860	0.39
	12.700	7.770	6.400	12.000	1.500	3.960	14.600	1950	390	0.58
S52	0.625	0.4	0.252	0.591	0.079	0.2	0.673	7165	1389	0.638
	15.875	10.160	6.400	15.000	2.000	5.080	17.100	3250	630	0.95
S525	0.625	0.4	0.311	0.591	0.079	0.2	0.732	7165	1389	0.672
	15.875	10.160	7.900	15.000	2.000	5.080	18.600	3250	630	1.00
S63	0.75	0.469	0.376	0.709	0.094	0.234	0.882	9921	2094	0.941
	19.050	11.910	9.550	18.000	2.400	5.950	22.400	4500	950	1.40