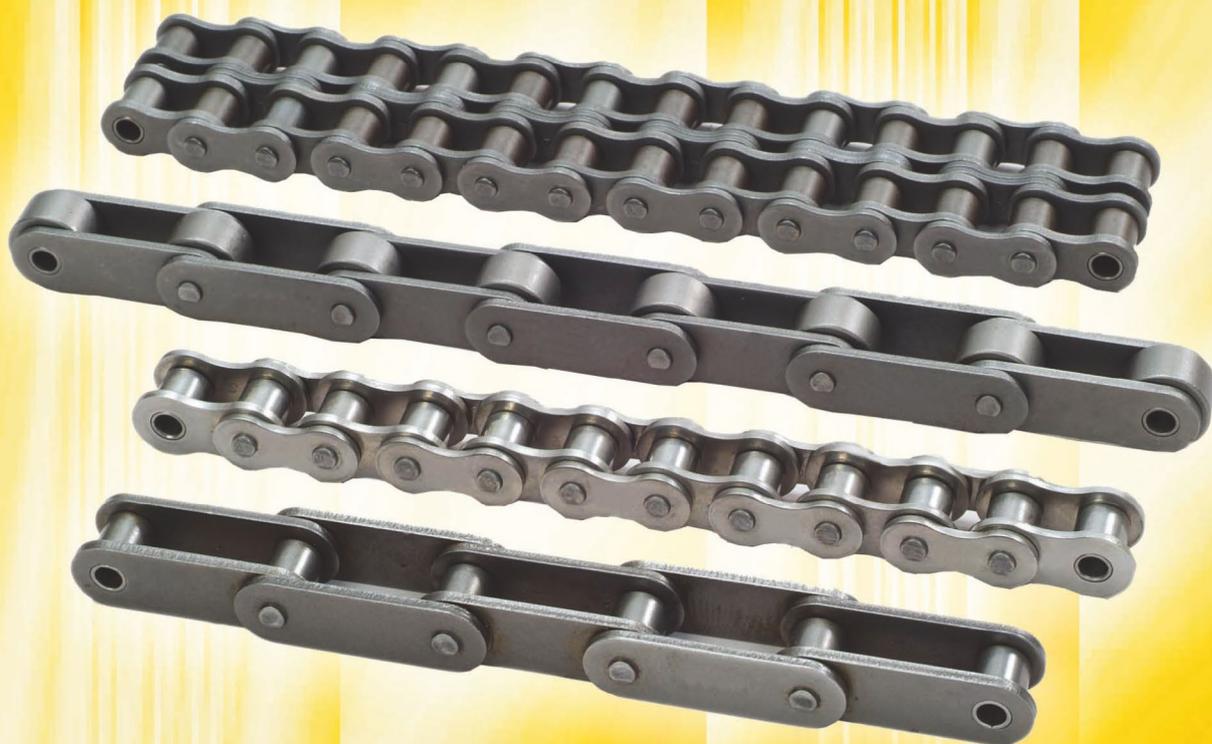
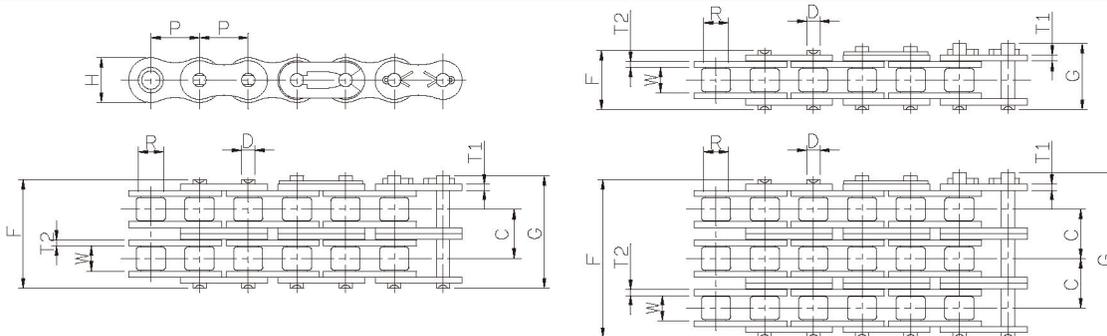


Standard Roller Chains



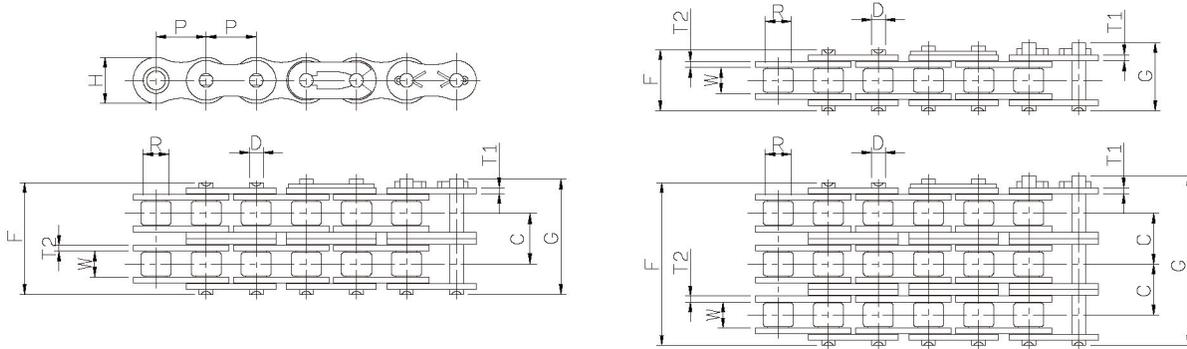
ANSI STANDARD ROLLER CHAIN



CHAIN NO.	Pitch		Width	Roller	Plate		Pin			Transverse Pitch	Ultimate Strength	Approx Weight	
	P		W	Dia	Height	Thickness	Dia	Length					
	inch	mm	(min)	R(max)	H(max)	T1	T2	D(max)	F(max)	G(max)	C	kgf(min)	kg/m
* 25-1	1/4"	6.35	3.10	3.30	6.02	0.75	0.75	2.31	9.1	11.6	—	357	0.14
* 25-2	1/4"	6.35	3.10	3.30	6.02	0.75	0.75	2.31	15.5	18.0	6.40	714	0.26
* 25-3	1/4"	6.35	3.10	3.30	6.02	0.75	0.75	2.31	21.8	24.3	6.40	1071	0.40
* 35-1	3/8"	9.525	4.68	5.08	9.05	1.25	1.25	3.60	13.2	16.5	—	806	0.33
* 35-2	3/8"	9.525	4.68	5.08	9.05	1.25	1.25	3.60	23.4	26.7	10.10	1612	0.69
* 35-3	3/8"	9.525	4.68	5.08	9.05	1.25	1.25	3.60	33.5	36.8	10.10	2418	1.05
41	1/2"	12.70	6.25	7.77	9.91	1.25	1.25	3.60	14.0	16.0	—	684	0.41
40-1	1/2"	12.70	7.85	7.92	12.07	1.50	1.50	3.98	17.8	21.7	—	1418	0.63
40-2	1/2"	12.70	7.85	7.92	12.07	1.50	1.50	3.98	32.3	36.2	14.40	2837	1.19
40-3	1/2"	12.70	7.85	7.92	12.07	1.50	1.50	3.98	46.7	50.6	14.40	4255	1.77
50-1	5/8"	15.875	9.40	10.16	15.09	2.00	2.00	5.09	21.8	25.9	—	2224	1.01
50-2	5/8"	15.875	9.40	10.16	15.09	2.00	2.00	5.09	39.9	44.0	18.10	4449	2.04
50-3	5/8"	15.875	9.40	10.16	15.09	2.00	2.00	5.09	57.9	62.0	18.10	6673	3.05
60-1	3/4"	19.05	12.57	11.91	18.10	2.40	2.40	5.96	26.9	31.5	—	3194	1.44
60-2	3/4"	19.05	12.57	11.91	18.10	2.40	2.40	5.96	49.8	54.4	22.80	6388	3.03
60-3	3/4"	19.05	12.57	11.91	18.10	2.40	2.40	5.96	72.6	77.2	22.80	9582	4.50
80-1	1"	25.40	15.75	15.88	24.13	3.20	3.20	7.94	33.5	38.9	—	5673	2.40
80-2	1"	25.40	15.75	15.88	24.13	3.20	3.20	7.94	62.7	68.1	29.30	11347	5.26
80-3	1"	25.40	15.75	15.88	24.13	3.20	3.20	7.94	91.9	97.3	29.30	17020	7.80
100-1	1-1/4"	31.75	18.90	19.05	30.17	4.00	4.00	9.54	41.1	47.2	—	8878	3.74
100-2	1-1/4"	31.75	18.90	19.05	30.17	4.00	4.00	9.54	77.0	83.1	35.80	17755	7.51
100-3	1-1/4"	31.75	18.90	19.05	30.17	4.00	4.00	9.54	113.0	119.1	35.80	26633	11.20
120-1	1-1/2"	38.10	25.22	22.23	36.20	4.80	4.80	11.11	50.8	57.4	—	12755	6.18
120-2	1-1/2"	38.10	25.22	22.23	36.20	4.80	4.80	11.11	96.3	102.9	45.40	25510	12.25
120-3	1-1/2"	38.10	25.22	22.23	36.20	4.80	4.80	11.11	141.7	148.3	45.40	38265	18.30
140-1	1-3/4"	44.45	25.22	25.40	42.23	5.60	5.60	12.71	54.9	62.3	—	17347	7.49
140-2	1-3/4"	44.45	25.22	25.40	42.23	5.60	5.60	12.71	103.6	111.0	48.90	34694	14.83
140-3	1-3/4"	44.45	25.22	25.40	42.23	5.60	5.60	12.71	152.4	159.8	48.90	52041	22.20
160-1	2"	50.80	31.55	28.58	48.26	6.40	6.40	14.29	65.5	73.4	—	22755	10.10
160-2	2"	50.80	31.55	28.58	48.26	6.40	6.40	14.29	124.2	132.1	58.50	45510	20.04
160-3	2"	50.80	31.55	28.58	48.26	6.40	6.40	14.29	182.9	190.8	58.50	68265	30.02
180-1	2-1/4"	57.15	35.48	35.71	54.30	7.10	7.10	17.46	73.9	83.0	—	28673	13.40
180-2	2-1/4"	57.15	35.48	35.71	54.30	7.10	7.10	17.46	140.0	149.1	65.84	57347	26.20
180-3	2-1/4"	57.15	35.48	35.71	54.30	7.10	7.10	17.46	206.0	215.1	65.84	86020	38.10
200-1	2-1/2"	63.50	37.85	39.68	60.33	8.00	8.00	19.85	80.3	90.5	—	35408	16.50
200-2	2-1/2"	63.50	37.85	39.68	60.33	8.00	8.00	19.85	151.9	162.1	71.60	70816	32.70
200-3	2-1/2"	63.50	37.85	39.68	60.33	8.00	8.00	19.85	223.5	233.7	71.60	106224	49.05
240-1	3"	76.20	47.35	47.63	72.40	9.50	9.50	23.81	95.5	106.0	—	51020	24.20
240-2	3"	76.20	47.35	47.63	72.40	9.50	9.50	23.81	183.4	193.9	87.80	102041	47.80
240-3	3"	76.20	47.35	47.63	72.40	9.50	9.50	23.81	271.3	281.8	87.80	153061	71.10

* Rollerless chain, R(max) indicates bushing diameter.

ISO "B" ROLLER CHAIN



CHAIN NO.	Pitch		Width	Roller	Plate			Pin			Transverse Pitch	Ultimate Strength	Approx Weight
	P		W	Dia	Height	Thickness		Dia	Length				
	inch	mm	(min)	R(max)	H(max)	T1	T2	D(max)	F(max)	G(max)	C	kgf(min)	kg/m
05B	0.315"	8.00	3.00	5.00	7.11	0.75	0.75	2.31	8.6	11.7	—	449	0.16
05B-2	0.315"	8.00	3.00	5.00	7.11	0.75	0.75	2.31	14.3	17.4	5.64	796	0.30
06B	0.375"	9.525	5.72	6.35	8.26	1.00	1.30	3.28	13.5	16.8	—	908	0.39
06B-2	0.375"	9.525	5.72	6.35	8.26	1.00	1.30	3.28	23.8	27.1	10.24	1724	0.74
06B-3	0.375"	9.525	5.72	6.35	8.26	1.00	1.30	3.28	34.0	37.3	10.24	2541	1.09
08B	0.5"	12.70	7.75	8.51	11.81	1.50	1.50	4.45	17.0	20.9	—	1816	0.65
08B-2	0.5"	12.70	7.75	8.51	11.81	1.50	1.50	4.45	31.0	34.9	13.92	3173	1.30
08B-3	0.5"	12.70	7.75	8.51	11.81	1.50	1.50	4.45	44.9	48.8	13.92	4541	1.92
10B	0.625"	15.875	9.65	10.16	14.73	1.50	1.50	5.08	19.6	23.7	—	2265	0.92
10B-2	0.625"	15.875	9.65	10.16	14.73	1.50	1.50	5.08	36.2	40.3	16.59	4541	1.68
10B-3	0.625"	15.875	9.65	10.16	14.73	1.50	1.50	5.08	52.8	56.9	16.59	6806	2.62
12B	0.75"	19.05	11.68	12.07	16.13	1.70	1.80	5.72	22.7	27.3	—	2949	1.24
12B-2	0.75"	19.05	11.68	12.07	16.13	1.70	1.80	5.72	42.2	46.8	19.46	5898	2.28
12B-3	0.75"	19.05	11.68	12.07	16.13	1.70	1.80	5.72	61.7	66.3	19.46	8847	3.55
16B	1"	25.40	17.02	15.88	21.08	3.20	4.00	8.28	36.1	41.5	—	6122	2.65
16B-2	1"	25.40	17.02	15.88	21.08	3.20	4.00	8.28	68.0	73.4	31.88	10816	5.25
16B-3	1"	25.40	17.02	15.88	21.08	3.20	4.00	8.28	99.9	105.3	31.88	16327	7.86
20B	1.25"	31.75	19.56	19.05	26.42	3.50	4.50	10.19	43.2	49.3	—	9694	3.85
20B-2	1.25"	31.75	19.56	19.05	26.42	3.50	4.50	10.19	79.7	85.8	36.45	17347	7.65
20B-3	1.25"	31.75	19.56	19.05	26.42	3.50	4.50	10.19	116.1	122.2	36.45	25510	11.45
24B	1.5"	38.10	25.40	25.40	33.40	5.20	6.00	14.63	53.4	60.0	—	16327	7.60
24B-2	1.5"	38.10	25.40	25.40	33.40	5.20	6.00	14.63	101.8	108.4	48.36	28571	14.80
24B-3	1.5"	38.10	25.40	25.40	33.40	5.20	6.00	14.63	150.2	156.8	48.36	43367	21.90
28B	1.75"	44.45	30.99	27.94	37.08	6.30	7.50	15.90	65.1	72.5	—	20408	9.05
28B-2	1.75"	44.45	30.99	27.94	37.08	6.30	7.50	15.90	124.7	132.1	59.56	36735	17.12
28B-3	1.75"	44.45	30.99	27.94	37.08	6.30	7.50	15.90	184.3	191.7	59.56	54082	25.61
32B	2"	50.80	30.99	29.21	42.29	6.30	7.10	17.81	67.4	75.3	—	25510	10.63
32B-2	2"	50.80	30.99	29.21	42.29	6.30	7.10	17.81	126.0	133.9	58.55	45918	20.85
32B-3	2"	50.80	30.99	29.21	42.29	6.30	7.10	17.81	184.5	192.4	58.55	68367	31.57
40B	2.5"	63.50	38.10	39.37	52.96	8.00	8.50	22.89	82.6	92.8	—	36224	16.25
40B-2	2.5"	63.50	38.10	39.37	52.96	8.00	8.50	22.89	154.9	165.1	72.29	64286	31.86
40B-3	2.5"	63.50	38.10	39.37	52.96	8.00	8.50	22.89	227.2	237.4	72.29	96939	48.14
48B	3"	76.20	45.72	48.26	63.88	10.0	12.1	29.24	99.1	109.6	—	57143	25.05
48B-2	3"	76.20	45.72	48.26	63.88	10.0	12.1	29.24	190.4	200.9	91.21	102041	49.83
48B-3	3"	76.20	45.72	48.26	63.88	10.0	12.1	29.24	281.6	292.1	91.21	153061	75.07
56B	3.5"	88.90	53.34	53.98	77.85	12.3	13.6	34.32	114.6	126.3	—	86735	35.80
56B-2	3.5"	88.90	53.34	53.98	77.85	12.3	13.6	34.32	221.2	232.9	106.6	163265	71.50