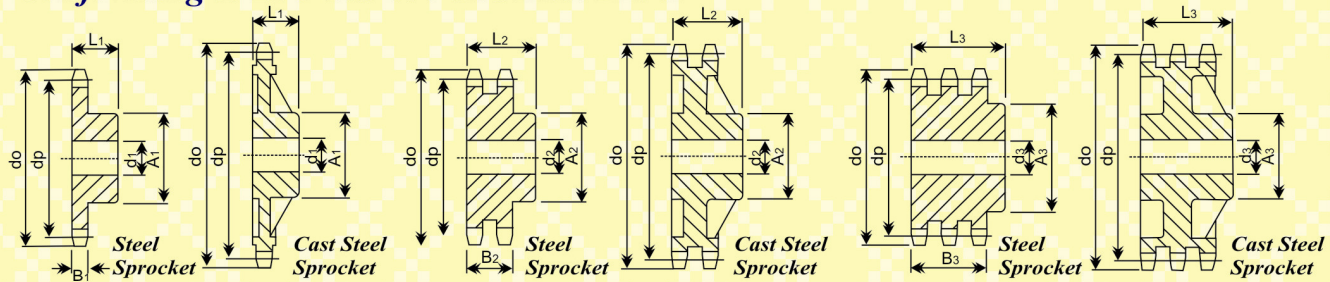


Standard Sprockets for $\frac{3}{4}$ " Pitch Chains Type 12B & ANSI - 60

Conforming to ISO Std 606 and Ansi B29.1



ISO 9001:2008 Certified Company



Simplex Sprockets

Chain No.	12B-1	ANSI-60-1
Pitch	19.5mm	19.05mm
Roller Dia.	12.07mm	11.91mm
Inside Width	11.68mm	12.7mm
Tooth Width B ₁	11.1mm	11.6mm

Duplex Sprockets

Chain No.	12B-2	ANSI-60-2
Pitch	19.05mm	19.05mm
Roller Dia.	12.07mm	11.91mm
Inside Width	11.68mm	12.7mm
Tooth Width B ₂	30.3mm	34.1mm

Triplex Sprockets

Chain No.	12B-3	ANSI-60-3
Pitch	19.05mm	19.05mm
Roller Dia.	12.07mm	11.91mm
Inside Width	11.68mm	12.7mm
Tooth Width B ₃	49.8mm	56.9mm

No. Teeth Z	Pitch Circle Ø dp	Outside Ø do	Simplex Sprocket						Duplex Sprocket						Triplex Sprocket					
			Cat. No.	Min.† Bore d ₁	Mix. Bore d ₁	L.T.B. L ₁	Hub Ø A ₁	App. Weight kg	Cat. No.	Min.† Bore d ₂	Mix. Bore d ₂	L.T.B. L ₂	Hub Ø A ₂	App. Weight kg	Cat. No.	Min.† Bore d ₃	Mix. Bore d ₃	L.T.B. L ₃	Hub Ø A ₃	App. Weight kg
Steel Sprocket																				
8	49.78	57.6	12B1-08	12	20	30	31	.21	12B2-08	12	20	45	31	.31	12B3-08	16	20	65	31	.45
9	55.70	62.0	12B1-09	12	25	30	37	.30	12B2-09	12	25	45	37	.44	12B3-09	16	25	65	37	.64
10	61.64	69.0	12B1-10	12	28	30	42	.38	12B2-10	12	28	45	42	.59	12B3-10	16	28	65	42	.87
11	67.61	75.0	12B1-11	14	31	35	46	.51	12B2-11	16	31	50	47	.77	12B3-11	20	31	70	47	1.10
12	73.61	81.5	12B1-12	14	35	35	52	.65	12B2-12	16	35	50	53	.98	12B3-12	20	35	70	53	1.39
13	79.59	87.5	12B1-13	14	38	35	58	.80	12B2-13	16	39	50	59	1.21	12B3-13	20	39	70	59	1.72
14	85.61	93.6	12B1-14	14	43	35	64	.97	12B2-14	16	43	50	65	1.46	12B3-14	20	43	70	65	2.08
15	91.63	99.8	12B1-15	14	46	35	70	1.16	12B2-15	16	47	50	71	1.74	12B3-15	20	47	70	71	2.47
16	97.65	105.5	12B1-16	16	50	35	75	1.34	12B2-16	20	51	50	77	2.04	12B3-16	20	51	70	77	2.80
17	103.67	111.5	12B1-17	16	54	35	80	1.53	12B2-17	20	56	50	83	2.36	12B3-17	20	56	70	83	3.25
18	109.71	118.0	12B1-18	16	54	35	80	1.61	12B2-18	20	59	50	89	2.70	12B3-18	20	59	70	89	3.74
19	115.75	124.2	12B1-19	16	54	35	80	1.70	12B2-19	20	63	50	95	3.07	12B3-19	20	63	70	95	4.25
20	121.78	129.7	12B1-20	16	54	35	80	1.79	12B2-20	20	67	50	100	3.44	12B3-20	20	67	70	100	4.78
21	127.82	136.0	12B1-21	20	60	40	90	2.34	12B2-21	20	67	50	100	3.70	12B3-21	20	67	70	100	5.20
22	133.86	141.8	12B1-22	20	60	40	90	2.44	12B2-22	20	67	50	100	3.97	12B3-22	20	67	70	100	5.65
23	139.90	149.0	12B1-23	20	60	40	90	2.55	12B2-23	20	74	50	100	4.51	12B3-23	20	74	70	110	6.38
24	145.94	153.9	12B1-24	20	60	40	90	2.66	12B2-24	20	74	50	100	4.81	12B3-24	20	74	70	110	6.87
25	152.00	160.0	12B1-25	20	60	40	90	2.77	12B2-25	20	80	50	100	5.41	12B3-25	20	80	70	120	7.67
26	158.04	165.9	12B1-26	20	63	40	95	3.06	12B2-26	20	80	50	120	5.74	12B3-26	20	80	70	120	8.21
27	164.09	172.3	12B1-27	20	63	40	95	3.19	12B2-27	20	80	50	120	6.08	12B3-27	20	80	70	120	8.77
28	170.13	178.0	12B1-28	20	63	40	95	3.32	12B2-28	20	80	50	120	6.44	12B3-28	20	80	70	120	9.36
29	176.19	184.1	12B1-29	20	63	40	95	3.45	12B2-29	20	80	50	120	6.81	12B3-29	20	80	70	120	9.96
30	182.25	190.5	12B1-30	20	63	40	95	3.59	12B2-30	20	80	50	120	7.19	12B3-30	20	80	70	120	10.6
31	188.31	196.3	12B1-31	20	67	40	100	3.73	12B2-31	20	80	50	*120	7.59	12B3-31	25	87	70	*130	11.6
32	194.35	203.3	12B1-32	20	67	40	100	3.88	12B2-32	20	80	50	*120	8.00	12B3-32	25	87	70	*130	12.3
33	200.40	209.3	12B1-33	20	67	40	100	4.04	12B2-33	20	80	50	*120	8.42	12B3-33	25	87	70	*130	13.0
34	206.46	214.6	12B1-34	20	67	40	100	4.20	12B2-34	20	80	50	*120	8.86	12B3-34	25	87	70	*130	13.7
35	212.52	221.0	12B1-35	20	67	40	100	4.36	12B2-35	20	80	50	*120	9.32	12B3-35	25	87	70	*130	14.4
36	218.58	226.8	12B1-36	25	67	40	100	4.65	12B2-36	25	80	50	*120	9.7	12B3-36	25	87	70	*130	15.2
37	224.64	232.9	12B1-37	25	67	40	100	4.82	12B2-37	25	80	50	*120	10.2	12B3-37	25	87	70	*130	16.0
38	230.69	239.0	12B1-38	25	67	40	100	5.00	12B2-38	25	80	50	*120	10.7	12B3-38	25	87	70	*130	16.8
39	236.75	245.1	12B1-39	25	67	40	100	5.19	12B2-39	25	80	50	*120	11.2	12B3-39	25	87	70	*130	17.6
40	242.81	251.3	12B1-40	25	67	40	100	5.37	12B2-40	25	80	50	*120	11.8	12B3-40	25	87	70	*130	18.5
42	254.92	264.5	12B1-42	25	74	56	*110	7.42	12B2-42	25	94	63	*140	15.1	12B3-42	25	94	70	*140	20.7
45	273.09	282.5	12B1-45	25	74	56	*110	8.06	12B2-45	25	94	63	*140	16.9	12B3-45	25	94	70	*140	23.6
48	291.27	300.1	12B1-48	25	74	56	*110	8.72	12B2-48	25	94	63	*140	18.7	12B3-48	25	94	70	*140	26.6
50	303.39	312.3	12B1-50	25	74	56	*110	9.21	12B2-50	25	94	63	*140	20.0	12B3-50	25	94	70	*140	28.8
57	345.81	355.4	12B1-57	25	74	56	*110	11.10	12B2-57	25	94	63	*140	25.2	12B3-57	25	94	70	*140	37.0
60	363.99	373.0	12B1-60	25	74	56	*110	11.94	12B2-60	25	94	63	*140	27.5	12B3-60	25	94	70	*140	40.8
Cast Steel Sprocket																				
57	345.81	354.0	12B1-57	29	60	56	100	6.7	12B2-57	29	72	63	120	12.0	12B3-57	39	84	70	140	16.5
76	460.98	469.9	12B1-76	29	60	56	100	10.3	12B2-76	29	80	63	135	17.0	12B3-76	39	96	75	160	24.0
95	576.17	585.1	12B1-95	29	60	56	100	14.2	12B2-95	29	80	70	135	21.0	12B3-95	39	102	82	170	32.0
114	691.36	700.6	12B1-114	29	60	56	100	23.3	12B2-114	44	80	70	135	30.5	12B3-114	49	102	82	170	46.0

All dimensions in mm.

Steel Sprocket 8 to 30 tooth minimum U.T.S. 600N/mm² - Above 30T - 410N/mm²

Sprockets can be reworked to customers bore and keyway requirements, can be supplied with teeth hardened to 45Rc.

*Sprockets with an asterisk on hub Ø may be of fabricated construction.

†Min. toleranced bore which can be machined in sprocket.