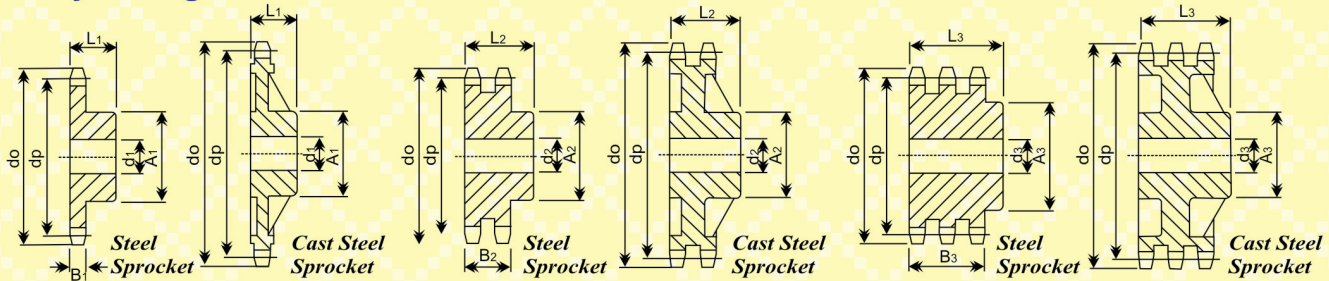


Standard Sprockets for 1" Pitch Chains Type 16B & ANSI - 80

Conforming to ISO Std 606 and Ansi B29.1



ISO 9001:2008 Certified Company



Simplex Sprockets

Chain No.	16B-1	ANSI-80-1
Pitch	25.4mm	25.4mm
Roller Dia.	15.88mm	15.88mm
Inside Width	17.02mm	15.88mm
Tooth Width B ₁	16.2mm	14.6mm

Duplex Sprockets

Chain No.	16B-2	ANSI-80-2
Pitch	25.4mm	25.4mm
Roller Dia.	15.88mm	15.88mm
Inside Width	17.02mm	15.88mm
Tooth Width B ₂	47.7mm	43.4mm

Triplex Sprockets

Chain No.	16B-3	ANSI-80-3
Pitch	25.4mm	25.4mm
Roller Dia.	15.88mm	15.88mm
Inside Width	17.02mm	15.88mm
Tooth Width B ₃	76.6mm	72.7mm

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	66.37	77.0	16B1-08	16	28	35	42	.47	16B2-08	16	28	65	42	.81	16B3-08	20	28	95	42	1.18
9	74.27	85.0	16B1-09	16	34	35	50	.65	16B2-09	16	34	65	50	1.15	16B3-09	20	34	95	50	1.68
10	82.19	93.0	16B1-10	16	36	35	55	.82	16B2-10	16	37	65	56	1.52	16B3-10	20	37	95	56	2.23
11	90.14	99.5	16B1-11	16	40	40	61	1.06	16B2-11	20	43	70	64	2.08	16B3-11	25	43	100	64	2.85
12	98.14	109.0	16B1-12	16	46	40	69	1.34	16B2-12	20	47	70	72	2.60	16B3-12	25	47	100	72	3.61
13	106.12	117.0	16B1-13	16	52	40	78	1.68	16B2-13	20	54	70	80	3.19	16B3-13	25	54	100	80	4.45
14	114.15	125.0	16B1-14	16	56	40	84	2.03	16B2-14	20	58	70	88	3.83	16B3-14	25	58	100	88	5.36
15	122.17	133.0	16B1-15	16	61	40	92	2.41	16B2-15	20	64	70	96	4.52	16B3-15	25	64	100	96	6.36
16	130.20	141.0	16B1-16	20	67	45	100	3.12	16B2-16	25	69	70	104	5.17	16B3-16	30	69	100	104	7.27
17	138.22	149.0	16B1-17	20	67	45	100	3.31	16B2-17	25	75	70	112	5.98	16B3-17	30	75	100	112	8.43
18	146.28	157.0	16B1-18	20	67	45	100	3.52	16B2-18	25	80	70	120	6.84	16B3-18	30	80	100	120	9.67
19	154.33	165.2	16B1-19	20	67	45	100	3.74	16B2-19	25	85	70	128	7.76	16B3-19	30	85	100	128	11.0
20	162.38	173.2	16B1-20	20	67	45	100	3.97	16B2-20	25	87	70	130	8.52	16B3-20	30	87	100	130	12.2
21	170.43	181.2	16B1-21	20	74	50	110	4.89	16B2-21	25	87	70	*130	9.2	16B3-21	30	87	100	*130	13.4
22	178.48	189.3	16B1-22	20	74	50	110	5.14	16B2-22	25	87	70	*130	10.0	16B3-22	30	87	100	*130	14.7
23	186.53	197.5	16B1-23	20	74	50	110	5.41	16B2-23	25	87	70	*130	10.8	16B3-23	30	87	100	*130	16.0
24	194.59	205.5	16B1-24	20	74	50	110	5.69	16B2-24	25	87	70	*130	11.7	16B3-24	30	87	100	*130	17.4
25	202.66	213.5	16B1-25	20	74	50	110	5.99	16B2-25	25	87	70	*130	12.5	16B3-25	30	87	100	*130	18.8
26	210.72	221.6	16B1-26	20	80	50	120	6.78	16B2-26	25	87	70	*130	13.5	16B3-26	30	87	100	*130	20.4
27	218.79	229.6	16B1-27	20	80	50	120	7.10	16B2-27	25	87	70	*130	14.4	16B3-27	30	87	100	*130	21.9
28	226.85	237.7	16B1-28	20	80	50	120	7.43	16B2-28	25	87	70	*130	15.4	16B3-28	30	87	100	*130	23.6
29	234.92	245.8	16B1-29	20	80	50	120	7.78	16B2-29	25	87	70	*130	16.4	16B3-29	30	87	100	*130	25.3
30	243.00	254.0	16B1-30	20	80	50	120	8.13	16B2-30	25	87	70	*130	17.5	16B3-30	30	87	100	*130	27.1
31	251.08	262.0	16B1-31	25	80	50	*120	8.50	16B2-31	25	94	70	*140	19.0	16B3-31	30	94	100	*140	29.3
32	259.13	270.0	16B1-32	25	80	50	*120	8.88	16B2-32	25	94	70	*140	20.1	16B3-32	30	94	100	*140	31.2
33	267.21	278.5	16B1-33	25	80	50	*120	9.28	16B2-33	25	94	70	*140	21.3	16B3-33	30	94	100	*140	33.1
34	275.28	287.0	16B1-34	25	80	50	*120	9.68	16B2-34	25	94	70	*140	22.5	16B3-34	30	94	100	*140	35.2
35	283.36	296.2	16B1-35	25	80	50	*120	10.10	16B2-35	25	94	70	*140	23.8	16B3-35	30	94	100	*140	37.3
36	291.44	304.6	16B1-36	25	80	50	*120	10.5	16B2-36	25	94	70	*140	25.1	16B3-36	30	94	100	*140	39.4
37	299.51	312.6	16B1-37	25	80	50	*120	11.0	16B2-37	25	94	70	*140	26.4	16B3-37	30	94	100	*140	41.6
38	307.59	320.7	16B1-38	25	80	50	*120	11.5	16B2-38	25	94	70	*140	27.8	16B3-38	30	94	100	*140	43.9
39	315.67	328.8	16B1-39	25	80	50	*120	11.9	16B2-39	25	94	70	*140	29.2	16B3-39	30	94	100	*140	46.3
40	323.75	336.9	16B1-40	25	80	50	*120	12.4	16B2-40	25	94	70	*140	30.7	16B3-40	30	94	100	*140	48.7
42	339.89	353.0	16B1-42	25	94	70	*125	17.4	16B2-42	25	100	80	*150	35.6	16B3-42	30	107	100	*160	54.7
45	364.12	377.1	16B1-45	25	94	70	*125	19.0	16B2-45	25	100	80	*150	40.4	16B3-45	30	107	100	*160	62.7
48	388.36	401.3	16B1-48	25	94	70	*125	20.8	16B2-48	30	100	80	*150	45.5	16B3-48	30	107	100	*160	71.3
50	404.52	417.4	16B1-50	25	94	70	*125	22.0	16B2-50	30	100	80	*150	49.1	16B3-50	30	107	100	*160	77.3
57	461.08	474.0	16B1-57	25	94	70	*125	26.7	16B2-57	30	107	90	*160	65.2	16B3-57	40	120	110	*180	102.9
60	485.33	498.3	16B1-60	25	94	80	*140	30.1	16B2-60	40	107	90	*160	71.4	16B3-60	40	120	110	*180	113.8
Cast Steel Sprocket																				
57	461.08	474.0	16B1-57	34	75	70	125	13.0	16B2-57	39	96	90	160	20.8	16B3-57	44	100	100	165	42.0
76	614.64	627.0	16B1-76	34	84	80	140	25.3	16B2-76	39	105	95	175	44.0	16B3-76	44	120	110	200	63.0
95	768.22	781.0	16B1-95	39	84	80	140	36.0	16B2-95	44	105	95	175	56.0	16B3-95	49	120	110	200	88.0
114	921.81	934.0	16B1-114	39	90	80	150	46.5	16B2-114	44	105	95	175	61.0	16B3-114	49	120	115	200	90.0

All dimensions in mm.

Steel Sprocket 8 to 21 tooth minimum U.T.S. 600N/mm²-Above 21T - 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.