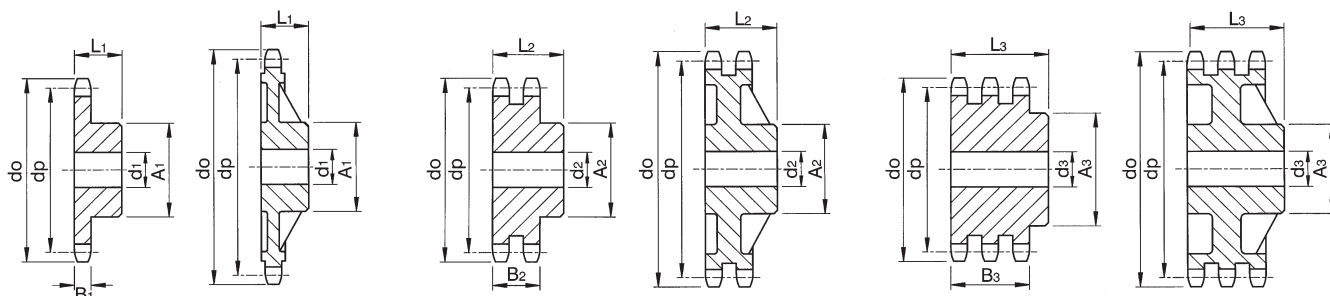


Standard Sprockets for 1" Pitch British Standard Chains Type 16B

Conforming to ISO Std 606



Steel Pinion Cast Iron Wheel Steel Pinion Cast Iron Wheel Steel Pinion Cast Iron Wheel

Simplex Sprockets

Chain No. 16B-1
Pitch 25.4mm
Roller Dia. 15.88mm
Inside Width 17.02mm
Overall Width 38.7mm
Tooth Width B₁ 16.2mm

Duplex Sprockets

Chain No. 16B-2
Pitch 25.4mm
Roller Dia. 15.88mm
Inside Width 17.02mm
Overall Width 70.7mm
Tooth Width B₂ 47.7mm

Triplex Sprockets

Chain No. 16B-3
Pitch 25.4mm
Roller Dia. 15.88mm
Inside Width 17.02mm
Overall Width 102.5mm
Tooth Width B₃ 79.6mm

No. Teeth Z	Pitch Circle Ø dp	Outside Ø do	Simplex Sprocket						Duplex Sprocket						Triplex Sprocket					
			Cat. No.	Min.† Bore d ₁	Max. Bore d ₁	L.T.B. L ₁	Hub Ø A ₁	App. Weight kg	Cat. No.	Min.† Bore d ₂	Max. Bore d ₂	L.T.B. L ₂	Hub Ø A ₂	App. Weight kg	Cat. No.	Min.† Bore d ₃	Max. Bore d ₃	L.T.B. L ₃	Hub Ø A ₃	App. Weight kg
Steel Pinions																				
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	30	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	30	94	80	*140	30.1	16B2-60	40	107	90	*160	71.4	16B3-60	40	120	110	*180	113.8
Cast Iron Wheels																				
57	461.08	474.0	16B1-57	34	75	70	125	13.0	16B2-57	39	96	90	160	20.5	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.

Sprockets with 8 to 40 teeth manufactured in steel with min. U.T.S. 490 N/mm².

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

Stock Sprockets can be reworked to customers bore and keyway requirements, on 48 hour service.

Steel pinions, other than fabricated types, can be supplied with teeth induction hardened to 45Rc.

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