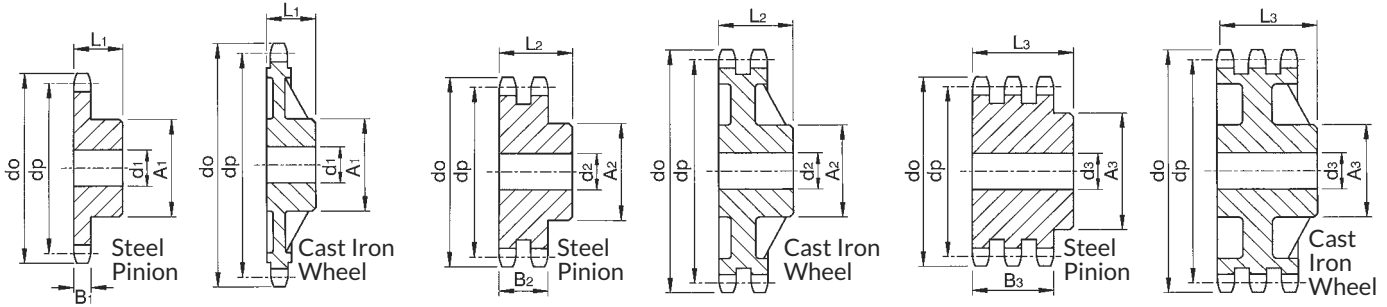


Standard Sprockets for 2" Pitch British Standard Chains Type 32B

Conforming to ISO Std 606



Simplex Sprockets

Chain No. 32B-1

Pitch 50.8mm
Roller Dia. 29.21mm
Inside Width 30.99mm
Overall Width 68.6mm
Tooth Width B₁ 29.4mm

Duplex Sprockets

Chain No. 32B-2

Pitch 50.8mm
Roller Dia. 29.21mm
Inside Width 30.99mm
Overall Width 126.8mm
Tooth Width B₂ 87.4mm

Triplex Sprockets

Chain No. 32B-3

Pitch 50.8mm
Roller Dia. 29.21mm
Inside Width 30.99mm
Overall Width 185.0mm
Tooth Width B₃ 146.0mm

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
8	132.75	153.2	32B1-08	25	55	80	82	4.6	32B2-08	30	55	120	82	7.0	32B3-08	30	55	180	82	10.3
9	148.53	169.0	32B1-09	25	58	80	88	5.6	32B2-09	30	58	120	88	9.1	32B3-09	30	58	180	88	13.6
10	164.39	185.0	32B1-10	25	69	80	104	7.4	32B2-10	30	69	120	104	12.0	32B3-10	30	69	180	104	17.9
11	180.31	200.8	32B1-11	30	80	80	120	9.3	32B2-11	30	80	120	120	15.2	32B3-11	30	80	180	120	22.7
12	196.28	216.8	32B1-12	30	90	80	133*	11.4	32B2-12	30	90	120	133*	18.6	32B3-12	30	90	180	133*	28.0
13	212.27	232.8	32B1-13	30	97	80	145*	13.5	32B2-13	30	97	120	145*	22.4	32B3-13	30	97	180	145*	33.7
14	228.29	248.8	32B1-14	30	107	80	160*	16.2	32B2-14	30	107	120	160*	26.6	32B3-14	30	107	180	160*	40.2
15	244.33	264.8	32B1-15	30	107	80	160*	17.5	32B2-15	30	107	120	160*	30.2	32B3-15	30	107	180	160*	46.2
16	260.39	280.9	32B1-16	30	107	90	160*	20.4	32B2-16	30	107	120	160*	34.2	32B3-16	30	107	180	160*	52.6
17	276.46	296.9	32B1-17	30	114	90	170*	23.1	32B2-17	30	120	120	180*	39.7	32B3-17	30	120	180	180*	61.0
18	292.55	313.0	32B1-18	30	114	90	170*	24.7	32B2-18	30	120	120	180*	44.2	32B3-18	30	120	180	180*	68.4
19	308.64	329.1	32B1-19	30	114	90	170*	26.4	32B2-19	30	134	120	200*	50.5	32B3-19	30	134	180	200*	77.8
20	324.74	345.2	32B1-20	30	120	90	180*	29.5	32B2-20	30	134	120	200*	55.5	32B3-20	30	134	180	200*	86.2
21	340.84	361.3	32B1-21	30	120	90	180*	31.4	32B2-21	30	134	120	200*	60.9	32B3-21	40	134	180	200*	95.0
22	356.96	377.5	32B1-22	30	120	90	180*	33.4	32B2-22	30	134	120	200*	66.5	32B3-22	40	134	180	200*	104
23	373.07	393.6	32B1-23	30	120	90	180*	35.4	32B2-23	30	134	120	200*	72.4	32B3-23	40	134	180	200*	114
24	389.19	409.7	32B1-24	30	120	90	180*	37.6	32B2-24	30	134	120	200*	78.5	32B3-24	40	134	180	200*	124
25	405.32	425.8	32B1-25	30	120	90	180*	39.8	32B2-25	30	134	120	200*	85.0	32B3-25	40	134	180	200*	135
26	421.45	441.9	32B1-26	30	120	90	180*	42.2	32B2-26	30	134	120	200*	91.7	32B3-26	40	134	180	200*	146
27	437.58	458.1	32B1-27	30	120	90	180*	44.6	32B2-27	30	134	120	200*	98.8	32B3-27	40	134	180	200*	158
28	453.72	474.2	32B1-28	30	120	90	180*	47.2	32B2-28	30	134	120	200*	106	32B3-28	40	134	180	200*	170
29	469.85	492.0	32B1-29	30	120	90	180*	50.1												
30	485.99	506.5	32B1-30	30	120	90	180*	52.5	32B2-30	30	134	120	200*	121	32B3-30	40	134	180	200*	196
32	518.28	538.0	32B1-32	30	120	90	180*	58.1												
35	566.72	589.5	32B1-35	30	120	90	180*	68.1												
38	615.17	635.5	32B1-38	30	120	90	180*	77.8												
40	647.47	670.3	32B1-40	30	120	90	180*	85.6												
45	728.25	751.0	32B1-45	40	146	123	218*	120	32B2-45	40	147	148	220*	284	32B3-45	40	147	207	220*	458
50	809.04	831.8	32B1-50	40	146	123	218*	142	32B2-50	40	147	148	220*	349	32B3-50	40	147	207	220*	566
57	922.16	945.0	32B1-57	40	146	123	218*	178	32B2-57	40	147	148	220*	451	32B3-57	40	147	207	220*	737
60	970.65	993.4	32B1-60	40	146	123	218*	194												
76	1229.28	1252.0	32B1-76	40	146	123	218*	296	32B2-76	40	147	148	220*	799	32B3-76	40	160	216	238*	1323

Pinions 8 to 11 teeth in Steel with min. U.T.S. 600N/mm², which can be supplied with induction hardened teeth to 45Rc. Pinions above 11 teeth are in Steel with min 410N/mm²
All Standard Stock Sprockets can be reworked to customers required bore, keyway, and setscrew requirements, on a 48 hour service.

All dimensions in mm.

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

* Sprockets with an asterisk on the hub diameter may be fabricated construction.