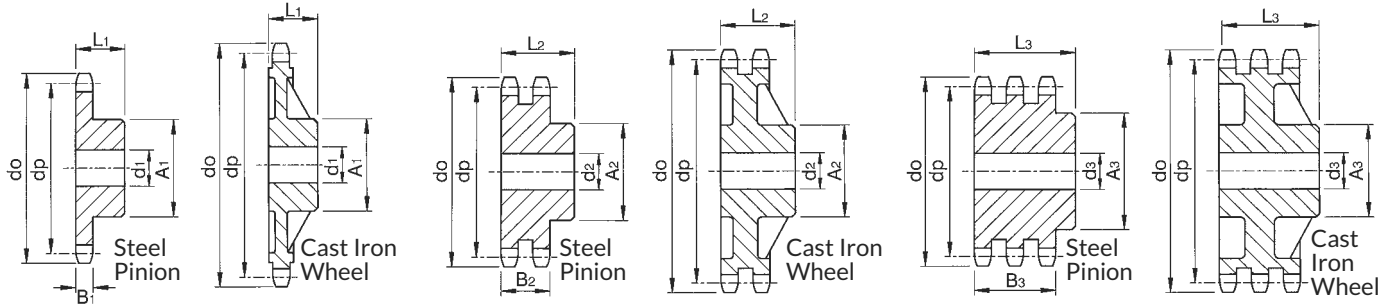


Standard Sprockets for 1³/₄" Pitch British Standard Chains Type 28B

Conforming to ISO Std 606



Simplex Sprockets

Chain No. 28B-1

Pitch 44.45mm
Roller Dia. 27.94mm
Inside Width 30.99mm
Overall Width 71.3mm
Tooth Width B₁ 29.4mm

Duplex Sprockets

Chain No. 28B-2

Pitch 44.45mm
Roller Dia. 127.94mm
Inside Width 30.99mm
Overall Width 130.3mm
Tooth Width B₂ 88.4mm

Triplex Sprockets

Chain No. 28B-3

Pitch 44.45mm
Roller Dia. 27.94mm
Inside Width 30.99mm
Overall Width 189.9mm
Tooth Width B₃ 148.0mm

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	116.15	132.0	28B1-08	25	48	70	74	2.9	28B2-08	25	48	120	74	4.8	28B3-08	30	48	180	74	6.8
9	129.96	148.4	28B1-09	25	59	70	88	4.1	28B2-09	25	59	120	88	6.9	28B3-09	30	59	180	88	9.9
10	143.84	162.3	28B1-10	25	67	70	100	5.3	28B2-10	25	67	120	100	9.0	28B3-10	30	67	180	100	13.1
11	157.77	176.3	28B1-11	25	75	70	112	6.6	28B2-11	25	75	120	112	11.4	28B3-11	30	75	180	112	16.7
12	171.74	189.3	28B1-12	25	83	70	125	8.1	28B2-12	25	83	120	125	14.0	28B3-12	30	83	180	125	20.6
13	185.74	204.2	28B1-13	25	87	70	130*	9.3	28B2-13	25	87	120	130*	16.7	28B3-13	30	87	180	130*	24.8
14	199.76	218.2	28B1-14	25	87	70	130*	10.2	28B2-14	25	87	120	130*	19.2	28B3-14	30	87	180	130*	29.0
15	213.79	232.3	28B1-15	25	95	70	145*	12.2	28B2-15	30	95	120	145*	22.6	28B3-15	30	95	180	145*	34.4
16	227.84	246.3	28B1-16	30	107	75	160*	15.1	28B2-16	30	107	120	160*	26.5	28B3-16	30	107	180	160*	40.2
17	241.91	260.0	28B1-17	30	107	75	160*	16.1	28B2-17	30	107	120	160*	29.6	28B3-17	30	107	180	160*	45.4
18	255.98	274.0	28B1-18	30	107	75	160*	17.3	28B2-18	30	107	120	160*	33.0	28B3-18	30	107	180	160*	51.0
19	270.06	289.0	28B1-19	30	107	75	160*	18.7	28B2-19	30	120	120	180*	38.1	28B3-19	30	120	180	180*	58.7
20	284.14	303.0	28B1-20	30	107	75	160*	20.0	28B2-20	30	120	120	180*	42.0	28B3-20	30	120	180	180*	65.0
21	298.24	317.0	28B1-21	30	114	75	170*	22.4	28B2-21	30	120	120	180*	46.0	28B3-21	30	120	180	180*	71.8
22	312.34	331.0	28B1-22	30	114	75	170*	23.8	28B2-22	30	120	120	180*	50.3	28B3-22	30	120	180	180*	78.9
23	326.44	345.0	28B1-23	30	114	75	170*	25.4	28B2-23	30	120	120	180*	54.8	28B3-23	30	120	180	180*	86.3
24	340.54	359.0	28B1-24	30	114	75	170*	27.0	28B2-24	30	120	120	180*	59.5	28B3-24	30	120	180	180*	94.1
25	354.65	373.0	28B1-25	30	114	75	170*	28.7	28B2-25	30	120	120	180*	64.4	28B3-25	40	120	180	180*	102
26	368.77	387.0	28B1-26	30	114	75	170*	30.4	28B2-26	30	120	120	180*	69.5	28B3-26	40	120	180	180*	110
27	382.88	401.0	28B1-27	30	114	75	170*	32.3	28B2-27	30	120	120	180*	74.9	28B3-27	40	120	180	180*	119
28	397.00	416.0	28B1-28	30	114	75	170*	34.3	28B2-28	30	120	120	180*	80.7	28B3-28	40	120	180	180*	129
29	411.12	430.0	28B1-29	30	114	75	170*	36.3	28B2-29	30	120	120	180*	86.5	28B3-29	40	120	180	180*	138
30	425.24	444.0	28B1-30	30	114	75	170*	38.3	28B2-30	30	120	120	180*	92.5	28B3-30	40	120	180	180*	148
31	439.37	458.0	28B1-31	30	120	75	180*	41.5	28B2-31	30	135	120	200*	100	28B3-31	40	135	180	200*	160
32	453.49	472.0	28B1-32	30	120	75	180*	43.6	28B2-32	30	135	120	200*	107	28B3-32	40	135	180	200*	171
33	467.62	486.0	28B1-33	30	120	75	180*	45.9	28B2-33	30	135	120	200*	113	28B3-33	40	135	180	200*	182
34	481.75	500.0	28B1-34	30	120	75	180*	48.2	28B2-34	30	135	120	200*	120	28B3-34	40	135	180	200*	193
35	495.88	514.0	28B1-35	30	120	75	180*	50.6	28B2-35	30	135	120	200*	127	28B3-35	40	135	180	200*	205
36	510.01	529.0	28B1-36	30	120	75	180*	53.3	28B2-36	30	135	120	200*	135	28B3-36	40	135	180	200*	218
37	524.14	543.0	28B1-37	30	120	75	180*	55.9	28B2-37	30	135	120	200*	142	28B3-37	40	135	180	200*	230
38	538.27	557.0	28B1-38	30	120	75	180*	58.5	28B2-38	30	135	120	200*	150	28B3-38	40	135	180	200*	243
39	552.40	571.0	28B1-39	30	120	75	180*	61.2	28B2-39	30	135	120	200*	158	28B3-39	40	135	180	200*	257
40	566.54	585.0	28B1-40	30	120	75	180*	63.9	28B2-40	30	135	120	200*	166	28B3-40	40	135	180	200*	270
45	637.22	656.0	28B1-45	30	120	75	180*	79.1	28B2-45	40	135	150	200*	217	28B3-45	40	135	209	200*	351
50	707.91	726.0	28B1-50	30	120	75	180*	95.7	28B2-50	40	135	150	200*	267						
57	806.89	825.0	28B1-57	40	120	123	180*	131	28B2-57	40	135	150	200*	346	28B3-57	40	135	209	200*	566
60	849.32	869.0	28B1-60	40	120	123	180*	144												
76	1075.62	1095.0	28B1-76	40	120	123	180*	222	28B2-76	40	135	150	200*	615	28B3-76	40	160	217	238*	1024

Pinions 8 to 12 teeth in Steel with min. U.T.S. 600N/mm², which can be supplied with induction hardened teeth to 45Rc. Pinions above 12 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.