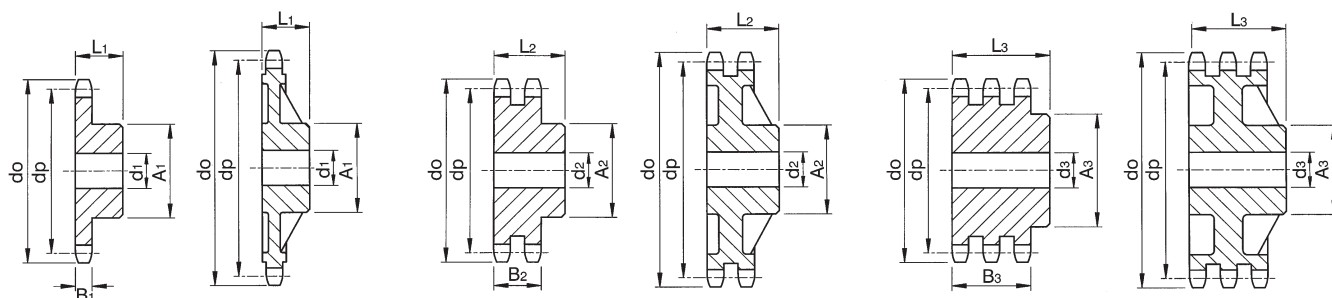


Standard Sprockets for 1³/₄" Pitch British Standard Chains Type 28B

Conforming to ISO Std 606



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

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 148.0mm

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	2.8	28B2-08	30	48	120	74	4.7	28B3-08	30	48	180	74	7.0
9	129.96	148.4	28B1-09	25	59	70	88	3.9	28B2-09	30	59	120	88	6.6	28B3-09	30	59	180	88	9.8
10	143.85	162.3	28B1-10	25	67	70	100	5.1	28B2-10	30	67	120	100	8.7	28B3-10	30	67	180	100	13.0
11	157.77	176.3	28B1-11	25	75	70	112	6.4	28B2-11	30	75	120	112	11.1	28B3-11	30	75	180	120	16.6
12	171.74	189.5	28B1-12	25	83	70	125	7.9	28B2-12	30	83	120	125	13.8	28B3-12	30	83	180	125	20.7
13	185.75	204.2	28B1-13	25	83	70	*125	9.1	28B2-13	30	83	120	*125	16.4	28B3-13	30	83	180	*125	24.8
14	199.76	218.2	28B1-14	25	87	70	*130	10.3	28B2-14	30	87	120	*130	19.2	28B3-14	30	87	180	*130	29.2
15	213.79	232.2	28B1-15	25	95	70	*145	11.9	28B2-15	30	95	120	*145	22.5	28B3-15	30	95	180	*145	34.4
16	227.84	246.3	28B1-16	30	107	75	*160	14.9	28B2-16	30	107	120	*160	26.3	28B3-16	30	107	180	*160	40.2
17	241.91	260.0	28B1-17	30	107	75	*160	16.0	28B2-17	30	107	120	*160	29.5	28B3-17	30	107	180	*160	45.5
18	255.98	274.0	28B1-18	30	107	75	*160	17.1	28B2-18	30	107	120	*160	32.9	28B3-18	30	107	180	*160	51.1
19	270.06	289.0	28B1-19	30	107	75	*160	18.3	28B2-19	30	120	120	*180	37.9	28B3-19	30	120	180	*180	58.5
20	284.15	303.0	28B1-20	30	107	75	*160	19.6	28B2-20	30	120	120	*180	41.7	28B3-20	30	120	180	*180	64.9
21	298.24	317.0	28B1-21	30	114	75	*170	21.8	28B2-21	30	120	120	*180	45.7	28B3-21	40	120	180	*180	70.8
22	312.34	331.0	28B1-22	30	114	75	*170	23.2	28B2-22	30	120	120	*180	50.0	28B3-22	40	120	180	*180	77.9
23	326.44	345.0	28B1-23	30	114	75	*170	24.7	28B2-23	30	120	120	*180	54.5	28B3-23	40	120	180	*180	85.4
24	340.55	359.0	28B1-24	30	114	75	*170	26.2	28B2-24	30	120	120	*180	59.2	28B3-24	40	120	180	*180	93.2
25	354.66	373.0	28B1-25	30	114	75	*170	27.9	28B2-25	30	120	120	*180	64.0	28B3-25	40	120	180	*180	
26	368.77	387.0	28B1-26	30	114	75	*170	29.6	28B2-26	40	120	120	*180	69.2	28B3-26	40	120	180	*180	109.9
27	382.88	401.4	28B1-27	30	114	75	*170	31.3	28B2-27	40	120	120	*180	74.5	28B3-27	40	120	180	*180	118.8
28	397.00	416.0	28B1-28	30	114	75	*170	33.2	28B2-28	40	120	120	*180	80.0	28B3-28	40	120	180	*180	128.1
29	411.12	430.0	28B1-29	30	114	75	*170	35.0	28B2-29	40	120	120	*180	85.8						
30	425.24	444.0	28B1-30	30	114	75	*170	37.0	28B2-30	40	120	120	*180	91.3	28B3-30	40	120	180	*180	148.0
31	439.37	458.0	28B1-31	30	120	75	*180	40.1												
32	453.49	472.0	28B1-32	30	120	75	*180	42.2												
33	467.62	486.0	28B1-33	30	120	75	*180	44.4												
34	481.75	500.0	28B1-34	30	120	75	*180	46.6												
35	495.88	514.0	28B1-35	30	120	75	*180	48.9	28B2-35	40	134	120	*200	126.0	28B3-35	40	134	180	*200	205.0
36	510.01	529.0	28B1-36	30	120	75	*180	51.3												
37	524.14	543.0	28B1-37	30	120	75	*180	53.8												
38	538.27	557.0	28B1-38	30	120	75	*180	56.3	28B2-38	40	134	120	*200	148.5	28B3-38	40	134	180	*200	242.0
39	552.40	571.0	28B1-39	30	120	75	*180	58.9												
40	566.54	585.0	28B1-40	30	120	75	*180	61.6	28B2-40	40	134	120	*200	164.5	28B3-40	40	134	180	*200	270.0
45	637.22	656.0	28B1-45	30	120	90	*180	82.0	28B2-45	40	135	120	*200	210.0	28B3-45	40	135	180	*200	344.0
50	707.91	726.0	28B1-50	40	120	90	*180	98.0	28B2-50	40	135	120	*200	259.0	28B3-50	40	135	180	*200	427.0
57	806.89	825.0	28B1-57	40	125	100	*200	130.0	28B2-57	40	145	120	*220	340.0	28B3-57	40	145	180	*220	560.0

All dimensions in mm.

Sprockets manufactured in steel with min. U.T.S. 490 N/mm².

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

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

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

TEL +44 121 360 0155

FAX +44 121 325 1079

Email sales@crossmorse.com