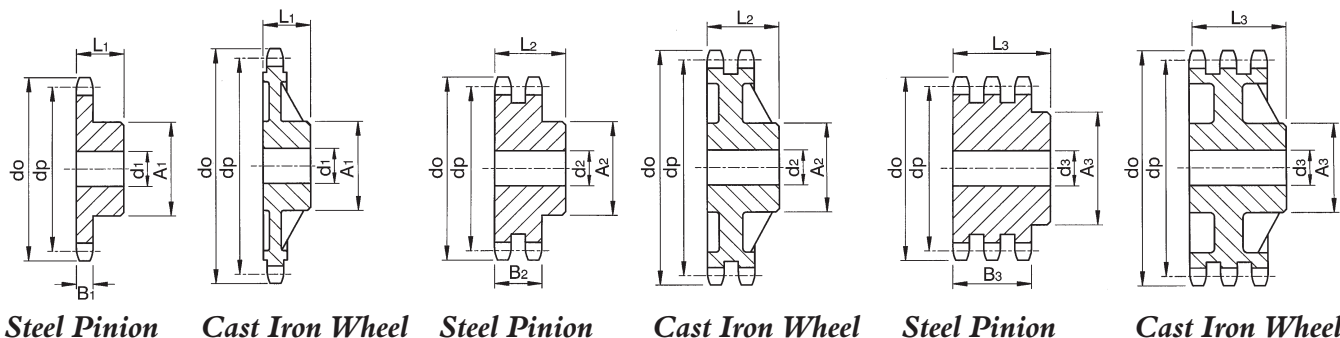


Standard Sprockets for 1/2" Pitch British Standard Chains Type 08B

Conforming to ISO Std 606



Simplex Sprockets

Chain No. 08B-1

Pitch	12.7mm
Roller Dia.	8.51mm
Inside Width	7.75mm
Overall Width	18.3mm
Tooth Width B ₁	7.2mm

Duplex Sprockets

Chain No. 08B-2

Pitch	12.7mm
Roller Dia.	8.51mm
Inside Width	7.75mm
Overall Width	32.1mm
Tooth Width B ₂	21.0mm

Triplex Sprockets

Chain No. 08B-3

Pitch	12.7mm
Roller Dia.	8.51mm
Inside Width	7.75mm
Overall Width	46.1mm
Tooth Width B ₃	34.9mm

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	33.18	37.2	08B1-08	10	13	25	20	.07	08B2-08	10	13	32	20	.10	08B3-08	10	13	46	20	.14
9	37.13	41.0	08B1-09	10	15	25	24	.10	08B2-09	10	15	32	24	.13	08B3-09	12	15	46	24	.18
10	41.10	45.2	08B1-10	10	17	25	26	.12	08B2-10	10	19	32	28	.18	08B3-10	12	19	46	28	.25
11	45.07	48.7	08B1-11	10	20	25	29	.15	08B2-11	12	21	35	32	.24	08B3-11	16	21	50	32	.31
12	49.07	53.0	08B1-12	10	22	28	33	.21	08B2-12	12	24	35	35	.30	08B3-12	16	24	50	35	.39
13	53.06	57.4	08B1-13	10	25	28	37	.26	08B2-13	12	26	35	38	.36	08B3-13	16	26	50	38	.49
14	57.07	61.8	08B1-14	10	27	28	41	.32	08B2-14	12	28	35	42	.44	08B3-14	16	28	50	42	.60
15	61.09	65.5	08B1-15	10	30	28	45	.39	08B2-15	12	31	35	46	.52	08B3-15	16	31	50	46	.72
16	65.10	69.5	08B1-16	12	34	28	50	.46	08B2-16	14	34	38	50	.63	08B3-16	16	34	50	50	.85
17	69.11	73.6	08B1-17	12	35	28	52	.51	08B1-17	14	36	38	54	.74	08B3-17	16	36	50	54	.99
18	73.14	77.8	08B1-18	12	37	28	56	.59	08B2-18	14	38	38	58	.85	08B3-18	16	38	50	58	1.14
19	77.16	81.7	08B1-19	12	40	28	60	.67	08B2-19	14	41	38	62	.97	08B3-19	16	41	50	62	1.30
20	81.19	85.8	08B1-20	12	43	28	64	.76	08B2-20	14	44	38	66	1.10	08B3-20	16	44	50	66	1.47
21	85.22	89.7	08B1-21	14	45	28	68	.84	08B2-21	16	46	40	70	1.29	08B3-21	20	46	55	70	1.75
22	89.24	93.8	08B1-22	14	46	28	70	.91	08B2-22	16	46	40	70	1.38	08B3-22	20	46	55	70	1.88
23	93.27	98.2	08B1-23	14	46	28	70	.94	08B2-23	16	46	40	70	1.46	08B3-23	20	46	55	70	2.03
24	97.29	101.8	08B1-24	14	46	28	70	.97	08B2-24	16	50	40	75	1.64	08B3-24	20	50	55	75	2.27
25	101.33	105.8	08B1-25	14	46	28	70	1.00	08B2-25	16	54	40	80	1.83	08B3-25	20	54	55	80	2.52
26	105.36	110.0	08B1-26	16	46	30	70	1.09	08B2-26	20	57	40	85	1.99	08B3-26	20	57	55	85	2.79
27	109.40	114.0	08B1-27	16	46	30	70	1.12	08B2-27	20	57	40	85	2.09	08B3-27	20	57	55	85	2.96
28	113.42	118.0	08B1-28	16	46	30	70	1.16	08B2-28	20	60	40	90	2.30	08B3-28	20	60	55	90	3.25
29	117.46	122.0	08B1-29	16	54	30	80	1.41	08B2-29	20	63	40	95	2.52	08B3-29	20	63	55	95	3.55
30	121.50	126.1	08B1-30	16	54	30	80	1.45	08B2-30	20	67	40	100	2.76	08B3-30	20	67	55	100	3.87
31	125.54	130.2	08B1-31	16	60	30	90	1.74	08B2-31	20	67	40	100	2.88	08B3-31	20	74	55	110	4.33
32	129.56	134.3	08B1-32	16	60	30	90	1.78	08B2-32	20	67	40	100	3.00	08B3-32	20	74	55	110	4.54
33	133.60	138.4	08B1-33	16	60	30	90	1.83	08B2-33	20	67	40	100	3.13	08B3-33	20	74	55	110	4.75
34	137.64	142.6	08B1-34	16	60	30	90	1.87	08B2-34	20	67	40	100	3.26	08B3-34	20	74	55	110	4.87
35	141.68	146.7	08B1-35	16	60	30	90	1.92	08B2-35	20	67	40	100	3.40	08B3-35	20	74	55	110	5.20
36	145.72	151.0	08B1-36	20	60	35	90	2.18	08B2-36	20	67	40	100	3.55	08B3-36	25	80	55	120	5.64
37	149.76	154.6	08B1-37	20	60	35	90	2.23	08B2-37	20	67	40	100	3.69	08B3-37	25	80	55	120	5.89
38	153.80	158.6	08B1-38	20	60	35	90	2.28	08B2-38	20	67	40	100	3.84	08B3-38	25	80	55	120	6.14
39	157.83	162.7	08B1-39	20	60	35	90	2.33	08B2-39	20	67	40	100	4.00	08B3-39	25	80	55	120	6.39
40	161.87	166.8	08B1-40	20	60	35	90	2.38	08B2-40	20	67	40	100	4.16	08B3-40	25	80	55	120	6.66
42	169.94	175.4	08B1-42	20	60	40	*90	2.74	08B2-42	20	74	50	*110	5.46	08B3-42	25	74	60	*110	7.29
45	182.06	188.0	08B1-45	20	60	40	*90	2.93	08B2-45	20	74	50	*110	6.01	08B3-45	25	74	60	*110	8.20
48	194.18	200.3	08B1-48	20	60	40	*90	3.14	08B2-48	20	74	50	*110	6.60	08B3-48	25	74	60	*110	9.17
50	202.26	208.3	08B1-50	20	60	40	*90	3.27	08B2-50	20	74	50	*110	7.00	08B3-50	25	74	60	*110	9.83
57	230.54	236.4	08B1-57	20	60	40	*90	3.80	08B2-57	25	74	50	*110	8.48	08B3-57	25	74	60	*110	12.41
60	242.66	248.6	08B1-60	20	60	40	*90	4.05	08B2-60	25	74	50	*110	9.21	08B3-60	25	74	60	*110	13.62
Cast Iron Wheels																				
57	230.54	236.4	08B1-57	19	42	40	70	2.40	08B2-57	23	54	50	90	4.40	08B3-57	23	60	60	100	6.70
76	307.32	313.3	08B1-76	23	48	40	80	4.10	08B2-76	23	60	56	100	6.40	08B3-76	23	60	60	100	8.20
95	384.11	390.1	08B1-95	23	48	45	80	5.40	08B2-95	23	60	56	100	8.80	08B3-95	23	72	67	120	12.80
114	460.91	466.9	08B1-114	23	54	45	90	7.10	08B2-114	23	60	63	100	10.20	08B3-114	23	72	67	120	16.50

All dimensions in mm.

Steel Pinions are 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.

All steel pinions can be supplied with teeth induction hardened to 45Rc.

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

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

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