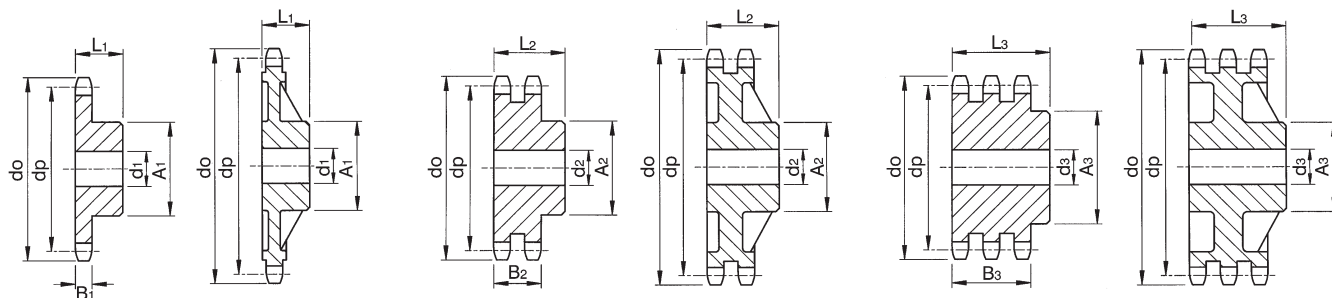


Standard Sprockets for 1¹/₄" Pitch

British Standard Chains Type 20B

Conforming to ISO Std 606



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

Simplex Sprockets

Chain No. 20B-1
Pitch 31.75mm
Roller Dia. 19.05mm
Inside Width 19.56mm
Overall Width 44.1mm
Tooth Width B₁ 18.5mm

Duplex Sprockets

Chain No. 20B-2
Pitch 31.75mm
Roller Dia. 19.05mm
Inside Width 19.56mm
Overall Width 80.5mm
Tooth Width B₂ 54.6mm

Triplex Sprockets

Chain No. 20B-3
Pitch 31.75mm
Roller Dia. 19.05mm
Inside Width 19.56mm
Overall Width 117.1mm
Tooth Width B₃ 91.0mm

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
Steel Pinions																				
8	82.96	98.1	20B1-08	20	35	40	53	.85	20B2-08	20	35	75	53	1.57	20B3-08	25	35	110	53	2.14
9	92.84	108.0	20B1-09	20	42	40	63	1.18	20B2-09	20	42	75	63	2.19	20B3-09	25	42	110	63	3.04
10	102.74	117.9	20B1-10	20	46	40	70	1.50	20B2-10	20	46	75	70	2.84	20B3-10	25	46	110	70	4.02
11	112.68	127.8	20B1-11	20	51	45	77	2.02	20B2-11	25	54	80	80	3.71	20B3-11	30	54	115	80	5.17
12	122.68	137.8	20B1-12	20	58	45	88	2.57	20B2-12	25	60	80	90	4.65	20B3-12	30	60	115	90	6.53
13	132.65	147.8	20B1-13	20	65	45	98	3.14	20B2-13	25	67	80	100	5.69	20B3-13	30	67	115	100	8.03
14	142.68	157.8	20B1-14	20	72	45	108	3.77	20B2-14	25	74	80	110	6.83	20B3-14	30	74	115	110	9.68
15	152.72	167.9	20B1-15	20	78	45	118	4.45	20B2-15	25	80	80	120	8.07	20B3-15	30	80	115	120	11.5
16	162.75	177.9	20B1-16	25	80	50	120	5.22	20B2-16	30	80	80	120	8.88	20B3-16	30	80	115	120	13.1
17	172.78	187.9	20B1-17	25	80	50	120	5.57	20B2-17	30	80	80	120	9.90	20B3-17	30	80	115	120	14.7
18	182.85	198.0	20B1-18	25	80	50	120	5.95	20B2-18	30	80	80	*120	11.0	20B3-18	30	80	115	*120	16.5
19	192.91	208.1	20B1-19	25	80	50	120	6.35	20B2-19	30	80	80	*120	12.2	20B3-19	30	80	115	*120	18.4
20	202.98	218.1	20B1-20	25	80	50	120	6.77	20B2-20	30	80	80	*120	13.4	20B3-20	30	80	115	*120	20.5
21	213.04	228.2	20B1-21	30	94	55	140	8.73	20B2-21	30	94	80	*140	15.5	20B3-21	30	94	115	*140	23.4
22	223.11	238.2	20B1-22	30	94	55	140	9.20	20B2-22	30	94	80	*140	16.9	20B3-22	30	94	115	*140	25.6
23	233.17	248.3	20B1-23	30	94	55	140	9.68	20B2-23	30	94	80	*140	18.3	20B3-23	30	94	115	*140	28.0
24	243.23	258.4	20B1-24	30	94	55	140	10.2	20B2-24	30	94	80	*140	19.8	20B3-24	30	94	115	*140	30.5
25	253.33	268.5	20B1-25	30	94	55	140	10.8	20B2-25	30	94	80	*140	21.4	20B3-25	30	94	115	*140	33.1
26	263.40	278.6	20B1-26	30	100	55	*150	12.0	20B2-26	30	100	80	*150	23.4	20B3-26	30	100	115	*150	36.2
27	273.49	288.6	20B1-27	30	100	55	*150	12.6	20B2-27	30	100	80	*150	25.1	20B3-27	30	100	115	*150	39.0
28	283.56	298.7	20B1-28	30	100	55	*150	13.2	20B2-28	30	100	80	*150	26.9	20B3-28	30	100	115	*150	42.0
29	293.65	308.8	20B1-29	30	100	55	*150	13.8	20B2-29	30	100	80	*150	28.8	20B3-29	30	100	115	*150	45.0
30	303.75	318.9	20B1-30	30	100	55	*150	14.4	20B2-30	30	100	80	*150	30.7	20B3-30	30	100	115	*150	48.2
31	313.85	329.0	20B1-31	30	100	55	*150	15.1	20B2-31	30	100	80	*150	32.6	20B3-31	30	100	115	*150	51.5
32	323.91	339.1	20B1-32	30	100	55	*150	15.8	20B2-32	30	100	80	*150	34.7	20B3-32	30	100	115	*150	54.9
33	334.01	349.2	20B1-33	30	100	55	*150	16.5	20B2-33	30	100	80	*150	36.8	20B3-33	30	100	115	*150	58.4
34	344.10	359.3	20B1-34	30	100	55	*150	17.2	20B2-34	30	100	80	*150	39.0	20B3-34	30	100	115	*150	62.0
35	354.20	369.4	20B1-35	30	100	55	*150	18.0	20B2-35	30	100	80	*150	41.2	20B3-35	30	100	115	*115	65.8
36	364.30	379.5	20B1-36	30	100	55	*150	18.8	20B2-36	30	100	80	*150	43.6	20B3-36	30	100	115	*150	69.6
37	374.39	389.5	20B1-37	30	100	55	*150	19.6	20B2-37	30	100	80	*150	45.9	20B3-37	30	100	115	*150	73.6
38	384.49	399.6	20B1-38	30	100	55	*150	20.4	20B2-38	30	100	80	*150	48.4	20B3-38	30	100	115	*150	77.7
39	394.59	409.7	20B1-39	30	100	55	*150	21.3	20B2-39	30	100	80	*150	50.9	20B3-39	30	100	115	*150	86.2
40	404.69	419.8	20B1-40	30	100	55	*150	22.2	20B2-40	30	100	80	*150	53.5	20B3-40	30	100	115	*150	86.2
42	424.86	440.0	20B1-42	30	100	70	*150	26.8	20B2-42	30	107	90	*160	61.5	20B3-42	40	120	110	*180	95.8
45	455.15	470.3	20B1-45	30	100	70	*150	29.7	20B2-45	30	107	90	*160	70.1	20B3-45	40	120	110	*180	110.2
48	485.45	500.6	20B1-48	30	100	70	*150	33.0	20B2-48	30	107	90	*160	79.4	20B3-48	40	120	110	*180	125.6
50	505.65	520.8	20B1-50	30	100	70	*150	35.2	20B2-50	30	107	90	*160	85.9	20B3-50	40	120	110	*180	136.4
57	576.35	591.5	20B1-57	30	100	80	*150	45.2	20B2-57	40	107	100	*160	112.0	20B3-57	40	120	125	*180	180.8
60	606.66	621.8	20B1-60	30	100	80	*150	49.2	20B2-60	40	107	100	*160	123.8	20B3-60	40	120	125	*180	200.3
Cast Iron Wheels																				
57	576.35	591.5	20B1-57	39	80	80	135	25.6	20B2-57	49	96	100	160	45.0	20B3-57	62	108	125	180	65.0
76	768.30	783.5	20B1-76	49	84	90	140	39.0	20B2-76	55	108	100	180	65.0	20B3-76	63	120	140	200	85.0

All dimensions in mm.

Sprockets with 8 to 40 teeth 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.

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

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

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