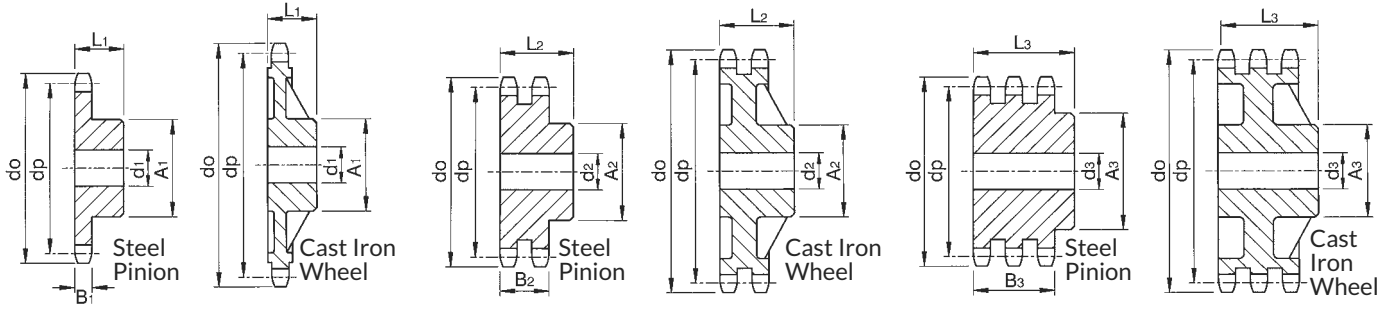


Standard Sprockets for 1 1/4" Pitch British Standard Chains Type 20B

Conforming to ISO Std 606



Simplex Sprockets

Chain No. 20B-1

Pitch	31.75mm
Roller Dia.	19.05mm
Inside Width	19.56mm
Overall Width	44.1mm
Tooth Width B ₁	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 B ₂	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 B ₃	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	82.97	98.1	20B1-08	20	35	40	53	1.0	20B2-08	20	35	75	53	1.8	20B3-08	20	35	110	53	2.5
9	92.83	108.0	20B1-09	20	42	40	63	1.3	20B2-09	20	42	75	63	2.4	20B3-09	20	42	110	63	3.4
10	102.75	117.9	20B1-10	20	46	40	70	1.6	20B2-10	20	46	75	70	3.0	20B3-10	20	46	110	70	4.4
11	112.70	127.8	20B1-11	20	51	45	77	2.2	20B2-11	20	54	80	80	4.0	20B3-11	20	54	115	80	5.8
12	122.67	137.8	20B1-12	20	58	45	88	2.7	20B2-12	20	60	80	90	5.0	20B3-12	20	60	115	90	7.2
13	132.67	147.8	20B1-13	20	65	45	98	3.3	20B2-13	20	67	80	100	6.0	20B3-13	20	67	115	100	8.7
14	142.68	157.8	20B1-14	20	72	45	108	3.9	20B2-14	20	74	80	110	7.2	20B3-14	20	74	115	110	10.3
15	152.72	167.9	20B1-15	20	78	45	118	4.6	20B2-15	20	80	80	120	8.4	20B3-15	20	80	115	120	12.1
16	162.75	177.9	20B1-16	25	80	50	120	5.4	20B2-16	25	80	80	120	9.3	20B3-16	25	80	115	120	13.5
17	172.79	187.9	20B1-17	25	80	50	120	5.8	20B2-17	25	80	80	120	10.3	20B3-17	25	80	115	120	15.2
18	182.84	198.0	20B1-18	25	80	50	120	6.2	20B2-18	25	80	80	120*	11.4	20B3-18	25	80	115	120*	17.0
19	192.90	208.1	20B1-19	25	80	50	120	6.6	20B2-19	25	80	80	120*	12.6	20B3-19	25	80	115	120*	19.0
20	202.96	218.1	20B1-20	25	80	50	120	7.0	20B2-20	25	80	80	120*	13.8	20B3-20	25	80	115	120*	21.0
21	213.03	228.2	20B1-21	25	94	55	140	9.1	20B2-21	25	94	80	140*	15.9	20B3-21	25	94	115	140*	23.9
22	223.10	238.3	20B1-22	25	94	55	140	9.6	20B2-22	25	94	80	140*	17.3	20B3-22	25	94	115	140*	26.2
23	233.17	248.3	20B1-23	25	94	55	140	10.1	20B2-23	25	94	80	140*	18.7	20B3-23	25	94	115	140*	28.6
24	243.25	258.4	20B1-24	25	94	55	140	10.6	20B2-24	25	94	80	140*	20.2	20B3-24	25	94	115	140*	31.1
25	253.32	268.5	20B1-25	25	94	55	140	11.2	20B2-25	25	94	80	140*	21.8	20B3-25	25	94	115	140*	33.7
26	263.41	278.6	20B1-26	25	100	55	150*	12.4	20B2-26	25	100	80	150*	23.9	20B3-26	25	100	115	150*	36.8
27	273.49	288.6	20B1-27	25	100	55	150*	13.0	20B2-27	25	100	80	150*	25.6	20B3-27	25	100	115	150*	39.7
28	283.57	298.7	20B1-28	25	100	55	150*	13.6	20B2-28	25	100	80	150*	27.4	20B3-28	25	100	115	150*	42.6
29	293.66	308.8	20B1-29	25	100	55	150*	14.3	20B2-29	25	100	80	150*	29.3	20B3-29	25	100	115	150*	45.7
30	303.75	318.9	20B1-30	25	100	55	150*	15.0	20B2-30	25	100	80	150*	31.2	20B3-30	25	100	115	150*	48.9
31	313.83	329.0	20B1-31	25	100	55	150*	15.7	20B2-31	25	100	80	150*	33.2	20B3-31	30	100	115	150*	52.0
32	323.92	339.1	20B1-32	25	100	55	150*	16.4	20B2-32	25	100	80	150*	35.2	20B3-32	30	100	115	150*	55.4
33	334.01	349.2	20B1-33	25	100	55	150*	17.1	20B2-33	25	100	80	150*	37.4	20B3-33	30	100	115	150*	58.9
34	344.10	359.3	20B1-34	25	100	55	150*	17.9	20B2-34	25	100	80	150*	39.6	20B3-34	30	100	115	150*	62.6
35	354.20	369.4	20B1-35	25	100	55	150*	18.7	20B2-35	25	100	80	150*	41.8	20B3-35	30	100	115	150*	66.3
36	364.29	379.5	20B1-36	25	100	55	150*	19.5	20B2-36	30	100	80	150*	44.0	20B3-36	30	100	115	150*	70.2
37	374.38	389.5	20B1-37	25	100	55	150*	20.3	20B2-37	30	100	80	150*	46.4	20B3-37	30	100	115	150*	74.2
38	384.48	399.6	20B1-38	25	100	55	150*	21.2	20B2-38	30	100	80	150*	48.9	20B3-38	30	100	115	150*	78.3
39	394.57	409.7	20B1-39	25	100	55	150*	22.1	20B2-39	30	100	80	150*	51.4	20B3-39	30	100	115	150*	82.5
40	404.67	419.8	20B1-40	25	100	55	150*	23.0	20B2-40	30	100	80	150*	54.0	20B3-40	30	100	115	150*	86.8
42	424.86	440.0	20B1-42	30	107	80	160*	29.3												
45	455.15	470.3	20B1-45	30	107	80	160*	32.3	20B2-45	30	107	101	160*	71.8	20B3-45	40	107	121	160*	111
46	465.25	480.4	20B1-46	25	107	80	160*	33.4	20B2-46	30	107	101	160*	74.8						
48	485.45	500.6	20B1-48	25	107	80	160*	35.6												
50	505.65	520.8	20B1-50	25	107	80	160*	37.9	20B2-50	30	107	101	160*	87.6	20B3-50	40	107	121	160*	137
57	576.35	591.5	20B1-57	30	107	80	160*	46.3	20B2-57	40	107	116	180*	117	20B3-57	40	134	123	200*	182
60	606.66	621.8	20B1-60	30	107	80	160*	50.4												
76	768.32	783.5	20B1-76	30	107	80	160*	75.5	20B2-76	40	120	116	180*	202	20B3-76	40	134	123	200*	323
95	960.28	975.2	20B1-76	30	112	93	168*	116	20B2-95	40	134	116	200*	314						
Cast Iron Wheels																				
38	384.48	399.6	20B1-38C	35	75	70	125	11.9	20B2-38C	44	84	90	140	24.2	20B3-38C	56	108	110	180	39
45	455.17	470.3	20B1-45C	35	75	70	125	19.5	20B2-45C	44	84	90	140	29.6	20B3-45C	56	108	110	180	48
57	576.36	591.5	20B1-57C	40	80	80	135	25.6	20B2-57C	50	96	100	160	45.0	20B3-57C	60	108	125	180	65
76	768.32	783.5	20B1-76C	40	84	90	140	39.0	20B2-76C	50	108	100	180	65.0	20B3-76C	60	120	140	200	85

Pinions 8 to 17 teeth (to 25 teeth Simplex) in Steel with min. U.T.S. 600N/mm², which can be supplied with induction hardened teeth to 45Rc. All other pinions 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.