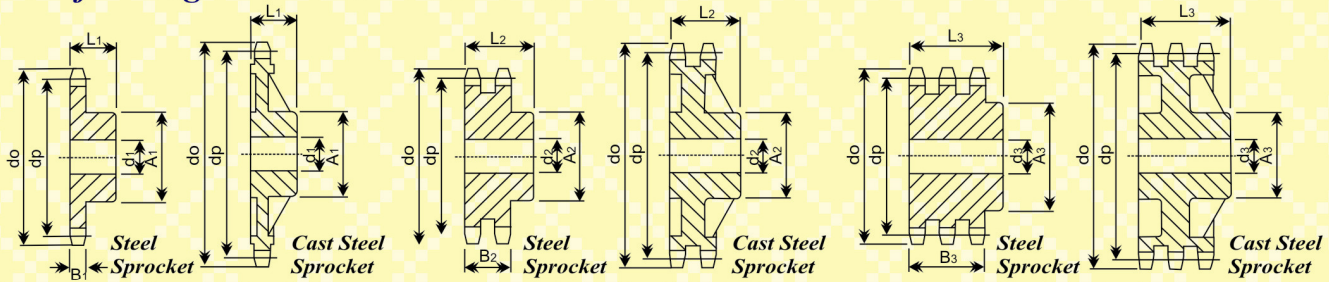


# Standard Sprockets for 1 1/4" Pitch Chains Type 20 B & ANSI - 100 Conforming to ISO Std 606 and Ansi B29.1



ISO 9001:2008 Certified Company



### Simplex Sprockets

Chain No.	20B-1	ANSI-100-1
Pitch	31.75mm	31.75mm
Roller Dia.	19.05mm	19.05mm
Inside Width	19.56mm	19.05mm
Tooth Width B <sub>1</sub>	18.5mm	17.6mm

### Duplex Sprockets

Chain No.	20B-2	ANSI-100-2
Pitch	31.75mm	31.75mm
Roller Dia.	19.05mm	19.05mm
Inside Width	19.56mm	19.05mm
Tooth Width B <sub>2</sub>	54.6mm	52.9mm

### Triplex Sprockets

Chain No.	20B-3	ANSI-100-3
Pitch	31.75mm	31.75mm
Roller Dia.	19.05mm	19.05mm
Inside Width	19.56mm	19.05mm
Tooth Width B <sub>3</sub>	91.0mm	88.6mm

No. Teeth Z	Pitch Circle Ø dp	Outside Ø do	Simplex Sprocket					Duplex Sprocket					Triplex Sprocket							
			Cat. No.	Min.† Bore d <sub>1</sub>	Mix. Bore d <sub>1</sub>	L.T.B. L <sub>1</sub>	Hub Ø A <sub>1</sub>	App. Weight kg	Cat. No.	Min.† Bore d <sub>2</sub>	Mix. Bore d <sub>2</sub>	L.T.B. L <sub>2</sub>	Hub Ø A <sub>2</sub>	App. Weight kg	Cat. No.	Min.† Bore d <sub>3</sub>	Mix. Bore d <sub>3</sub>	L.T.B. L <sub>3</sub>	Hub Ø A <sub>3</sub>	App. Weight kg
<b>Steel Sprocket</b>																				
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	*150	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	82.2
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	30	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	30	107	100	*160	123.8	20B3-60	40	120	125	*180	200.3
<b>Cast Steel Sprocket</b>																				
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.

Steel Sprocket 8 to 21 tooth minimum U.T.S. 600N/mm<sup>2</sup>-Above 21T - 410N/mm<sup>2</sup>

Sprockets can be worked to customers bore and keyway requirements, can be supplied with teeth hardened to 45Rc.

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

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