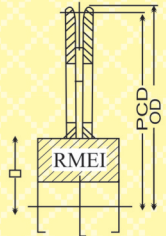
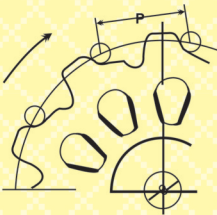
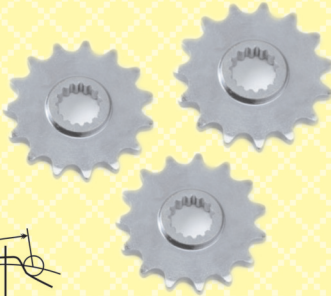
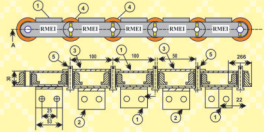
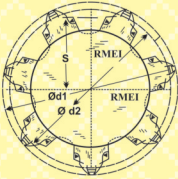




ISO 9001:2008 Certified Company

# RMEI

## CHAINS & SPROCKETS



**R.M. ENGINEERING INDUSTRIES**  
MANUFACTURE OF MECHANICAL POWER TRANSMISSION PRODUCTS

“SAHI AUR SAMAY PAR”

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ISO 9001:2008 Certified Company

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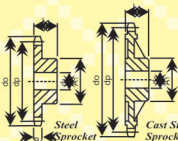
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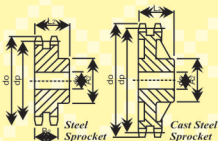
APART THIS ANY CUSTOMER SPECIFIC CHAINS & SPROCKETS CAN BE SUPPLIED  
AS PER PARTIES REQUIREMENT OR DRAWING

# Standard Sprockets for $\frac{3}{8}$ " Pitch Chains Type 06B & ANSI - 35

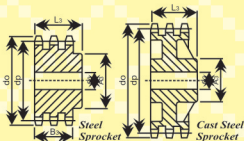
Conforming to ISO Std 606 and Ansi B29.1



Cast Steel Sprocket



Cast Steel Sprocket



Cast Steel Sprocket

Cast Steel Sprocket

## Simplex Sprockets

Chain No.	06B-1	ANSI-35-1
Pitch	9.525mm	9.525mm
Roller Dia.	6.35mm	5.08mm
Inside Width	5.72mm	4.77mm
Tooth Width B,	5.3mm	4.3mm

## Duplex Sprockets

Chain No.	06B-2	ANSI-35-2
Pitch	9.525mm	9.525mm
Roller Dia.	6.35mm	4.77mm
Inside Width	5.72mm	14.3mm
Tooth Width B,	15.4mm	

## Triplex Sprockets

Chain No.	06B-3	ANSI-35-3
Pitch	9.525mm	9.525mm
Roller Dia.	6.35mm	5.08mm
Inside Width	5.72mm	4.77mm
Tooth Width B,	25.6mm	24.4mm

No. Teeth Z	Pitch Circle Øp	Outside Ød	Simplex Sprocket					Duplex Sprocket					Triplex Sprocket							
			Cat. No.	Min. T Bore d <sub>i</sub>	Mix. Bore d <sub>i</sub>	L.T.B. L <sub>i</sub>	Hub Ø A <sub>i</sub>	App. Weight kg	Cat. No.	Min. T Bore d <sub>i</sub>	Mix. Bore d <sub>i</sub>	L.T.B. L <sub>i</sub>	Hub Ø A <sub>i</sub>	App. Weight kg	Cat. No.	Min. T Bore d <sub>i</sub>	Mix. Bore d <sub>i</sub>	L.T.B. L <sub>i</sub>	Hub Ø A <sub>i</sub>	App. Weight kg
<b>Steel Sprocket</b>																				
8	24.89	28.0	06B1-08	8	10	22	15	.03	06B2-08	8	10	22	15	.04	06B3-08	8	10	32	15	.05
9	27.85	31.0	06B1-09	8	12	22	18	.05	06B2-09	8	12	22	18	.05	06B3-09	8	12	32	18	.07
10	30.82	34.0	06B1-10	8	13	22	20	.06	06B2-10	8	13	22	20	.07	06B3-10	10	13	32	20	.09
11	33.80	37.0	06B1-11	8	14	25	22	.08	06B2-11	10	14	25	22	.09	06B3-11	12	14	35	22	.12
12	36.80	40.0	06B1-12	8	16	25	25	.11	06B2-12	10	16	25	25	.12	06B3-12	12	16	35	25	.15
13	39.79	43.0	06B1-13	10	19	25	28	.13	06B2-13	10	19	25	28	.14	06B3-13	12	19	35	28	.19
14	42.80	46.3	06B1-14	10	20	25	31	.16	06B2-14	10	20	25	31	.17	06B3-14	12	20	35	31	.24
15	42.80	49.3	06B1-14	10	23	25	31	.19	06B2-15	10	23	25	34	.21	06B3-15	12	23	35	34	.28
16	48.82	52.3	06B1-16	10	25	28	37	.24	06B2-16	12	25	30	37	.27	06B3-16	12	25	35	37	.33
17	51.83	55.3	06B1-17	10	27	28	40	.29	06B2-17	12	27	30	40	.32	06B3-17	12	27	35	40	.39
18	54.85	58.3	06B1-18	10	29	28	43	.33	06B2-18	12	29	30	43	.37	06B3-18	12	29	35	43	.45
19	57.87	61.3	06B1-19	10	30	28	45	.37	06B2-19	12	31	30	46	.42	06B3-19	12	31	35	46	.51
20	60.89	64.3	06B1-20	10	31	28	46	.39	06B2-20	12	33	30	49	.48	06B3-20	12	33	35	49	.58
21	63.91	68.0	06B1-21	12	32	28	48	.42	06B2-21	16	35	30	52	.52	06B3-21	16	35	40	52	.70
22	66.93	71.0	06B1-22	12	34	28	50	.46	06B2-22	16	36	30	55	.56	06B3-22	16	36	40	55	.79
23	69.95	74.0	06B1-23	12	35	28	52	.50	06B2-23	16	38	30	58	.65	06B3-23	16	38	40	58	.88
24	72.97	77.0	06B1-24	12	36	28	54	.54	06B2-24	16	40	30	61	.72	06B3-24	16	40	40	61	.97
25	76.00	80.0	06B1-25	12	38	28	57	.61	06B2-25	16	43	30	64	.79	06B3-25	16	43	40	64	1.07
26	79.02	83.0	06B1-26	12	40	28	60	.67	06B2-26	16	44	30	67	.87	06B3-26	16	44	40	67	1.17
27	82.05	86.0	06B1-27	12	40	28	60	.73	06B2-27	16	46	30	70	.95	06B3-27	16	46	40	70	1.28
28	85.07	89.0	06B1-28	12	40	28	60	.81	06B2-28	16	48	30	73	1.03	06B3-28	16	48	40	73	1.39
29	88.09	92.0	06B1-29	12	40	28	60	.88	06B2-29	16	50	30	76	1.12	06B3-29	16	50	40	76	1.51
30	91.12	94.7	06B1-30	12	40	28	60	.92	06B2-35	16	53	30	79	1.27	06B3-30	16	53	40	79	1.63
31	94.15	98.3	06B1-31	14	43	30	65	.97	06B2-31	16	54	30	80	1.27	06B3-31	16	54	40	80	1.72
32	97.17	101.3	06B1-32	14	43	30	65	.99	06B2-32	16	54	30	80	1.32	06B3-32	16	54	40	80	1.81
33	100.20	104.3	06B1-33	14	43	30	65	1.01	06B2-33	16	54	30	80	1.38	06B3-33	16	54	40	80	1.90
34	103.23	107.3	06B1-34	14	43	30	65	1.03	06B2-34	16	54	30	80	1.43	06B3-34	16	57	40	85	2.06
35	106.26	110.3	06B1-35	14	43	30	65	1.05	06B2-35	16	54	30	80	1.49	06B3-35	16	57	40	85	2.16
36	109.29	113.3	06B1-36	16	46	30	70	1.07	06B2-36	16	60	30	90	1.55	06B3-36	16	60	40	90	1.23
37	112.32	116.4	06B1-37	16	46	30	70	1.09	06B2-37	16	60	30	90	1.61	06B3-37	16	60	40	90	2.43
38	115.35	119.5	06B1-38	16	46	30	70	1.11	06B2-38	16	60	30	90	1.67	06B3-38	16	60	40	90	2.62
39	118.37	122.5	06B1-39	16	46	30	70	1.13	06B2-39	16	60	30	90	1.74	06B3-39	16	60	40	90	2.72
40	121.40	125.5	06B1-40	16	46	30	70	1.16	06B2-40	16	60	30	90	1.80	06B3-40	16	60	40	90	2.92
42	127.46	131.6	06B1-42	16	54	32	*80	1.50	06B2-42	20	60	40	*90	2.54	06B3-42	20	60	56	*90	3.70
45	138.55	140.7	06B1-45	16	54	32	*80	1.58	06B2-45	20	60	40	*90	2.76	06B3-45	20	60	56	*90	4.06
48	145.64	149.7	06B1-48	20	54	32	*80	1.63	06B2-48	20	60	40	*90	2.99	06B3-48	20	60	56	*90	4.45
50	151.69	155.7	06B1-50	20	54	32	*80	1.69	06B2-50	20	60	40	*90	3.16	06B3-50	20	60	56	*90	4.72
57	172.91	179.9	06B1-57	20	54	32	*80	1.91	06B2-57	20	60	40	*90	3.79	06B3-57	20	60	56	*90	5.78
60	182.00	186.0	06B1-60	20	54	32	*80	2.01	06B2-60	20	60	40	*90	4.09	06B3-60	20	60	56	*90	6.28
<b>Cast Steel Sprocket</b>																				
57	172.91	176.9	06B1-57	19	42	32	70	1.60	06B2-57	19	48	40	80	2.50	06B3-57	23	54	56	90	3.60
76	230.49	234.9	06B1-76	19	42	32	70	2.10	06B2-76	19	48	40	80	3.10	06B3-76	23	60	56	100	4.00
95	288.08	292.5	06B1-95	19	48	40	80	3.50	06B2-95	19	54	45	90	4.60	06B3-95	23	60	56	100	6.50
114	345.68	349.6	06B1-114	19	48	40	80	4.20	06B2-114	19	54	45	90	5.30	06B3-114	23	60	56	100	8.00
150	454.82	459.2	06B1-150	23	54	45	90	9.00	06B2-150	23	60	50	100	10.50	06B3-150	23	75	60	125	14.00

All dimensions in mm.

Steel Sprocket 8 to 40 tooth minimum U.T.S. 600N/mm<sup>2</sup>-Above 40T - 410N/mm<sup>2</sup>

Sprockets can be reworked to customers bore and keyway requirements,

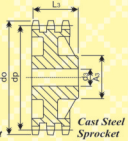
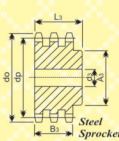
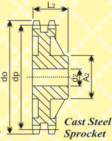
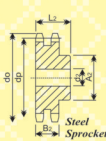
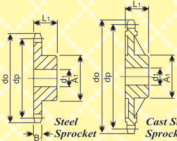
can be supplied with teeth hardened to 45Rc.

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

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

# Standard Sprockets for $\frac{1}{2}$ " Pitch Chains Type 08B & ANSI - 40

Conforming to ISO Std 606 and Ansi B29.1



## Simplex Sprockets

Chain No.	08B-1	ANSI-40-1
Pitch	12.7mm	12.7mm
Roller Dia.	8.51mm	7.94mm
Inside Width	7.75mm	7.94mm
Tooth Width B <sub>1</sub>	7.2mm	7.2mm

## Duplex Sprockets

Chain No.	08B-2	ANSI-40-2
Pitch	12.7mm	12.7mm
Roller Dia.	8.51mm	7.94mm
Inside Width	7.75mm	7.94mm
Tooth Width B <sub>2</sub>	21.0mm	21.4mm

## Triplex Sprockets

Chain No.	08B-3	ANSI-40-3
Pitch	12.7mm	12.7mm
Roller Dia.	8.51mm	7.94mm
Inside Width	7.75mm	7.94mm
Tooth Width B <sub>3</sub>	34.9mm	35.8mm

No. Teeth Z	Pitch Circle Ø dp	Outside Ø do	Simplex Sprocket						Duplex Sprocket					Triplex Sprocket						
			Cat. No.	Min. t 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. t 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. t 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
<b>Steel Sprocket</b>																				
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	35	50	.63	08B3-16	16	34	50	50	.85
17	69.11	73.6	08B1-17	12	35	28	52	.51	08B2-17	14	36	35	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	35	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	35	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	35	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	142.5	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	9.63
57	230.54	236.1	08B1-57	20	60	40	*90	3.60	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
<b>Cast Steel Sprocket</b>																				
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
85	384.11	390.1	08B1-85	23	48	45	90	5.40	08B2-85	23	60	56	100	8.60	08B3-85	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 Sprocket 8 to 40 tooth minimum U.T.S. 600N/mm<sup>2</sup>-Above 40T - 410N/mm<sup>2</sup>

Sprockets can be reworked 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.

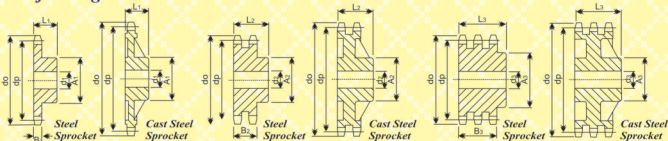
# Standard Sprockets for $\frac{5}{8}$ " Pitch

## Chain Type 10B & ANSI - 50

Conforming to ISO Std 606 and Ansi B29.1



ISO 9001:2008 Certified Company



### Simplex Sprockets

Chain No.	10B-1	ANSI-50-1
Pitch	15.875mm	15.875mm
Roller Dia.	10.16mm	10.16mm
Inside Width	9.65mm	9.52mm
Tooth Width B <sub>1</sub>	9.1mm	8.7mm

### Duplex Sprockets

Chain No.	10B-2	ANSI-50-2
Pitch	15.875mm	15.875mm
Roller Dia.	10.16mm	10.16mm
Inside Width	9.65mm	9.52mm
Tooth Width B <sub>1</sub>	25.5mm	26.5mm

### Triplex Sprockets

Chain No.	10B-3	ANSI-50-3
Pitch	15.875mm	15.875mm
Roller Dia.	10.16mm	10.16mm
Inside Width	9.65mm	9.52mm
Tooth Width B <sub>1</sub>	42.1mm	44.6mm

No. Teeth Z	Pitch Circle Ø dp	Outside Ø do	Simplex Sprocket					Duplex Sprocket					Triplex Sprocket							
			Cat. No.	Min.1 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.1 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.1 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
<b>Steel Sprocket</b>																				
8	41.48	47.0	10B1-08	10	16	25	25	12	10B2-08	12	16	40	25	19	10B3-08	12	16	55	25	27
9	46.42	52.6	10B1-09	10	20	25	30	17	10B2-09	12	20	40	30	27	10B3-09	12	20	55	30	38
10	51.37	57.5	10B1-10	10	24	25	35	22	10B2-10	12	24	40	35	36	10B3-10	16	24	55	35	47
11	56.34	63.0	10B1-11	12	25	30	37	29	10B2-11	14	26	40	39	43	10B3-11	16	26	55	39	61
12	61.34	68.0	10B1-12	12	28	30	42	38	10B2-12	14	29	40	44	55	10B3-12	16	29	55	44	78
13	66.32	73.0	10B1-13	12	31	30	47	47	10B2-13	14	33	40	49	68	10B3-13	16	33	55	49	95
14	71.74	78.0	10B1-14	12	35	30	52	56	10B2-14	14	36	40	54	82	10B3-14	16	36	55	54	115
15	76.36	83.0	10B1-15	12	38	30	57	67	10B2-15	14	39	40	59	97	10B3-15	16	39	55	59	137
16	81.37	88.0	10B1-16	14	40	30	60	76	10B2-16	16	43	45	64	126	10B3-16	16	43	60	64	172
17	86.39	93.0	10B1-17	14	40	30	60	80	10B2-17	16	46	45	69	146	10B3-17	16	46	60	69	198
18	91.42	98.3	10B1-18	14	46	30	70	1.02	10B2-18	16	49	45	74	167	10B3-18	16	49	60	74	227
19	96.45	103.3	10B1-19	14	46	30	70	1.07	10B2-19	16	53	45	79	190	10B3-19	16	53	60	79	258
20	101.49	108.4	10B1-20	14	50	30	75	1.21	10B2-20	16	56	45	84	214	10B3-20	16	56	60	84	290
21	106.52	113.4	10B1-21	16	50	30	75	1.25	10B2-21	16	57	45	85	227	10B3-21	20	57	60	85	312
22	111.55	118.0	10B1-22	16	54	30	80	1.40	10B2-22	16	60	45	90	254	10B3-22	20	60	60	90	348
23	116.58	123.4	10B1-23	16	54	30	80	1.46	10B2-23	16	63	45	95	282	10B3-23	20	63	60	95	385
24	121.62	128.3	10B1-24	16	54	30	80	1.53	10B2-24	16	67	45	100	311	10B3-24	20	67	60	100	425
25	126.66	134.0	10B1-25	16	54	30	80	1.59	10B2-25	16	70	45	105	342	10B3-25	20	70	60	105	466
26	131.70	139.0	10B1-26	20	57	35	85	1.82	10B2-26	20	74	45	110	374	10B3-26	20	74	60	110	510
27	136.75	144.0	10B1-27	20	57	35	85	1.89	10B2-27	20	74	45	110	394	10B3-27	20	74	60	110	543
28	141.78	148.7	10B1-28	20	60	35	90	2.24	10B2-28	20	77	45	115	428	10B3-28	20	77	60	115	589
29	146.83	153.8	10B1-29	20	60	35	90	2.31	10B2-29	20	77	45	115	449	10B3-29	20	77	60	115	624
30	151.87	158.8	10B1-30	20	60	35	90	2.39	10B2-30	20	80	45	120	486	10B3-30	20	80	60	120	674
31	156.92	163.9	10B1-31	20	63	35	95	2.62	10B2-31	20	80	45	*120	509	10B3-31	20	80	60	*120	712
32	161.95	168.9	10B1-32	20	63	35	95	2.71	10B2-32	20	80	45	*120	533	10B3-32	20	80	60	*120	751
33	167.0	174.5	10B1-33	20	63	35	95	2.79	10B2-33	20	80	45	*120	558	10B3-33	20	80	60	*120	792
34	172.05	179.0	10B1-34	20	63	35	95	2.88	10B2-34	20	80	45	*120	583	10B3-34	20	80	60	*120	834
35	177.10	184.1	10B1-35	20	63	35	95	2.98	10B2-35	20	80	45	*120	610	10B3-35	20	80	60	*120	878
36	182.15	189.1	10B1-36	20	67	35	100	3.23	10B2-36	20	80	45	*120	637	10B3-36	25	80	60	*120	914
37	187.20	194.2	10B1-37	20	67	35	100	3.33	10B2-37	20	80	45	*120	665	10B3-37	25	80	60	*120	960
38	192.24	199.3	10B1-38	20	67	35	100	3.43	10B2-38	20	80	45	*120	693	10B3-38	25	80	60	*120	1010
39	197.29	204.2	10B1-39	20	67	35	100	3.53	10B2-39	20	80	45	*120	723	10B3-39	25	80	60	*120	1060
40	202.34	209.3	10B1-40	20	67	35	100	3.64	10B2-40	20	80	45	*120	753	10B3-40	25	80	60	*120	1110
42	212.43	219.9	10B1-42	20	67	40	*100	4.23	10B2-42	20	87	50	*130	901	10B3-42	25	87	60	*130	1240
45	227.58	235.0	10B1-45	20	67	40	*100	4.59	10B2-45	20	87	50	*130	1003	10B3-45	25	87	60	*130	1407
48	242.73	250.2	10B1-48	20	67	40	*100	4.99	10B2-48	25	87	50	*130	1106	10B3-48	25	87	60	*130	1587
50	252.82	260.3	10B1-50	20	67	40	*100	5.26	10B2-50	25	87	50	*130	1182	10B3-50	25	87	60	*130	1713
57	288.18	296.0	10B1-57	25	67	40	*100	6.27	10B2-57	25	87	50	*130	1479	10B3-57	25	87	60	*130	2200
60	303.33	310.8	10B1-60	25	67	40	*100	7.33	10B2-60	25	87	50	*130	1746	10B3-60	25	87	60	*130	2495
<b>Cast Steel Sprocket</b>																				
57	288.18	296.0	10B1-57	23	54	45	90	4.30	10B2-57	29	60	66	100	7.50	10B3-57	31	60	56	100	9.30
76	384.15	392.1	10B1-76	23	54	50	90	6.50	10B2-76	29	60	63	100	9.30	10B3-76	34	66	63	100	14.20
95	480.14	488.5	10B1-96	23	60	56	100	9.20	10B2-95	29	66	63	110	10.50	10B3-95	34	75	63	110	18.50
114	576.13	584.1	10B1-114	23	60	56	100	14.00	10B2-114	29	75	70	125	17.00	10B3-114	34	75	70	125	26.00

All dimensions in mm.

Steel Sprocket 8 to 35 tooth minimum U.T.S. 600N/mm<sup>2</sup>-Above35T - 410N/mm<sup>2</sup>

Sprockets can be reworked 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.

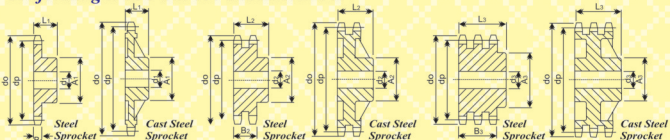
†Min. toleranced bore which can be machined in sprocket.

# Standard Sprockets for $\frac{3}{4}$ " Pitch

## Chains Type 12B & ANSI - 60



Conforming to ISO Std 606 and Ansi B29.1



### Simplex Sprockets

Chain No.	12B-1	ANSI-60-1
Pitch	19.5mm	19.05mm
Roller Dia.	12.07mm	11.91mm
Inside Width	11.68mm	12.7mm
Tooth Width B <sub>1</sub>	11.1mm	11.6mm

### Duplex Sprockets

Chain No.	12B-2	ANSI-60-2
Pitch	19.05mm	19.05mm
Roller Dia.	12.07mm	11.91mm
Inside Width	11.68mm	12.7mm
Tooth Width B <sub>1</sub>	30.3mm	34.1mm

### Triplex Sprockets

Chain No.	12B-3	ANSI-60-3
Pitch	19.05mm	19.05mm
Roller Dia.	12.07mm	11.91mm
Inside Width	11.68mm	12.7mm
Tooth Width B <sub>1</sub>	49.8mm	56.9mm

No. Teeth Z	Pitch Circle Ø dp	Outside Ø do	Simplex Sprocket						Duplex Sprocket					Triplex Sprocket						
			Cat. No.	Min. T 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. T 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. T 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
<b>Steel Sprocket</b>																				
8	49.78	57.6	12B1-08	12	20	30	31	21	12B2-08	12	20	45	31	.31	12B3-08	16	20	65	31	.45
9	55.70	62.0	12B1-09	12	25	30	37	30	12B2-09	12	25	45	37	.44	12B3-09	16	25	65	37	.54
10	61.64	69.0	12B1-10	12	28	30	42	.38	12B2-10	12	28	45	42	.59	12B3-10	16	28	65	42	.87
11	67.61	75.0	12B1-11	14	31	35	46	.51	12B2-11	16	31	50	47	.77	12B3-11	20	31	70	47	1.10
12	73.61	81.5	12B1-12	14	35	35	52	.65	12B2-12	16	35	50	53	.98	12B3-12	20	35	70	53	1.39
13	79.59	87.5	12B1-13	14	38	35	58	.80	12B2-13	16	39	50	59	1.21	12B3-13	20	39	70	59	1.72
14	85.61	93.2	12B1-14	14	42	35	64	.97	12B2-14	16	43	50	65	1.46	12B3-14	20	43	70	65	2.08
15	91.63	99.8	12B1-15	14	46	35	70	1.16	12B2-15	16	47	50	71	1.74	12B3-15	20	47	70	71	2.47
16	97.65	105.5	12B1-16	16	50	35	75	1.34	12B2-16	20	51	50	77	2.04	12B3-16	20	51	70	77	2.80
17	103.67	111.5	12B1-17	16	54	35	80	1.53	12B2-17	20	56	50	83	2.36	12B3-17	20	56	70	83	3.25
18	109.71	118.0	12B1-18	16	54	35	80	1.61	12B2-18	20	59	50	89	2.70	12B3-18	20	59	70	89	3.74
19	115.75	124.2	12B1-19	16	54	35	80	1.70	12B2-19	20	63	50	95	3.07	12B3-19	20	63	70	95	4.25
20	121.78	129.7	12B1-20	16	54	35	80	1.79	12B2-20	20	67	50	100	3.44	12B3-20	20	67	70	100	4.78
21	127.82	136.0	12B1-21	20	60	40	90	2.34	12B2-21	20	67	50	100	3.70	12B3-21	20	67	70	100	5.20
22	133.86	141.8	12B1-22	20	60	40	90	2.44	12B2-22	20	67	50	100	3.97	12B3-22	20	67	70	100	5.65
23	139.90	149.0	12B1-23	20	60	40	90	2.55	12B2-23	20	74	50	100	4.51	12B3-23	20	74	70	110	6.38
24	145.94	153.9	12B1-24	20	60	40	90	2.66	12B2-24	20	74	50	100	4.81	12B3-24	20	74	70	110	6.87
25	152.00	160.0	12B1-25	20	60	40	90	2.77	12B2-25	20	80	50	100	5.41	12B3-25	20	80	70	120	7.67
26	158.04	165.9	12B1-26	20	63	40	95	3.06	12B2-26	20	80	50	120	5.74	12B3-26	20	80	70	120	8.21
27	164.09	172.3	12B1-27	20	63	40	95	3.19	12B2-27	20	80	50	120	6.08	12B3-27	20	80	70	120	8.77
28	170.13	178.0	12B1-28	20	63	40	95	3.32	12B2-28	20	80	50	120	6.44	12B3-28	20	80	70	120	9.36
29	176.19	184.1	12B1-29	20	63	40	95	3.45	12B2-29	20	80	50	120	6.81	12B3-29	20	80	70	120	9.96
30	182.25	190.5	12B1-30	20	63	40	95	3.59	12B2-30	20	80	50	120	7.19	12B3-30	20	80	70	120	10.6
31	188.31	196.3	12B1-31	20	67	40	100	3.73	12B2-31	20	80	50	*120	7.59	12B3-31	25	87	70	*130	11.6
32	194.35	203.3	12B1-32	20	67	40	100	3.88	12B2-32	20	80	50	*120	8.00	12B3-32	25	87	70	*130	12.3
33	200.40	209.3	12B1-33	20	67	40	100	4.04	12B2-33	20	80	50	*120	8.42	12B3-33	25	87	70	*130	13.0
34	206.46	214.6	12B1-34	20	67	40	100	4.20	12B2-34	20	80	50	*120	8.86	12B3-34	25	87	70	*130	13.7
35	212.52	221.0	12B1-35	20	67	40	100	4.36	12B2-35	20	80	50	*120	9.32	12B3-35	25	87	70	*130	14.4
36	218.58	226.8	12B1-36	25	67	40	100	4.65	12B2-36	25	80	50	*120	9.7	12B3-36	25	87	70	*130	15.2
37	224.64	232.9	12B1-37	25	67	40	100	4.87	12B2-37	25	80	50	*120	10.2	12B3-37	25	87	70	*130	16.0
38	230.69	239.0	12B1-38	25	67	40	100	5.00	12B2-38	25	80	50	*120	10.7	12B3-38	25	87	70	*130	16.8
39	236.75	245.1	12B1-39	25	67	40	100	5.19	12B2-39	25	80	50	*120	11.2	12B3-39	25	87	70	*130	17.6
40	242.81	251.3	12B1-40	25	67	40	100	5.37	12B2-40	25	80	50	*120	11.8	12B3-40	25	87	70	*130	18.5
42	254.92	264.5	12B1-42	25	74	56	*110	7.42	12B2-42	25	94	63	*140	15.1	12B3-42	25	94	70	*140	20.7
45	273.09	282.5	12B1-45	25	74	56	*110	8.06	12B2-45	25	94	63	*140	16.9	12B3-45	25	94	70	*140	23.6
48	291.27	300.1	12B1-48	25	74	56	*110	8.72	12B2-48	25	94	63	*140	18.7	12B3-48	25	94	70	*140	26.6
50	303.39	312.3	12B1-50	25	74	56	*110	9.21	12B2-50	25	94	63	*140	20.0	12B3-50	25	94	70	*140	28.8
57	345.81	355.4	12B1-57	25	74	56	*110	11.10	12B2-57	25	94	63	*140	25.2	12B3-57	25	94	70	*140	37.0
60	363.99	373.0	12B1-60	25	74	56	*110	11.94	12B2-60	25	94	63	*140	27.5	12B3-60	25	94	70	*140	40.8
<b>Cast Steel Sprocket</b>																				
57	345.81	354.0	12B1-57	29	60	56	100	6.7	12B2-57	29	72	63	120	12.0	12B3-57	39	86	70	140	16.5
76	460.98	469.9	12B1-76	29	60	56	100	10.3	12B2-76	29	80	63	135	17.0	12B3-76	39	94	75	160	24.0
95	576.17	585.1	12B1-95	29	60	56	100	14.2	12B2-95	29	80	70	135	21.0	12B3-95	39	102	82	170	32.0
114	691.36	700.6	12B1-114	29	60	56	100	23.3	12B2-114	44	80	70	135	30.5	12B3-114	49	102	82	170	46.0

All dimensions in mm.

Steel Sprocket 8 to 30 tooth minimum U.T.S. 600N/mm<sup>2</sup>-Above 30T - 410N/mm<sup>2</sup>

Sprockets can be reworked 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.

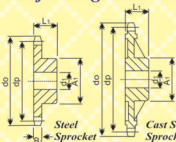
†Min. tolerated bore which can be machined in sprocket.

# Standard Sprockets for 1" Pitch Chains Type 16B & ANSI - 80

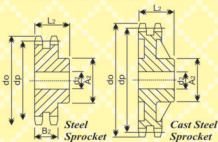
Conforming to ISO Std 606 and Ansi B29.1



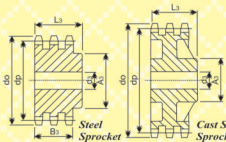
ISO 9001:2008 Certified Company



Cast Steel Sprocket



Cast Steel Sprocket



Steel Sprocket

Cast Steel Sprocket

## Simplex Sprockets

Chain No.	16B-1	ANSI-80-1
Pitch	25.4mm	25.4mm
Roller Dia.	15.88mm	15.88mm
Inside Width	17.02mm	15.88mm
Tooth Width B <sub>1</sub>	16.2mm	14.6mm

## Duplex Sprockets

Chain No.	16B-2	ANSI-80-2
Pitch	25.4mm	25.4mm
Roller Dia.	15.88mm	15.88mm
Inside Width	17.02mm	15.88mm
Tooth Width B <sub>1</sub>	47.7mm	43.4mm

## Triplex Sprockets

Chain No.	16B-3	ANSI-80-3
Pitch	25.4mm	25.4mm
Roller Dia.	15.88mm	15.88mm
Inside Width	17.02mm	15.88mm
Tooth Width B <sub>1</sub>	76.6mm	72.7mm

No. Teeth Z	Pitch Circle Ø dp	Outside Ø do	Simplex Sprocket					Duplex Sprocket					Triplex Sprocket							
			Cat. No.	Min. T 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. T 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. T 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
<b>Steel Sprocket</b>																				
8	66.37	77.0	16B1-08	16	28	35	42	.47	16B2-08	16	28	65	42	.81	16B3-08	20	28	95	42	1.18
9	74.27	85.0	16B1-09	16	34	35	50	.65	16B2-09	16	34	65	50	1.15	16B3-09	20	34	95	50	1.68
10	82.19	93.0	16B1-10	16	36	35	55	.82	16B2-10	16	37	65	56	1.52	16B3-10	20	37	95	56	2.23
11	90.14	99.5	16B1-11	16	40	40	61	1.06	16B2-11	20	43	70	64	2.08	16B3-11	25	43	100	64	2.85
12	98.14	109.0	16B1-12	16	46	40	69	1.34	16B2-12	20	47	70	72	2.60	16B3-12	25	47	100	72	3.61
13	106.12	117.0	16B1-13	16	52	40	78	1.68	16B2-13	20	54	70	80	3.19	16B3-13	25	54	100	80	4.45
14	114.15	125.0	16B1-14	16	56	40	84	2.03	16B2-14	20	58	70	88	3.83	16B3-14	25	58	100	88	5.36
15	122.17	133.0	16B1-15	16	61	40	92	2.41	16B2-15	20	64	70	96	4.52	16B3-15	25	64	100	96	6.36
16	130.20	141.0	16B1-16	20	67	45	100	3.12	16B2-16	25	69	70	104	5.17	16B3-16	30	69	100	104	7.27
17	138.22	149.0	16B1-17	20	67	45	100	3.31	16B2-17	25	75	70	112	5.98	16B3-17	30	75	100	112	8.43
18	146.28	157.0	16B1-18	20	67	45	100	3.52	16B2-18	25	80	70	120	6.84	16B3-18	30	80	100	120	9.67
19	154.33	165.2	16B1-19	20	67	45	100	3.74	16B2-19	25	85	70	128	7.76	16B3-19	30	85	100	128	11.10
20	162.38	173.2	16B1-20	20	67	45	100	3.97	16B2-20	25	87	70	130	8.52	16B3-20	30	87	100	130	12.2
21	170.43	181.2	16B1-21	20	74	50	110	4.89	16B2-21	25	87	70	*130	9.2	16B3-21	30	87	100	*130	13.4
22	178.48	189.3	16B1-22	20	74	50	110	5.14	16B2-22	25	87	70	*130	10.0	16B3-22	30	87	100	*130	14.7
23	186.53	197.5	16B1-23	20	74	50	110	5.41	16B2-23	25	87	70	*130	10.8	16B3-23	30	87	100	*130	16.0
24	194.59	205.5	16B1-24	20	74	50	110	5.69	16B2-24	25	87	70	*130	11.7	16B3-24	30	87	100	*130	17.4
25	202.66	213.5	16B1-25	20	74	50	110	5.99	16B2-25	25	87	70	*130	12.5	16B3-25	30	87	100	*130	18.8
26	210.72	221.6	16B1-26	20	80	50	120	6.78	16B2-26	25	87	70	*130	13.5	16B3-26	30	87	100	*130	20.4
27	218.79	229.6	16B1-27	20	80	50	120	7.10	16B2-27	25	87	70	*130	14.4	16B3-27	30	87	100	*130	21.9
28	226.85	237.7	16B1-28	20	80	50	120	7.43	16B2-28	25	87	70	*130	15.4	16B3-28	30	87	100	*130	23.6
29	234.92	245.8	16B1-29	20	80	50	120	7.78	16B2-29	25	87	70	*130	16.4	16B3-29	30	87	100	*130	25.3
30	243.00	254.0	16B1-30	20	80	50	120	8.13	16B2-30	25	87	70	*130	17.5	16B3-30	30	87	100	*130	27.1
31	251.08	262.0	16B1-31	25	80	50	*120	8.50	16B2-31	25	94	70	*140	19.0	16B3-31	30	94	100	*140	29.3
32	259.13	270.0	16B1-32	25	80	50	*120	8.88	16B2-32	25	94	70	*140	20.1	16B3-32	30	94	100	*140	31.2
33	267.21	278.5	16B1-33	25	80	50	*120	9.28	16B2-33	25	94	70	*140	21.3	16B3-33	30	94	100	*140	33.1
34	275.28	287.0	16B1-34	25	80	50	*120	9.68	16B2-34	25	94	70	*140	22.5	16B3-34	30	94	100	*140	35.2
35	283.36	296.2	16B1-35	25	80	50	*120	10.10	16B2-35	25	94	70	*140	23.8	16B3-35	30	94	100	*140	37.3
36	291.44	304.6	16B1-36	25	80	50	*120	10.5	16B2-36	25	94	70	*140	25.1	16B3-36	30	94	100	*140	39.4
37	299.51	312.6	16B1-37	25	80	50	*120	11.0	16B2-37	25	94	70	*140	26.4	16B3-37	30	94	100	*140	41.6
38	307.59	320.7	16B1-38	25	80	50	*120	11.5	16B2-38	25	94	70	*140	27.8	16B3-38	30	94	100	*140	43.9
39	315.67	328.8	16B1-39	25	80	50	*120	11.9	16B2-39	25	94	70	*140	29.2	16B3-39	30	94	100	*140	46.3
40	323.75	336.9	16B1-40	25	80	50	*140	12.4	16B2-40	25	94	70	*140	30.7	16B3-40	30	94	100	*140	48.7
42	339.89	353.0	16B1-42	25	94	70	*125	17.4	16B2-42	25	100	80	*150	35.6	16B3-42	30	107	100	*160	54.7
45	364.12	377.1	16B1-45	25	94	70	*125	19.0	16B2-45	25	100	80	*150	40.4	16B3-45	30	107	100	*160	62.7
48	388.36	401.3	16B1-48	25	94	70	*125	20.8	16B2-48	30	100	80	*150	45.5	16B3-48	30	107	100	*160	71.3
50	404.52	417.4	16B1-50	25	94	70	*125	22.0	16B2-50	30	100	80	*150	49.1	16B3-50	30	107	100	*160	77.3
57	461.08	474.0	16B1-57	25	94	70	*125	26.7	16B2-57	30	107	90	*160	65.2	16B3-57	40	120	110	*180	102.9
60	485.33	498.3	16B1-60	25	94	80	*140	30.1	16B2-60	40	107	90	*160	71.4	16B3-60	40	120	110	*180	113.8
<b>Cast Steel Sprocket</b>																				
57	461.08	474.0	16B1-57	34	75	70	125	13.0	16B2-57	39	96	90	160	20.8	16B3-57	44	100	100	165	42.0
76	614.64	627.0	16B1-76	34	84	80	140	25.3	16B2-76	39	105	95	175	44.0	16B3-76	44	120	110	200	63.0
95	768.22	781.0	16B1-95	39	84	80	140	36.0	16B2-95	44	105	95	175	56.0	16B3-95	49	120	110	200	88.0
114	921.81	934.0	16B1-114	39	90	80	150	46.5	16B2-114	44	105	95	175	61.0	16B3-114	49	120	115	200	90.0

All dimensions in mm.

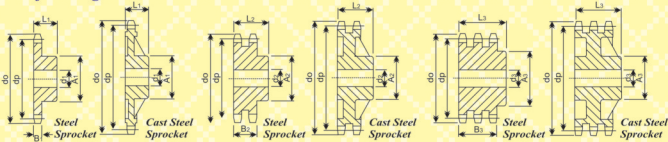
Steel Sprocket 8 to 21 tooth minimum U.T.S. 600N/mm<sup>2</sup>-Above 21T - 410N/mm<sup>2</sup>

Sprockets can be reworked 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. tolerated bore which can be machined in sprocket.

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



## 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>1</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>1</sub>	91.0mm	88.6mm

No. Teeth Z	Pitch Circle Ø dp	Outside Ø do	Simplex Sprocket					Duplex Sprocket					Triplex Sprocket							
			Cat. No.	Min. T 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. T 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. T 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
<b>Steel Sprocket</b>																				
8	82.96	98.1	20B-108	20	35	40	53	65	20B-208	20	35	75	53	157	20B-308	25	35	110	53	2.14
9	92.84	108.0	20B-109	20	42	40	63	1.18	20B-209	20	42	75	63	2.19	20B-309	25	42	110	63	3.04
10	102.74	117.9	20B-110	20	46	40	70	1.50	20B-210	20	46	75	70	2.84	20B-310	25	46	110	70	4.02
11	112.68	127.8	20B-111	20	51	45	77	2.02	20B-211	25	54	80	80	3.71	20B-311	30	54	115	80	5.17
12	122.68	137.8	20B-112	20	58	45	88	2.57	20B-212	25	60	80	90	4.65	20B-312	30	60	115	90	6.53
13	132.65	147.8	20B-113	20	65	45	98	3.14	20B-213	25	67	80	100	5.69	20B-313	30	67	115	100	8.03
14	142.68	157.8	20B-114	20	72	45	105	3.77	20B-214	25	74	80	110	6.83	20B-314	30	74	115	110	9.68
15	152.72	167.9	20B-115	20	78	45	118	4.45	20B-215	25	80	80	120	8.07	20B-315	30	80	115	120	11.5
16	162.75	177.9	20B-116	25	80	50	120	5.22	20B-216	30	80	80	120	8.88	20B-316	30	80	115	120	13.1
17	172.78	187.9	20B-117	25	80	50	120	5.57	20B-217	30	80	80	120	9.90	20B-317	30	80	115	120	14.7
18	182.85	198.0	20B-118	25	80	50	120	5.95	20B-218	30	80	80	120	11.0	20B-318	30	80	115	120	16.5
19	192.91	208.1	20B-119	25	80	50	120	6.36	20B-219	30	80	80	120	12.2	20B-319	30	80	115	120	18.4
20	202.98	218.1	20B-120	25	80	50	120	6.77	20B-220	30	80	80	120	13.4	20B-320	30	80	115	120	20.5
21	213.04	228.2	20B-121	30	94	55	140	8.73	20B-221	30	94	80	140	15.5	20B-321	30	94	115	140	23.4
22	223.11	238.2	20B-122	30	94	55	140	9.20	20B-222	30	94	80	140	16.9	20B-322	30	94	115	140	25.6
23	233.17	248.3	20B-123	30	94	55	140	9.68	20B-223	30	94	80	140	18.3	20B-323	30	94	115	140	28.0
24	243.23	258.4	20B-124	30	94	55	140	10.2	20B-224	30	94	80	140	19.8	20B-324	30	94	115	140	30.5
25	253.33	268.5	20B-125	30	94	55	140	10.8	20B-225	30	94	80	140	21.4	20B-325	30	94	115	140	33.1
26	263.40	278.6	20B-126	30	100	55	150	12.0	20B-226	30	100	80	150	23.4	20B-326	30	100	115	150	36.2
27	273.49	288.6	20B-127	30	100	55	150	12.6	20B-227	30	100	80	150	25.1	20B-327	30	100	115	150	39.0
28	283.56	298.7	20B-128	30	100	55	150	13.2	20B-228	30	100	80	150	26.9	20B-328	30	100	115	150	42.0
29	293.65	308.8	20B-129	30	100	55	150	13.8	20B-229	30	100	80	150	28.8	20B-329	30	100	115	150	45.0
30	303.75	318.9	20B-130	30	100	55	150	14.4	20B-230	30	100	80	150	30.7	20B-330	30	100	115	150	48.2
31	313.85	329.0	20B-131	30	100	55	150	15.1	20B-231	30	100	80	150	32.6	20B-331	30	100	115	150	51.5
32	323.91	339.1	20B-132	30	100	55	150	15.8	20B-232	30	100	80	150	34.7	20B-332	30	100	115	150	54.9
33	334.01	349.2	20B-133	30	100	55	150	16.5	20B-233	30	100	80	150	36.8	20B-333	30	100	115	150	58.4
34	344.10	359.3	20B-134	30	100	55	150	17.2	20B-234	30	100	80	150	39.0	20B-334	30	100	115	150	62.0
35	354.20	369.4	20B-135	30	100	55	150	18.0	20B-235	30	100	80	150	41.2	20B-335	30	100	115	150	65.8
36	364.30	379.5	20B-136	30	100	55	150	18.8	20B-236	30	100	80	150	43.6	20B-336	30	100	115	150	69.6
37	374.39	389.6	20B-137	30	100	55	150	19.6	20B-237	30	100	80	150	45.9	20B-337	30	100	115	150	73.6
38	384.49	399.6	20B-138	30	100	55	150	20.4	20B-238	30	100	80	150	48.4	20B-338	30	100	115	150	77.7
39	394.59	409.7	20B-139	30	100	55	150	21.3	20B-239	30	100	80	150	50.9	20B-339	30	100	115	150	86.2
40	404.69	419.8	20B-140	30	100	55	150	22.2	20B-240	30	100	80	150	53.5	20B-340	30	100	115	150	86.2
42	424.86	440.0	20B-142	30	100	70	150	26.8	20B-242	30	107	90	160	61.5	20B-342	40	120	110	180	95.8
45	455.15	470.3	20B-145	30	100	70	150	29.7	20B-245	30	107	90	160	70.1	20B-345	40	120	110	180	118.2
48	485.45	500.6	20B-148	30	100	70	150	33.0	20B-248	30	107	90	160	79.4	20B-348	40	120	110	180	125.6
50	505.65	520.8	20B-150	30	100	70	150	35.2	20B-250	30	107	90	160	85.9	20B-350	40	120	110	180	136.4
57	576.35	591.5	20B-157	30	100	80	150	45.2	20B-257	30	107	100	160	112.0	20B-357	40	120	125	180	180.8
60	606.66	621.8	20B-160	30	100	80	150	49.2	20B-260	30	107	100	160	123.8	20B-360	40	120	125	180	200.3
<b>Cast Steel Sprocket</b>																				
57	576.35	591.5	20B-157	39	80	80	135	25.6	20B-257	49	96	100	160	45.0	20B-357	62	108	125	180	65.0
76	768.30	783.5	20B-176	49	84	90	140	39.0	20B-276	55	108	100	180	65.0	20B-376	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 returned 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.

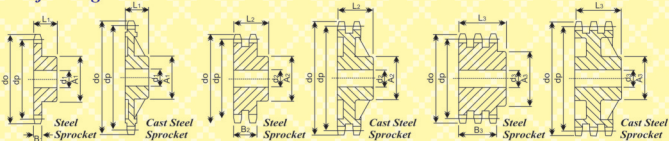
†Min. toleranced bore which can be machined in sprocket.



# Standard Sprockets for 1 1/2" Pitch Chains Type 24 B & ANSI - 120



Conforming to ISO Std 606 and Ansi - B29.1



## Simplex Sprockets

Chain No.	24B-1	ANSI-120-1
Pitch	38.1mm	38.1mm
Roller Dia.	25.4mm	22.22mm
Inside Width	25.4mm	25.4mm
Tooth Width B <sub>1</sub>	24.1mm	23.5mm

## Duplex Sprockets

Chain No.	24B-2	ANSI-120-2
Pitch	38.1mm	38.1mm
Roller Dia.	25.4mm	22.22mm
Inside Width	25.4mm	25.4mm
Tooth Width B <sub>2</sub>	25.0mm	68.3mm

## Triplex Sprockets

Chain No.	24B-3	ANSI-120-3
Pitch	38.1mm	38.1mm
Roller Dia.	25.4mm	22.22mm
Inside Width	25.4mm	25.4mm
Tooth Width B <sub>3</sub>	120.3mm	113.7mm

No. Teeth Z	Pitch Circle Ø dp	Outside Ø do	Simplex Sprocket						Duplex Sprocket						Triplex Sprocket					
			Cat. No.	Min.1 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.1 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.1 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
<b>Steel Sprocket</b>																				
8	99.5	115.0	24B1-08	20	38	45	58	1.35	24B2-08	25	38	95	58	2.66	24B3-08	25	38	140	58	3.95
9	111.40	126.4	24B1-09	20	46	45	70	1.88	24B2-09	25	46	95	70	3.75	24B3-09	25	46	140	70	5.56
10	123.29	138.0	24B1-10	20	54	45	80	2.42	24B2-10	25	54	95	80	4.96	24B3-10	25	54	140	80	7.38
11	135.21	150.0	24B1-11	25	60	50	90	3.22	24B2-11	25	60	100	90	6.56	24B3-11	30	60	150	90	9.66
12	147.22	162.0	24B1-12	25	68	50	102	4.04	24B2-12	25	68	100	102	8.22	24B3-12	30	68	150	102	12.2
13	159.18	174.2	24B1-13	25	76	50	114	4.95	24B2-13	25	76	100	114	10.1	24B3-13	30	76	150	114	15.0
14	171.22	186.2	24B1-14	25	85	50	128	6.03	24B2-14	25	85	100	128	12.2	24B3-14	30	85	150	128	18.1
15	183.26	198.4	24B1-15	25	94	50	140	7.13	24B2-15	25	94	100	140	14.4	24B3-15	30	85	150	132	21.4
16	195.30	210.3	24B1-16	25	94	55	*140	8.31	24B2-16	30	94	100	*140	16.0	24B3-16	30	92	150	*136	24.9
17	207.34	222.3	24B1-17	25	94	55	*140	8.96	24B2-17	30	100	100	*140	18.4	24B3-17	30	94	150	*140	28.1
18	219.42	234.3	24B1-18	25	94	55	*140	9.64	24B2-18	30	100	100	*140	21.0	24B3-18	30	100	150	*150	32.0
19	231.49	246.5	24B1-19	25	94	55	*140	10.4	24B2-19	30	107	100	*140	23.2	24B3-19	30	107	150	*160	35.6
20	243.57	258.6	24B1-20	25	94	55	*140	11.2	24B2-20	30	107	100	*140	25.4	24B3-20	30	107	150	*160	39.4
21	255.65	270.6	24B1-21	30	100	60	*150	13.2	24B2-21	30	107	100	*160	29.7	24B3-21	40	107	150	*160	42.8
22	267.73	282.7	24B1-22	30	100	60	*150	14.1	24B2-22	30	107	100	*160	30.4	24B3-22	40	107	150	*160	47.0
23	279.80	294.8	24B1-23	30	100	60	*150	15.0	24B2-23	30	107	100	*160	33.1	24B3-23	40	107	150	*160	51.5
24	291.88	306.8	24B1-24	30	100	60	*150	15.9	24B2-24	30	107	100	*160	35.2	24B3-24	40	107	150	*160	56.1
25	304.00	319.0	24B1-25	30	100	60	*150	16.9	24B2-25	30	107	100	*160	38.8	24B3-25	40	107	150	*160	61.0
26	316.08	331.0	24B1-26	30	107	60	*160	18.6	24B2-26	30	107	100	*160	41.9	24B3-26	40	107	150	*160	66.1
27	328.19	343.2	24B1-27	30	107	60	*160	19.7	24B2-27	30	107	100	*160	45.1	24B3-27	40	107	150	*160	71.4
28	340.27	355.2	24B1-28	30	107	60	*160	20.8	24B2-28	30	107	100	*160	48.4	24B3-28	40	107	150	*160	77.0
29	352.38	367.3	24B1-29	30	107	60	*160	21.9	24B2-29	30	107	100	*160	51.8	24B3-29	40	107	150	*160	82.7
30	364.50	379.5	24B1-30	30	107	60	*160	23.1	24B2-30	30	107	100	*160	55.4	24B3-30	40	107	150	*160	88.7
31	376.62	391.6	24B1-31	30	107	60	*160	24.2	24B2-31	40	107	100	*160	58.7						
32	388.69	403.7	24B1-32	30	107	60	*160	25.5	24B2-32	40	107	100	*160	62.5	24B3-32	40	107	150	*160	101.3
33	400.81	415.8	24B1-33	30	107	60	*160	26.8	24B2-33	40	107	100	*160	66.5	24B3-33	40	107	150	*160	107.9
34	412.93	427.8	24B1-34	30	107	60	*160	28.2	24B2-34	40	107	100	*160	70.6	24B3-34	40	107	150	*160	114.8
35	425.04	440.0	24B1-35	30	107	60	*160	29.6	24B2-35	40	107	100	*160	74.8	24B3-35	40	107	150	*160	121.8
36	437.16	452.0	24B1-36	30	107	60	*160	31.0	24B2-36	40	107	100	*160	79.2	24B3-36	40	107	150	*160	129.1
37	449.27	464.2	24B1-37	30	107	60	*160	32.5	24B2-37	40	107	100	*160	83.7						
38	461.39	476.2	24B1-38	30	107	60	*160	34.0	24B2-38	40	107	100	*160	88.3	24B3-38	40	107	150	*160	144.3
39	473.50	488.5	24B1-39	30	107	60	*160	35.6	24B2-39	40	107	100	*160	93.0						
40	485.62	500.6	24B1-40	30	107	60	*160	37.2	24B2-40	40	107	100	*160	97.9	24B3-40	40	107	150	*160	160.4
42	509.83	524.7	24B1-42	30	107	90	*160	46.0	24B2-42	40	120	100	*180	108.6	24B3-42	40	135	150	*200	178.6
45	546.19	561.2	24B1-45	30	107	90	*160	51.5	24B2-45	40	120	100	*180	124.9	24B3-45	40	135	150	*200	205.6
48	582.54	597.4	24B1-48	30	107	90	*160	57.4	24B2-48	40	120	100	*180	142.2	24B3-48	40	135	150	*200	234.5
50	606.76	621.7	24B1-50	30	107	90	*160	61.6	24B2-50	40	120	100	*180	154.5	24B3-50	40	135	150	*200	255.0
57	691.62	706.5	24B1-57	30	107	100	*160	79.0	24B2-57	40	120	110	*200	205.1	24B3-57	40	135	150	*220	335.8
60	727.99	742.8	24B1-60	30	107	100	*160	85.5	24B2-60	40	120	110	*200	227.1	24B3-60	40	135	150	*220	371.5
<b>Cast Steel Sprocket</b>																				
57	691.62	706.5	24B1-57	44	96	100	160	42.5	24B2-57	54	120	110	200	73.0	24B3-57	62	108	120	200	117.0
76	982.96	936.9	24B1-76	44	96	100	170	68.0	24B2-76	54	132	120	220	127.0	24B3-76	69	120	150	250	180.0
95	1152.33	1167.3	24B1-95	50	102	125	200	82.0	24B2-95	55	132	140	220	163.0						

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 returned 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.

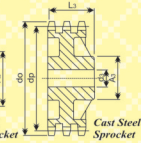
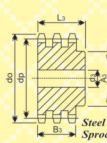
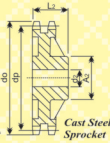
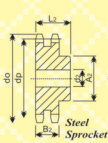
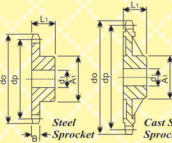
†Min. toleranced bore which can be machined in sprocket.

# Standard Sprockets for 1 $\frac{3}{4}$ " Pitch Chains Type 28 B & ANSI - 140



ISO 9001:2008 Certified Company

Conforming to ISO Std 606 and Ansi - B29.1



## Simplex Sprockets

Chain No.	28B-1	ANSI-140-1
Pitch	44.45mm	44.45mm
Roller Dia.	27.94mm	25.4mm
Inside Width	30.99mm	25.4mm
Tooth Width B <sub>1</sub>	29.4mm	23.5mm

## Duplex Sprockets

Chain No.	28B-2	ANSI-140-2
Pitch	44.45mm	44.45mm
Roller Dia.	27.94mm	25.4mm
Inside Width	30.99mm	25.4mm
Tooth Width B <sub>2</sub>	88.4mm	71.58mm

## Triplex Sprockets

Chain No.	28B-3	ANSI-140-3
Pitch	44.45mm	44.45mm
Roller Dia.	27.94mm	25.4mm
Inside Width	30.99mm	25.4mm
Tooth Width B <sub>3</sub>	184.0mm	120.45mm

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>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>1</sub>	Mix. Bore d <sub>1</sub>	L.T.B. L <sub>1</sub>	Hub Ø A <sub>1</sub>	App. Weight kg
<b>Steel Sprocket</b>																				
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	80	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	174.3	28B1-11	25	75	70	112	6.4	28B2-11	30	75	120	112	11.1	28B3-11	30	75	180	112	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	*160	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	*160	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	354.0	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	116.0
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	109.0
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	485.0	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	24B2-38	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	24B2-40	40	134	120	*200	164.5	24B3-40	40	134	180	*200	270.0
45	637.22	656.0	28B2-45	30	120	90	*180	82.0	28B2-45	40	135	120	*180	210.0	28B3-45	40	135	180	*200	344.0
50	707.91	726.0	28B2-50	40	120	90	*180	98.0	28B2-50	40	135	120	*180	259.0	28B3-50	40	135	180	*200	427.0
57	806.89	825.0	28B2-57	40	125	100	*200	130.0	28B2-57	40	145	120	*180	340.0	28B3-57	40	135	180	*200	560.0

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 reworked 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.

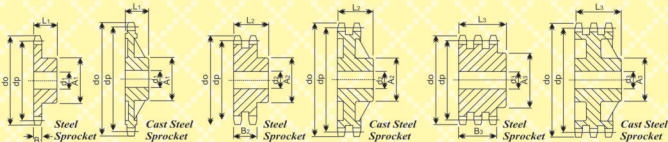
†Min. tolerated bore which can be machined in sprocket.

# Standard Sprockets for 2" Pitch Chains Type 32 B & ANSI - 160

Conforming to ISO Std 606 and Ansi - B29.1



ISO 9001:2008 Certified Company



## Simple Sprockets

Chain No.	32B-1	ANSI-160-1
Pitch	50.8mm	50.8mm
Roller Dia.	29.21mm	28.75mm
Inside Width	30.99mm	31.75mm
Tooth Width B <sub>1</sub>	29.4mm	29.36mm

## Duplex Sprockets

Chain No.	32B-2	ANSI-160-2
Pitch	50.8mm	50.8mm
Roller Dia.	29.21mm	28.75mm
Inside Width	30.99mm	31.75mm
Tooth Width B <sub>2</sub>	87.4mm	86.97mm

## Triplex Sprockets

Chain No.	32B-3	ANSI-160-3
Pitch	50.8mm	50.8mm
Roller Dia.	29.21mm	28.75mm
Inside Width	30.99mm	31.75mm
Tooth Width B <sub>3</sub>	146.0mm	145.52mm

No. Teeth Z	Pitch Circle Ø dp	Outside Ø do	Simple Sprocket					Duplex Sprocket					Triplex Sprocket							
			Cat. No.	Min.1 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.1 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.1 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
<b>Steel Sprocket</b>																				
8	132.69	153.2	32B1-08	30	55	80	82	4.2	32B1-08	30	55	120	82	6.6	32B1-08	30	55	180	82	9.8
9	148.54	169.0	32B1-09	30	58	80	88	5.7	32B1-09	30	58	120	88	9.1	32B1-09	30	58	180	88	13.6
10	164.44	185.0	32B1-10	30	69	80	104	7.6	32B1-10	30	69	120	104	12.0	32B1-10	30	69	180	104	17.9
11	180.34	200.8	32B1-11	30	80	80	*120	9.2	32B1-11	35	80	120	120	14.7	32B1-11	35	80	180	120	22.1
12	196.29	216.8	32B1-12	30	90	80	*133	10.8	32B1-12	35	90	120	*133	17.8	32B1-12	35	90	180	*133	27.1
13	212.29	232.8	32B1-13	30	97	80	*145	12.9	32B1-13	35	97	120	*145	21.6	32B1-13	35	97	180	*145	32.8
14	228.29	248.8	32B1-14	30	103	80	*155	15.0	32B1-14	35	103	120	*155	25.5	32B1-14	35	103	180	*155	38.9
15	244.30	264.8	32B1-15	30	107	80	*160	16.0	32B1-15	35	107	120	*160	29.4	32B1-15	35	107	180	*160	45.2
16	260.40	280.9	32B1-16	30	107	90	*160	19.2	32B2-16	40	107	120	*160	33.0	32B3-16	40	107	180	*160	51.2
17	276.40	296.9	32B1-17	30	114	90	*170	21.9	32B2-17	40	120	120	*180	38.5	32B3-17	40	120	180	*180	59.5
18	292.55	313.0	32B1-18	30	114	90	*170	23.4	32B2-18	40	120	120	*180	42.9	32B3-18	40	120	180	*180	66.9
19	308.66	329.1	32B1-19	30	114	90	*170	25.0	32B2-19	40	134	120	*200	49.2	32B3-19	40	134	180	*200	76.3
20	324.71	345.2	32B1-20	30	120	90	*180	28.0	32B2-20	40	134	120	*200	54.2	32B3-20	40	134	180	*200	84.6
21	340.82	361.3	32B1-21	40	120	90	*180	19.2	32B2-21	40	134	120	*200	59.4	32B3-21	40	134	180	*200	93.3
22	356.98	377.5	32B1-22	40	120	90	*180	21.9	32B2-22	40	134	120	*200	65.0	32B3-22	40	134	180	*200	102.5
23	373.08	393.6	32B1-23	40	120	90	*180	23.4	32B2-23	40	134	120	*200	70.8	32B3-23	40	134	180	*200	112.2
24	389.18	409.7	32B1-24	40	120	90	*180	25.0	32B2-24	40	134	120	*200	76.9	32B3-24	40	134	180	*200	122.4
25	405.33	425.8	32B1-25	40	120	90	*180	28.0	32B2-25	40	134	120	*200	83.3	32B3-25	40	134	180	*200	133.0
26	421.44	441.9	32B1-26	40	120	90	*180	40.0	32B2-26	40	134	120	*200	89.9	32B3-26	40	134	180	*200	144.1
27	437.59	458.1	32B1-27	40	120	90	*180	42.3	32B2-27	40	134	120	*200	96.8	32B3-27	40	134	180	*200	156.6
28	453.69	474.2	32B1-28	40	120	90	*180	44.7	32B2-28	40	134	120	*200	104.0	32B3-28	40	134	180	*200	167.6
29	469.90	490.4	32B1-29	40	120	90	*180	47.2												
30	486.00	506.5	32B1-30	40	120	90	*180	49.7	32B2-30	40	134	120	*200	119.3	32B3-30	40	134	180	*200	193.0
32	581.26	538.8	32B1-32	40	120	90	*180	55.2												
35	566.72	589.5	32B1-35	40	120	90	*180	64.0												
38	615.14	635.5	32B1-38	40	120	90	*180	73.6	32B2-38	40	134	120	*200	176.0	32B3-38	40	134	180	*200	285.0
40	647.49	670.3	32B1-40	40	120	90	*180	80.5												
45	728.25	751.0	32B1-45	40	120	100	*180	112.7	32B2-45	40	140	120	*200	274.0	32B3-45	40	140	180	*200	449.0
50	809.04	831.8	32B1-50	40	120	100	*180	134.9	32B2-50	40	140	120	*200	338.0	32B3-50	40	140	180	*200	557.0
57	922.16	993.4	32B1-57	40	120	100	*180	187.1	32B2-57	40	140	120	*220	476.0	32B3-57	40	165	180	*250	782.0

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

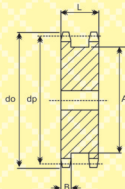
\*Sprockets with an asterisk on hub Ø may be of fabricated construction.

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

# Double Simplex Sprockets for $\frac{3}{8}$ " to 1" Pitch Standard Roller Chains



ISO 9001:2008 Certified Company



## Simplex Sprocket

Chain No.	Tooth Width B
06B-1	5.3
08B-1	7.2
10B-1	9.2
ANSI 50	9.2
12B-1	11.2
16B-1	16.2

Cat No.	No. of Teeth	Pitch Circle $\phi$ dp	Outside $\phi$ do	Stock Bore d H8	Max Bore $\phi$	Hub Diameter A	Length L	Approx Weight kg
<b>For 3/8" Pitch Chains to ISO 606 - 06B-1</b>								
RM06B1-14	14	42.80	46.3	10	20	31	23.5	0.17
RM06B1-15	15	45.81	49.3	10	23	34	23.5	0.20
RM06B1-16	16	48.82	52.3	10	25	37	23.5	0.23
RM06B1-17	17	51.83	55.3	10	27	40	23.5	0.27
RM06B1-18	18	54.85	58.3	10	29	43	23.5	0.31
RM06B1-19	19	57.87	61.3	10	31	46	23.5	0.35
RM06B1-20	20	60.89	64.3	10	33	48	23.5	0.39
RM06B1-21	21	63.91	67.3	10	35	52	23.5	0.43
RM06B1-22	22	66.95	70.3	10	38	58	23.5	0.55
RM06B1-23	23	70.00	73.3	10	43	64	23.5	0.67
<b>For 1/2" Pitch Chains to ISO 606 - 08B-1</b>								
RM08B1-12	12	49.07	53.0	12	24	35	31	0.29
RM08B1-13	13	53.06	57.4	12	26	38	31	0.35
RM08B1-14	14	57.07	61.8	12	27	41	31	0.43
RM08B1-15	15	61.09	66.5	12	30	45	31	0.49
RM08B1-16	16	65.10	70.5	12	34	49	31	0.58
RM08B1-17	17	69.11	73.6	12	36	53	31	0.66
RM08B1-18	18	73.14	77.8	12	38	58	31	0.79
RM08B1-19	19	77.16	81.7	12	41	62	31	0.85
RM08B1-20	20	81.19	85.8	12	44	66	31	0.96
RM08B1-21	21	85.27	89.7	18	46	70	31	1.04
RM08B1-22	22	89.37	93.2	18	51	78	31	1.25
RM08B1-25	25	101.33	105.8	18	56	86	31	1.59
<b>For 5/8" Pitch Chains to ISO 606 - 10a-1 (ANSI 50) AND 10b-1</b>								
RM10B1-12	12	61.34	68.0	19	30	45	36.5	0.55
RM10B1-13	13	66.32	73.0	19	34	50	36.5	0.66
RM10B1-14	14	71.34	78.0	19	36	55	36.5	0.80
RM10B1-15	15	76.36	83.0	19	40	60	36.5	0.94
RM10B1-16	16	81.37	88.0	19	43	65	36.5	1.11
RM10B1-17	17	86.38	93.0	19	46	70	36.5	1.25
RM10B1-18	18	91.42	98.3	19	50	75	36.5	1.43
RM10B1-19	19	96.45	103.3	19	54	80	36.5	1.62
RM10B1-20	20	101.49	108.4	19	58	85	36.5	1.81
RM10B1-21	21	106.52	113.4	19	62	90	36.5	2.02
RM10B1-23	23	116.58	123.4	19	65	100	36.5	2.43
RM10B1-25	25	126.66	134.0	19	72	110	36.5	2.97
<b>For 3/4" Pitch Chains to ISO 606 - 12B-1</b>								
RM12B1-12	12	73.61	81.5	24	35	53	45	1.05
RM12B1-13	13	79.69	87.5	24	39	59	45	1.24
RM12B1-14	14	85.81	93.6	24	43	65	45	1.46
RM12B1-15	15	91.83	99.8	24	47	71	45	1.63
RM12B1-16	16	97.85	105.5	24	51	77	45	1.94
RM12B1-17	17	103.87	111.5	24	56	83	45	2.18
RM12B1-18	18	109.91	117.5	24	60	89	45	2.50
RM12B1-19	19	115.75	124.2	24	63	95	45	2.83
RM12B1-20	20	121.78	129.7	24	66	101	45	3.17
RM12B1-21	21	127.82	136.0	24	70	107	45	3.54
RM12B1-23	23	139.50	149.0	24	78	119	45	4.33
RM12B1-25	25	152.00	160.0	24	85	131	45	5.20
<b>For 1" Pitch Chains to ISO 606 - 16B-1</b>								
RM16B1-12	12	98.14	109.0	25	47	72	63.5	2.50
RM16B1-13	13	106.17	117.0	25	54	81	63.5	3.12
RM16B1-14	14	114.15	125.0	25	59	88	63.5	3.75
RM16B1-15	15	122.17	133.0	25	64	97	63.5	4.36
RM16B1-16	16	130.20	141.0	25	69	104	63.5	5.00
RM16B1-17	17	138.22	149.0	25	75	113	63.5	5.78
RM16B1-18	18	146.25	157.0	25	80	121	63.5	6.63
RM16B1-19	19	154.33	165.2	25	86	129	63.5	7.40
RM16B1-20	20	162.38	173.2	25	90	137	63.5	8.29
RM16B1-21	21	170.43	181.2	25	96	145	63.5	9.21
RM16B1-23	23	186.53	197.5	25	108	161	63.5	11.18
RM16B1-25	25	202.68	213.5	25	116	177	63.5	13.38

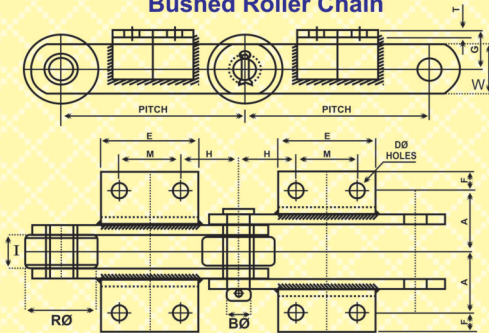
+Maximum bore sizes listed allow for B.S. Standard Key. For Plain Bore, sizes can be increased approximately 20%.

Note: Sprockets can be supplied finished bored, keyed and/or strewed to customers requirements.

Other sizes can be manufactured to order on short lead time.

\*When sprockets used for ANSI 50 chain, chains must be mounted with connecting links facing away from sprocket.

# Bushed Roller Chain



CHAIN NO.	PITCH P	BREAKING LOAD KGS	PIN		ROLLER		LINK			ATTACHMENT			
			B Ø	L APP.	R Ø	I	W	T	A	D Ø	E	G	M
RM-BRC-01	40	7000	10	46	30	18	25	5	28	7	P-20	19	--
RM-BRC-02	50	5000	9.5	40	30	15	25	3	30	10	P-25	18	--
RM-BRC-03	58.34	8000	10	48	19	22	28	6	37	12	P-27	17	--
RM-BRC-04	63.5	7500	15	70	25	23	30	5	40	11	P-45	18	--
RM-BRC-05	76.2	8000	10	55	38	20	30	5	38	11	P-38	24	--
RM-BRC-06	80	18000	16	84	60	42	50	7	50	18	P-50	35	--
RM-BRC-07	101.6	8000	10	65	48	30	30	5	65	13	P-72	29	38
RM-BRC-08	101.6	10000	16	57	50	20	40	5	35	11	P-63	20	--
RM-BRC-09	125	25000	20	96	80	45	65	8	65	18	P-60	40	--
RM-BRC-10	125	12000	15	75	30	30	40	5	50	10	P-60	40	--
RM-BRC-11	150	20000	20	102	60	50	50	8	70	11	P-30	45	--
RM-BRC-12	152.4	8000	13	60	40	26	30	5	45	11	P-100	15	60
RM-BRC-13	152.4	11000	10	52	38	20	30	6	63	12	P-80	40	45
RM-BRC-14	152.4	15000	16	75	48	32	45	6	45	15	P-56	25	--
RM-BRC-15	152.4	25000	22	95	76	35	50	10	65	18	P-90	45	65
RM-BRC-16	152.4	40000	25	90	80	40	70	12	50	18	P-120	55	80
RM-BRC-17	160	50000	23	135	90	55	75	10	75	15	P-120	70	85
RM-BRC-18	200	27000	20	111	80	52	50	10	70	18	P-130	55	90
RM-BRC-19	203.2	25000	22	110	88	44	70	10	65	18	P-125	56	83
RM-BRC-20	228.6	18000	19	100	88	52	50	7	73	14	P-140	63	90
RM-BRC-21	250	40000	30	122	90	54	70	10	50	22	P-180	120	130
RM-BRC-22	254	18000	20	100	70	45	50	8	65	14	P-120	30	70
RM-BRC-23	254	10000	16	81	58	45	40	5	75	14	P-120	42	35
RM-BRC-24	304.8	30000	22	120	76	57	65	10	73	14	P-203	64	152
RM-BRC-25	400	40000	29	120	90	50	70	12	80	18	P-260	35	160

**ALL DIMENSIONS ARE IN MM.**

**ATTACHMENT :** WELDED, RIVETTED, INTEGRAL TYPE WITH A1, A2, K1, K2, M1, G20, F TYPE ETC.

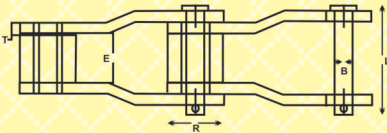
**ROLLER :** PLAIN / FLANGED TYPE

**PIN :** CONSTRUCTION RIVETTED / COTTERED TYPES

## Drive Chain

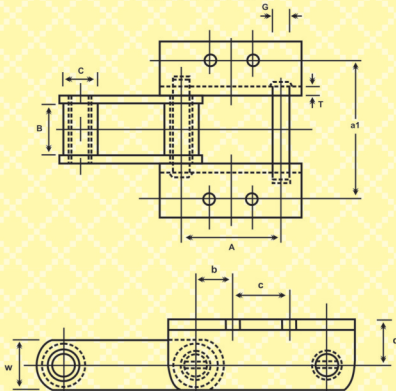


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RMEI CHAIN NO.	PITCH P	BREAKING LOAD KGS	PIN		ROLLER		LINK		
			B	L APP.	R	E	W	T	
RM-DC-01	63.5	35000	19.75	75	39.68	38	60	8	
RM-DC-02	66.26	13000	11.1	69	22.22	28	32	6.5	
RM-DC-03	77.9	49000	19	98	41.25	40	50	10	
RM-DC-04	78.11	21000	15.85	88	31.75	38	40	8	
RM-DC-05	78.11	35000	15.85	95	31.75	38	45	10	
RM-DC-06	78.486	62000	22.2	115	44.45	38	60	12.7	
RM-DC-07	102.45	77000	23.8	132	45.21	50	60	14	
RM-DC-08	114.3	94000	27.9	136	57.15	53	76	14	

## Elevator Chain

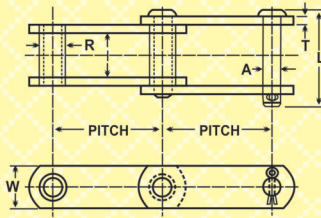


RMEI CHAIN NO.	PITCH A	BREAKING LOAD KG.	INSIDE WIDTH B	PIN DIA. G	ROLLER DIA. C	LINK		LINK		
						W	T	a1	c	d
RM-EC-01	101.6	25000	56.36	15.8	25.4	40	10	120.7	44.5	25.4
RM-EC-02	101.6	20000	50.8	15.8	31.75	40	8	120.7	44.5	34.9
RM-EC-03	101.6	28000	50.8	19.1	36.52	45	10	120.7	44.5	41.3
RM-EC-04	101.6	20000	38.1	15.8	34.93	40	8	120.7	63.5	34.9
RM-EC-05	116.94	20000	50.8	15.8	34.93	40	8	120.7	44.5	34.9
RM-EC-06	152.4	40000	50.8	19.1	41.3	60	10	120.7	58.7	50.8

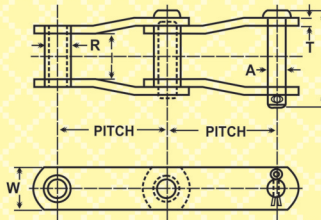
## Bushed Chains



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Straight Link



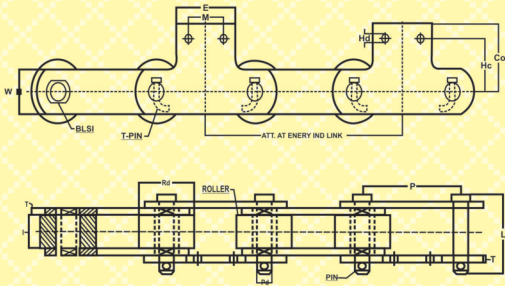
Crank Link

RMEI CHAIN NO.	PITCH P	BREAKING LOAD KGS	PIN		BUSH		LINK	
			A Ø	L APP.	R Ø	I	W	T
RM-BC-01	66.26	11000	12.70	62.0	21.43	27.50	30.0	5.0
RM-BC-02	80.00	30000	19.70	105.0	40.00	40.00	60.0	10.0
RM-BC-03	101.60	10000	15.70	90.0	23.80	54.00	40.0	5.0
RM-BC-04	101.60	10000	15.70	70.0	23.80	32.00	40.0	5.0
RM-BC-05	101.60	12000	15.70	77.0	35.00	35.00	50.0	6.0
RM-BC-06	101.60	18000	15.70	112.0	25.00	54.00	40.0	10.0
RM-BC-07	125.00	12000	14.70	85.0	25.00	29.00	40.0	10.0
RM-BC-08	125.00	30000	20.00	98.0	30.00	44.00	65.0	8.0
RM-BC-09	152.60	18000	15.70	115.0	32.00	54.00	40.0	10.0
RM-BC-10	152.60	25000	17.90	102.0	32.00	50.00	50.0	8.0
RM-BC-11	160.00	8000	14.10	64.0	20.00	25.00	40.0	5.0
RM-BC-12	228.60	28000	19.90	106.0	32.00	50.00	65.0	10.0
RM-BC-13	228.60	30000	25.40	150.0	63.50	63.50	65.0	12.7
RM-BC-14	228.60	40000	25.40	150.0	44.45	63.50	70.0	14.0
RM-BC-15	228.60	100000	38.10	165.0	60.30	76.20	90.0	16.0
RM-BC-16	304.80	28000	19.80	96.0	35.00	45.00	65.0	8.0

# Reclaimer Chain



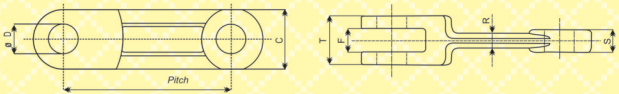
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RMEI CHAIN NO.	PITCH P	WIDTH Between inner plate		Roller Dia Rd	Inner link plate size		Outer link plate size		Lug plate size	Pin Dia Pd	Pin Length	Dist Oc	Length E	Hole			Min. Tensile strength M.T.
		I	T		W	T	Dia Hd	Dist Hc						Dist Co			
RM-RC-01	250	54	85	70	10	70	10	12	26	115	61	190	90	22	80	110	40
RM-RC-02	250	35	85	60	8	60	8	12	28	88	42	200	130	21	95	120	20
RM-RC-03	315	37	120	90	12	90	12	14	36	128	52	200	130	25	120	150	50
RM-RC-04	250	37	64	57	10	57	10	12	21	95	40	160	190	21	90	130	40
RM-RC-05	250	56	115	100	20	100	20	22	30	163	72	220	160	25	120	150	70
RM-RC-06	250	95	115	100	20	100	20	22	40	174	70	280	210	25	88	120	100
RM-RC-07	250	54	85	70	10	70	10	10	26	112	50	190	140	21	85	110	40
RM-RC-08	315	60	115	100	12	100	12	12	36	130	65	250	200	21	105	130	75
RM-RC-09	250	37	64	57	10	57	10	12	21	93	60	160	90	21	80	120	40
RM-RC-10	250	57	105	90	18	90	18	20	36	163	67	160	90	26	80	120	110
RM-RC-11	250	54	85	75	10	75	10	12	28	115	52	160	90	21	95	135	60
RM-RC-12	250	41	75	65	12	65	12	12	28	113	65	160	100	21	65	100	40
RM-RC-13	250	56	95	77	14	77	14	14	30	138	77	180	100	23	77	117	75
RM-RC-14	250	37	64	50	10	50	10	12	21	95	40	160	90	21	130	90	40
RM-RC-15	250	54	95	80	14	80	14	16	30	139	59	160	90	21	100	140	80
RM-RC-16	250	50	90	70	12	70	12	25	30	136	65	200	120	35	120	160	45
RM-RC-17	315	50	80	70	16	70	16	18	32	140	62	160	90	23	118	80	50
RM-RC-18	315	60	120	80	16	80	16	18	36	160	65	200	130	25	120	155	63
RM-RC-19	250	56	112	100	20	100	20	22	40	167	72	225	158	26	120	150	100
RM-RC-20	250	70	110	85	15	85	15	18	36	163	60	160	90	22	100	140	100



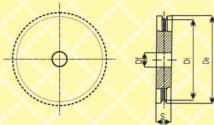
# SPROCKETS & DRIVEN WHEELS - RM10160-R



	<b>Pitch</b>	<b>T</b>	<b>C</b>	<b>S</b>	<b>F</b>	<b>R</b>	<b>ø D</b>
code	mm	mm	mm	mm	mm	mm	mm
<b>RM10160-R</b>	101,60	30	36	13	14	9	14

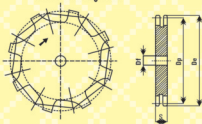
<b>Materials</b>	<b>MN</b>	<b>CN</b>	<b>C40</b>	<b>CD</b>
	20MnCr5	18NiCrMo5	C45	42CrMo4
<b>Treatment</b>	Case hardening	Case hardening	Hardening and tempering	Hardening and tempering
<b>(kN)</b> Average theoretical breaking load	180	195	235	330

Driven-wheel



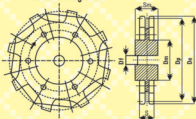
	<b>De</b>	<b>Di</b>	<b>Df</b>	<b>S</b>
code	mm	mm	mm	mm
RM10160-R/06R	160	136	25	40
RM10160R/08R	229	205	25	40
RM10160-R/10R	295	271	30	40
RM10160-R/12R	356	332	40	40
RM10160-R/14R	420	396	40	40

Monobloc driving-wheel



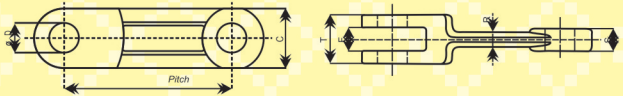
	<b>nr.teeth</b>	<b>Dp</b>	<b>De</b>	<b>Df</b>	<b>S</b>
code		mm	mm	mm	mm
RM10160-R/06C	6	203,20	216	30	40
RM10160R/08C	8	265,49	277	40	40
RM10160-R/10C	10	328,78	340	40	40
RM10160-R/12C	12	392,55	404	50	40
RM10160-R/14C	14	456,58	468	50	40

Sector driving-wheel



	<b>nr.teeth</b>	<b>Dp</b>	<b>De</b>	<b>Df</b>	<b>Dm</b>	<b>S</b>	<b>Sm</b>
code		mm	mm	mm	mm	mm	mm
RM10160-R/06S	6	203,20	216	25	85	40	75
RM10160R/08S	8	265,49	277	30	120	40	75
RM10160-R/10S	10	328,78	340	40	160	40	95
RM10160-R/12S	12	392,55	404	50	230	40	95
RM10160-R/14S	14	456,58	468	50	280	40	95

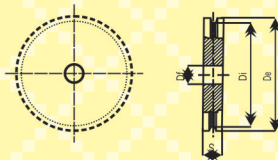
# SPROCKETS & DRIVEN WHEELS - RM14218



code	Pitch mm	T mm	C mm	S mm	F mm	R mm	Ø D mm
RM14218	142	42	50	19	20	11	25

Materials	MN 20MnCr5	CN 18NiCrMo5	C40 C45	CD 42CrMo4
Treatment	Case hardening	Case hardening	Hardening and tempering	Hardening and tempering
(kN)	290	320	370	550
Average theoretical breaking load				

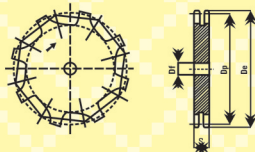
Driven-wheel



code	De mm	Di mm	Df mm	S mm
RM14218/06R	234	210	40	50
RM14218/07R	280	256	40	50
RM14218/08R	320	296	40	50
RM14218/09R	362	338	40	50
RM14218/10R	415	391	40	50
RM14218/11R	454	430	40	50
RM14218/12R	500	476	40	50
RM14218/13R	545	521	40	50
RM14218/14R	588	564	40	50
RM14218/15R	632	608	40	50
RM14218/16R	677	653	40	50

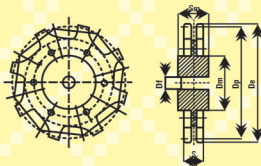
# SPROCKETS & DRIVEN WHEELS - RM14218

Monobloc driving-wheel



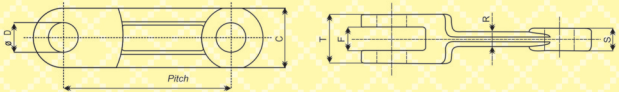
code	nr. teeth	Dp mm	De mm	Df mm	S mm
RM14218/06C	6	284,00	304	40	50
RM14218/07C	7	327,31	344	40	50
RM14218/08C	8	371,06	390	40	50
RM14218/09C	9	415,18	435	40	50
RM14218/10C	10	459,52	480	40	50
RM14218/11C	11	504,02	524	40	50
RM14218/12C	12	548,64	570	40	50
RM14218/13C	13	593,37	614	40	50
RM14218/14C	14	638,15	660	40	50
RM14218/15C	15	682,87	702	40	50
RM14218/16C	16	727,90	748	40	50

Sector driving-wheel



code	nr. teeth	Dp mm	De mm	Df mm	Dm mm	S mm	Sm mm
RM14218/06CS	6	284,00	304	40	120	62	90
RM14218/07CS	7	327,31	344	40	150	62	100
RM14218/08CS	8	371,06	390	40	180	62	100
RM14218/09CS	9	415,18	435	40	230	62	100
RM14218/10CS	10	459,52	480	40	240	62	110
RM14218/11CS	11	504,02	524	40	280	62	110
RM14218/12CS	12	548,64	570	40	330	62	110
RM14218/13CS	13	593,37	614	40	370	62	110
RM14218/14CS	14	638,15	660	40	450	62	110
RM14218/15CS	15	682,87	702	40	470	62	110
RM14218/16CS	16	727,90	748	40	500	62	110

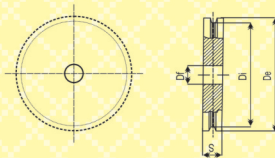
## SPROCKETS & DRIVEN WHEELS - RM14226



code	Pitch mm	T mm	C mm	S mm	F mm	R mm	ø D mm
<b>RM14226</b>	142	62	50	28	30	15	25

Materials	MN 20MnCr5	CN 18NiCrMo5	C40 C45	CD 42CrMo4
Treatment	Case hardening	Case hardening	Hardening and tempering	Hardening and tempering
(kN)	440	470	570	790
Average theoretical breaking load				

Driven-wheel

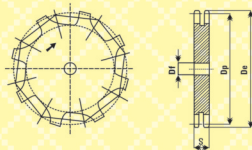


code	De mm	Di mm	Di mm	S mm
RM14226/06R	234	214	40	70
RM14226/07R	280	260	40	70
RM14226/08R	320	300	50	70
RM14226/09R	362	342	50	70
RM14226/10R	415	395	50	70
RM14226/11R	454	434	50	70
RM14226/12R	500	480	50	70
RM14226/13R	545	525	50	70
RM14226/14R	588	568	50	70
RM14226/15R	632	612	50	70
RM14226/16R	677	657	50	70



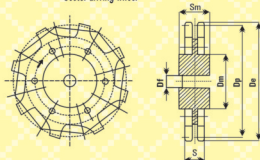
# SPROCKETS & DRIVEN WHEELS - RM14226

Monobloc driving-wheel



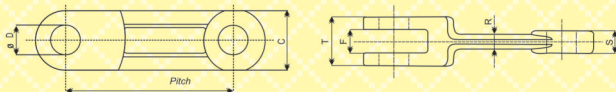
code	nr. teeth	Dp mm	De mm	Df mm	S mm
RM14226/06C	6	284,00	304	40	70
RM14226/07C	7	327,31	344	40	70
RM14226/08C	8	371,06	390	40	70
RM14226/09C	9	415,18	435	40	70
RM14226/10C	10	459,52	480	40	70
RM14226/11C	11	504,02	524	40	70
RM14226/12C	12	548,64	570	40	70
RM14226/13C	13	593,37	614	40	70
RM14226/14C	14	638,15	660	40	70
RM14226/15C	15	682,87	702	40	70
RM14226/16C	16	727,90	748	40	70

Sector driving-wheel



code	nr. teeth	Dp mm	De mm	Df mm	Dm mm	S mm	Sm mm
RM14226/06CS	6	284,00	304	40	120	70	90
RM14226/07CS	7	327,31	344	40	150	70	110
RM14226/08CS	8	371,06	390	40	180	70	110
RM14226/09CS	9	415,18	435	40	230	70	110
RM14226/10CS	10	459,52	480	40	240	70	110
RM14226/11CS	11	504,02	524	40	280	70	110
RM14226/12CS	12	548,64	570	40	330	70	110
RM14226/13CS	13	593,37	614	40	370	70	110
RM14226/14CS	14	638,15	660	40	450	70	110
RM14226/15CS	15	682,87	702	40	470	70	110
RM14226/16CS	16	727,90	748	40	500	70	110

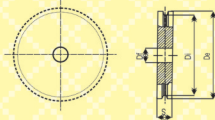
## SPROCKETS & DRIVEN WHEELS - RM26040



	<b>Pitch</b>	<b>T</b>	<b>C</b>	<b>S</b>	<b>F</b>	<b>R</b>	$\varnothing$ <b>D</b>
code	mm	mm	mm	mm	mm	mm	mm
<b>RM 26040</b>	260	70	75	31	33	20	32

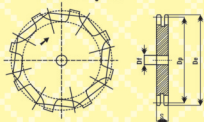
<b>Materials</b>	<b>MN</b>	<b>CN</b>	<b>C40</b>	<b>CD</b>
	20MnCr5	18NiCrMo5	C45	42CrMo4
<b>Treatment</b>	Case hardening	Case hardening	Hardening and tempering	Hardening and tempering
(kN)				
Average theoretical breaking load	840	900	1100	1480

Driven-wheel



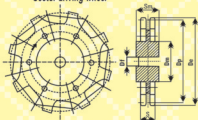
	<b>De</b>	<b>Di</b>	<b>Df</b>	<b>S</b>
code	mm	mm	mm	mm
RM26040/08R	604	580	60	80
RM26040/10R	766	742	60	80
RM26040/12R	929	905	60	80

Monobloc driving-wheel



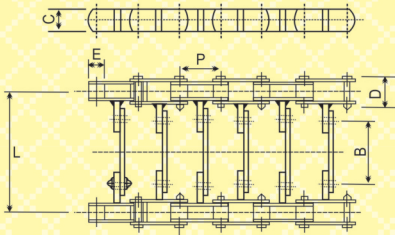
		<b>Dp</b>	<b>De</b>	<b>Df</b>	<b>S</b>
code	nr.teeth	mm	mm	mm	mm
RM26040/08C	8	679,41	709	60	80
RM26040/10C	10	841,37	870	60	80
RM26040/12C	12	1004,56	1035	60	80

Sector driving-wheel



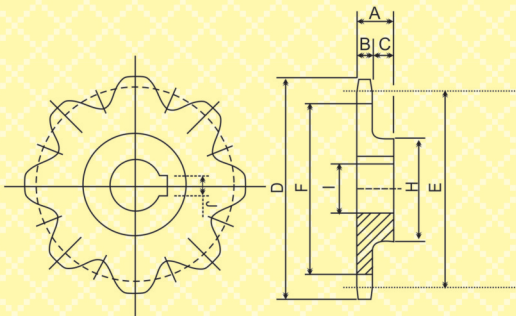
		<b>Dp</b>	<b>De</b>	<b>Df</b>	<b>Dm</b>	<b>S</b>	<b>Sm</b>
code	nr.teeth	mm	mm	mm	mm	mm	mm
RM26040/08CS	8	679,41	709	60	350	82	150
RM26040/10CS	10	841,37	870	60	400	82	150
RM26040/12CS	12	1004,56	1035	60	550	82	150

## DRAG CHAIN ASSEMBLY.









DRAG CHAIN ASSEMBLY

RMEI drag conveyors available with single or multiple chain stands, drag chain conveyors are designed to pull materials like Coal wood TDE lime and other materials we provide customize solution to our client as per the requirement.



DRAG CHAIN SPROCKET

## Sling Sheet - Lifting Capacity of Sling / Working Load Limit (MT)

Chain Size mm			Single leg	Endless	Multi-Leg slings at 90° angle			
					2 Legs	3 Legs	4 Legs	2 Loop
GR-30	GR-63	GR-80						
14	9	8	2.0	2.0	2.8	4.2	4.2	2.8
16	10	9	2.5	2.5	3.5	5.2	5.2	3.5
16	12	10	3.2	3.2	4.5	6.7	6.7	4.5
20	14	12	5.0	5.0	7.0	10.5	10.5	7.0
22	16	14	6.3	6.3	8.8	13.2	13.2	8.8
25	18	16	8.0	8.0	11.2	16.8	16.8	11.2
28	20	18	10.0	10.0	14.0	21.0	21.0	14.0
32	22	20	12.5	12.5	17.5	26.2	26.2	17.5
-	25	22	16.0	16.0	22.4	33.6	33.6	22.4
-	28	25	20.0	20.0	28.0	42.0	42.0	28.0
-	32	28	25.0	25.0	35.0	52.5	52.5	35.0
-	36	32	32.0	32.0	44.8	67.2	67.2	44.8

### RATING

#### Single Branch Sling

Single branch slings shall have a working load limit equal to that of the Chain used in their construction.

#### Multi- Branch Slings

Multi- branch slings shall be rated at a uniform working load limit for an angle between branches of 90°- 120° (45°- 60° to the vertical) or additionally at a uniform working load limit for any angle between branches of 90°- 120° (45°- 60° to the vertical)

#### Uniform Load Method

##### a) Double branch slings:

For all angles between branches from 0°- 90° (0°- 45° to the vertical)

WLL = 1.4 x WLL of a single branch made from similar chain. When additionally marked for angles between branches of 90°- 120° (45°- 60° to the vertical)

WLL = 1 x WLL of single branch made from similar chain.

##### b) Three and four branch slings:

For all angles between branches from 0°- 90° (0°- 45° to the vertical)

WLL = 2.1 x WLL of a single branch made from similar chain. When additionally marked for angles between branches of 90°- 120° (45°- 60° to the vertical)

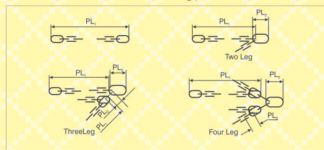
WLL = 1.5 x WLL of single branch made from similar chain.

NOTE: In the case of a three branch sling the angle between branches shall be taken as twice the angle to the vertical, that is 2x. In case of a four branch sling the angle between

branches shall be that between diagonally opposite branches.

### PROOF LOAD TESTING

After final heat treatment slings with accessories shall be tested as an assembly, multi- leg chain slings shall be tested in sections. Individual sections of the chain slings shall be subjected to 2.0 times the load to which the section will be subjected when the assembly is subjected to its working load limit in accordance with the following plan.



Factors for Working load limit	PL <sub>1</sub>	PL <sub>2</sub>	PL <sub>3</sub>
	1	1.4	2.1
Proof load (2 x WLL)	2	2.8	4.2

NOTE: For working load limits over 25 T, it is permissible to apply proof loads to the links PL<sub>2</sub> and PL<sub>3</sub>, reduced in accordance with ILO recommendations.





## Pitch Diameters & Outside Diameter

N = Number of teeth in sprocket, P = Pitch of Chain, y = Factor

PCD = Pitch x Factor = P x Y

S = Diameter of Chain roller = Diameter of measuring pin

D1 = Bottom diameter = PCD-S

D2 = Outside diameter this is normally formed by teeth cutter. Teeth height approximates to roller diameter (S) but will vary with No. of teeth (N) and teeth cutting method.

L = Dimension over measuring pins

for even No. of teeth = PcD +S

for odd No. of teeth = 0.5 PcD of sprocket having No. of teeth +S

RI = Clearance radius (allowing for minimum pitch extension due to chain wear)  
= 0.5 (1.05PcD+P)

RL = clearance radius (to permit assembly of chain between top of sprocket teeth & chain case) = 0.5 PcD+1.34P



### Calculation Factors

N	y	N	y	N	y	N	y	N	y	N	y
6	2.000	41	13.064	76	24.199	111	35.337	146	46.477	181	57.617
7	2.305	42	13.382	77	24.517	112	35.856	147	46.795	182	57.935
8	2.613	43	13.700	78	24.835	113	35.974	148	47.114	183	58.254
9	2.924	44	14.018	79	25.153	114	36.292	149	47.432	184	58.572
10	3.236	45	14.335	80	25.471	115	36.610	150	47.750	185	58.890
11	3.549	46	14.654	81	25.790	116	36.929	151	48.068	186	59.209
12	3.864	47	14.972	82	26.108	117	37.247	152	48.887	187	59.527
13	4.179	48	15.290	83	26.426	118	37.565	153	48.705	188	59.845
14	4.494	49	15.608	84	26.744	119	37.883	154	49.023	189	60.164
15	4.810	50	15.926	85	27.063	120	38.202	155	49.342	190	60.482
16	5.126	51	16.244	86	27.381	121	38.250	156	59.660	191	60.800
17	5.442	52	16.562	87	27.699	122	38.838	157	49.978	192	61.118
18	5.759	53	16.880	88	28.017	123	39.157	158	50.297	193	61.437
19	6.076	54	17.198	89	28.336	124	39.475	159	50.615	194	61.755
20	6.393	55	17.517	90	28.654	125	39.793	160	50.933	195	62.073
21	6.710	56	17.835	91	28.972	126	40.111	161	51.251	196	62.392
22	7.027	57	18.153	92	29.290	127	40.430	162	51.570	197	62.710
23	7.345	58	18.471	93	29.609	128	40.748	163	51.888	198	63.028
24	7.661	59	18.789	94	29.927	129	41.066	164	52.206	199	63.347
25	7.979	60	19.107	95	30.245	130	41.384	165	52.525	200	63.665
26	8.296	61	19.425	96	30.563	131	41.703	166	52.843	201	63.983
27	8.614	62	19.744	97	30.882	132	42.021	167	53.161	202	64.301
28	8.931	63	20.062	98	31.200	133	42.339	168	53.479	203	64.620
29	9.249	64	20.380	99	31.518	134	42.658	169	53.798	204	64.938
30	9.567	65	20.698	100	31.836	135	42.976	170	54.116	205	65.256
31	9.885	66	21.016	101	32.155	136	43.294	171	54.434	206	65.575
32	10.202	67	21.335	102	32.473	137	43.612	172	54.753	207	65.893
33	10.520	68	21.653	103	32.791	138	43.931	173	55.071	208	66.211
34	10.838	69	21.971	104	33.109	139	44.249	174	55.389	209	66.529
35	11.156	70	22.289	105	33.428	140	44.576	175	55.707	210	66.848
36	11.474	71	22.607	106	33.746	141	44.896	176	56.026	211	67.166
37	11.792	72	22.926	107	34.064	142	45.204	177	56.344	212	67.484
38	12.110	73	23.244	108	34.382	143	45.522	178	56.662	213	67.803
39	12.428	74	23.562	109	34.701	144	45.840	179	56.981	214	68.121
40	12.748	75	23.880	110	35.019	145	46.159	180	57.299	215	68.440

**Maid To-Order-Products  
(Chain & Sprocket)**

**1. Standard roller chain attachments**

- a. Single Pitch chain attachments (A-1, K-1, D-1, MK-1)
- b. Double pitch chain attachments (A-1, A-2, K-1, K-2, MA-1, MA-2, GK-1, MK-1, MK-2, D-1, D-3)

**2. Conveyor and elevator chain**

- a. Flanged roller chain
- b. Bush Elevator Chain (Straight Link and Crank Link)
- c. Bush Driving Chain
- d. Gall chain
- e. Can Carrier Chain
- f. Bagasse Carrier Chain
- g. Flow Conveyor Chain
- h. Leaf Chain
- i. Reclaimer Chain

**3. Conveyor & Elevator Chains-Forged Link Chain**

- a. Scrapper Chain (Drag Chain)

And

Sprocket for Above all Chain



ISO 9001:2008 Certified Company

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