

# TRANSDRIVE<sup>®</sup>

## DRIVE PERFORMANCE



## Sprockets

[transdrive.com.au](http://transdrive.com.au)

# TRANSDRIVE<sup>®</sup>

## DRIVE PERFORMANCE

TransDrive was established to bring together our passion and experience in power transmission by being able to offer affordable, high-quality products to the power transmission and bearing market. Built on the philosophy of improving performance and quality of all of our TransDrive products.

Transdrive products have been manufactured and tested to meet ISO standards and the tough, working conditions of heavy industries.

Our team have experience in power transmission and bearings. Every product we design and manufacture is backed by years of industry knowledge and an understanding of what our customers and the market need.

At TransDrive, our goal is simple: to provide accessible, high-quality products at affordable pricing. With an unwavering commitment to excellence, TransDrive operates with a focus on providing innovative industry solutions.

Whether it is through our custom products, the standard range of pulleys, slew drives, chains and sprockets, TransDrive is dedicated to delivering effective solutions for the trades that offer increased productivity and reliability.

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## Become a TransDrive Dealer

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## Development & Standards

### Stable supply of raw material

Our raw material supplier guarantees our product quality from the beginning. Each material batch is double analysed for quality and controlled by a spectrum analyser before use.

### High accuracy chain parts forming process control

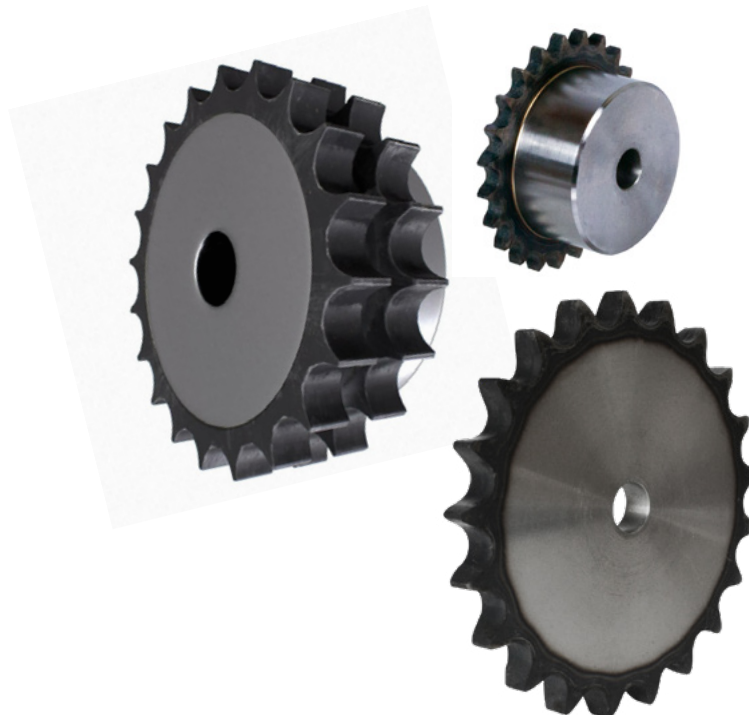
All model chain plates are subject to a twice punching process, ensuring holes straightness. Also, pin use auto chamfering ensures assembly guidance quality.

### Reliable heat treatment system

Superb and reliable heat treatment system makes sure all chain parts are evenly heat treated, and evenly cooled. Retained austenite of case-hardened parts be efficiently controlled.

### Advanced automatic assembly system

Instead of traditional manual assembling. We have an advanced equipment set, making certain of reliable, stable assembly quality.



# British Standard Sprockets

Sprocket, sprocket-wheel or chain wheel are gear-like toothed cogs that mesh with chains, tracks or conveyors to provide motion and are an integral part of any power transmission mechanism.

The British Standard (BS) sprockets are engineered in accordance with ISO 9000, DIN 8187 and ISO/R606 standards and come complete with induction hardened teeth, improving the sprockets resistance to wear and increasing the sprockets working life.



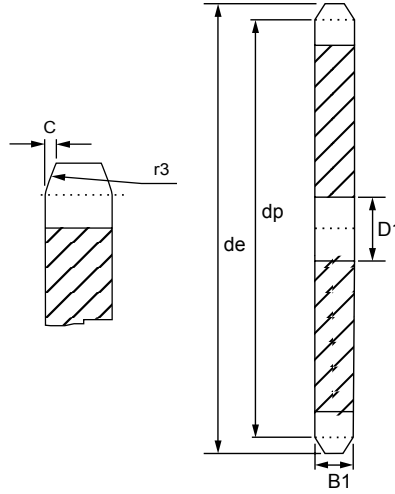
## Our range

- ▶ Plate Wheel Sprockets
- ▶ Pilot Bore Sprockets
- ▶ Finished Bore Sprockets
- ▶ Taper Bore Sprockets
- ▶ Plate Wheel for Conveyor Chain Sprockets
- ▶ Idler Sprockets with Ball Bearings
- ▶ Double Single Sprockets

**03B-1**

Pinions	mm
Tooth radius r3	5
Radius width C	0.6
Tooth width B1	2.3

Chain	mm
Pitch	5
Internal width	2.5
Roller	3.2
H=4mm- From	
Z=51 the width of the plate is increased	



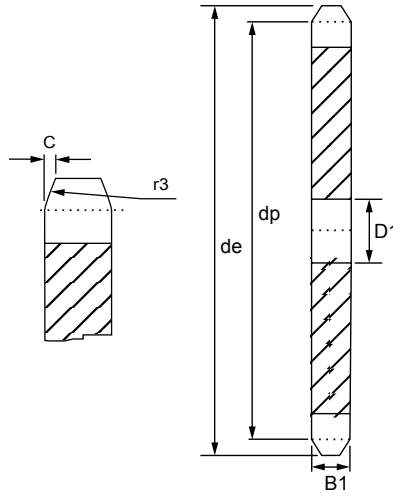
Teeth	de	dp	Simplex	
			D1	W (kg)
8	15.2	13.06	4	0.01
9	16.8	14.62	4	0.01
10	18.3	16.18	4	0.01
11	19.9	17.75	5	0.01
12	21.5	19.32	5	0.01
13	23.0	20.89	5	0.01
14	24.6	22.47	5	0.01
15	26.2	24.04	5	0.01
16	27.8	25.63	6	0.01
17	29.4	27.20	6	0.01
18	30.9	28.79	6	0.01
19	32.5	30.38	6	0.01
20	34.1	31.96	6	0.01
21	35.7	33.54	8	0.02
22	37.3	35.13	8	0.02
23	38.9	36.72	8	0.02
24	40.5	38.30	8	0.02
25	42.0	39.89	8	0.02
26	43.6	41.48	8	0.02
27	45.2	43.07	8	0.03
28	46.8	44.65	8	0.03
29	48.4	46.25	8	0.03
30	50.0	47.83	8	0.03
31	51.6	49.42	8	0.03
32	53.2	51.01	8	0.04
33	54.8	52.60	8	0.04
34	56.3	54.19	8	0.04
35	57.9	55.78	8	0.04
36	59.5	57.37	8	0.05
37	61.1	58.96	8	0.05
38	62.7	60.54	8	0.05
39	64.3	62.13	8	0.05
40	65.9	63.73	8	0.06
41	67.5	65.30	8	0.06
42	69.1	66.91	8	0.06
43	70.6	68.49	8	0.06

Teeth	de	dp	Simplex	
			D1	W (kg)
44	72.2	70.09	8	0.07
45	73.8	71.68	8	0.07
46	75.4	73.27	8	0.07
47	77.0	74.86	8	0.08
48	78.6	76.45	8	0.08
49	80.2	78.03	8	0.08
50	81.8	79.63	8	0.09
51	83.4	81.22	10	0.09
52	85.0	82.81	10	0.09
53	86.6	84.40	10	0.10
54	88.1	85.97	10	0.10
55	89.7	87.58	10	0.10
56	91.3	89.17	10	0.11
57	92.9	90.76	10	0.11
58	94.5	92.35	10	0.11
59	96.1	93.94	10	0.12
60	97.7	95.53	10	0.12
62	100.9	98.72	12	0.13
64	104.1	101.90	12	0.14
65	105.6	103.49	12	0.14
66	107.2	105.08	12	0.15
68	110.4	108.26	12	0.16
70	113.6	111.44	12	0.16
72	116.8	114.63	12	0.17
75	121.6	119.40	12	0.19
76	123.1	120.99	12	0.19
78	126.3	124.17	12	0.20
80	129.5	127.35	12	0.21
85	137.5	135.31	14	0.24
90	145.4	143.27	14	0.27
95	153.4	151.22	14	0.30
100	161.3	159.18	14	0.33
110	177.2	175.09	14	0.40
114	183.6	181.45	14	0.43
120	193.2	191.01	14	0.48
125	201.1	198.96	14	0.52

**04B-1**

Pinions	mm
Tooth radius r3	6
Radius width C	0.7
Tooth width B1	2.6

Chain	mm
Pitch	6
Internal width	2.8
Roller	4
H=4mm- From	
Z=51 the width of the plate is increased	

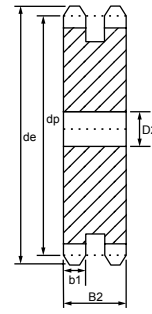
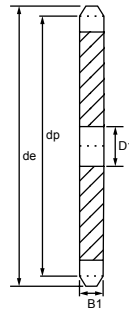
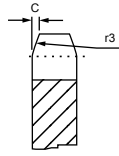


Teeth	de	dp	Simplex	
			D1	W (kg)
8	18.0	15.67	5	0.01
9	19.9	17.54	5	0.01
10	21.7	19.42	6	0.01
11	23.6	21.30	6	0.01
12	25.4	23.18	6	0.01
13	27.3	25.05	8	0.01
14	29.2	26.96	8	0.01
15	31.0	28.86	8	0.01
16	33.0	30.76	8	0.02
17	35.0	32.65	8	0.02
18	36.9	34.55	8	0.02
19	38.8	36.44	8	0.02
20	40.7	38.34	8	0.02
21	42.6	40.25	8	0.03
22	44.5	42.16	8	0.03
23	46.4	44.06	8	0.03
24	48.3	45.96	8	0.03
25	50.2	47.87	8	0.04
26	52.1	49.76	8	0.04
27	54.0	51.67	8	0.04
28	55.9	53.58	8	0.05
29	57.8	55.50	8	0.05
30	59.8	57.42	8	0.05
31	61.7	59.31	8	0.05

Teeth	de	dp	Simplex	
			D1	W (kg)
32	63.6	61.21	8	0.06
33	65.5	63.11	8	0.06
34	67.4	65.02	8	0.07
35	69.3	66.93	8	0.07
36	71.2	68.84	8	0.07
37	73.1	70.75	8	0.08
38	75.0	72.66	8	0.08
39	76.9	74.57	8	0.09
40	78.9	76.47	8	0.09
41	80.8	78.38	10	0.09
42	82.7	80.28	10	0.10
43	84.7	82.19	10	0.10
44	86.6	84.10	10	0.11
45	88.5	86.01	10	0.11
46	90.4	87.92	10	0.12
47	92.3	89.93	10	0.12
48	94.2	91.74	10	0.13
49	96.1	93.64	10	0.13
50	98.0	95.55	10	0.14
51	99.9	97.46	12	0.14
52	101.8	99.37	12	0.15
53	103.7	101.27	12	0.16
54	105.6	103.17	12	0.16
55	107.6	105.08	12	0.17

## 05B-1-2

Pinions	mm
Tooth radius r3	8
Radius width C	1.0
Tooth width B1	2.8
Tooth width b1	2.7
Tooth width B2	8.3



Chain	mm
Pitch	8
Internal width	3
Roller	5
H=4mm- From Z=46	
the width of the plate is increased	



Teeth	de	dp	Simplex		Duplex	
			D1	W (kg)	D2	W (kg)
8	24.0	20.90	6	0.01	8	0.01
9	26.6	23.39	6	0.01	8	0.01
10	29.2	25.89	8	0.01	8	0.02
11	31.7	28.39	8	0.02	8	0.02
12	34.2	30.91	8	0.02	8	0.03
13	36.7	33.42	8	0.02	8	0.04
14	39.2	35.95	8	0.02	8	0.05
15	41.7	38.48	8	0.03	8	0.06
16	44.3	41.01	8	0.03	10	0.07
17	46.8	43.53	8	0.03	10	0.08
18	49.3	46.07	8	0.04	10	0.09
19	51.9	48.61	8	0.04	10	0.10
20	54.4	51.14	8	0.05	10	0.12
21	57.0	53.68	8	0.05	10	0.13
22	59.5	56.21	8	0.06	10	0.14
23	62.0	58.75	8	0.06	10	0.16
24	64.6	61.29	8	0.06	10	0.17
25	67.5	63.83	8	0.07	10	0.18
26	69.5	66.37	10	0.08	12	0.18
27	72.2	68.91	10	0.08	12	0.20
28	74.8	71.45	10	0.09	12	0.22
29	77.3	73.99	10	0.09	12	0.24
30	79.8	76.53	10	0.10	12	0.25
31	82.4	79.08	10	0.11	12	0.27

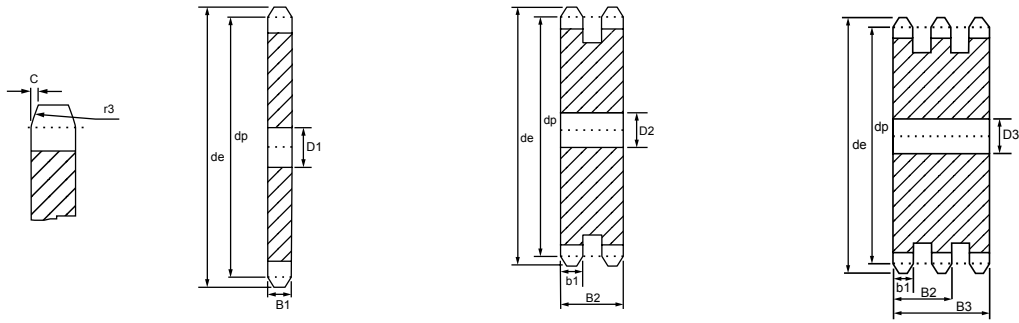
Teeth	de	dp	Simplex		Duplex	
			D1	W (kg)	D2	W (kg)
32	84.9	81.61	10	0.11	12	0.29
33	87.5	84.16	10	0.12	12	0.32
34	90.0	86.70	10	0.13	12	0.34
35	92.5	89.25	10	0.13	12	0.36
36	95.0	91.79	10	0.14	12	0.38
37	97.6	94.33	10	0.15	12	0.40
38	100.2	96.88	10	0.16	12	0.42
39	102.7	99.42	10	0.16	12	0.45
40	105.3	101.97	10	0.17	12	0.47
41	107.8	104.51	12	0.18	14	0.49
42	110.4	107.05	12	0.19	14	0.53
43	112.9	109.60	12	0.20	14	0.55
44	115.5	112.14	12	0.21	14	0.58
45	118.0	114.69	12	0.22	14	0.61
46	120.6	117.23	12	0.23	14	0.63
47	123.1	119.77	12	0.24	14	0.66
48	125.6	122.32	12	0.25	14	0.69
49	128.2	124.86	12	0.26	14	0.72
50	130.7	127.41	12	0.27	14	0.76
51	133.3	129.95	14	0.28	16	0.79
52	135.8	132.49	14	0.29	16	0.82
53	138.4	135.04	14	0.30	16	0.85
54	140.9	137.59	14	0.31	16	0.88
55	143.5	140.13	14	0.32	16	0.92

Teeth	de	dp	Simplex		Duplex	
			D1	W (kg)	D2	W (kg)
56	146.0	142.68	14	0.33	16	0.96
57	148.6	145.22	14	0.34	16	1.00
58	151.0	147.77	14	0.35	16	1.03
59	153.6	150.31	14	0.37	16	1.06
60	156.2	152.86	14	0.38	16	1.10
62	162.0	157.95	16	0.41	20	1.18
64	167.1	163.04	16	0.43	20	1.26
65	169.6	165.58	16	0.45	20	1.30
66	172.2	168.13	16	0.46	20	1.37
68	177.3	173.22	16	0.49	20	1.45
70	182.4	178.31	16	0.52	20	1.53
72	187.5	183.40	20	0.55	20	1.62
75	195.1	191.04	20	0.59	20	1.75
76	197.7	193.59	20	0.61	20	1.80
78	202.8	198.68	20	0.64	20	1.90
80	207.9	203.77	20	0.67	20	1.99
85	220.6	216.50	20	0.76	20	2.29
90	233.4	229.23	20	0.85	20	2.57
95	246.1	241.96	20	0.94	20	2.85
100	258.9	254.68	20	1.04	20	3.16
110	284.3	280.15	20	1.26	20	3.81
114	294.5	290.33	20	1.35	20	4.09
120	310.0	305.61	20	1.49	20	4.53
125	322.5	318.34	20	1.62	20	4.90



## 06B-1-2-3

Pinions	mm
Tooth radius r3	10
Radius width C	1.0
Tooth width B1	5.3
Tooth width b1	5.2
Tooth width B2	15.4
Tooth width B3	25.6



Chain	mm
Pitch	9.525
Internal width	5.72
Roller	6.35
H=7mm- From Z=100	



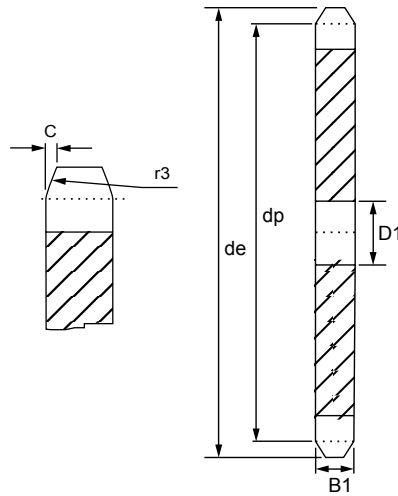
Teeth	de	dp	S		D		T	
			D1	W (kg)	D2	W (kg)	D3	W (kg)
8	28.0	24.89	6	0.02	8	0.03	8	0.04
9	31.0	27.85	8	0.02	8	0.04	8	0.06
10	34.0	30.82	8	0.02	8	0.05	10	0.08
11	37.0	33.80	8	0.03	10	0.06	10	0.09
12	40.0	36.80	8	0.03	10	0.08	10	0.12
13	43.0	39.79	8	0.04	10	0.10	10	0.15
14	46.3	42.80	8	0.04	10	0.12	12	0.18
15	49.3	45.81	8	0.06	10	0.14	12	0.22
16	52.3	48.82	10	0.07	12	0.16	12	0.26
17	55.3	51.83	10	0.08	12	0.19	12	0.30
18	58.3	54.85	10	0.09	12	0.21	12	0.35
19	61.3	57.87	10	0.10	12	0.24	12	0.39
20	64.3	60.89	10	0.11	12	0.27	12	0.44
21	68.0	63.91	10	0.13	12	0.30	14	0.48
22	71.0	66.93	10	0.14	12	0.34	14	0.54
23	73.5	69.95	10	0.15	12	0.37	14	0.59
24	77.0	72.97	10	0.16	12	0.41	14	0.66
25	80.0	76.02	10	0.18	12	0.45	14	0.72
26	83.0	79.02	10	0.19	12	0.48	14	0.79
27	86.0	82.02	10	0.21	12	0.53	14	0.86
28	89.0	85.07	10	0.22	12	0.57	14	0.93
29	92.0	88.09	10	0.24	12	0.62	14	1.01
30	94.7	91.12	10	0.25	12	0.66	14	1.09
31	98.3	94.15	12	0.27	14	0.71	16	1.17
32	101.3	97.17	12	0.29	14	0.77	16	1.26
33	104.3	100.20	12	0.30	14	0.82	16	1.36
34	107.3	103.23	12	0.32	14	0.87	16	1.44
35	110.4	106.26	12	0.34	14	0.93	16	1.53
36	113.4	109.29	12	0.36	14	0.98	16	1.61
37	116.4	112.32	12	0.38	14	1.06	16	1.73
38	119.5	115.35	12	0.40	14	1.11	16	1.83
39	122.5	118.37	12	0.42	14	1.17	16	1.92
40	125.5	121.40	12	0.45	14	1.23	16	2.02
41	128.5	124.43	16	0.48	16	1.29	16	2.14
42	131.6	127.46	16	0.50	16	1.35	16	2.24
43	134.6	130.49	16	0.52	16	1.45	16	2.38

Teeth	de	dp	S		D		T	
			D1	W (kg)	D2	W (kg)	D3	W (kg)
44	137.6	133.52	16	0.54	16	1.51	16	2.48
45	140.7	136.55	16	0.57	16	1.58	16	2.60
46	143.7	139.58	16	0.59	16	1.67	16	2.74
47	146.7	142.61	16	0.62	16	1.74	16	2.86
48	149.7	145.64	16	0.64	16	1.81	16	2.97
49	152.7	148.66	16	0.67	16	1.88	16	3.13
50	155.7	151.69	16	0.70	16	1.96	16	3.25
51	158.7	154.72	16	0.72	16	2.06	20	3.46
52	161.8	157.75	16	0.75	16	2.14	20	3.60
53	164.8	160.78	16	0.78	16	2.22	20	3.73
54	167.8	163.82	16	0.81	16	2.33	20	3.87
55	170.8	166.85	16	0.84	16	2.41	20	4.01
56	173.8	169.88	16	0.87	16	2.50	20	4.15
57	176.9	172.91	16	0.90	16	2.62	20	4.30
58	179.9	175.93	16	0.93	16	2.71	20	4.45
59	183.0	178.96	16	0.96	16	2.80	20	4.60
60	186.0	181.99	16	1.00	16	2.89	20	4.75
62	192.1	188.06	20	1.06	20	3.09	20	5.13
64	198.2	194.12	20	1.13	20	3.28	20	5.46
65	201.6	197.15	20	1.17	20	3.40	20	5.65
66	204.6	200.18	20	1.20	20	3.54	25	5.82
68	210.7	206.24	20	1.28	20	3.75	25	6.24
70	216.7	212.30	20	1.35	20	3.97	25	6.60
72	222.8	218.37	20	1.43	20	4.20	25	6.98
75	231.9	227.46	20	1.55	20	4.55	25	7.64
76	234.9	230.49	20	1.59	20	4.67	25	7.84
78	241.0	236.55	20	1.67	20	4.97	25	8.35
80	247.1	242.61	20	1.76	20	5.22	25	8.78
85	262.2	257.77	20	1.98	20	5.94	25	9.88
90	277.4	272.93	20	2.21	20	6.71	25	11.06
95	292.5	288.08	20	2.46	20	7.50	25	12.30
100	307.7	303.25	20	2.72	20	8.34	25	13.61
110	338.0	333.55	20	3.29	20	10.14	25	16.60
114	349.5	345.68	20	3.52	20	10.90	25	17.75
120	368.3	363.86	20	3.90	20	12.11	25	19.93
125	383.5	379.02	20	4.23	20	13.16	25	21.60

## 081B-1

Pinions	mm
Tooth radius r3	13
Radius width C	1.0
Tooth width B1	3

Chain	mm
Pitch	12.7
Internal width	3.3
Roller	7.75
H=4mm- From Z=30	
the width of the plate is increased	
H=6mm- From Z=90	



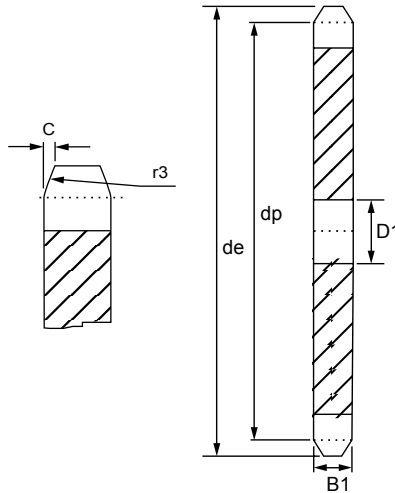
Teeth	de	dp	Simplex	
			D1	W (kg)
8	37.2	33.18	8	0.02
9	41.5	37.13	8	0.03
10	46.2	41.10	8	0.04
11	49.6	45.07	8	0.04
12	53.9	49.07	8	0.05
13	58.4	53.06	8	0.06
14	62.8	57.07	8	0.07
15	66.8	61.09	8	0.07
16	70.9	65.10	8	0.08
17	74.9	69.11	8	0.09
18	78.9	73.14	8	0.10
19	82.9	77.16	8	0.11
20	86.9	81.19	8	0.13
21	91.0	85.22	8	0.14
22	95.0	89.24	10	0.15
23	99.0	93.27	10	0.16
24	103.0	97.29	10	0.18
25	107.1	101.33	10	0.19
26	111.2	105.36	12	0.21
27	115.4	109.40	12	0.22
28	119.4	113.42	12	0.24
29	123.4	117.46	12	0.25
30	127.5	121.50	12	0.27
31	131.5	125.54	12	0.29
32	135.5	129.56	12	0.31
33	139.6	133.60	12	0.32
34	143.6	137.64	12	0.34
35	147.6	141.68	12	0.36
36	151.7	145.72	16	0.38
37	155.7	149.76	16	0.40
38	159.8	153.80	16	0.43
39	163.8	157.83	16	0.45
40	167.8	161.87	16	0.47
41	171.4	165.91	16	0.49
42	175.4	169.95	16	0.51
43	179.5	173.99	16	0.54

Teeth	de	dp	Simplex	
			D1	W (kg)
44	183.5	178.03	16	0.56
45	187.5	182.07	16	0.59
46	191.6	186.10	20	0.61
47	195.6	190.14	20	0.64
48	199.7	194.18	20	0.66
49	203.7	198.22	20	0.69
50	207.8	202.26	20	0.72
51	211.8	206.30	20	0.75
52	215.9	210.34	20	0.78
53	219.9	214.37	20	0.81
54	224.0	218.43	20	0.84
55	228.0	222.46	20	0.87
56	232.1	226.50	20	0.90
57	236.1	230.54	20	0.93
58	240.2	234.58	20	0.96
59	244.2	238.62	20	0.99
60	248.2	242.66	20	1.03
62	256.7	250.75	20	1.10
64	264.8	258.82	20	1.17
65	268.8	262.86	20	1.20
66	272.9	266.90	25	1.24
68	280.9	274.99	25	1.31
70	289.0	283.07	25	1.39
72	297.1	291.16	25	1.47
76	313.3	307.33	25	1.64
78	321.4	315.40	25	1.72
80	329.4	323.48	25	1.81
85	349.7	343.70	25	2.04
90	369.9	363.90	25	2.28
95	390.1	384.10	25	2.54
100	410.3	404.31	25	2.80
110	450.7	444.74	25	3.38
114	466.9	460.90	25	3.63
120	491.2	485.16	25	4.02
125	511.4	505.37	25	4.36

**083B/084B-1**

Pinions	mm
Tooth radius r3	13
Radius width C	1.0
Tooth width B1	3

Chain	mm
Pitch	12.7
Internal width	3.3
Roller	7.75
H=4mm- From Z=30	
the width of the plate is increased	
H=6mm- From Z=90	
the width of the plate is increased	



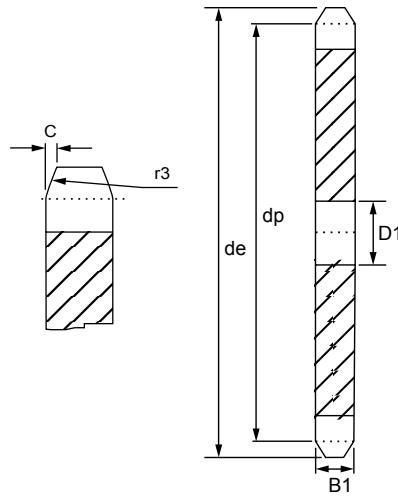
Teeth	de	dp	Simplex	
			D1	W (kg)
8	38.5	33.18	8	0.020
9	41.5	37.13	8	0.030
10	46.2	41.10	8	0.040
11	49.6	45.07	8	0.050
12	53.9	49.07	8	0.060
13	58.4	53.06	8	0.070
14	62.8	57.07	8	0.080
15	66.8	61.09	8	0.090
16	70.9	65.10	8	0.110
17	74.9	69.11	8	0.120
18	78.9	73.14	8	0.140
19	82.9	77.16	8	0.150
20	86.9	81.19	8	0.170
21	91.0	85.22	8	0.190
22	95.0	89.24	10	0.210
23	99.0	93.27	10	0.230
24	103.0	97.29	10	0.250
25	107.1	101.33	10	0.270
26	111.2	105.36	12	0.290
27	115.4	109.40	12	0.310
28	119.4	113.42	12	0.340
29	123.4	117.46	12	0.360
30	127.5	121.50	12	0.390
31	131.5	125.54	12	0.420
32	135.5	129.56	12	0.440
33	139.6	133.60	12	0.470
34	143.6	137.64	12	0.500
35	147.6	141.68	12	0.530
36	151.7	145.72	16	0.560
37	155.7	149.76	16	0.600
38	159.8	153.80	16	0.630
39	163.8	157.83	16	0.660
40	167.8	161.87	16	0.700
41	171.4	165.91	16	0.730
42	175.4	169.95	16	0.770
43	179.5	173.99	16	0.810

Teeth	de	dp	Simplex	
			D1	W (kg)
44	183.5	178.03	16	0.850
45	187.5	182.07	16	0.890
46	191.6	186.10	20	0.920
47	195.6	190.14	20	0.970
48	199.7	194.18	20	1.010
49	203.7	198.22	20	1.225
50	207.8	202.26	20	1.460
51	211.8	206.30	20	1.520
52	215.9	210.34	20	1.580
53	219.9	214.37	20	1.645
54	224.0	218.43	20	1.710
55	228.0	222.46	20	1.770
56	232.1	226.50	20	1.840
57	236.1	230.54	20	1.910
58	240.2	234.58	20	1.980
59	244.2	238.62	20	2.050
60	248.2	242.66	20	2.120
62	256.7	250.75	20	2.270
64	264.8	258.82	20	2.420
65	268.8	262.86	20	2.490
66	272.9	266.90	25	2.550
68	280.9	274.99	25	2.630
70	289.0	283.07	25	2.890
72	297.1	291.16	25	3.060
76	313.3	307.33	25	3.410
78	321.4	315.40	25	3.600
80	329.4	323.48	25	3.790
85	349.7	343.70	25	4.280
90	369.9	363.90	25	4.800
95	390.1	384.10	25	5.360
100	410.3	404.31	25	5.920
110	450.7	444.74	25	6.00
114	466.9	460.90	25	6.370
120	491.2	485.16	25	6.750
125	511.4	505.37	25	7.120

## 085B-1

Pinions	mm
Tooth radius r3	13
Radius width C	1.3
Tooth width B1	5.9

Chain	mm
Pitch	12.7
Internal width	6.4
Roller	7.75
Material: C45	



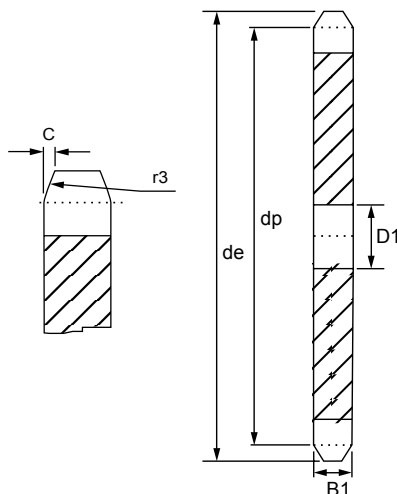
Teeth	de	dp	Simplex	
			D1	W (kg)
8	38.5	33.18	8	0.07
9	41.5	37.13	8	0.10
10	46.2	41.10	8	0.12
11	49.6	45.07	8	0.15
12	53.9	49.07	8	0.21
13	58.4	53.06	8	0.26
14	62.8	57.07	8	0.32
15	66.8	61.09	8	0.38
16	70.9	65.10	8	0.47
17	74.9	69.11	8	0.51
18	78.9	73.14	8	0.59
19	82.9	77.16	8	0.67
20	86.9	81.19	8	0.76
21	91.0	85.22	8	0.85
22	95.0	89.24	10	0.91
23	99.0	93.27	10	0.94
24	103.0	97.29	10	0.97
25	107.1	101.33	10	1.00
26	111.2	105.36	12	1.03
27	115.4	109.40	12	1.06
28	119.4	113.42	12	1.13
29	123.4	117.46	12	1.39
30	127.5	121.50	12	1.70
31	131.5	125.54	12	1.72
32	135.5	129.56	12	1.74
33	139.6	133.60	12	1.78
34	143.6	137.64	12	1.82
35	147.6	141.68	12	1.86
36	151.7	145.72	16	2.00
37	155.7	149.76	16	2.15
38	159.8	153.80	16	2.20
39	163.8	157.83	16	2.24
40	167.8	161.87	16	2.29
41	171.4	165.91	16	2.33
42	175.4	169.95	16	2.40
43	179.5	173.99	16	2.47

Teeth	de	dp	Simplex	
			D1	W (kg)
44	183.5	178.03	16	2.55
45	187.5	182.07	16	2.62
46	191.6	186.10	20	2.70
47	195.6	190.14	20	2.77
48	199.7	194.18	20	2.84
49	203.7	198.22	20	2.92
50	207.8	202.26	20	2.99
51	211.8	206.30	20	3.06
52	215.9	210.34	20	3.14
53	219.9	214.37	20	3.21
54	224.0	218.43	20	3.29
55	228.0	222.46	20	3.36
56	232.1	226.50	20	3.43
57	236.1	230.54	20	3.51
58	240.2	234.58	20	3.58
59	244.2	238.62	20	3.65
60	248.2	242.66	20	3.73
62	256.7	250.75	20	3.80
64	264.8	258.82	20	3.88
65	268.8	262.86	20	3.95
66	272.9	266.90	25	4.02
68	280.9	274.99	25	4.10
70	289.0	283.07	25	4.17
72	297.1	291.16	25	4.24
76	313.3	307.33	25	4.32
78	321.4	315.40	25	4.39
80	329.4	323.48	25	4.47
85	349.7	343.70	25	4.54
90	369.9	363.90	25	4.61
95	390.1	384.10	25	4.69
100	410.3	404.31	25	4.76
110	450.7	444.74	25	4.83
114	466.9	460.90	25	4.91
120	491.2	485.16	25	4.98
125	511.4	505.37	25	5.06

## 085B-1

Pinions	mm
Tooth radius r3	13
Radius width C	1.3
Tooth width B1	5.9

Chain	mm
Pitch	12.7
Internal width	6.4
Roller	8.51
Material: C45	

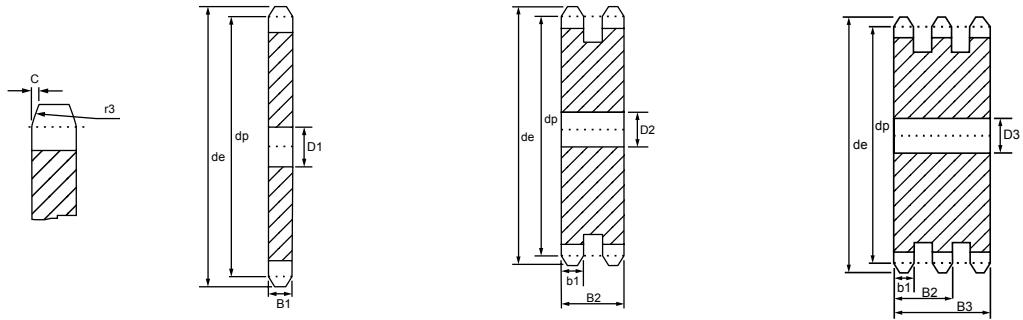


Teeth	de	dp	Simplex	
			D1	W (kg)
8	37.2	33.18	8	
9	41.0	37.13	8	
10	45.2	41.10	8	
11	48.7	45.07	8	
12	53.0	49.07	8	
13	57.4	53.06	8	
14	61.8	57.07	8	
15	65.5	61.09	8	
16	69.5	65.10	10	
17	73.6	69.11	10	
18	77.8	73.14	10	
19	81.7	77.16	10	
20	85.8	81.19	10	
21	89.7	85.22	10	
22	93.8	89.24	10	
23	98.2	93.27	10	
24	101.8	97.29	10	
25	105.8	101.33	10	
26	110.0	105.36	12	
27	114.0	109.40	12	
28	118.0	113.42	12	
29	122.0	117.46	12	
30	126.1	121.50	12	
31	130.2	125.54	12	
32	134.2	129.56	12	
33	138.4	133.60	12	
34	142.6	137.64	12	
35	146.7	141.68	12	
36	151.0	145.72	16	
37	154.6	149.76	16	
38	158.6	153.80	16	
39	162.7	157.83	16	
40	166.8	161.87	16	
41	171.4	165.91	16	
42	175.4	169.95	16	
43	179.7	173.99	16	

Teeth	de	dp	Simplex	
			D1	W (kg)
44	183.8	178.03	16	
45	188.0	182.07	16	
46	192.1	186.10	20	
47	196.2	190.14	20	
48	200.3	194.18	20	
49	204.3	198.22	20	
50	208.3	202.26	20	
51	212.1	206.30	20	
52	216.1	210.34	20	
53	220.2	214.37	20	
54	224.1	218.43	20	
55	228.1	222.46	20	
56	232.2	226.50	20	
57	236.4	230.54	20	
58	240.5	234.58	20	
59	244.5	238.62	20	
60	248.6	242.66	20	
62	256.9	250.75	20	
64	265.1	258.82	20	
65	269.0	262.86	20	
66	273.0	266.90	25	
68	281.0	274.99	25	
70	289.0	283.07	25	
72	297.2	291.16	25	
76	313.3	307.33	25	
78	321.4	315.40	25	
80	329.4	323.48	25	
85	349.0	343.70	25	
90	369.9	363.90	25	
95	390.1	384.10	25	
100	410.3	404.31	25	
110	450.7	444.74	25	
114	466.9	460.90	25	
120	491.2	485.16	25	
125	511.3	505.37	25	

## 08B-1-2-3

Pinions	mm
Tooth radius r3	13
Radius width C	1.3
Tooth width B1	7.2
Tooth width b1	7
Tooth width B2	21
Tooth width B3	34.9



Chain	mm
Pitch	12.7
Internal width	7.75
Roller	8.51

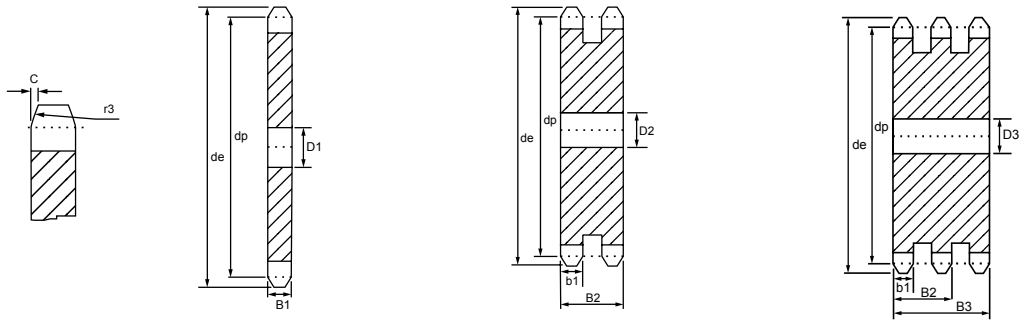


Teeth	de	dp	Simplex		Duplex		Triplex	
			D1	W (kg)	D2	W (kg)	D3	W (kg)
8	37.2	33.18	8	0.05	10	0.07	10	0.11
9	41.0	37.13	8	0.06	10	0.10	10	0.16
10	45.2	41.10	8	0.07	10	0.13	10	0.21
11	48.7	45.07	10	0.08	10	0.17	12	0.26
12	53.0	49.07	10	0.09	10	0.21	12	0.33
13	57.4	53.06	10	0.11	10	0.25	12	0.40
14	61.8	57.07	10	0.13	10	0.30	12	0.48
15	65.5	61.09	10	0.14	10	0.36	12	0.57
16	69.5	65.10	10	0.16	12	0.41	16	0.64
17	73.6	69.11	10	0.18	12	0.47	16	0.74
18	77.8	73.14	10	0.20	12	0.54	16	0.85
19	81.7	77.16	10	0.24	12	0.61	16	0.97
20	85.8	81.19	10	0.26	12	0.68	16	1.09
21	89.7	85.22	12	0.29	16	0.75	16	1.22
22	93.8	89.24	12	0.31	16	0.83	16	1.36
23	98.2	93.27	12	0.34	16	0.92	16	1.50
24	101.8	97.29	12	0.37	16	1.01	16	1.63
25	105.8	101.33	12	0.40	16	1.10	16	1.81
26	110.0	105.36	16	0.43	16	1.20	16	1.98
27	114.0	109.40	16	0.49	16	1.31	16	2.15
28	118.0	113.42	16	0.53	16	1.42	16	2.33
29	122.0	117.46	16	0.56	16	1.53	16	2.52
30	126.1	121.50	16	0.60	16	1.65	16	2.71
31	130.2	125.54	16	0.64	16	1.77	20	2.96
32	134.3	129.56	16	0.68	16	1.90	20	3.15
33	138.4	133.60	16	0.73	16	2.02	20	3.34
34	142.6	137.64	16	0.78	16	2.16	20	3.55
35	146.7	141.68	16	0.82	16	2.30	20	3.75
36	151.0	145.72	16	0.87	20	2.42	20	3.98
37	154.6	149.76	16	0.93	20	2.56	20	4.27
38	158.6	153.80	16	0.98	20	2.71	20	4.50
39	162.7	157.83	16	1.03	20	2.87	20	4.73
40	166.8	161.87	16	1.09	20	3.03	20	4.97
41	171.4	165.91	20	1.15	20	3.20	25	5.25
42	175.4	169.94	20	1.20	20	3.36	25	5.56
43	179.7	173.98	20	1.26	20	3.53	25	5.84

Z	de	dp	Simplex		Duplex		Triplex	
			D1	W (kg)	D2	W (kg)	D3	W (kg)
44	183.8	178.03	20	1.32	20	3.71	25	6.11
45	188.0	182.07	20	1.38	20	3.89	25	6.39
46	192.1	186.10	20	1.46	20	4.07	25	6.67
47	196.2	190.14	20	1.52	20	4.29	25	6.96
48	200.3	194.18	20	1.59	20	4.47	25	7.34
49	204.3	198.22	20	1.67	20	4.65	25	7.64
50	208.3	202.26	20	1.73	20	4.83	25	7.94
51	212.1	206.30	20	1.80	25	5.01	25	8.33
52	216.1	210.34	20	1.87	25	5.26	25	8.65
53	220.2	214.37	20	1.94	25	5.47	25	9.08
54	224.1	218.43	20	2.01	25	5.66	25	9.41
55	228.1	222.46	20	2.08	25	5.87	25	9.75
56	232.2	226.50	20	2.16	25	6.08	25	10.10
57	236.4	230.54	20	2.23	25	6.30	25	10.47
58	240.5	234.58	20	2.31	25	6.52	25	10.96
59	244.5	238.62	20	2.39	25	6.82	25	11.33
60	248.6	242.66	20	2.47	25	7.05	25	11.71
62	256.9	250.74	25	2.64	25	7.53	25	12.51
64	265.1	258.82	25	2.81	25	8.01	25	13.47
65	269.0	262.86	25	2.89	25	8.25	25	13.87
66	273.0	266.91	25	2.98	25	8.50	25	14.44
68	281.0	274.99	25	3.16	25	9.21	25	15.30
70	289.0	283.07	25	3.34	25	9.74	25	16.19
72	297.2	291.15	25	3.53	25	10.30	25	17.12
75	309.2	303.28	25	3.82	25	11.15	25	18.53
76	313.3	307.32	25	3.92	25	11.45	25	19.02
78	321.4	315.40	25	4.13	25	12.31	25	20.24
80	329.4	323.49	25	4.34	25	12.93	25	21.26
85	349.0	343.69	25	4.87	25	14.52	25	24.13
90	369.9	363.90	25	5.47	25	16.31	25	27.11
95	390.1	384.11	25	6.08	25	18.14	25	30.15
100	410.3	404.32	25	6.73	25	20.07	25	33.35
110	450.7	444.74	25	8.12	25	24.21	25	41.06
114	466.9	460.91	25	8.72	25	25.99	25	44.10
120	491.2	485.16	25	9.65	25	28.76	25	48.58
125	511.3	505.37	25	10.45	25	31.16	25	52.56

## 10B-1-2-3

Pinions	mm
Tooth radius r3	16
Radius width C	1.6
Tooth width B1	9.1
Tooth width b1	9
Tooth width B2	25.5
Tooth width B3	42.1



Chain	mm
Pitch	15.875
Internal width	9.65
Roller	10.16

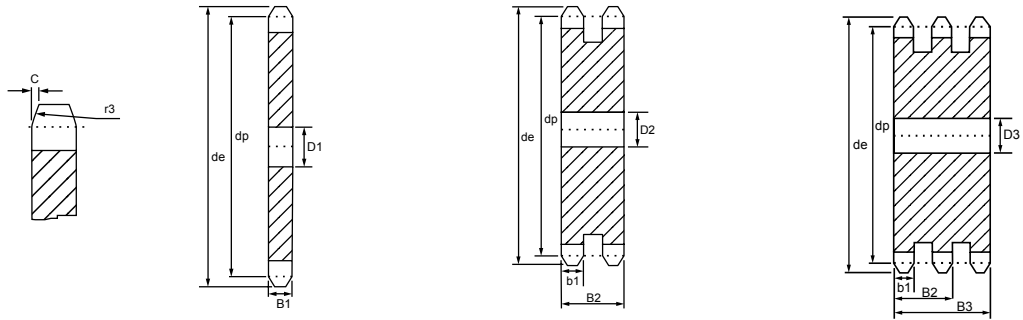


Teeth	de	dp	Simplex		Duplex		Triplex	
			D1	W (kg)	D2	W (kg)	D3	W (kg)
8	47.0	41.48	10	0.06	10	0.15	12	0.23
9	52.6	46.42	10	0.09	10	0.21	12	0.32
10	57.5	51.37	10	0.11	10	0.27	12	0.44
11	63.0	56.34	10	0.14	10	0.34	12	0.55
12	68.0	61.34	10	0.17	10	0.42	12	0.67
13	73.0	66.32	10	0.20	10	0.51	12	0.81
14	78.0	71.34	10	0.23	10	0.60	12	0.97
15	83.0	76.36	10	0.27	12	0.70	12	1.14
16	88.0	81.37	12	0.31	12	0.82	16	1.29
17	93.0	86.39	12	0.36	12	0.94	16	1.49
18	98.3	91.42	12	0.41	12	1.06	16	1.70
19	103.3	96.45	12	0.45	12	1.20	16	1.92
20	108.4	101.49	12	0.51	12	1.34	16	2.15
21	113.4	106.52	12	0.57	16	1.48	16	2.40
22	118.0	111.55	12	0.62	16	1.64	16	2.66
23	123.5	116.58	12	0.69	16	1.80	16	2.94
24	128.3	121.62	12	0.75	16	1.98	16	3.23
25	134.0	126.66	12	0.82	16	2.17	16	3.53
26	139.0	131.70	16	0.88	16	2.33	20	3.81
27	144.0	136.75	16	0.95	16	2.53	20	4.13
28	148.7	141.78	16	1.03	16	2.74	20	4.47
29	153.8	146.83	16	1.11	16	2.96	20	4.83
30	158.8	151.87	16	1.19	16	3.18	20	5.24
31	163.9	156.92	16	1.27	20	3.41	20	5.65
32	168.9	161.95	16	1.35	20	3.66	20	6.00
33	174.5	167.00	16	1.44	20	3.90	20	6.41
34	179.0	172.05	16	1.55	20	4.16	20	6.82
35	184.1	177.10	16	1.64	20	4.42	20	7.22
36	189.1	182.15	20	1.73	20	4.70	25	7.62
37	194.2	187.20	20	1.82	20	4.98	25	8.03
38	199.2	192.24	20	1.92	20	5.26	25	8.56
39	204.2	197.29	20	2.06	20	5.56	25	8.99
40	209.3	202.34	20	2.16	20	5.87	25	9.56
41	214.8	207.38	20	2.28	20	6.17	25	10.07
42	219.9	212.43	20	2.39	20	6.47	25	10.55
43	224.9	217.48	20	2.50	20	6.76	25	11.17

Teeth	de	dp	Simplex		Duplex		Triplex	
			D1	W (kg)	D2	W (kg)	D3	W (kg)
44	230.0	222.53	20	2.64	20	7.07	25	11.68
45	235.0	227.58	20	2.76	20	7.47	25	12.19
46	240.1	232.63	20	2.88	25	7.89	25	12.73
47	245.1	237.68	20	3.00	25	8.22	25	13.42
48	250.2	242.73	20	3.13	25	8.57	25	13.98
49	255.2	247.78	20	3.25	25	9.02	25	14.72
50	260.3	252.82	20	3.39	25	9.38	25	15.31
51	265.3	257.87	20	3.52	25	9.75	25	15.91
52	270.4	262.92	20	3.65	25	10.12	25	16.52
53	275.4	267.97	20	3.79	25	10.50	25	17.34
54	280.5	273.03	20	3.93	25	10.89	25	17.99
55	285.5	278.08	20	4.07	25	11.41	25	18.63
56	290.6	283.13	25	4.22	25	11.83	25	19.30
57	296.0	288.18	25	4.38	25	12.27	25	20.03
58	300.7	293.23	25	4.52	25	12.66	25	21.14
59	305.7	298.28	25	4.67	25	13.09	25	21.85
60	310.8	303.33	25	4.83	25	13.53	25	22.58
62	321.4	313.43	25	5.16	25	14.46	30	24.42
64	331.5	323.53	25	5.49	25	15.56	30	25.69
65	336.5	328.58	25	5.66	25	16.03	30	26.47
66	341.6	333.64	25	5.83	25	16.52	30	27.58
68	351.7	343.74	25	6.18	25	17.71	30	29.24
70	361.8	353.84	25	6.54	25	18.74	30	30.94
72	371.9	363.94	25	6.91	25	19.80	30	33.05
75	387.1	379.10	25	7.49	25	21.45	30	35.81
76	392.1	384.15	25	7.68	25	22.01	30	36.74
78	402.2	394.25	25	8.08	25	23.42	30	38.66
80	412.3	404.36	25	8.49	25	24.61	30	40.62
85	437.6	429.62	30	9.57	30	27.72	30	45.76
90	462.8	454.88	30	10.70	30	31.00	30	51.18
95	488.5	480.14	30	11.92	30	34.54	30	57.65
100	513.4	505.40	30	13.17	30	38.15	30	63.67
110	563.9	555.92	30	15.89	30	47.03	30	76.82
114	584.1	576.13	30	17.05	30	50.46	30	82.42
120	614.4	606.45	30	18.86	30	55.83	30	92.17
125	639.7	631.51	30	20.45	30	60.52	30	99.92

## 12B-1-2-3

Pinions	mm
Tooth radius r3	19
Radius width C	2
Tooth width B1	11.1
Tooth width b1	10.8
Tooth width B2	30.3
Tooth width B3	49.8



Chain	mm
Pitch	19.05
Internal width	11.68
Roller	12.07



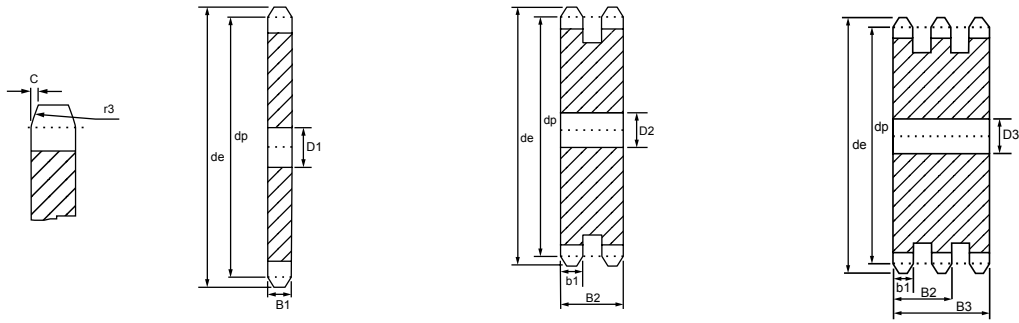
Teeth	de	dp	Simplex		Duplex		Triplex	
			D1	W (kg)	D2	W (kg)	D3	W (kg)
8	57.6	49.78	10	0.12	12	0.26	12	0.31
9	62.0	55.70	10	0.15	12	0.36	12	0.57
10	69.0	61.64	10	0.20	12	0.46	12	0.74
11	75.0	67.61	12	0.24	14	0.59	16	0.91
12	81.5	73.61	14	0.30	14	0.72	16	1.13
13	87.5	79.59	14	0.35	14	0.88	16	1.38
14	93.6	85.61	14	0.41	14	1.02	16	1.64
15	99.8	91.63	14	0.48	14	1.20	16	1.93
16	105.5	97.65	14	0.55	16	1.39	16	2.20
17	115.5	103.67	14	0.63	16	1.60	16	2.54
18	118.0	109.71	14	0.71	16	1.81	16	2.89
19	124.2	115.75	14	0.80	16	2.05	16	3.27
20	129.7	121.78	14	0.89	16	2.30	16	3.67
21	136.0	127.82	16	0.99	16	2.53	20	4.10
22	141.8	133.86	16	1.03	16	2.80	20	4.45
23	149.0	139.90	16	1.20	16	3.09	20	5.02
24	153.9	145.94	16	1.31	16	3.39	20	5.51
25	160.0	152.00	16	1.43	16	3.70	20	6.02
26	165.9	158.04	16	1.56	20	4.03	20	6.56
27	172.3	164.09	16	1.68	20	4.38	20	7.12
28	178.0	170.13	16	1.82	20	4.73	20	7.71
29	184.1	176.19	16	1.96	20	5.10	20	8.31
30	190.5	182.25	16	2.10	20	5.49	20	8.97
31	196.3	188.31	20	2.24	20	5.88	25	9.52
32	203.3	194.35	20	2.39	20	6.30	25	10.19
33	209.3	200.40	20	2.55	20	6.72	25	10.89
34	214.6	206.46	20	2.71	20	7.16	25	11.61
35	221.0	212.52	20	2.88	20	7.61	25	12.35
36	226.8	218.58	20	3.06	25	7.99	25	13.11
37	232.9	224.64	20	3.24	25	8.47	25	13.90
38	239.0	230.69	20	3.42	25	8.96	25	14.70
39	245.1	236.75	20	3.61	25	9.50	25	15.54
40	251.3	242.81	20	3.80	25	9.99	25	16.49
41	257.3	248.86	25	3.98	25	10.51	25	17.29
42	264.5	254.92	25	4.19	25	11.07	25	18.27
43	270.5	260.98	25	4.38	25	11.63	25	19.11

Teeth	de	dp	Simplex		Duplex		Triplex	
			D1	W (kg)	D2	W (kg)	D3	W (kg)
44	276.5	267.03	25	4.61	25	12.21	25	19.97
45	282.5	273.09	25	4.83	25	12.80	25	20.84
46	287.9	279.15	25	5.05	25	13.40	25	22.16
47	294.0	285.21	25	5.28	25	14.02	25	23.11
48	300.1	291.27	25	5.43	25	14.65	25	24.07
49	306.2	297.33	25	5.76	25	15.42	25	25.35
50	312.3	303.39	25	6.01	25	16.05	25	26.37
51	318.4	309.45	25	6.25	25	16.68	25	27.41
52	324.5	315.51	25	6.49	25	17.32	25	28.47
53	330.5	321.57	25	6.73	25	18.17	25	29.54
54	336.6	327.63	25	6.98	25	18.85	25	30.64
55	342.7	333.69	25	7.24	25	19.54	25	32.12
56	348.7	339.75	25	7.49	25	20.23	30	33.25
57	355.4	345.81	25	7.79	25	21.02	30	34.54
58	361.5	351.87	25	8.13	25	21.74	30	35.74
59	367.5	357.93	25	8.32	25	22.47	30	36.93
60	373.0	363.99	25	8.58	25	23.41	30	38.05
62	385.1	376.12	25	9.24	30	24.95	30	41.01
64	397.2	388.24	25	9.83	30	26.55	30	43.63
65	403.2	394.30	25	10.13	30	27.35	30	44.96
66	409.3	400.36	30	10.44	30	28.19	30	46.84
68	421.4	412.49	30	11.07	30	29.88	30	49.65
70	433.6	424.61	30	11.72	30	31.63	30	52.57
72	447.0	436.73	30	12.45	30	33.62	30	55.87
75	463.9	454.92	30	13.41	30	36.21	30	60.83
76	469.9	460.98	30	13.76	30	37.98	30	62.42
78	482.1	473.10	30	14.49	30	39.98	30	65.70
80	494.2	485.23	30	15.22	30	42.01	30	69.04
85	524.5	515.54	30	17.15	30	47.83	30	78.61
90	554.8	545.85	30	19.18	30	53.52	30	87.96
95	585.1	576.17	30	21.34	30	59.52	30	97.83
100	615.4	606.48	30	23.60	30	66.55	30	108.22
110	676.1	667.11	30	28.49	30	80.33	30	132.03
114	700.6	691.36	30	30.59	30	86.26	30	141.77
120	736.7	727.74	30	33.82	30	95.38	30	156.76
125	767.0	758.06	30	36.66	30	103.38	30	169.92



## 16B-1-2-3

Pinions	mm
Tooth radius r3	26
Radius width C	2.5
Tooth width B1	16.2
Tooth width b1	15.8
Tooth width B2	47.7
Tooth width B3	79.6



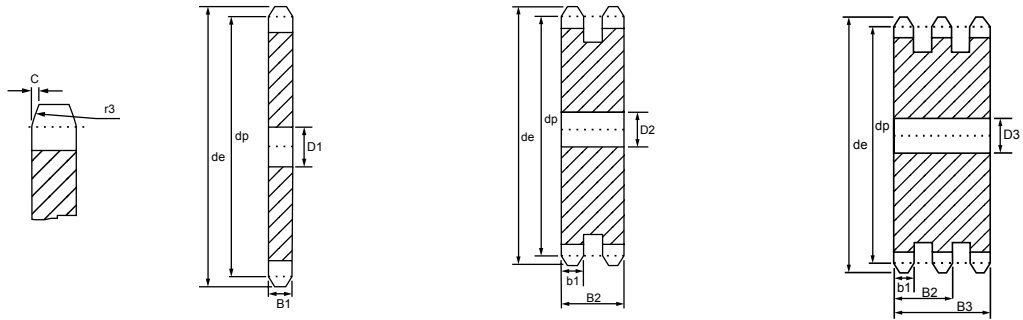
Chain	mm
Pitch	25.4
Internal width	17.02
Roller	15.88



Teeth	de	dp	Simplex		Duplex		Triplex		Teeth	de	dp	Simplex		Duplex		Triplex	
			D1	W (kg)	D2	W (kg)	D3	W (kg)				D1	W (kg)	D2	W (kg)	D3	W (kg)
8	77.0	66.37	12	0.32	16	0.71	16	1.13	44	369.1	356.05	25	11.98	25	34.24	30	56.87
9	85.0	74.27	12	0.39	16	0.97	16	1.56	45	377.1	364.12	25	12.51	25	35.57	30	59.36
10	93.0	82.19	12	0.51	16	1.27	16	2.05	46	385.2	372.20	25	13.05	25	37.12	30	62.67
11	101.5	90.14	16	0.63	20	1.61	20	2.53	47	393.2	380.28	25	13.60	25	38.68	30	65.30
12	109.0	98.14	16	0.77	20	1.94	20	3.15	48	401.3	388.36	25	14.49	25	40.76	30	68.02
13	117.0	106.12	16	0.96	20	2.36	20	3.84	49	409.3	396.44	25	15.07	25	42.40	30	70.76
14	125.0	114.15	16	1.08	20	2.81	20	4.59	50	417.4	404.52	25	15.67	25	44.10	30	73.59
15	133.0	122.17	16	1.26	20	3.31	20	5.40	51	425.5	412.60	30	16.29	30	45.82	40	77.36
16	141.0	130.20	20	1.43	20	3.84	25	6.16	52	433.6	420.68	30	16.91	30	48.69	40	80.33
17	149.0	138.22	20	1.64	20	4.41	25	7.11	53	441.7	428.76	30	17.55	30	50.53	40	83.36
18	157.0	146.28	20	1.85	20	5.01	25	8.11	54	448.3	436.84	30	18.08	30	52.05	40	85.87
19	165.2	154.33	20	2.08	20	5.66	25	9.18	55	457.9	444.92	30	18.86	30	54.30	40	89.59
20	173.2	162.38	20	2.32	20	6.34	25	10.31	56	466.0	453.01	30	19.54	30	56.24	40	93.85
21	181.2	170.43	20	2.58	25	7.00	25	11.51	57	474.0	461.08	30	20.21	30	58.19	40	97.10
22	189.3	178.48	20	2.84	25	7.76	25	12.77	58	482.1	469.16	30	20.91	30	60.88	40	100.45
23	197.5	186.53	20	3.13	25	8.56	25	14.10	59	490.2	477.24	30	21.62	30	62.94	40	103.86
24	205.5	194.59	20	3.42	25	9.40	25	14.49	60	498.3	485.33	30	22.34	30	65.04	40	107.32
25	213.5	202.66	20	3.73	25	10.28	25	16.94	62	514.5	501.49	30	23.81	30	69.34	40	115.71
26	221.6	210.72	20	4.05	25	11.20	30	18.33	64	530.7	517.65	30	25.34	30	73.77	40	123.11
27	229.6	218.79	20	4.38	25	12.15	30	19.91	65	538.8	525.73	30	26.12	30	76.04	40	126.89
28	237.7	226.85	20	4.73	25	13.14	30	21.55	66	546.8	533.80	30	26.90	30	78.32	40	132.16
29	245.8	234.92	20	5.09	25	14.17	30	23.26	68	562.9	549.98	30	29.23	30	83.93	40	140.06
30	254.0	243.00	20	5.46	25	15.24	30	25.04	70	579.2	566.15	30	30.85	30	88.86	40	148.29
31	262.0	251.08	25	5.82	25	16.35	30	26.88	72	595.4	582.31	30	32.60	30	94.30	40	156.70
32	270.0	259.13	25	6.22	25	17.50	30	28.78	75	619.7	606.56	30	35.31	30	102.85	40	171.63
33	278.5	267.21	25	6.63	25	18.68	30	30.75	76	627.0	614.64	30	36.54	30	105.69	40	175.70
34	287.0	275.28	25	7.06	25	19.90	30	32.78	78	643.3	630.81	30	38.47	30	112.05	40	186.99
35	296.2	283.36	25	7.50	25	21.16	30	34.88	80	660.0	646.97	30	40.49	30	117.94	40	196.82
36	304.6	291.44	25	7.83	25	22.46	30	37.04	85	699.9	687.39	30	46.03	30	132.64	40	221.34
37	312.6	299.51	25	8.60	25	23.80	30	40.79	90	740.3	727.80	30	51.49	30	148.39	40	247.63
38	320.7	307.59	25	9.05	25	25.18	30	41.56	95	781.1	768.22	30	57.32	30	166.99	40	278.67
39	328.8	315.67	25	9.51	25	26.59	30	44.60	100	821.1	808.64	30	63.35	30	181.33	40	311.26
40	336.9	323.75	25	9.98	25	28.39	30	46.83	110	902.0	889.48	30	77.26	30	225.08	40	375.61
41	345.0	331.81	25	10.47	25	29.78	30	49.10	114	934.3	921.81	30	82.89	40	241.49	40	402.99
42	353.0	339.89	25	10.96	25	31.07	30	51.41	120	982.8	970.32	30	91.72	40	267.22	40	445.92
43	361.1	347.97	25	11.47	25	32.62	30	53.79	125	1023.3	1010.73	30	99.43	40	289.69	40	483.43

## 20B-1-2-3

Pinions	mm
Tooth radius r3	32
Radius width C	3.5
Tooth width B1	18.5
Tooth width b1	18.2
Tooth width B2	54.6
Tooth width B3	91



Chain	mm
Pitch	31.75
Internal width	19.56
Roller	19.05

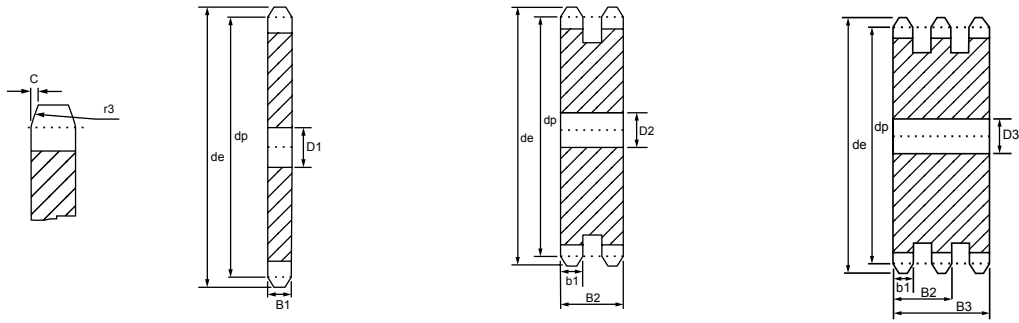


Teeth	de	dp	Simplex		Duplex		Triplex	
			D1	W (kg)	D2	W (kg)	D3	W (kg)
8	98.1	82.96	16	0.60	20	1.28	20	2.02
9	108.0	92.84	16	0.76	20	1.74	20	2.79
10	117.9	102.74	16	0.95	20	2.28	20	3.77
11	127.8	112.68	16	1.25	20	2.89	20	4.53
12	137.8	122.68	20	1.48	20	3.56	20	5.64
13	147.8	132.65	20	1.75	20	4.31	20	7.23
14	157.8	142.68	20	2.04	20	5.12	20	8.20
15	167.9	152.72	20	2.36	20	6.00	20	9.65
16	177.9	162.75	20	2.70	25	6.78	25	11.07
17	187.9	172.78	20	3.06	25	7.80	25	12.75
18	198.0	182.85	20	3.43	25	8.89	25	14.54
19	208.1	192.91	20	3.85	25	10.05	25	16.45
20	218.1	202.98	20	4.29	25	11.27	25	18.47
21	228.2	213.04	25	4.72	25	12.56	25	20.62
22	238.3	223.11	25	5.09	25	13.93	25	22.87
23	248.3	233.17	25	5.60	25	15.36	25	25.24
24	258.4	243.23	25	6.18	25	16.86	25	27.72
25	268.5	253.33	25	6.67	25	18.43	25	30.32
26	278.6	263.40	25	7.21	25	20.07	25	33.03
27	288.6	273.49	25	7.81	25	21.17	25	35.86
28	298.7	283.56	25	8.53	25	23.56	25	38.80
29	308.8	293.65	25	9.07	25	25.39	25	42.30
30	318.9	303.75	25	9.73	25	27.30	25	45.11
31	329.0	313.85	25	10.42	25	29.29	30	48.62
32	339.1	323.91	25	11.30	25	31.34	30	51.65
33	349.2	334.01	25	11.87	25	33.69	30	55.46
34	359.3	344.10	25	12.97	25	35.66	30	58.71
35	369.4	354.20	25	13.71	25	37.70	30	62.83
36	379.5	364.30	25	14.47	30	40.27	30	66.31
37	389.5	374.39	25	15.24	30	42.93	30	70.70
38	399.6	384.49	25	16.04	30	45.19	30	74.41
39	409.7	394.59	25	16.86	30	48.63	30	79.17
40	419.8	404.69	25	17.70	30	50.46	30	83.12
41	429.9	414.77	30	18.56	30	52.92	30	88.20

Teeth	de	dp	Simplex		Duplex		Triplex	
			D1	W (kg)	D2	W (kg)	D3	W (kg)
42	440.0	424.86	30	19.45	30	55.44	40	92.40
43	450.1	434.96	30	20.35	30	59.38	40	96.69
44	460.2	445.06	30	21.27	30	62.07	40	101.07
45	470.3	455.17	30	22.22	30	64.83	40	105.56
46	480.4	465.25	30	23.71	30	67.64	40	112.73
47	490.5	475.35	30	24.72	30	70.51	40	117.52
48	500.6	485.45	30	25.74	30	73.45	40	122.41
49	510.7	495.55	30	26.79	30	76.44	40	127.40
50	520.8	505.65	30	27.86	30	80.41	40	132.49
51	530.9	515.75	30	28.96	30	83.56	40	139.26
52	541.0	525.85	30	30.07	30	86.77	40	144.61
53	551.1	535.95	30	31.20	30	90.04	40	150.06
54	561.2	546.05	30	32.35	30	93.37	40	155.61
55	571.3	556.15	30	33.53	30	97.86	40	161.26
56	581.4	566.25	30	35.11	30	101.35	40	168.91
57	591.5	576.35	30	36.34	30	104.90	40	174.83
58	601.6	586.45	30	37.59	30	109.73	40	180.86
59	611.7	596.56	30	39.29	30	113.45	40	186.98
60	621.8	606.66	30	40.60	30	117.23	40	193.20
62	642.0	626.86	30	43.28	30	124.97	40	208.28
64	662.2	647.07	30	46.05	30	132.95	40	221.59
65	672.3	657.17	30	47.98	30	137.04	40	228.40
66	682.4	667.27	30	49.43	30	142.76	40	235.31
68	702.6	687.48	30	52.40	30	151.33	40	249.45
70	722.8	707.68	30	55.46	30	160.16	40	265.47
72	743.1	727.89	30	58.62	30	171.14	40	285.24
75	773.3	758.20	30	63.48	30	185.34	40	305.54
76	783.5	768.32	30	66.57	30	190.26	40	313.65
80	823.9	808.71	30	73.61	30	210.38	40	350.64
85	874.4	859.23	30	82.91	30	239.54	40	394.94
90	924.9	909.76	30	92.76	30	268.01	40	441.88
95	975.2	960.28	30	103.13	30	297.95	40	491.25
100	1026.0	1010.80	30	114.15	30	333.35	40	543.76
114	1167.4	1152.26	30	147.78	40	431.56	40	703.97

## 24B-1-2-3

Pinions	mm
Tooth radius r3	38
Radius width C	4
Tooth width B1	24.1
Tooth width b1	23.6
Tooth width B2	72
Tooth width B3	120.3



Chain	mm
Pitch	38.1
Internal width	25.4
Roller	25.4

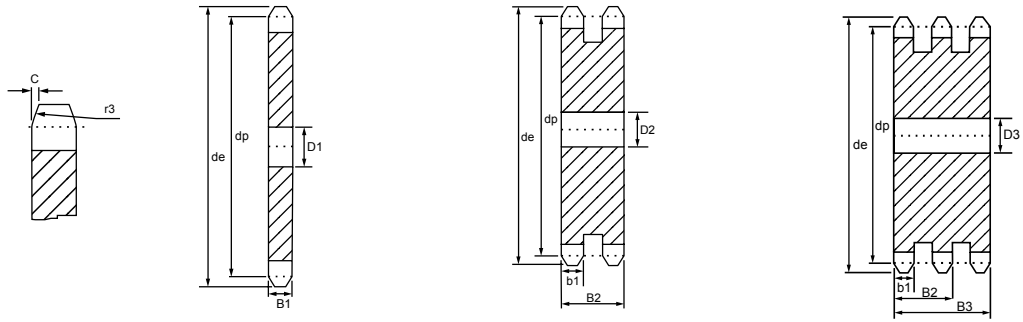


Teeth	de	dp	Simplex		Duplex		Triplex	
			D1	W (kg)	D2	W (kg)	D3	W (kg)
8	115.0	99.55	20	0.98	25	2.31	25	3.67
9	126.4	111.40	20	1.32	25	3.18	25	5.10
10	138.0	123.29	20	1.69	25	4.19	25	6.75
11	150.0	135.21	20	2.07	25	5.33	25	8.42
12	162.0	147.22	20	2.53	25	6.59	25	10.50
13	174.2	159.18	20	3.03	25	7.99	25	12.81
14	186.2	171.22	20	3.57	25	9.52	25	15.33
15	198.2	183.26	20	4.16	25	11.18	25	18.08
16	210.3	195.30	25	4.79	25	12.85	25	21.04
17	222.3	207.34	25	5.47	25	14.77	25	24.22
18	234.3	219.42	25	6.19	25	16.82	25	27.61
19	246.5	231.49	25	6.95	25	19.00	25	31.23
20	258.6	243.57	25	7.76	25	21.31	25	35.06
21	270.6	255.65	25	8.57	25	23.75	30	38.60
22	282.7	267.73	25	9.46	25	26.33	30	42.87
23	294.8	279.80	25	10.40	25	29.03	30	47.36
24	306.8	291.88	25	11.38	25	31.86	30	52.07
25	319.0	304.00	25	12.41	25	34.83	30	56.99
26	331.0	316.08	30	13.47	30	37.93	30	62.14
27	343.2	328.19	30	14.59	30	41.86	30	67.50
28	355.2	340.27	30	15.74	30	44.84	30	73.08
29	367.3	352.38	30	16.94	30	47.95	30	79.11
30	379.5	364.50	30	18.91	30	51.18	40	84.45
31	391.6	376.62	30	19.47	30	55.18	40	92.20
32	403.7	388.69	30	20.80	30	58.64	40	97.98
33	415.8	400.81	30	22.18	30	62.98	40	105.29
34	427.8	412.93	30	23.60	30	66.67	40	111.46
35	440.0	425.04	30	25.06	30	71.35	40	117.91
36	452.0	437.16	30	26.60	30	75.75	40	125.87
37	464.2	449.27	30	28.12	30	80.28	40	132.75
38	476.2	461.39	30	29.71	30	84.95	40	139.70
39	488.5	473.50	30	31.58	30	90.11	40	150.56
40	500.6	485.62	30	33.16	30	94.63	40	158.11

Teeth	de	dp	Simplex		Duplex		Triplex	
			D1	W (kg)	D2	W (kg)	D3	W (kg)
41	512.6	497.72	30	34.77	40	99.22	40	167.73
42	524.7	509.83	30	36.43	40	103.96	40	175.74
43	536.8	521.95	30	38.56	40	110.09	40	183.94
44	549.0	534.07	30	40.34	40	115.15	40	192.40
45	561.2	546.19	30	42.15	40	120.32	40	201.04
46	573.3	558.30	30	44.47	40	127.03	40	212.24
47	585.4	570.42	30	46.37	40	132.45	40	221.30
48	597.4	582.54	30	48.29	40	137.93	40	230.46
49	609.5	594.66	30	50.27	40	145.23	40	242.65
50	621.7	606.78	30	52.30	40	151.10	40	252.46
51	633.8	618.90	30	54.36	40	158.82	40	265.37
52	646.0	631.01	30	56.47	40	165.00	40	275.68
53	658.0	643.13	30	58.59	40	171.18	40	286.02
54	670.2	655.28	30	61.45	40	177.59	40	296.72
55	682.3	667.40	30	63.69	40	184.06	40	307.53
56	694.4	679.51	30	65.96	40	190.65	40	318.54
57	706.5	691.63	30	68.28	40	199.57	40	329.74
58	718.6	703.74	30	70.64	40	206.46	40	344.96
59	730.7	715.86	30	73.04	40	213.47	40	356.67
60	742.8	727.97	30	76.30	40	220.60	40	368.58
62	767.2	752.24	40	81.40	40	237.94	40	397.57
64	791.3	776.48	40	86.59	40	253.13	40	422.94
65	803.4	788.59	40	89.26	40	260.93	40	435.97
66	815.6	800.71	40	91.99	40	271.87	40	449.31
68	839.8	824.98	40	97.44	40	287.97	40	475.92
70	864.2	849.21	40	103.28	40	305.23	40	504.45
72	888.4	873.48	40	110.32	40	322.57	40	533.10
75	924.8	909.83	40	119.54	40	349.54	40	577.68
76	936.9	921.98	40	122.69	40	358.75	40	592.90
80	985.4	970.44	40	135.72	40	405.48	40	663.08
85	1046.0	1031.10	40	152.93	40	456.89	40	747.14
95	1167.3	1152.33	40	190.46	40	569.00	40	930.47

**28B-1-2-3**

Pinions	mm
Tooth radius r3	44
Radius width C	5
Tooth width B1	29.4
Tooth width b1	28.8
Tooth width B2	88.4
Tooth width B3	148



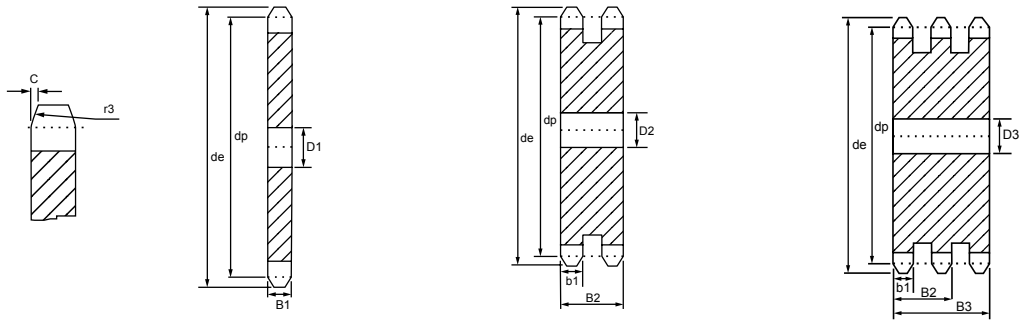
Chain	mm
Pitch	44.45
Internal width	30.99
Roller	27.94



Teeth	de	dp	Simplex		Duplex		Triplex	
			D1	W (kg)	D2	W (kg)	D3	W (kg)
8	132.0	116.15	20	1.71	25	8.16	25	6.39
9	148.4	129.96	20	2.26	25	9.37	25	8.80
10	162.3	143.85	20	2.88	25	12.03	25	11.56
11	176.3	157.77	25	3.53	25	13.56	30	14.44
12	189.5	171.74	25	4.29	25	16.05	30	17.93
13	204.2	185.75	25	5.12	25	19.81	30	21.79
14	218.2	199.76	25	6.03	25	21.74	30	26.02
15	232.3	213.79	25	7.01	25	23.55	30	30.61
16	246.3	227.84	30	8.02	30	26.47	30	35.57
17	260.0	241.91	30	9.14	30	29.50	30	40.89
18	274.0	255.98	30	10.34	30	32.76	30	46.58
19	289.0	270.06	30	11.61	30	36.44	30	52.64
20	303.0	284.15	30	12.95	30	40.06	30	59.06
21	317.0	298.24	30	14.37	30	43.85	30	65.20
22	331.0	312.34	30	15.86	30	47.81	30	73.03
23	345.0	326.44	30	17.42	30	51.94	30	79.34
24	359.0	340.55	30	19.05	30	56.24	30	88.27
25	373.0	354.66	30	20.76	30	60.71	40	95.29
26	387.0	368.77	30	22.54	30	65.35	40	105.31
27	401.4	382.88	30	24.39	30	70.30	40	113.29
28	416.0	397.00	30	26.32	30	75.51	40	121.68
29	430.0	411.12	30	28.51	30	80.68	40	131.70
30	444.0	425.24	30	30.40	30	86.02	40	142.21
31	458.0	439.37	30	32.34	30	91.53	40	153.24
32	472.0	453.49	30	34.35	30	97.21	40	162.75
33	486.0	467.62	30	37.28	30	103.06	40	172.55
34	500.0	481.75	30	39.45	30	109.09	40	182.63
35	514.0	495.88	30	41.69	30	115.28	40	193.00
36	529.0	510.01	30	44.16	30	122.11	40	214.65
37	543.0	524.14	30	47.07	30	128.66	40	226.17
38	557.0	538.27	30	49.53	30	135.37	40	237.98
39	571.0	552.40	30	53.23	30	142.27	40	250.09
40	585.0	566.54	30	55.87	30	149.33	40	262.51
45	656.0	637.22	30	70.26	30	187.77	40	337.95
50	726.0	707.91	30	87.01	30	229.99	40	418.74
57	825.0	806.89	40	113.56	40	296.99	40	540.72
60	869.0	849.32	40	126.08	40	329.51	40	599.94
76	1095.0	1075.6	40	203.89	40	570.32	40	952.56

## 32B-1-2-3

Pinions	mm
Tooth radius r3	51
Radius width C	5
Tooth width B1	29.4
Tooth width b1	28.8
Tooth width B2	87.4
Tooth width B3	146



Chain	mm
Pitch	50.8
Internal width	30.99
Roller	29.21

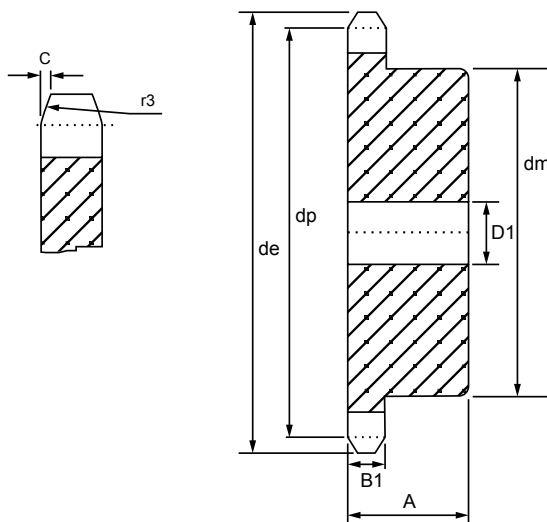


Teeth	de	dp	Simplex				Duplex				Triplex			
			dm	D1	A	W (kg)	dm	D2	A	W (kg)	dm	D3	A	W (kg)
8	153.2	132.69	82	25	80	4.20	82	30	120	6.65	82	30	180	9.90
9	169.0	148.54	88	25	80	5.78	88	30	120	9.14	88	30	180	13.65
10	185.0	164.44	104	25	80	7.60	104	30	120	12.01	104	30	180	17.97
11	200.8	180.34	120	30	80	9.26	120	30	120	14.75	120	30	180	22.22
12	216.8	196.29	*133	30	80	10.91	*133	30	120	17.95	*133	30	180	27.23
13	232.8	212.29	*145	30	80	13.05	*145	30	120	21.68	*145	30	180	32.98
14	248.8	228.29	*145	30	80	14.25	*145	30	120	25.03	*145	30	180	38.50
15	264.8	244.30	*145	30	80	15.53	*160	30	120	29.30	*160	30	180	45.04
16	280.9	260.40	*160	30	90	19.87	*160	30	120	33.21	*160	30	180	51.50
17	296.9	276.40	*160	30	90	21.35	*180	30	120	38.76	*180	30	180	61.45
18	313.0	292.55	*160	30	90	22.94	*180	30	120	43.24	*180	30	180	68.85
19	329.1	308.66	*160	30	90	24.53	*200	30	120	49.52	*200	30	180	76.73
20	345.2	324.71	*180	30	90	28.50	*200	30	120	54.56	*200	30	180	85.07
21	361.3	340.82	*180	30	90	30.36	*200	30	120	59.87	*200	40	180	93.89
22	377.5	356.98	*180	30	90	32.80	*200	30	120	65.47	*200	40	180	104.15
23	393.6	373.08	*180	30	90	34.79	*200	30	120	71.35	*200	40	180	112.54
24	409.7	389.18	*180	30	90	36.87	*200	30	120	77.52	*200	40	180	124.79
25	425.8	405.33	*180	30	90	39.03	*200	30	120	83.66	*200	40	180	134.13
26	441.9	421.44	*180	30	90	41.27	*200	30	120	90.69	*200	40	180	145.85
27	458.1	437.59	*180	30	90	43.60	*200	30	120	97.81	*200	40	180	156.11
28	474.2	453.69	*180	30	90	46.01	*200	30	120	104.26	*200	40	180	168.98
29	490.4	469.90	*180	30	90	48.51	*200	30	120	112.53	*200	40	180	180.12
30	506.5	486.00	*180	30	90	51.08	*200	30	120	119.52	*200	40	180	194.17
32	538.8	518.26	*180	30	90	56.48	*200	30	120	137.91	*200	40	180	221.50
35	589.5	566.72	*180	30	90	65.63	*200	30	120	163.50	*200	40	180	266.82
38	635.5	615.14	*180	30	90	74.63	*200	30	120	193.71	*200	40	180	316.64
40	670.3	647.49	*180	30	90	81.88	*200	30	120	214.55	*200	40	180	360.13
45	751.0	728.25	*180	30	100	101.75	*200	30	120	270.57	*200	40	180	449.36
50	831.8	809.04	*180	30	100	122.13	*200	30	120	329.88	*200	40	180	548.77
57	945.0	922.16	*180	30	100	154.16	*220	30	120	424.47	*220	40	180	706.47
60	993.4	970.65	*200	30	110	173.55	*220	30	130	470.44	*220	40	180	779.29
76	1252.0	1229.30	*200	30	110	265.88	*220	30	130	739.11	*238	40	180	1231.08

## 03B-1

Pinions	mm
Tooth radius r3	5
Radius width C	0.6
Tooth width B1	2.3

Chain	mm
Pitch	5
Internal width	2.5
Roller	3.2
H=4mm- From	
Z=80 the width of the plate is increased	



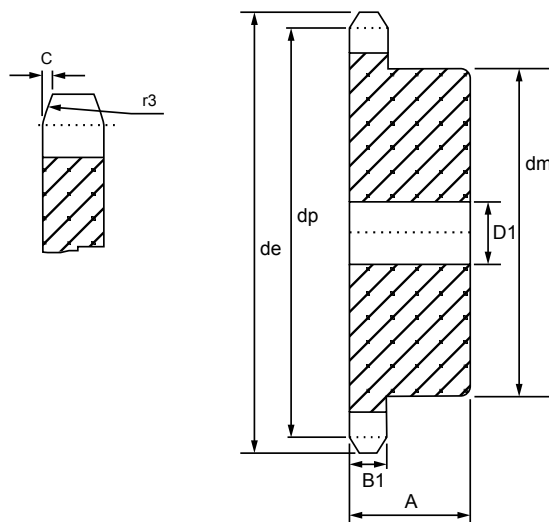
Teeth	de	dp	Simplex			
			dm	D1	A	W (kg)
8	15.2	13.06	7	4	10	0.01
9	16.8	14.62	8	5	10	0.01
10	18.3	16.18	9	5	10	0.01
11	19.9	17.75	11	6	10	0.01
12	21.5	19.32	12	6	10	0.01
13	23.0	20.89	14	6	10	0.02
14	24.6	22.47	15	6	10	0.02
15	26.2	24.04	16	6	10	0.02
16	27.8	25.63	18	8	13	0.03
17	29.4	27.20	18	8	13	0.03
18	30.9	28.79	18	8	13	0.03
19	32.5	30.38	18	8	13	0.03
20	34.1	31.96	18	8	13	0.04
21	35.7	33.54	20	8	13	0.04
22	37.3	35.13	20	8	13	0.04
23	38.9	36.72	20	8	13	0.04
24	40.5	38.30	20	8	13	0.05
25	42.0	39.89	20	8	13	0.05
26	43.6	41.48	25	8	15	0.07
27	45.2	43.07	25	8	15	0.07
28	46.8	44.65	25	8	15	0.07
29	48.4	46.25	25	8	15	0.08
30	50.0	47.83	25	8	15	0.08
31	51.6	49.42	30	8	15	0.10
32	53.2	51.01	30	8	15	0.10
33	54.8	52.60	30	8	15	0.11
34	56.3	54.19	30	8	15	0.11
35	57.9	55.78	30	8	15	0.11
36	59.5	57.37	30	8	15	0.11
37	61.1	58.96	30	8	15	0.12
38	62.7	60.54	30	8	15	0.12
39	64.3	62.13	30	8	15	0.12
40	65.9	63.73	30	8	15	0.12
41	67.5	65.30	40	8	18	0.18
42	69.1	66.91	40	8	18	0.18
43	70.6	68.49	40	8	18	0.18

Teeth	de	dp	Simplex			
			dm	D1	A	W (kg)
44	72.2	70.09	40	8	18	0.19
45	73.8	71.68	40	8	18	0.19
46	75.4	73.27	40	8	18	0.20
47	77.0	74.86	40	8	18	0.20
48	78.6	76.45	40	8	18	0.21
49	80.2	78.03	40	8	18	0.21
50	81.8	79.63	40	8	18	0.21
51	83.4	81.22	40	8	18	0.22
52	85.0	82.81	40	8	18	0.22
53	86.6	84.40	40	8	18	0.23
54	88.1	85.97	40	8	18	0.23
55	89.7	87.58	40	8	18	0.24
56	91.3	89.17	40	8	18	0.24
57	92.9	90.76	40	8	18	0.25
58	94.5	92.35	50	8	20	0.32
59	96.1	93.94	50	8	20	0.32
60	97.7	95.53	50	8	20	0.33
62	100.9	98.72	50	8	20	0.34
64	104.1	101.9	50	8	20	0.35
65	105.6	103.49	50	8	20	0.36
66	107.2	105.08	50	8	20	0.36
68	110.4	108.26	50	8	20	0.38
70	113.6	111.44	50	8	20	0.39
72	116.8	114.63	50	8	20	0.40
75	121.6	119.40	50	8	20	0.42
76	123.1	120.99	50	8	20	0.43
78	126.3	124.17	70	8	30	0.75
80	129.5	127.35	70	8	30	0.77
85	137.5	135.31	70	8	30	0.81
90	145.4	143.27	70	8	30	0.84
95	153.4	151.22	70	8	30	0.89
100	161.3	159.18	70	8	30	0.93
110	177.2	175.09	70	8	30	1.02
114	183.6	181.45	70	8	30	1.06
120	193.2	191.01	70	8	30	1.12
125	201.1	198.96	70	8	30	1.18

## 04B-1

Pinions	mm
Tooth radius r3	6
Radius width C	0.7
Tooth width B1	2.6

Chain	mm
Pitch	6
Internal width	2.8
Roller	4
H=4mm- From	
Z=66 the width of the plate is increased	



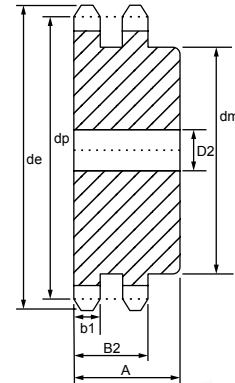
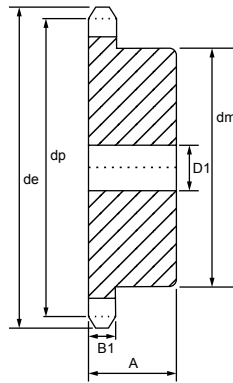
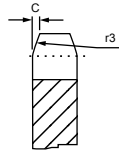
Teeth	de	dp	Simplex			
			dm	D1	A	W (kg)
8	18	15.67	9.8	5	10	0.01
9	19.9	17.54	11.5	5	10	0.01
10	21.7	19.42	13	6	10	0.01
11	23.6	21.30	14	6	10	0.10
12	25.4	23.18	16	6	10	0.02
13	27.3	25.05	18	8	10	0.02
14	29.2	26.96	20	8	10	0.03
15	31.0	28.86	20	8	10	0.03
16	33.0	30.76	20	8	13	0.03
17	35.0	32.65	20	8	13	0.04
18	36.9	34.55	20	8	13	0.04
19	38.8	36.44	20	8	13	0.04
20	40.7	38.34	20	8	13	0.04
21	42.6	40.25	25	8	13	0.06
22	44.5	42.16	25	8	13	0.06
23	46.4	44.06	25	8	13	0.07
24	48.3	45.96	25	8	13	0.07
25	50.2	47.87	25	8	13	0.08
26	52.1	49.76	30	8	15	0.10
27	54.0	51.67	30	8	15	0.11
28	55.9	53.58	30	8	15	0.11
29	57.8	55.50	30	8	15	0.11
30	59.8	57.42	30	8	15	0.12
31	61.7	59.31	30	8	15	0.12
32	63.6	61.21	30	8	15	0.12
33	65.5	63.11	30	8	15	0.13
34	67.4	65.02	30	8	15	0.13
35	69.3	66.93	30	8	15	0.14
36	71.2	68.84	30	8	15	0.14
37	73.1	70.75	30	8	15	0.14
38	75.0	72.66	30	8	15	0.15
39	76.9	74.57	30	8	15	0.15
40	78.9	76.47	30	8	15	0.16
41	80.8	78.38	40	8	18	0.24
42	82.7	80.28	40	8	18	0.24
43	84.7	82.20	40	8	18	0.25

Teeth	de	dp	Simplex			
			dm	D1	A	W (kg)
44	86.6	84.10	40	8	18	0.25
45	88.5	86.01	40	8	18	0.26
46	90.4	87.92	40	8	18	0.26
47	92.3	89.83	40	8	18	0.27
48	94.2	91.74	40	8	18	0.27
49	96.1	93.64	40	8	18	0.28
50	98.0	95.55	40	8	18	0.29
51	99.9	97.46	40	8	18	0.29
52	101.8	99.37	40	8	18	0.30
53	103.7	101.27	40	8	18	0.30
54	105.6	103.17	40	8	18	0.31
55	107.6	105.08	40	8	18	0.31
56	109.5	107.00	40	8	18	0.32
57	111.4	108.93	40	8	18	0.33
58	113.3	110.82	50	8	20	0.44
59	115.2	112.71	50	8	20	0.45
60	117.1	114.62	50	8	20	0.45
62	120.9	118.45	50	8	20	0.47
64	124.7	122.27	50	8	20	0.48
65	126.6	124.18	50	8	20	0.49
66	128.5	126.09	50	8	20	0.50
68	132.4	129.91	50	8	20	0.51
70	136.2	133.73	50	8	20	0.53
72	140.0	137.55	50	8	20	0.54
75	145.7	143.28	50	8	20	0.57
76	147.6	145.19	50	8	20	0.58
78	151.5	149.01	70	8	30	1.11
80	155.3	152.82	70	8	30	1.13
85	164.8	162.37	70	8	30	1.18
90	174.4	171.92	70	8	30	1.23
95	183.9	181.47	70	8	30	1.28
100	193.5	191.01	70	8	30	1.33
110	212.6	210.11	70	8	30	1.45
114	220.2	217.75	70	8	30	1.50
120	231.7	229.20	70	8	30	1.57
125	241.2	238.75	70	8	30	1.64

## 05B-1-2

Pinions	mm
Tooth radius r3	8
Radius width C	1.0
Tooth width B1	2.8
Tooth width b1	2.7
Tooth width B2	8.3

Chain	mm
Pitch	8
Internal width	3
Roller	5
Material: C 45 *Weld-on hub	



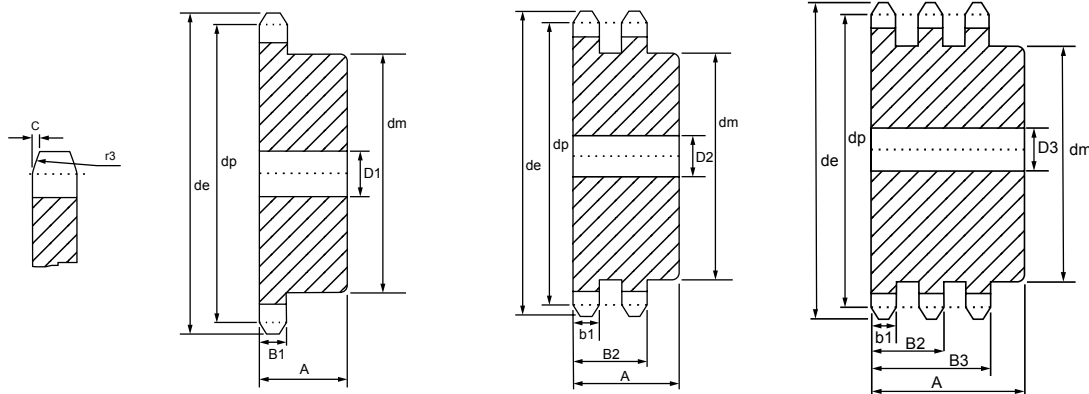
Teeth	de	dp	Simplex				Duplex			
			dm	D1	A	W (kg)	dm	D2	A	W (kg)
8	24.0	20.90	13	6	12	0.01	12	8	18	0.02
9	26.6	23.39	15	6	12	0.02	15	8	18	0.03
10	29.2	25.89	17	8	12	0.02	17	8	18	0.03
11	31.7	28.39	18	8	13	0.03	19	8	18	0.04
12	34.2	30.91	20	8	13	0.04	21	8	18	0.05
13	36.7	33.42	23	8	13	0.05	24	8	18	0.07
14	39.2	35.95	25	8	13	0.05	26	8	18	0.08
15	41.7	38.48	28	8	13	0.07	29	8	18	0.10
16	44.3	41.01	30	8	14	0.08	32	10	20	0.13
17	46.8	43.53	30	8	14	0.09	34	10	20	0.15
18	49.3	46.07	30	8	14	0.10	37	10	20	0.17
19	51.9	48.61	30	8	14	0.10	39	10	20	0.20
20	54.4	51.14	30	8	14	0.11	40	10	20	0.21
21	57.0	53.68	35	8	14	0.13	40	10	20	0.25
22	59.5	56.21	35	8	14	0.14	40	10	20	0.26
23	62.0	58.75	35	8	14	0.14	40	10	20	0.28
24	64.6	61.29	35	8	14	0.15	40	10	20	0.31
25	67.5	63.83	35	8	14	0.15	40	10	20	0.32
26	69.5	66.37	40	10	16	0.20	50	12	22	0.38
27	72.2	68.91	40	10	16	0.21	50	12	22	0.40
28	74.8	71.45	40	10	16	0.21	50	12	22	0.41
29	77.3	73.99	40	10	16	0.22	50	12	22	0.43
30	79.8	76.53	40	10	16	0.22	50	12	22	0.45
31	82.4	79.08	40	10	16	0.23	60	12	22	0.50
32	84.9	81.61	40	10	16	0.24	60	12	22	0.59
33	87.5	84.16	40	10	16	0.24	60	12	22	0.62
34	90.0	86.70	40	10	16	0.25	60	12	22	0.64
35	92.5	89.25	40	10	16	0.26	60	12	22	0.66
36	95.0	91.79	40	10	16	0.27	60	12	22	0.68
37	97.6	94.33	40	10	16	0.27	60	12	22	0.70
38	100.2	96.88	40	10	16	0.28	60	12	22	0.72
39	102.7	99.42	40	10	16	0.29	60	12	22	0.75
40	105.3	101.97	40	10	16	0.30	60	12	22	0.77
41	107.8	104.51	58	10	20	0.52	78	12	38	1.51
42	110.4	107.05	58	10	20	0.53	78	12	38	1.54
43	112.9	109.60	58	10	20	0.54	78	12	38	1.56

Teeth	de	dp	Simplex				Duplex			
			dm	D1	A	W (kg)	dm	D2	A	W (kg)
44	115.5	112.14	58	10	20	0.55	78	12	38	1.59
45	118.0	114.69	58	10	20	0.56	78	12	38	1.62
46	120.6	117.23	58	10	20	0.57	78	12	38	1.65
47	123.1	119.77	58	10	20	0.58	78	12	38	1.67
48	125.6	122.32	58	10	20	0.59	78	12	38	1.70
49	128.2	124.86	58	10	20	0.60	78	12	38	1.73
50	130.7	127.41	58	10	20	0.61	78	12	38	1.76
51	133.3	129.95	78	10	20	0.89	78	12	38	1.79
52	135.8	132.49	78	10	20	0.90	78	12	38	1.82
53	138.4	135.04	78	10	20	0.91	78	12	38	1.85
54	140.9	137.59	78	10	20	0.92	78	12	38	1.89
55	143.5	140.13	78	10	20	0.93	78	12	38	1.92
56	146.0	142.68	78	10	20	0.94	78	12	38	1.95
57	148.6	145.22	78	10	20	0.96	78	12	38	1.99
58	151.0	147.77	78	10	34	1.46	78	12	38	2.02
59	153.6	150.31	78	10	34	1.47	78	12	38	2.06
60	156.2	152.86	78	10	34	1.48	78	12	38	2.09
62	162.0	157.95	78	10	34	1.51	78	12	38	2.18
64	167.1	163.04	78	10	34	1.54	78	12	38	2.25
65	169.6	165.58	78	10	34	1.55	78	12	38	2.29
66	172.2	168.13	78	10	34	1.57	78	12	38	2.33
68	177.3	173.22	78	10	34	1.60	78	12	38	2.41
70	182.4	178.31	78	10	34	1.63	78	12	38	2.49
72	187.5	183.40	78	10	34	1.66	78	12	38	2.58
75	195.1	191.04	78	10	34	1.70	78	12	38	2.71
76	197.7	193.59	78	10	34	1.72	78	12	38	2.76
78	202.8	198.68	*78	10	34	1.75	*78	12	38	2.85
80	207.9	203.77	*78	10	34	1.79	*78	12	38	2.95
85	220.6	216.50	*78	10	34	1.87	*88	12	43	3.67
90	233.4	229.23	*78	10	34	1.97	*88	12	43	3.94
95	246.1	241.96	*78	10	34	2.07	*88	12	43	4.21
100	258.9	254.68	*78	10	34	2.17	*88	12	43	4.50
110	284.3	280.15	*88	10	39	2.91	*88	12	43	5.13
114	294.5	290.33	*88	10	39	3.01	*88	12	43	5.40
120	310.0	305.61	*88	10	39	3.16	*88	12	43	5.82
125	322.5	318.34	*88	10	39	3.28	*88	12	43	6.18



## 06B-1-2-3

Pinions	mm
Tooth radius r3	10
Radius width C	1
Tooth width B1	5.3
Tooth width b1	5.2
Tooth width B2	15.4
Tooth width B3	25.6



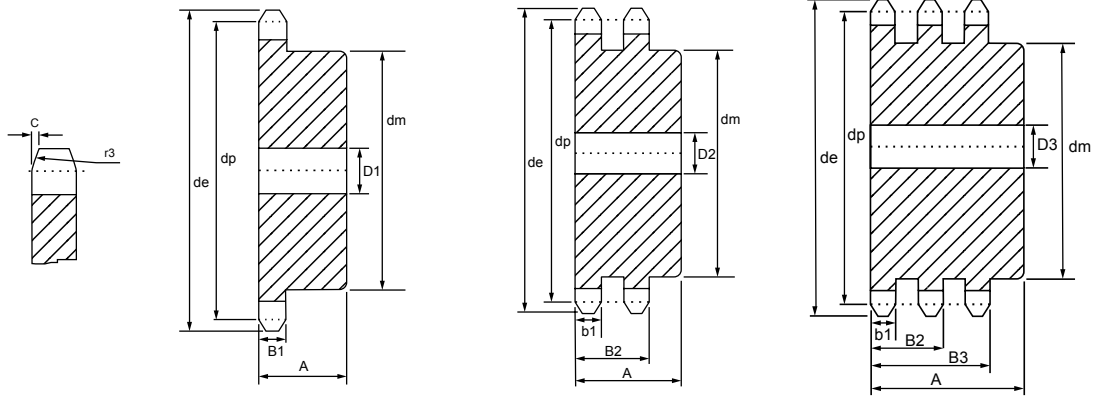
Chain	mm
Pitch	9.525
Internal width	5.72
Roller	6.35
Material: C 45 *Weld-on hub	



Teeth	de	dp	Simplex				Duplex				Triplex			
			dm	D1	A	W (kg)	dm	D2	A	W (kg)	dm	D3	A	W (kg)
8	28.0	24.89	15	8	20	0.03	15	8	22	0.04	15	8	32	0.05
9	31.0	27.85	18	8	20	0.04	18	8	22	0.05	18	8	32	0.07
10	34.0	30.82	20	8	20	0.05	20	8	22	0.07	20	10	32	0.09
11	37.0	33.80	22	8	25	0.08	22	10	25	0.10	22	10	35	0.11
12	40.0	36.80	25	8	25	0.10	25	10	25	0.13	25	10	35	0.15
13	43.0	39.79	28	10	25	0.13	28	10	25	0.16	28	10	35	0.19
14	46.3	42.80	31	10	25	0.16	31	10	25	0.20	31	12	35	0.23
15	49.3	45.81	34	10	25	0.19	34	10	25	0.24	34	12	35	0.28
16	52.3	48.82	37	10	28	0.24	37	12	30	0.27	37	12	35	0.33
17	55.3	51.83	40	10	28	0.28	40	12	30	0.32	40	12	35	0.39
18	58.3	54.85	43	10	28	0.33	43	12	30	0.38	43	12	35	0.45
19	61.3	57.87	45	10	28	0.36	46	12	30	0.42	46	12	35	0.51
20	64.3	60.89	46	10	28	0.39	49	12	30	0.48	49	12	35	0.58
21	68.0	63.91	48	12	28	0.42	52	12	30	0.52	52	14	40	0.70
22	71.0	66.93	50	12	28	0.46	55	12	30	0.58	55	14	40	0.78
23	73.5	69.95	52	12	28	0.49	58	12	30	0.64	58	14	40	0.87
24	77.0	72.97	54	12	28	0.54	61	12	30	0.71	61	14	40	0.97
25	80.0	76.02	57	12	28	0.60	64	12	30	0.79	64	14	40	1.06
26	83.0	79.02	60	12	28	0.66	67	12	30	0.87	67	14	40	1.17
27	86.0	82.05	60	12	28	0.67	70	12	30	0.94	70	14	40	1.27
28	89.0	85.07	60	12	28	0.69	73	12	30	1.03	73	14	40	1.39
29	92.0	88.09	60	12	28	0.70	76	12	30	1.11	76	14	40	1.50
30	94.7	91.12	60	12	28	0.72	79	12	30	1.20	79	14	40	1.62
31	98.3	94.15	65	14	30	0.87	80	16	30	1.27	80	16	40	1.72
32	101.3	97.17	65	14	30	0.89	80	16	30	1.32	80	16	40	1.80
33	104.3	100.20	65	14	30	0.91	80	16	30	1.37	80	16	40	1.89
34	107.3	103.23	65	14	30	0.92	80	16	30	1.43	85	16	40	2.06
35	110.4	106.26	65	14	30	0.95	80	16	30	1.49	85	16	40	2.15
36	113.4	109.29	70	14	30	1.05	90	16	30	1.70	90	16	40	2.33
37	116.4	112.32	70	14	30	1.09	90	16	30	1.76	90	16	40	2.55
38	119.5	115.35	70	14	30	1.10	90	16	30	1.81	90	16	40	2.65
39	122.5	118.37	70	14	30	1.12	90	16	30	1.88	90	16	40	2.75
40	125.5	121.40	70	14	30	1.14	90	16	30	1.95	90	16	40	2.86
41	128.5	124.43	78	14	32	1.44	90	16	40	2.43	90	16	56	3.62
42	131.6	127.46	78	14	32	1.56	90	16	40	2.49	90	16	56	3.71
43	134.6	130.49	78	14	32	1.60	90	16	40	2.56	90	16	56	3.82

## 06B-1-2-3

Pinions	mm
Tooth radius r3	10
Radius width C	1
Tooth width B1	5.3
Tooth width b1	5.2
Tooth width B2	15.4
Tooth width B3	25.6



Chain	mm
Pitch	9.525
Internal width	5.72
Roller	6.35
Material: C 45 *Weld-on hub	

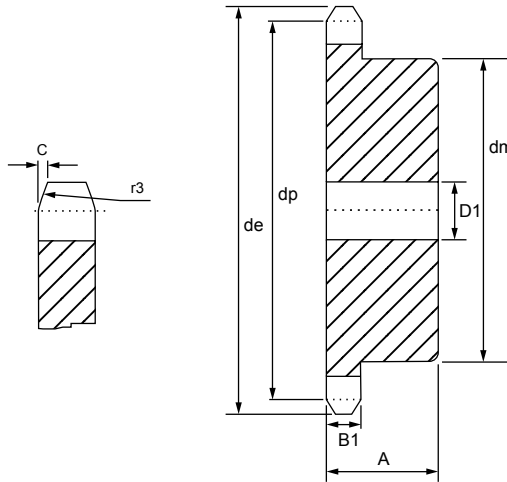


Teeth	de	dp	Simplex				Duplex				Triplex			
			dm	D1	A	W (kg)	dm	D2	A	W (kg)	dm	D3	A	W (kg)
44	137.6	133.52	78	14	32	1.64	90	16	40	2.63	90	16	56	3.94
45	140.7	136.55	78	14	32	1.66	90	16	40	2.70	90	16	56	4.06
46	143.7	139.58	78	14	32	1.67	90	16	40	2.77	90	16	56	4.17
47	146.7	142.61	78	14	32	1.71	90	16	40	2.85	90	16	56	4.29
48	149.7	145.64	78	14	32	1.74	90	16	40	2.93	90	16	56	4.42
49	152.7	148.66	78	14	32	1.78	90	16	40	3.00	90	16	56	4.54
50	155.7	151.69	78	14	32	1.80	90	16	40	3.08	90	16	56	4.67
51	158.7	154.72	78	14	32	1.82	90	16	40	3.16	90	16	56	4.80
52	161.8	157.75	78	14	32	1.84	90	16	40	3.24	90	16	56	4.94
53	164.8	160.78	78	14	32	1.86	90	16	40	3.33	90	16	56	5.07
54	167.8	163.82	78	14	32	1.87	90	16	40	3.42	90	16	56	5.21
55	170.8	166.85	78	14	32	1.89	90	16	40	3.50	90	16	56	5.35
56	173.8	169.88	78	14	32	1.92	90	16	40	3.59	90	16	56	5.49
57	176.9	172.91	78	14	32	1.96	90	16	40	3.68	90	16	56	5.72
58	179.9	175.93	78	14	32	1.97	90	16	40	3.77	90	16	56	5.87
59	183.0	178.96	78	14	32	1.99	90	16	40	3.87	90	16	56	6.02
60	186.0	181.99	78	14	32	2.03	90	16	40	3.96	90	16	56	6.18
62	192.1	188.06	78	14	32	2.06	90	16	40	4.15	90	16	56	6.50
64	198.2	194.12	78	14	32	2.13	90	16	40	4.36	90	16	56	6.83
65	201.6	197.15	*78	14	32	2.17	*90	16	40	4.60	*90	16	56	7.16
66	204.6	200.18	*78	14	32	2.21	*90	16	40	4.71	*90	16	56	7.34
68	210.7	206.24	*78	14	32	2.29	*90	16	40	4.93	*90	16	56	7.70
70	216.7	212.30	*78	14	32	2.36	*90	16	40	5.15	*90	16	56	8.06
72	222.8	218.37	*78	14	32	2.45	*90	16	40	5.38	*90	16	56	8.45
75	231.9	227.46	*78	14	32	2.57	*90	16	40	5.74	*90	16	56	9.03
76	234.9	230.49	*78	14	32	2.67	*90	16	40	5.86	*90	16	56	9.23
78	241.0	236.55	*78	14	32	2.70	*90	16	40	6.12	*90	16	56	9.64
80	247.1	242.61	*78	14	32	2.79	*90	16	40	6.38	*90	16	56	10.06
85	262.2	257.77	*80	14	32	3.08	*90	16	40	7.24	*90	16	56	11.37
90	277.4	272.93	*80	14	32	3.33	*90	16	40	7.97	*90	16	56	12.56
95	292.5	288.08	*80	14	32	3.59	*90	16	40	8.75	*90	16	56	13.79
100	307.7	303.25	*80	14	32	3.87	*90	16	40	9.56	*90	16	56	15.11
110	338.0	333.55	*80	14	32	4.46	*90	16	40	11.30	*90	16	56	17.92
114	349.5	345.68	*80	14	32	4.70	*90	16	40	12.01	*90	16	56	19.05
120	368.3	363.86	*80	14	32	5.11	*90	16	40	13.97	*90	16	56	21.82
125	383.5	379.02	*80	14	32	5.46	*90	16	40	15.04	*90	16	56	23.55

## 08B-1

Pinions	mm
Tooth radius r3	13
Radius width C	1.0
Tooth width B1	3

Chain	mm
Pitch	12.7
Internal width	3.3
Roller	7.75
Material: C 45 *Weld-on hub	
H= 5mm From Z=31 the width of the plate is increased	



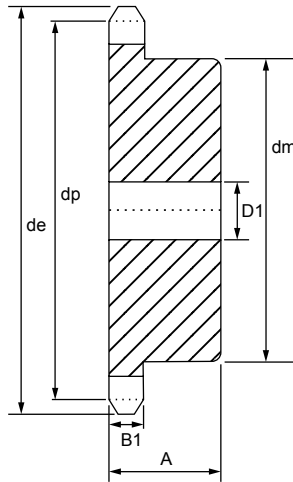
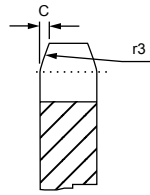
Teeth	de	dp	Simplex			
			dm	D1	A	W (kg)
8	37.2	33.18	21	8	14	0.04
9	41.5	37.13	25	8	14	0.06
10	46.2	41.10	28	8	14	0.07
11	49.6	45.07	31	8	16	0.10
12	53.9	49.07	35	8	16	0.13
13	58.4	53.06	39	8	16	0.16
14	62.8	57.07	43	8	16	0.19
15	66.8	61.09	47	8	16	0.23
16	70.9	65.10	50	10	18	0.29
17	74.9	69.11	50	10	18	0.30
18	78.9	73.14	50	10	18	0.31
19	82.9	77.16	50	10	18	0.32
20	86.9	81.19	50	10	18	0.33
21	91.0	85.22	60	12	20	0.48
22	95.0	89.24	60	12	20	0.49
23	99.0	93.27	60	12	20	0.51
24	103.0	97.29	60	12	20	0.52
25	107.1	101.33	60	12	20	0.53
26	111.2	105.36	70	16	20	0.67
27	115.4	109.40	70	16	20	0.69
28	119.4	113.42	70	16	20	0.70
29	123.4	117.46	70	16	20	0.72
30	127.5	121.50	70	16	20	0.74
31	131.5	125.54	70	16	20	0.76
32	135.5	129.56	70	16	20	0.77
33	139.6	133.60	70	16	20	0.79
34	143.6	137.64	70	16	20	0.81
35	147.6	141.68	70	16	20	0.83
36	151.7	145.72	70	16	25	1.00
37	155.7	149.76	70	16	25	1.02
38	159.8	153.80	70	16	25	1.04
39	163.8	157.83	70	16	25	1.06
40	167.8	161.87	70	16	25	1.09
41	171.4	165.91	78	16	32	1.40
42	175.4	169.95	78	16	32	1.44
43	179.5	173.99	78	16	32	1.47

Teeth	de	dp	Simplex			
			dm	D1	A	W (kg)
44	183.5	178.03	78	16	32	1.50
45	187.5	182.07	78	16	32	1.54
46	191.6	186.10	78	16	32	1.57
47	195.6	190.14	78	16	32	1.61
48	199.7	194.18	78	16	32	1.65
49	203.7	198.22	*78	16	32	1.68
50	207.8	202.26	*78	16	32	1.72
51	211.8	206.30	*78	16	32	1.76
52	215.9	210.34	*78	16	32	1.80
53	219.9	214.37	*78	16	32	1.84
54	224.0	218.43	*78	16	32	1.88
55	228.0	222.46	*78	16	32	1.92
56	232.1	226.50	*78	16	32	1.97
57	236.1	230.54	*78	16	32	2.01
58	240.2	234.58	*78	16	32	2.05
59	244.2	238.62	*78	16	32	2.10
60	248.2	242.66	*78	16	32	2.14
62	256.7	250.75	*78	16	32	2.24
64	264.8	258.82	*78	16	32	2.34
65	268.8	262.86	*78	16	32	2.39
66	272.9	266.90	*78	16	32	2.44
68	280.9	274.99	*78	16	32	2.54
70	289.0	283.07	*78	16	32	2.64
72	297.1	291.16	*78	16	32	2.75
76	313.3	307.33	*78	16	32	2.98
78	321.4	315.40	*78	16	32	3.10
80	329.4	323.48	*78	16	32	3.21
85	349.7	343.70	*80	16	32	3.56
90	369.9	363.90	*80	16	32	3.90
95	390.1	384.10	*80	16	32	6.51
100	410.3	404.31	*80	16	32	7.10
110	450.7	444.74	*80	16	32	8.36
114	466.9	460.90	*80	16	32	8.90
120	491.2	485.16	*80	16	32	9.74
125	511.4	505.37	*80	16	32	10.47

## 083B / 084B-1

Pinions	mm
Tooth radius r3	13
Radius width C	1.3
Tooth width B1	4.5

Chain	mm
Pitch	12.7
Internal width	4.88
Roller	7.75
Material: C 45 *Weld-on hub	



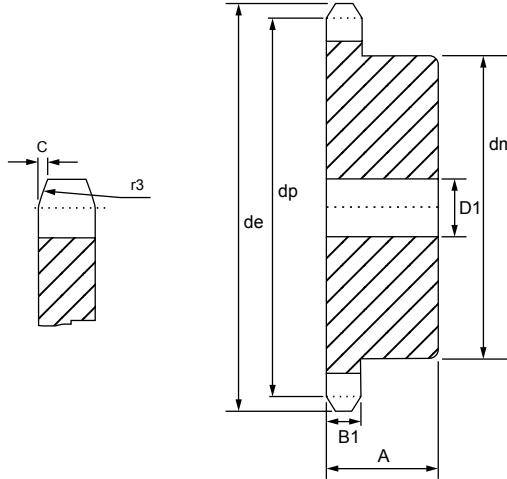
Teeth	de	dp	Simplex			
			dm	D1	A	W (kg)
8	38.5	33.18	21	8	14	0.05
9	41.5	37.13	25	8	14	0.06
10	46.2	41.10	28	8	14	0.08
11	49.6	45.07	31	8	16	0.11
12	53.9	49.07	35	8	16	0.14
13	58.4	53.06	39	8	16	0.17
14	62.8	57.07	43	8	16	0.21
15	66.8	61.09	47	8	16	0.24
16	70.9	65.10	50	10	18	0.30
17	74.9	69.11	50	10	18	0.32
18	78.9	73.14	50	10	18	0.33
19	82.9	77.16	50	10	18	0.35
20	86.9	81.19	50	10	18	0.37
21	91.0	85.22	60	12	20	0.51
22	95.0	89.24	60	12	20	0.53
23	99.0	93.27	60	12	20	0.55
24	103.0	97.29	60	12	20	0.57
25	107.1	101.33	60	12	20	0.60
26	111.2	105.36	70	16	20	0.73
27	115.4	109.40	70	16	20	0.75
28	119.4	113.42	70	16	20	0.78
29	123.4	117.46	70	16	20	0.80
30	127.5	121.50	70	16	20	0.83
31	131.5	125.54	70	16	20	0.86
32	135.5	129.56	70	16	20	0.88
33	139.6	133.60	70	16	20	0.91
34	143.6	137.64	70	16	20	0.94
35	147.6	141.68	70	16	20	0.97
36	151.7	145.72	70	16	25	1.15
37	155.7	149.76	70	16	25	1.18
38	159.8	153.80	70	16	25	1.21
39	163.8	157.83	70	16	25	1.25
40	167.8	161.87	70	16	25	1.28
41	171.4	165.91	78	16	32	1.32
42	175.4	169.95	78	16	32	1.36
43	179.5	173.99	78	16	32	1.40

Teeth	de	dp	Simplex			
			dm	D1	A	W (kg)
44	183.5	178.03	78	16	32	1.43
45	187.5	182.07	78	16	32	1.47
46	191.6	186.10	78	16	32	1.51
47	195.6	190.14	78	16	32	1.55
48	199.7	194.18	78	16	32	1.59
49	203.7	198.22	*78	16	32	1.63
50	207.8	202.26	*78	16	32	1.67
51	211.8	206.30	*78	16	32	1.71
52	215.9	210.34	*78	16	32	1.75
53	219.9	214.37	*78	16	32	1.79
54	224.0	218.43	*78	16	32	1.83
55	228.0	222.46	*78	16	32	1.87
56	232.1	226.50	*78	16	32	1.91
57	236.1	230.54	*78	16	32	1.95
58	240.2	234.58	*78	16	32	1.99
59	244.2	238.62	*78	16	32	2.03
60	248.2	242.66	*78	16	32	2.07
62	256.7	250.75	*78	16	32	2.10
64	264.8	258.82	*78	16	32	2.14
65	268.8	262.86	*78	16	32	2.18
66	272.9	266.90	*78	16	32	2.22
68	280.9	274.99	*78	16	32	2.26
70	289.0	283.07	*78	16	32	2.30
72	297.1	291.16	*78	16	32	2.34
76	313.3	307.33	*78	16	32	2.38
78	321.4	315.40	*78	16	32	2.42
80	329.4	323.48	*78	16	32	2.46
85	349.7	343.70	*80	16	32	2.50
90	369.9	363.90	*80	16	32	2.54
95	390.1	384.10	*80	16	32	2.58
100	410.3	404.31	*80	16	32	2.62
110	450.7	444.74	*80	16	32	2.66
114	466.9	460.90	*80	16	32	2.70
120	491.2	485.16	*80	16	32	2.74
125	511.4	505.37	*80	16	32	2.78

## 085B-1

Pinions	mm
Tooth radius r3	13
Radius width C	1.3
Tooth width B1	5.9

Chain	mm
Pitch	12.7
Internal width	6.4
Roller	7.75
Material: C 45 *Weld-on hub	



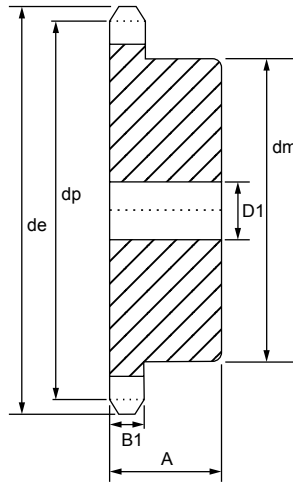
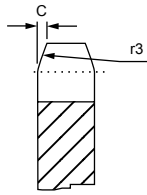
Teeth	de	dp	Simplex			
			dm	D1	A	W (kg)
8	38.5	33.18	20	10	25	
9	41.5	37.13	24	10	25	
10	46.2	41.10	26	10	25	
11	49.6	45.07	29	10	25	
12	53.9	49.07	33	10	28	
13	58.4	53.06	37	10	28	
14	62.8	57.07	41	10	28	
15	66.8	61.09	45	10	28	
16	70.9	65.10	50	12	28	
17	74.9	69.11	52	12	28	
18	78.9	73.14	56	12	28	
19	82.9	77.16	60	12	28	
20	86.9	81.19	64	12	28	
21	91.0	85.22	68	14	28	
22	95.0	89.24	70	14	28	
23	99.0	93.27	70	14	28	
24	103.0	97.29	70	14	28	
25	107.1	101.33	70	14	28	
26	111.2	105.36	70	16	30	
27	115.4	109.40	70	16	30	
28	119.4	113.42	70	16	30	
29	123.4	117.46	80	16	30	
30	127.5	121.50	80	16	30	
31	131.5	125.54	90	16	30	
32	135.5	129.56	90	16	30	
33	139.6	133.60	90	16	30	
34	143.6	137.64	90	16	30	
35	147.6	141.68	90	16	30	
36	151.7	145.72	90	16	35	
37	155.7	149.76	90	16	35	
38	159.8	153.80	90	16	35	
39	163.8	157.83	90	16	35	
40	167.8	161.87	90	16	35	
41	171.4	165.91	90	16	40	
42	175.4	169.95	90	16	40	
43	179.5	173.99	90	16	40	

Teeth	de	dp	Simplex			
			dm	D1	A	W (kg)
44	183.5	178.03	90	16	40	
45	187.5	182.07	90	16	40	
46	191.6	186.10	90	16	40	
47	195.6	190.14	90	16	40	
48	199.7	194.18	90	16	40	
49	203.7	198.22	*90	16	40	
50	207.8	202.26	*90	16	40	
51	211.8	206.30	*90	16	40	
52	215.9	210.34	*90	16	40	
53	219.9	214.37	*90	16	40	
54	224.0	218.43	*90	16	40	
55	228.0	222.46	*90	16	40	
56	232.1	226.50	*90	16	40	
57	236.1	230.54	*90	16	40	
58	240.2	234.58	*90	16	40	
59	244.2	238.62	*90	16	40	
60	248.2	242.66	*90	16	40	
62	256.7	250.75	*90	16	40	
64	264.8	258.82	*90	16	40	
65	268.8	262.86	*90	16	40	
66	272.9	266.90	*90	16	40	
68	280.9	274.99	*90	16	40	
70	289.0	283.07	*90	16	40	
72	297.1	291.16	*90	16	40	
76	313.3	307.33	*90	16	40	
78	321.4	315.40	*90	16	40	
80	329.4	323.48	*90	16	40	
85	349.7	343.70	*90	16	40	
90	369.9	363.90	*90	16	40	
95	390.1	384.10	*90	16	40	
100	410.3	404.31	*90	16	40	
110	450.7	444.74	*90	16	40	
114	466.9	460.90	*90	16	40	
120	491.2	485.16	*90	16	40	
125	511.4	505.37	*90	16	40	

## 085B-1

Pinions	mm
Tooth radius r3	13
Radius width C	1.3
Tooth width B1	5.9

Chain	mm
Pitch	12.7
Internal width	6.4
Roller	7.75
Material: C 45 *Weld-on hub	



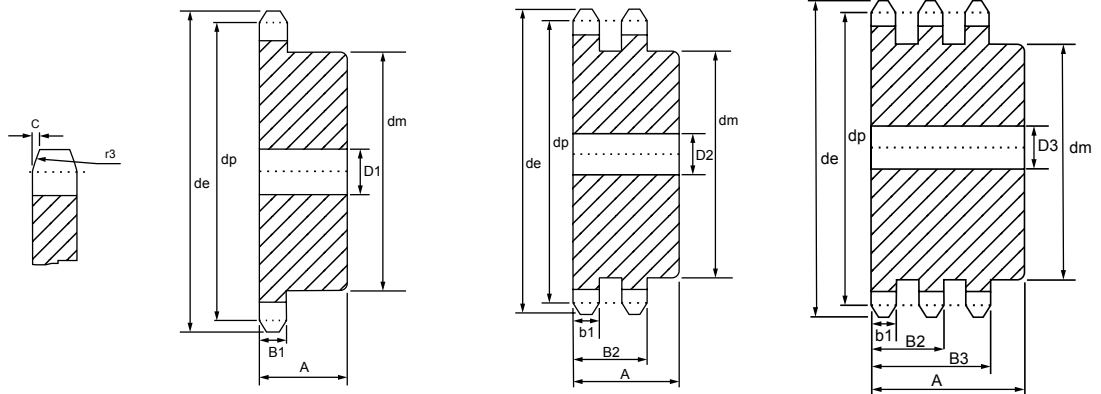
Teeth	de	dp	Simplex			
			dm	D1	A	W (kg)
8	37.2	33.18	20	10	25	
9	41.0	37.13	24	10	25	
10	45.2	41.10	26	10	25	
11	48.7	45.07	29	10	25	
12	53.0	49.07	33	10	28	
13	57.4	53.06	37	10	28	
14	61.8	57.07	41	10	28	
15	65.5	61.09	45	10	28	
16	69.5	65.10	50	12	28	
17	73.6	69.11	52	12	28	
18	77.8	73.14	56	12	28	
19	81.7	77.16	60	12	28	
20	85.8	81.19	64	12	28	
21	89.7	85.22	68	14	28	
22	93.8	89.24	70	14	28	
23	98.2	93.27	70	14	28	
24	101.8	97.29	70	14	28	
25	105.8	101.33	70	14	28	
26	110.0	105.36	70	16	30	
27	114.0	109.40	70	16	30	
28	118.0	113.42	70	16	30	
29	122.0	117.46	80	16	30	
30	126.1	121.50	80	16	30	
31	130.2	125.54	90	16	30	
32	134.3	129.56	90	16	30	
33	138.4	133.60	90	16	30	
34	142.6	137.64	90	16	30	
35	146.7	141.68	90	16	30	
36	151.0	145.72	90	16	35	
37	154.6	149.76	90	16	35	
38	158.6	153.80	90	16	35	
39	162.7	157.83	90	16	35	
40	166.8	161.87	90	16	35	
41	171.4	165.91	90	16	40	
42	175.4	169.95	90	16	40	
43	179.7	173.99	90	16	40	

Teeth	de	dp	Simplex			
			dm	D1	A	W (kg)
44	183.8	178.03	90	16	40	
45	188.0	182.07	90	16	40	
46	192.1	186.10	90	16	40	
47	196.2	190.14	90	16	40	
48	200.3	194.18	*90	16	40	
49	204.3	198.22	*90	16	40	
50	208.3	202.26	*90	16	40	
51	212.1	206.30	*90	16	40	
52	216.1	210.34	*90	16	40	
53	220.2	214.37	*90	16	40	
54	224.1	218.43	*90	16	40	
55	228.1	222.46	*90	16	40	
56	232.2	226.50	*90	16	40	
57	236.4	230.54	*90	16	40	
58	240.5	234.58	*90	16	40	
59	244.5	238.62	*90	16	40	
60	248.6	242.66	*90	16	40	
62	256.9	250.75	*90	16	40	
64	265.1	258.82	*90	16	40	
65	269.0	262.86	*90	16	40	
66	273.0	266.90	*90	16	40	
68	281.0	274.99	*90	16	40	
70	289.0	283.07	*90	16	40	
72	297.2	291.16	*90	16	40	
76	313.3	307.33	*90	16	40	
78	321.4	315.40	*90	16	40	
80	329.4	323.48	*90	16	40	
85	349.0	343.70	*90	16	40	
90	369.9	363.90	*90	16	40	
95	390.1	384.10	*90	16	40	
100	410.3	404.31	*90	16	40	
110	450.7	444.74	*90	16	40	
114	466.9	460.90	*90	16	40	
120	491.2	485.16	*90	16	40	
125	511.3	505.37	*90	16	40	

## 08B-1-2-3

Pinions	mm
Tooth radius r3	13
Radius width C	1.3
Tooth width B1	7.2
Tooth width b1	7
Tooth width B2	21
Tooth width B3	34.9

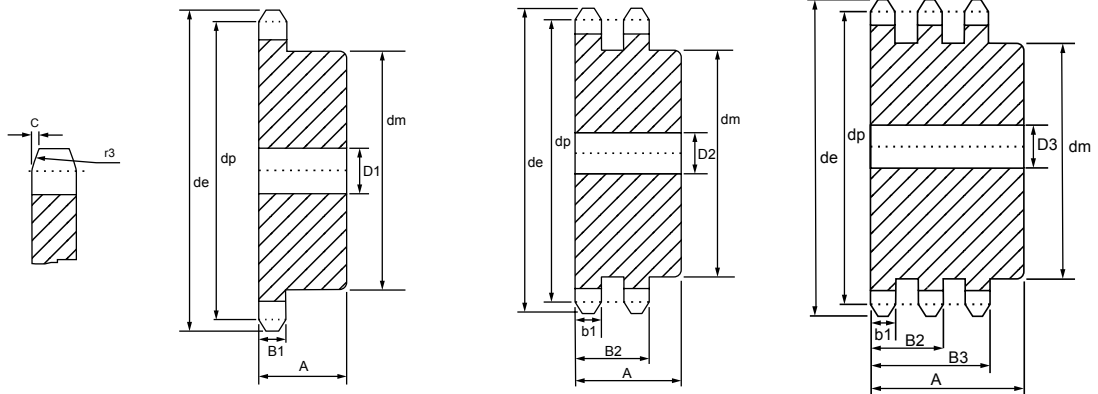
Chain	mm
Pitch	12.7
Internal width	7.75
Roller	8.51
Material: C 45 *Weld-on hub	



Teeth	de	dp	Simplex				Duplex				Triplex			
			dm	D1	A	W (kg)	dm	D2	A	W (kg)	dm	D3	A	W (kg)
8	37.2	33.18	20	10	25	0.10	20	10	32	0.09	20	10	46	0.13
9	41.0	37.13	24	10	25	0.11	24	10	32	0.13	24	12	46	0.18
10	45.2	41.10	26	10	25	0.12	28	10	32	0.18	28	12	46	0.24
11	48.7	45.07	29	10	25	0.15	32	12	35	0.24	32	14	50	0.31
12	53.0	49.07	33	10	28	0.21	35	12	35	0.30	35	14	50	0.39
13	57.4	53.06	37	10	28	0.26	38	12	35	0.36	38	14	50	0.49
14	61.8	57.07	41	10	28	0.32	42	12	35	0.44	42	14	50	0.60
15	65.5	61.09	45	10	28	0.39	46	12	35	0.52	46	14	50	0.72
16	69.5	65.10	50	12	28	0.46	50	14	35	0.63	50	16	50	0.85
17	73.6	69.11	52	12	28	0.51	54	14	35	0.73	54	16	50	0.99
18	77.8	73.14	56	12	28	0.59	58	14	35	0.85	58	16	50	1.14
19	81.7	77.16	60	12	28	0.67	62	14	35	0.97	62	16	50	1.30
20	85.8	81.19	64	12	28	0.76	66	14	35	1.10	66	16	50	1.47
21	89.7	85.22	68	12	28	0.85	70	16	40	1.29	70	16	55	1.79
22	93.8	89.24	70	12	28	0.92	70	16	40	1.37	70	16	55	1.93
23	98.2	93.27	70	14	28	0.94	70	16	40	1.46	70	16	55	2.08
24	101.8	97.29	70	14	28	0.97	75	16	40	1.64	75	16	55	2.26
25	105.8	101.33	70	14	28	1.00	80	16	40	1.82	80	16	55	2.57
26	110.0	105.36	70	16	30	1.09	85	16	40	2.02	85	20	55	2.79
27	114.0	109.40	70	16	30	1.13	85	16	40	2.12	85	20	55	2.96
28	118.0	113.42	70	16	30	1.16	90	16	40	2.34	90	20	55	3.25
29	122.0	117.46	80	16	30	1.35	95	16	40	2.56	95	20	55	3.55
30	126.1	121.50	80	16	30	1.45	100	16	40	2.79	100	20	55	3.86
31	130.2	125.54	90	16	30	1.72	100	20	40	2.87	110	20	55	4.32
32	134.3	129.56	90	16	30	1.80	100	20	40	3.00	110	20	55	4.53
33	138.4	133.60	90	16	30	1.84	100	20	40	3.13	110	20	55	4.74
34	142.6	137.64	90	16	30	1.87	100	20	40	3.26	110	20	55	4.97
35	146.7	141.68	90	16	30	1.90	100	20	40	3.40	110	20	55	5.20
36	151.0	145.72	90	16	35	2.22	100	20	40	3.54	120	25	55	5.64
37	154.6	149.76	90	16	35	2.23	100	20	40	3.69	120	25	55	5.88
38	158.6	153.80	90	16	35	2.31	100	20	40	3.84	120	25	55	6.14
39	162.7	157.83	90	16	35	2.38	100	20	40	4.00	120	25	55	6.40
40	166.8	161.87	90	16	35	2.41	100	20	40	4.15	120	25	55	6.66
41	171.4	165.91	*90	16	40	2.73	*108	20	50	5.16	*120	25	60	7.40
42	175.4	169.94	*90	16	40	2.77	*108	20	50	5.32	*120	25	60	7.66
43	179.7	173.98	*90	16	40	2.84	*108	20	50	5.50	*120	25	60	7.94

## 08B-1-2-3

Pinions	mm
Tooth radius r3	13
Radius width C	1.3
Tooth width B1	7.2
Tooth width b1	7
Tooth width B2	21
Tooth width B3	34.9



Chain	mm
Pitch	12.7
Internal width	7.75
Roller	8.51
Material: C 45 *Weld-on hub	



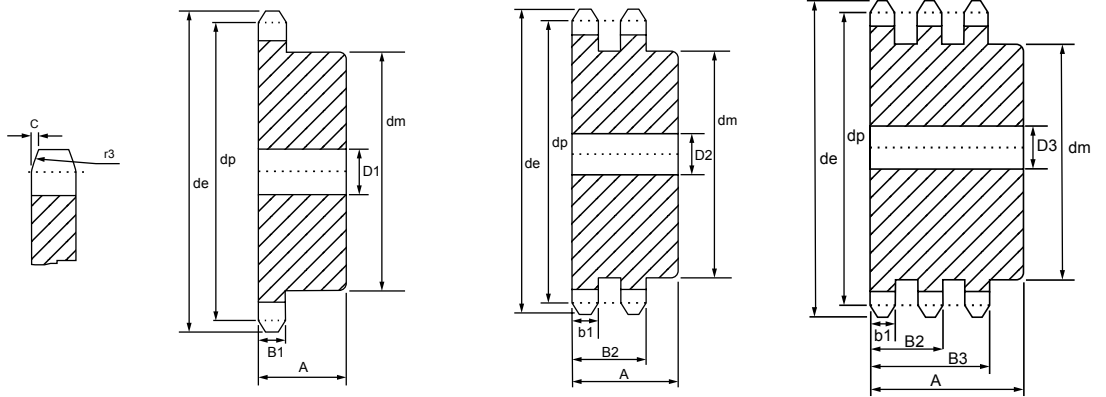
Teeth	de	dp	Simplex				Duplex				Triplex			
			dm	D1	A	W (kg)	dm	D2	A	W (kg)	dm	D3	A	W (kg)
44	183.8	178.02	*90	16	40	2.88	*108	20	50	5.67	*120	25	60	8.22
45	188.0	182.07	*90	16	40	2.97	*108	20	50	5.85	*120	25	60	8.51
46	192.1	186.10	*90	16	40	3.00	*108	20	50	6.03	*120	25	60	8.80
47	196.2	190.14	*90	16	40	3.09	*108	20	50	6.21	*120	25	60	9.09
48	200.3	194.18	*90	16	40	3.14	*108	20	50	6.53	*120	25	60	9.40
49	204.3	198.22	*90	16	40	3.22	*108	20	50	6.73	*120	25	60	9.69
50	208.3	202.26	*90	16	40	3.26	*108	20	50	6.92	*120	25	60	10.00
51	212.1	206.30	*90	16	40	3.39	*108	20	50	7.11	*120	25	60	10.43
52	216.1	210.34	*90	16	40	3.46	*108	20	50	7.31	*120	25	60	10.75
53	220.2	214.37	*90	16	40	3.53	*108	20	50	7.53	*120	25	60	11.09
54	224.1	218.43	*90	16	40	3.61	*108	20	50	7.73	*120	25	60	11.41
55	228.1	222.46	*90	16	40	3.68	*108	20	50	7.94	*120	25	60	11.75
56	232.2	226.50	*90	16	40	3.76	*108	20	50	8.16	*120	25	60	12.11
57	236.4	230.54	*90	16	40	3.84	*108	20	50	8.39	*120	25	60	12.47
58	240.5	234.58	*90	16	40	3.92	*108	20	50	8.63	*120	25	60	13.00
59	244.5	238.62	*90	16	40	4.00	*108	20	50	8.85	*120	25	60	13.20
60	248.6	242.66	*90	16	40	4.08	*108	20	50	9.09	*120	25	60	13.58
62	256.9	250.74	*90	16	40	4.26	*108	20	50	9.79	*120	25	60	14.36
64	265.1	258.82	*90	16	40	4.44	*108	20	50	10.31	*120	25	60	15.16
65	269.0	262.86	*90	16	40	4.52	*108	20	50	10.56	*120	25	60	15.55
66	273.0	266.91	*90	16	40	4.61	*108	20	50	10.82	*120	25	60	16.41
68	281.0	274.99	*90	16	40	4.79	*108	20	55	11.65	*120	25	60	17.26
70	289.0	283.07	*90	16	40	4.98	*108	20	55	12.20	*120	25	60	17.32
72	297.2	291.15	*90	16	40	5.18	*108	20	55	12.77	*120	25	60	18.53
75	309.2	303.28	*90	16	40	5.48	*108	20	55	13.64	*120	25	60	20.45
76	313.3	307.32	*90	16	40	5.59	*108	20	55	13.95	*120	25	60	20.94
78	321.4	315.40	*90	16	40	5.80	*108	20	55	14.56	*120	25	60	21.93
80	329.4	323.49	*90	16	40	6.02	*108	20	55	15.18	*120	25	60	22.92
85	349.0	343.69	*90	16	40	6.57	*110	20	55	16.85	*120	25	60	25.47
90	369.9	363.90	*90	16	40	7.99	*110	20	55	19.49	*120	25	60	27.56
95	390.1	384.11	*90	16	40	8.75	*110	20	55	21.40	*120	25	60	30.42
100	410.3	404.32	*90	16	40	9.54	*110	20	55	23.42	*120	25	60	33.42
110	450.7	444.74	*90	16	40	11.25	*110	20	55	27.75	*120	25	60	39.87
114	466.9	460.91	*90	16	40	11.97	*110	20	55	29.60	*120	25	60	42.63
120	491.2	485.16	*90	16	40	13.11	*110	20	55	32.50	*120	25	60	46.95
125	511.3	505.37	*90	16	40	14.09	*110	20	55	35.00	*120	25	60	50.68



## 10B-1-2-3

Pinions	mm
Tooth radius r3	16
Radius width C	1.6
Tooth width B1	9.1
Tooth width b1	9
Tooth width B2	25.5
Tooth width B3	42.1

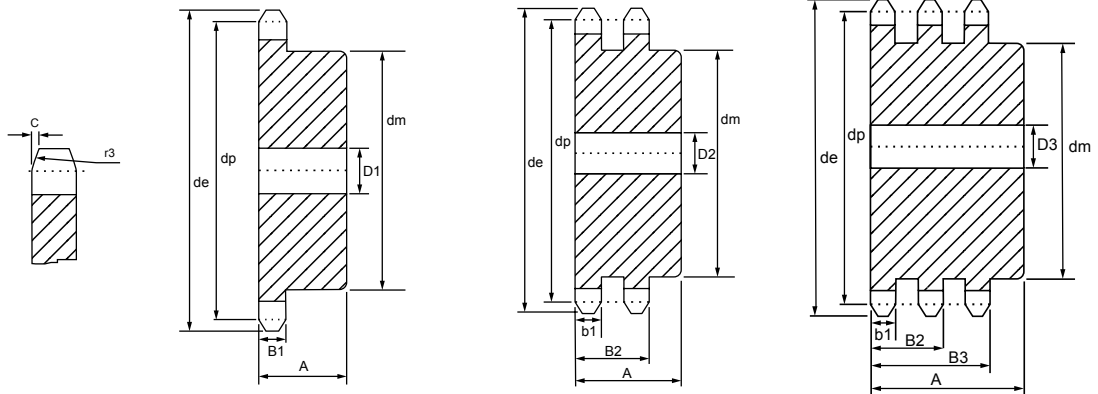
Chain	mm
Pitch	15.875
Internal width	9.65
Roller	10.16
Material: C 45 *Weld-on hub	



Teeth	de	dp	Simplex				Duplex				Triplex			
			dm	D1	A	W (kg)	dm	D2	A	W (kg)	dm	D3	A	W (kg)
8	47.0	41.48	25	10	25	0.12	25	12	40	0.19	25	12	55	0.27
9	52.6	46.42	30	10	25	0.16	30	12	40	0.27	30	12	55	0.38
10	57.5	51.37	35	10	25	0.23	35	12	40	0.36	35	16	55	0.47
11	63.0	56.34	37	12	30	0.30	39	14	40	0.43	39	16	55	0.61
12	68.0	61.34	42	12	30	0.38	44	14	40	0.55	44	16	55	0.78
13	73.0	66.32	47	12	30	0.47	49	14	40	0.68	49	16	55	0.96
14	78.0	71.34	52	12	30	0.57	54	14	40	0.82	54	16	55	1.15
15	83.0	76.36	57	12	30	0.68	59	14	40	0.97	59	16	55	1.37
16	88.0	81.37	60	12	30	0.77	64	16	45	1.26	64	16	60	1.72
17	93.0	86.39	60	12	30	0.81	69	16	45	1.46	69	16	60	1.99
18	98.3	91.42	70	14	30	1.01	74	16	45	1.67	74	16	60	2.27
19	103.3	96.45	70	14	30	1.11	79	16	45	1.90	79	16	60	2.58
20	108.4	101.49	75	14	30	1.21	84	16	45	2.14	84	16	60	2.91
21	113.4	106.52	75	16	30	1.26	85	16	45	2.27	85	20	60	3.12
22	118.0	111.55	80	16	30	1.42	90	16	45	2.54	90	20	60	3.48
23	123.5	116.58	80	16	30	1.47	95	16	45	2.82	95	20	60	3.86
24	128.3	121.62	80	16	30	1.54	100	16	45	3.11	100	20	60	4.25
25	134.0	126.66	80	16	30	1.61	105	16	45	3.15	105	20	60	4.67
26	139.0	131.70	85	20	35	1.96	110	20	45	3.74	110	20	60	5.10
27	144.0	136.75	85	20	35	2.05	110	20	45	3.94	110	20	60	5.43
28	148.7	141.78	90	20	35	2.26	115	20	45	4.28	115	20	60	5.90
29	153.8	146.83	90	20	35	2.34	115	20	45	4.50	115	20	60	6.25
30	158.8	151.87	90	20	35	2.42	120	20	45	4.87	120	20	60	6.65
31	163.9	156.92	95	20	35	2.64	120	20	45	5.10	120	20	60	7.18
32	168.9	161.95	95	20	35	2.74	120	20	45	5.34	120	20	60	7.56
33	174.5	167.00	95	20	35	2.82	120	20	45	5.59	120	20	60	7.97
34	179.0	172.05	95	20	35	2.92	120	20	45	5.84	120	20	60	8.36
35	184.1	177.10	95	20	35	2.99	120	20	45	6.11	120	20	60	8.74
36	189.1	182.15	100	20	35	3.27	120	20	45	6.38	120	25	60	9.15
37	194.2	187.20	100	20	35	3.37	120	20	45	6.66	120	25	60	9.61
38	199.2	192.24	100	20	35	3.67	120	20	45	6.95	120	25	60	10.08
39	204.2	197.29	100	20	35	3.79	120	20	45	7.25	120	25	60	10.57
40	209.3	202.34	100	20	35	3.92	120	20	45	7.55	120	25	60	11.07
41	214.8	207.38	*100	20	40	4.05	*120	20	50	8.21	*130	25	60	12.03
42	219.9	212.43	*100	20	40	4.19	*120	20	50	8.52	*130	25	60	12.53
43	224.9	217.48	*100	20	40	4.30	*120	20	50	8.83	*130	25	60	13.02

## 10B-1-2-3

Pinions	mm
Tooth radius r3	16
Radius width C	1.6
Tooth width B1	9.1
Tooth width b1	9
Tooth width B2	25.5
Tooth width B3	42.1



Chain	mm
Pitch	15.875
Internal width	9.65
Roller	10.16
Material: C 45 *Weld-on hub	

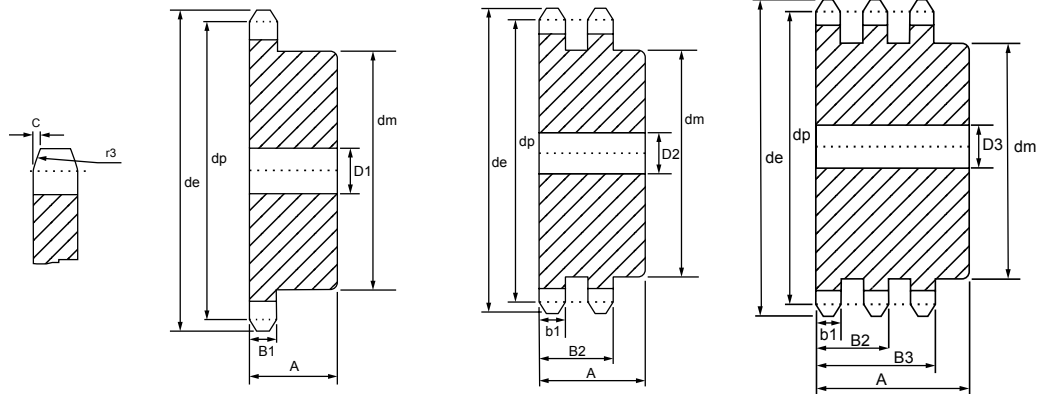


Teeth	de	dp	Simplex				Duplex				Triplex			
			dm	D1	A	W (kg)	dm	D2	A	W (kg)	dm	D3	A	W (kg)
44	230.0	222.53	*100	20	40	4.44	*120	20	50	9.15	*130	25	60	13.54
45	235.0	227.58	*100	20	40	4.50	*120	20	50	9.46	*130	25	60	14.06
46	240.1	232.63	*100	20	40	4.62	*120	20	50	9.80	*130	25	60	14.79
47	245.1	237.68	*100	20	40	4.81	*120	20	50	10.13	*130	25	60	15.34
48	250.2	242.73	*100	20	40	5.00	*120	20	50	10.68	*130	25	60	16.13
49	255.2	247.78	*100	20	40	5.13	*120	20	50	11.03	*130	25	60	16.71
50	260.3	252.82	*100	20	40	5.26	*120	20	50	11.40	*130	25	60	17.31
51	265.3	257.87	*100	20	40	5.74	*120	20	50	11.77	*130	25	60	18.14
52	270.4	262.92	*100	20	40	5.90	*120	20	50	12.15	*130	25	60	18.77
53	275.4	267.97	*100	20	40	6.06	*120	20	50	12.53	*130	25	60	19.40
54	280.5	273.03	*100	20	40	6.24	*120	20	50	12.93	*130	25	60	20.06
55	285.5	278.08	*100	20	40	6.41	*120	20	50	13.32	*130	25	60	20.71
56	290.6	283.13	*100	20	40	6.57	*120	20	50	13.73	*130	25	60	21.39
57	296.0	288.18	*100	20	40	6.76	*120	20	50	14.18	*130	25	60	22.12
58	300.7	293.23	*100	20	43	7.08	*120	20	57	15.07	*130	25	64	23.05
59	305.7	298.28	*100	20	43	7.26	*120	20	57	15.49	*130	25	64	23.75
60	310.8	303.33	*100	20	43	7.44	*120	20	57	15.93	*130	25	64	24.47
62	321.4	313.43	*100	20	43	7.84	*120	20	57	16.86	*130	25	64	26.01
64	331.5	323.53	*100	20	43	8.23	*120	20	57	17.78	*130	25	67	27.79
65	336.5	328.58	*100	20	43	8.43	*120	20	57	18.25	*130	25	67	28.56
66	341.6	333.64	*100	20	43	8.63	*120	20	57	18.73	*130	25	67	29.35
68	351.7	343.74	*100	20	43	9.74	*120	20	57	20.49	*130	25	67	31.70
70	361.8	353.84	*100	20	43	10.20	*120	20	57	21.53	*130	25	67	33.39
72	371.9	363.94	*100	20	43	10.67	*120	20	57	22.60	*130	25	67	35.13
75	387.1	379.10	*100	20	43	11.41	*120	20	57	24.27	*130	25	67	37.84
76	392.1	384.15	*100	20	43	11.66	*120	20	57	24.83	*130	25	67	38.75
78	402.2	394.25	*100	20	43	12.17	*130	20	57	26.37	*130	25	67	40.63
80	412.3	404.36	*100	20	43	12.70	*130	20	57	27.55	*130	25	67	42.57
85	437.6	429.62	*100	20	50	14.07	*130	20	58	30.74	*130	25	67	47.60
90	462.8	454.88	*100	20	50	15.52	*130	20	58	34.01	*130	25	67	52.91
95	488.5	480.14	*100	20	50	17.08	*130	20	58	37.53	*130	25	67	58.64
100	513.4	505.40	*100	20	50	18.67	*130	20	58	41.12	*130	25	67	64.47
110	563.9	555.92	*100	20	50	22.14	*130	20	58	48.94	*130	25	67	77.18
114	584.1	576.13	*100	20	50	23.62	*130	20	58	52.27	*130	25	67	82.61
120	614.4	606.45	*100	20	50	25.93	*130	20	58	57.49	*130	25	67	91.08
125	639.7	631.51	*100	20	50	27.95	*130	20	58	62.04	*130	25	67	98.49

## 12B-1-2-3

Pinions	mm
Tooth radius r3	19
Radius width C	2
Tooth width B1	11.1
Tooth width b1	10.8
Tooth width B2	30.3
Tooth width B3	49.8

Chain	mm
Pitch	19.05
Internal width	11.68
Roller	12.07
Material: C 45 *Weld-on hub	

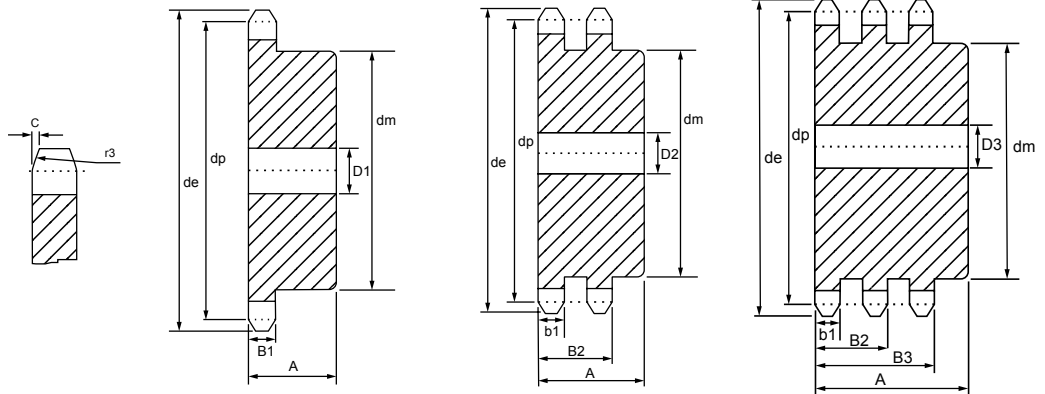


Teeth	de	dp	Simplex				Duplex				Triplex			
			dm	D1	A	W (kg)	dm	D2	A	W (kg)	dm	D3	A	W (kg)
8	57.6	49.78	31	12	30	0.21	31	12	45	0.31	31	16	65	0.45
9	62.0	55.70	37	12	30	0.29	37	12	45	0.44	37	16	65	0.64
10	69.0	61.64	42	12	30	0.40	42	12	45	0.59	42	16	65	0.86
11	75.0	67.61	46	14	35	0.53	47	16	50	0.81	47	20	70	1.09
12	81.5	73.61	52	14	35	0.67	53	16	50	1.02	53	20	70	1.39
13	87.5	79.59	58	14	35	0.83	59	16	50	1.25	59	20	70	1.72
14	93.6	85.61	64	14	35	1.00	65	16	50	1.46	65	20	70	2.08
15	99.8	91.63	70	14	35	1.18	71	16	50	1.74	71	20	70	2.47
16	105.5	97.65	75	16	35	1.35	77	20	50	2.03	77	20	70	2.89
17	111.5	103.67	80	16	35	1.55	83	20	50	2.36	83	20	70	3.34
18	118.0	109.71	80	16	35	1.63	89	20	50	2.70	89	20	70	3.83
19	124.2	115.75	80	16	35	1.72	95	20	50	3.07	95	20	70	4.35
20	129.7	121.78	80	16	35	1.81	100	20	50	3.43	100	20	70	4.87
21	136.0	127.82	90	20	40	2.36	100	20	50	3.69	100	20	70	5.20
22	141.8	133.86	90	20	40	2.47	100	20	50	3.97	100	20	70	5.65
23	149.0	139.90	90	20	40	2.61	110	20	50	4.51	110	20	70	6.38
24	153.9	145.94	90	20	40	2.69	110	20	50	4.81	110	20	70	6.87
25	160.0	152.00	90	20	40	2.81	120	20	50	5.41	120	20	70	7.77
26	165.9	158.04	95	20	40	3.10	120	20	50	5.73	120	20	70	8.21
27	172.3	164.09	95	20	40	3.23	120	20	50	6.08	120	20	70	8.77
28	178.0	170.13	95	20	40	3.36	120	20	50	6.43	120	20	70	9.35
29	184.1	176.19	95	20	40	3.45	120	20	50	6.80	120	20	70	9.96
30	190.5	182.25	95	20	40	3.62	120	20	50	7.19	120	20	70	10.59
31	196.3	188.31	95	20	40	3.78	120	20	50	7.59	130	25	70	11.55
32	203.3	194.35	95	20	40	3.93	120	20	50	8.00	130	25	70	12.22
33	209.3	200.40	95	20	40	4.08	120	20	50	8.31	130	25	70	12.92
34	214.6	206.46	95	20	40	4.24	120	20	50	8.86	130	25	70	13.64
35	221.0	212.52	95	20	40	4.45	120	20	50	9.31	130	25	70	14.38
36	226.8	218.58	100	20	40	4.76	120	25	50	9.71	130	25	70	15.14
37	232.9	224.64	100	20	40	4.94	120	25	50	10.19	130	25	70	15.93
38	239.0	230.69	100	20	40	5.13	120	25	50	10.78	130	25	70	16.73
39	245.1	236.75	100	20	40	5.25	120	25	50	11.19	130	25	70	17.57
40	251.3	242.81	100	20	40	5.51	120	25	50	11.71	130	25	70	18.42
41	257.3	248.86	*110	20	56	7.18	*136	25	62	13.90	*140	25	70	19.47
42	264.5	254.92	*110	20	56	7.42	*136	25	62	14.51	*140	25	70	20.44
43	270.5	260.98	*110	20	56	7.62	*136	25	62	15.03	*140	25	70	21.28

## 12B-1-2-3

Pinions	mm
Tooth radius r3	19
Radius width C	2
Tooth width B1	11.1
Tooth width b1	10.8
Tooth width B2	30.3
Tooth width B3	49.8

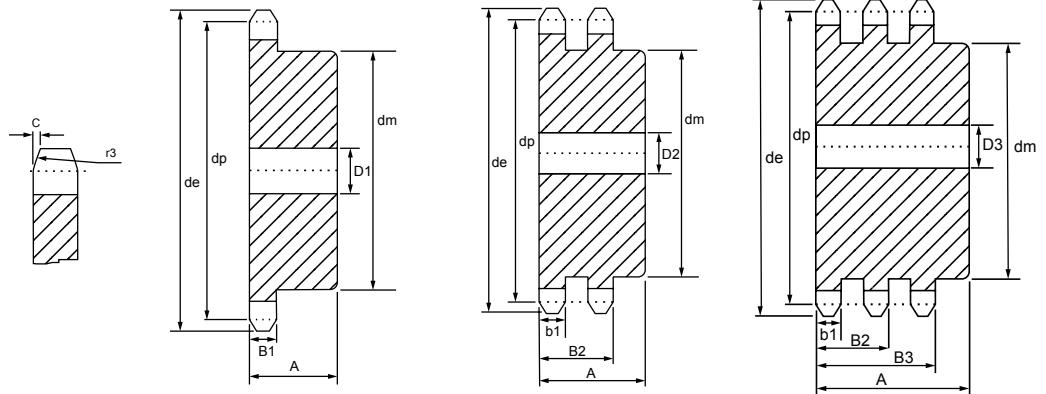
Chain	mm
Pitch	19.05
Internal width	11.68
Roller	12.07
Material: C 45 *Weld-on hub	



Teeth	de	dp	Simplex				Duplex				Triplex			
			dm	D1	A	W (kg)	dm	D2	A	W (kg)	dm	D3	A	W (kg)
44	276.5	267.03	*110	20	56	7.86	*136	25	62	15.57	*140	25	70	22.13
45	282.5	273.09	*110	20	56	8.08	*136	25	62	16.11	*140	25	70	22.99
46	287.9	279.15	*110	20	56	8.34	*136	25	62	16.61	*140	25	70	24.11
47	294.0	285.21	*110	20	56	8.50	*136	25	62	17.19	*140	25	70	25.04
48	300.1	291.27	*110	20	56	8.71	*136	25	62	17.78	*140	25	70	25.91
49	306.2	297.33	*110	20	56	8.96	*136	25	62	18.38	*140	25	70	26.88
50	312.3	303.39	*110	20	56	9.17	*136	25	62	18.99	*140	25	70	27.87
51	318.4	309.45	*110	20	56	9.63	*136	25	62	19.62	*140	25	70	29.26
52	324.5	315.51	*110	20	56	9.89	*136	25	62	20.26	*140	25	70	30.29
53	330.5	321.57	*110	20	56	10.16	*136	25	62	20.89	*140	25	70	31.33
54	336.6	327.63	*110	20	56	10.44	*136	25	62	21.55	*140	25	70	32.41
55	342.7	333.69	*110	20	56	10.72	*136	25	62	22.23	*140	25	70	33.51
56	348.7	339.75	*110	20	56	11.00	*136	25	62	22.90	*140	25	70	34.60
57	355.4	345.81	*110	20	56	12.05	*136	25	62	24.43	*140	25	70	35.95
58	361.5	351.87	*110	20	56	12.37	*136	25	62	25.16	*140	25	70	37.10
59	367.5	357.93	*110	20	56	12.69	*136	25	62	25.89	*140	25	70	38.27
60	373.0	363.99	*110	20	56	12.99	*136	25	62	26.58	*140	25	70	39.34
62	385.1	376.12	*110	20	56	13.66	*136	25	62	28.11	*140	25	70	41.77
64	397.2	388.24	*110	20	56	14.35	*140	25	63	29.96	*140	25	70	44.27
65	403.2	394.30	*110	20	56	14.71	*140	25	63	30.76	*140	25	70	45.54
66	409.3	400.36	*110	20	56	15.07	*140	25	63	31.59	*140	25	70	46.83
68	421.4	412.49	*110	20	56	15.80	*140	25	63	33.27	*140	25	70	49.51
70	433.6	424.61	*110	20	56	16.56	*140	25	63	35.01	*140	25	70	52.27
72	447.0	436.73	*110	20	56	17.42	*140	25	63	36.97	*140	25	70	55.38
75	463.9	454.92	*110	20	56	18.55	*140	25	63	39.54	*140	25	70	59.44
76	469.9	460.98	*110	20	56	18.95	*140	25	63	40.47	*140	25	70	62.52
78	482.1	473.10	*110	20	56	19.80	*140	25	63	42.41	*140	25	70	65.67
80	494.2	485.23	*110	20	56	20.66	*140	25	63	44.38	*140	25	70	68.87
85	524.5	515.54	*110	20	56	22.91	*140	25	63	49.52	*140	25	70	77.22
90	554.8	545.85	*110	20	56	25.29	*140	25	63	54.96	*140	25	70	86.07
95	585.1	576.17	*110	20	56	27.80	*140	25	63	60.70	*140	25	70	97.85
100	615.4	606.48	*110	20	56	30.44	*140	25	63	66.75	*140	25	70	107.93
110	676.1	667.11	*110	20	56	36.14	*140	25	63	79.77	*140	25	70	129.64
114	700.6	691.36	*110	20	56	38.59	*140	25	63	85.37	*140	25	70	138.98
120	736.7	727.74	*110	20	56	42.35	*140	25	63	93.98	*140	25	70	153.34
125	767.0	758.06	*110	20	56	45.66	*140	25	63	101.53	*140	25	70	165.94

## 16B-1-2-3

Pinions	mm
Tooth radius r3	26
Radius width C	2.5
Tooth width B1	16.2
Tooth width b1	15.8
Tooth width B2	47.7
Tooth width B3	79.6



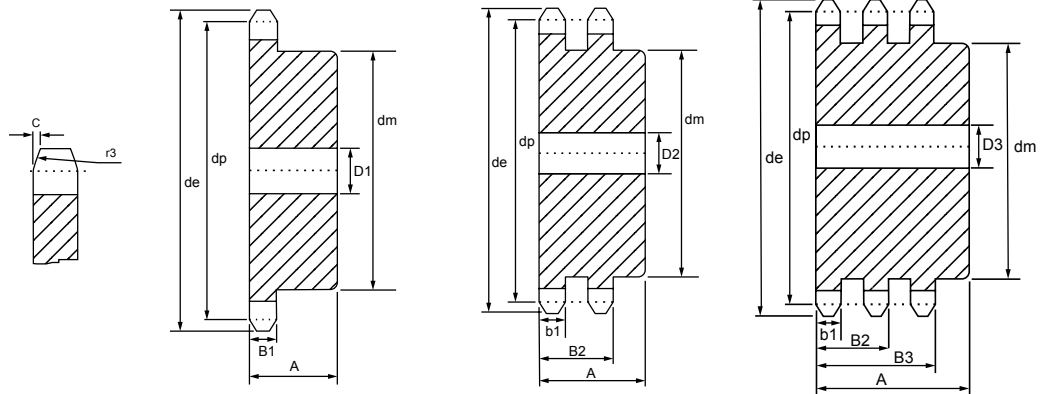
Chain	mm
Pitch	25.4
Internal width	17.02
Roller	15.88
Material: C 45 *Weld-on hub	



Teeth	de	dp	Simplex				Duplex				Triplex			
			dm	D1	A	W (kg)	dm	D2	A	W (kg)	dm	D3	A	W (kg)
8	77.0	66.37	42	16	35	0.47	42	16	65	0.81	42	20	95	1.19
9	85.0	74.27	50	16	35	0.66	50	16	65	1.15	50	20	95	1.68
10	93.0	82.19	55	16	35	0.83	56	16	65	1.52	56	20	95	2.24
11	101.5	90.14	61	16	40	1.14	64	20	70	2.08	64	25	100	2.86
12	109.0	98.14	69	16	40	1.43	72	20	70	2.60	72	25	100	3.62
13	117.0	106.12	78	16	40	1.77	80	20	70	3.18	80	25	100	4.45
14	125.0	114.15	84	16	40	2.08	88	20	70	3.82	88	25	100	5.37
15	133.0	122.17	92	16	40	2.46	96	20	70	4.51	96	25	100	6.37
16	141.0	130.20	100	20	45	3.14	104	20	70	5.17	104	25	100	7.45
17	149.0	138.22	100	20	45	3.33	112	20	70	5.98	112	25	100	8.60
18	157.0	146.28	100	20	45	3.56	120	20	70	6.84	120	25	100	9.84
19	165.2	154.33	100	20	45	3.78	128	20	70	7.76	128	25	100	11.16
20	173.2	162.38	100	20	45	4.03	130	20	70	8.52	130	25	100	12.36
21	181.2	170.43	110	20	50	5.01	130	25	70	9.24	*130	25	100	13.56
22	189.3	178.48	110	20	50	5.28	*130	25	70	10.00	*130	25	100	14.82
23	197.5	186.53	110	20	50	5.56	*130	25	70	10.80	*130	25	100	16.15
24	205.5	194.59	110	20	50	5.86	*130	25	70	11.64	*130	25	100	17.53
25	213.5	202.66	110	20	50	6.16	*130	25	70	12.52	*130	25	100	18.99
26	221.6	210.72	120	20	50	6.96	*130	25	70	13.43	*130	30	100	20.34
27	229.6	218.79	120	20	50	7.30	*130	25	70	14.38	*130	30	100	21.92
28	237.7	226.85	120	20	50	7.64	*130	25	70	15.38	*130	30	100	23.57
29	245.8	234.92	120	20	50	8.00	*130	25	70	16.41	*130	30	100	25.27
30	254.0	243.00	120	20	50	8.38	*130	25	70	17.48	*130	30	100	27.05
31	262.0	251.08	*120	25	50	8.69	*140	25	70	18.96	*140	30	100	29.23
32	270.0	259.13	*120	25	50	9.09	*140	25	70	20.10	*140	30	100	31.13
33	278.5	267.21	*120	25	50	9.53	*140	25	70	21.29	*140	30	100	33.10
34	287.0	275.28	*120	25	50	9.97	*140	25	70	22.21	*140	30	100	35.13
35	296.2	283.36	*120	25	50	10.46	*140	25	70	23.77	*140	30	100	37.23
36	304.6	291.44	*120	25	50	10.92	*140	25	70	25.07	*140	30	100	39.39
37	312.6	299.51	*120	25	50	11.38	*140	25	70	26.41	*140	30	100	41.72
38	320.7	307.59	*120	25	50	11.84	*140	25	70	27.79	*140	30	100	43.78
39	328.8	315.67	*120	25	50	12.33	*140	25	70	29.20	*140	30	100	45.89
40	336.9	323.75	*120	25	50	12.82	*140	25	70	30.65	*140	30	100	48.05
41	345.0	331.81	*125	25	68	14.85	*140	25	70	31.59	*160	30	100	51.54
42	353.0	339.89	*125	25	68	16.13	*140	25	70	33.85	*160	30	100	54.59
43	361.1	347.97	*125	25	68	16.68	*140	25	70	35.29	*160	30	100	56.97

## 16B-1-2-3

Pinions	mm
Tooth radius r3	26
Radius width C	2.5
Tooth width B1	16.2
Tooth width b1	15.8
Tooth width B2	47.7
Tooth width B3	79.6



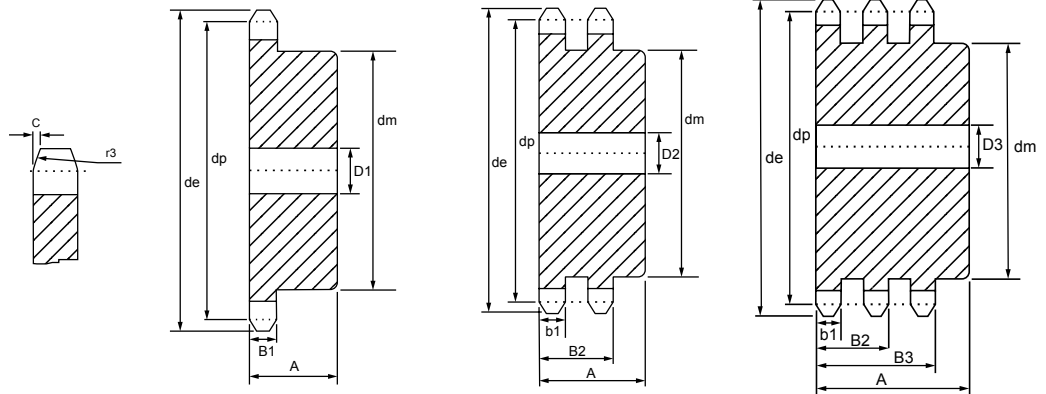
Chain	mm
Pitch	25.4
Internal width	17.02
Roller	15.88
Material: C 45 *Weld-on hub	



Teeth	de	dp	Simplex				Duplex				Triplex			
			dm	D1	A	W (kg)	dm	D2	A	W (kg)	dm	D3	A	W (kg)
44	369.1	356.05	*125	25	68	17.25	*140	25	70	36.75	*160	30	100	59.37
45	377.1	364.12	*125	25	68	17.82	*140	25	70	38.24	*160	30	100	61.82
46	385.2	372.20	*125	25	68	18.42	*140	25	70	39.78	*160	30	100	65.21
47	393.2	380.28	*125	25	68	19.02	*140	25	70	41.34	*160	30	100	67.80
48	401.3	388.36	*125	25	68	19.63	*140	25	70	42.94	*160	30	100	70.47
49	409.3	396.44	*125	25	68	20.26	*140	25	70	44.56	*160	30	100	73.17
50	417.4	404.52	*125	25	68	20.90	*140	25	70	46.23	*160	30	100	75.95
51	425.5	412.60	*125	25	68	21.56	*150	25	85	49.92	*180	30	110	80.86
52	433.6	420.68	*125	25	68	22.23	*150	25	85	51.65	*180	30	110	83.83
53	441.7	428.76	*125	25	68	22.91	*150	25	85	53.42	*180	30	110	86.85
54	448.3	436.84	*125	25	68	23.47	*150	25	85	54.88	*180	30	110	89.36
55	457.9	444.92	*125	25	68	24.31	*150	25	85	57.05	*180	30	110	93.06
56	466.0	453.01	*125	25	68	25.03	*150	25	85	58.91	*180	30	110	96.25
57	474.0	461.08	*125	25	68	25.75	*150	25	85	60.78	*180	30	110	99.45
58	482.1	469.16	*133	25	68	26.99	*150	25	85	62.71	*180	30	110	102.75
59	490.2	477.24	*133	25	68	27.74	*150	25	85	64.67	*180	30	110	106.10
60	498.3	485.23	*133	25	68	28.51	*150	25	85	66.66	*180	30	110	109.51
62	514.5	501.49	*133	25	68	30.08	*150	25	85	70.74	*180	30	110	116.49
64	530.7	517.65	*140	25	68	32.17	*160	25	90	76.13	*180	30	110	123.70
65	538.8	525.73	*140	25	68	33.00	*160	25	90	78.29	*180	30	110	127.38
66	546.8	533.80	*140	25	68	33.83	*160	25	90	80.44	*180	30	110	131.07
68	562.9	549.98	*140	25	68	35.54	*160	25	90	84.88	*180	30	110	138.67
70	579.2	566.15	*140	25	68	37.32	*160	25	90	89.50	*180	30	110	146.59
72	595.4	582.31	*140	25	68	39.14	*160	25	90	94.22	*180	30	110	154.67
75	619.7	606.56	*140	25	68	41.97	*160	25	90	101.55	*180	30	110	167.22
76	627.0	614.64	*140	25	68	42.84	*160	25	90	103.81	*180	30	110	171.09
78	643.3	630.81	*140	25	68	44.82	*160	25	90	108.94	*180	30	110	179.88
80	660.0	646.97	*140	25	68	46.90	*160	25	90	114.34	*180	30	110	189.12
85	699.9	687.39	*140	25	78	53.03	*160	25	90	127.79	*180	30	110	212.15
90	740.3	727.80	*140	25	78	58.59	*160	25	90	142.20	*180	30	110	236.84
95	781.1	768.22	*140	25	78	64.52	*160	25	90	157.57	*180	30	110	263.17
100	821.1	808.64	*140	25	78	70.64	*160	25	90	173.43	*180	30	110	290.35
110	902.0	889.48	*140	25	78	83.94	*160	25	90	207.92	*180	30	110	349.42
114	934.3	921.81	*140	25	78	89.60	*160	25	90	222.58	*180	30	110	374.56
120	982.8	970.32	*140	25	78	98.46	*160	25	90	245.57	*180	30	110	413.95
125	1023.3	1010.73	*140	25	78	106.21	*160	25	90	265.65	*180	30	110	448.35

## 20B-1-2-3

Pinions	mm
Tooth radius r3	32
Radius width C	3.5
Tooth width B1	18.5
Tooth width b1	18.2
Tooth width B2	54.6
Tooth width B3	91



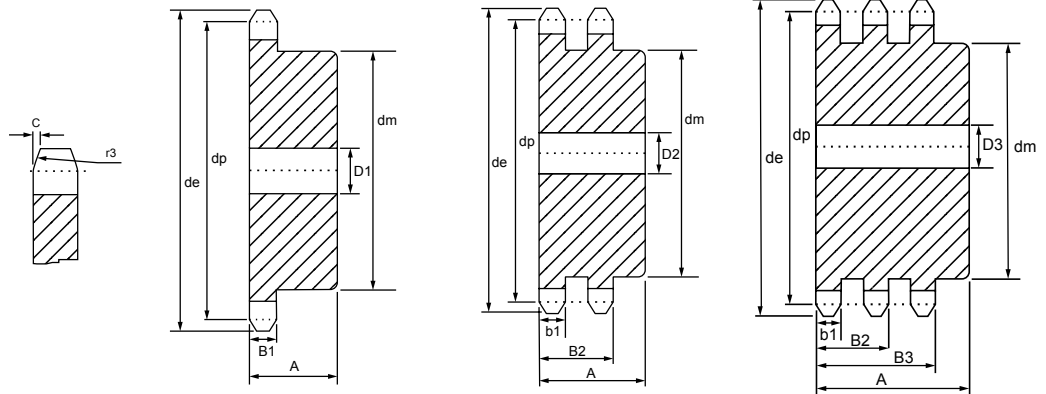
Chain	mm
Pitch	31.75
Internal width	19.56
Roller	19.05
Material: C 45 *Weld-on hub	



Teeth	de	dp	Simplex				Duplex				Triplex			
			dm	D1	A	W (kg)	dm	D2	A	W (kg)	dm	D3	A	W (kg)
8	98.1	82.96	53	20	40	0.92	53	20	75	1.58	53	20	110	2.15
9	108.0	92.84	63	20	40	1.19	63	20	75	2.19	63	20	110	3.05
10	117.9	102.74	70	20	40	1.51	70	20	75	2.85	70	20	110	4.04
11	127.8	112.68	77	20	45	2.04	80	20	80	3.72	80	20	115	5.19
12	137.8	122.68	88	20	45	2.58	90	20	80	4.66	90	20	115	6.55
13	147.8	132.65	98	20	45	3.15	100	20	80	5.70	100	20	115	8.06
14	157.8	142.68	108	20	45	3.78	110	20	80	6.84	110	20	115	9.71
15	167.9	152.72	118	20	45	4.47	120	20	80	8.08	120	20	115	11.50
16	177.9	162.75	120	20	50	5.28	120	25	80	8.90	120	25	115	13.06
17	187.9	172.78	120	25	50	5.64	120	25	80	9.92	120	25	115	14.65
18	198.0	182.85	120	25	50	6.01	*120	25	80	11.00	*120	25	115	16.54
19	208.1	192.91	120	25	50	6.55	*120	25	80	12.16	*120	25	115	18.45
20	218.1	202.98	120	25	50	6.98	*120	25	80	13.38	*120	25	115	20.48
21	228.2	213.04	140	25	55	8.64	*140	25	80	15.49	*140	25	115	23.38
22	238.3	223.11	140	25	55	9.11	*140	25	80	16.86	*140	25	115	25.64
23	248.3	233.17	140	25	55	9.60	*140	25	80	18.29	*140	25	115	28.00
24	258.4	243.23	140	25	55	10.31	*140	25	80	19.79	*140	25	115	30.49
25	268.5	253.33	140	25	55	10.85	*140	25	80	21.36	*140	25	115	33.09
26	278.6	263.40	*150	25	55	11.90	*150	25	80	23.45	*150	25	115	36.23
27	288.6	273.49	*150	25	55	12.48	*150	25	80	25.15	*150	25	115	39.06
28	298.7	283.56	*150	25	55	13.08	*150	25	80	26.93	*150	25	115	42.00
29	308.8	293.65	*150	25	55	13.71	*150	25	80	28.77	*150	25	115	45.49
30	318.9	303.75	*150	25	55	14.36	*150	25	80	30.69	*150	25	115	48.30
31	329.0	313.85	*150	25	55	15.02	*150	25	80	32.67	*150	30	115	51.91
32	339.1	323.91	*150	25	55	15.71	*150	25	80	34.72	*150	30	115	54.94
33	349.2	334.01	*150	25	55	16.42	*150	25	80	37.08	*150	30	115	58.85
34	359.3	344.10	*150	25	55	17.94	*150	25	80	39.92	*150	30	115	62.41
35	369.4	354.20	*150	25	55	18.72	*150	25	80	42.00	*150	30	115	65.76
36	379.5	364.30	*150	25	55	19.53	*150	30	80	44.13	*150	30	115	69.20
37	389.5	374.39	*150	25	55	20.35	*150	30	80	46.30	*150	30	115	73.69
38	399.6	384.49	*150	25	55	21.20	*150	30	80	48.55	*150	30	115	77.36
39	409.7	394.59	*150	25	55	22.07	*150	30	80	50.86	*150	30	115	82.22
40	419.8	404.69	*150	25	55	22.97	*150	30	80	53.22	*150	30	115	86.12
41	429.9	414.77	*150	25	70	25.49	*160	30	90	59.64	*160	30	110	91.04

## 20B-1-2-3

Pinions	mm
Tooth radius r3	32
Radius width C	3.5
Tooth width B1	18.5
Tooth width b1	18.2
Tooth width B2	54.6
Tooth width B3	91



Chain	mm
Pitch	31.75
Internal width	19.56
Roller	19.05
Material: C 45 *Weld-on hub	

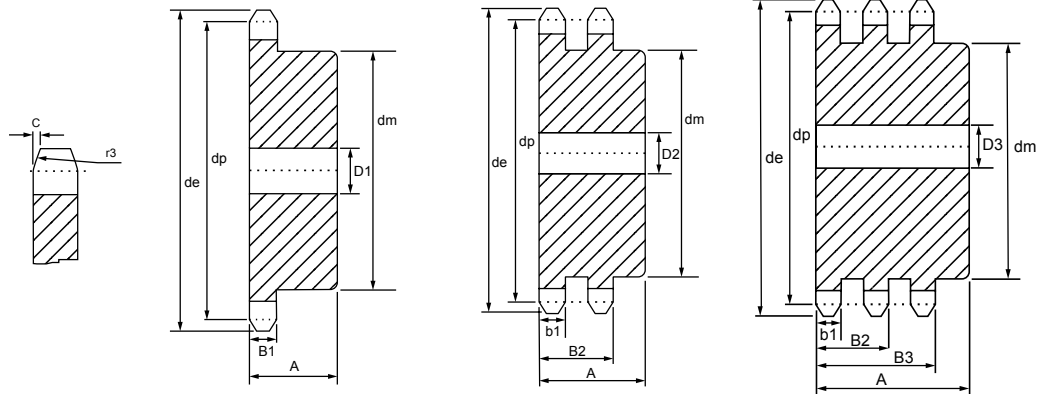


Teeth	de	dp	Simplex				Duplex				Triplex			
			dm	D1	A	W (kg)	dm	D2	A	W (kg)	dm	D3	A	W (kg)
42	440.0	424.86	*150	25	70	26.43	*160	30	90	62.22	*160	30	110	95.19
43	450.1	434.96	*150	25	70	27.38	*160	30	90	64.85	*160	30	110	99.43
44	460.2	445.06	*150	25	70	28.36	*160	30	90	67.55	*160	30	110	105.14
45	470.3	455.17	*150	25	70	29.36	*160	30	90	70.30	*160	30	110	109.63
46	480.4	465.25	*150	25	70	30.38	*160	30	90	73.11	*160	30	110	114.22
47	490.5	475.35	*150	25	70	31.43	*160	30	90	75.98	*160	30	110	118.91
48	500.6	485.45	*150	25	70	32.49	*160	30	90	78.91	*160	30	110	123.69
49	510.7	495.55	*150	25	70	33.58	*160	30	90	81.90	*160	30	110	128.57
50	520.8	505.65	*150	25	70	34.68	*160	30	90	84.95	*160	30	110	135.28
51	530.9	515.75	*150	25	80	36.89	*160	30	100	89.38	*180	30	123	143.30
52	541.0	525.85	*150	25	80	38.04	*160	30	100	92.55	*180	30	123	148.53
53	551.1	535.95	*150	25	80	39.21	*160	30	100	95.77	*180	30	123	153.86
54	561.2	546.05	*150	25	80	40.40	*160	30	100	99.06	*180	30	123	161.34
55	571.3	556.15	*150	25	80	41.62	*160	30	100	102.40	*180	30	123	166.93
56	581.4	566.25	*150	25	80	42.85	*160	30	100	105.80	*180	30	123	172.63
57	591.5	576.35	*150	25	80	44.11	*160	30	100	112.14	*180	30	123	178.43
58	601.6	586.45	*150	25	80	45.39	*160	30	100	115.75	*180	30	123	184.32
59	611.7	596.56	*150	25	80	46.69	*160	30	100	119.43	*180	30	123	190.32
60	621.8	606.66	*150	25	80	48.01	*160	30	100	123.16	*180	30	123	196.41
62	642.0	626.86	*150	25	80	50.72	*160	30	100	130.81	*180	30	123	211.53
64	662.2	647.07	*150	25	80	53.51	*160	30	100	142.26	*180	30	123	224.57
65	672.3	657.17	*150	25	80	54.94	*160	30	100	146.40	*180	30	123	231.24
66	682.4	667.27	*150	25	80	56.39	*180	30	100	152.23	*200	30	123	239.29
68	702.6	687.48	*150	25	80	59.35	*180	30	100	160.82	*200	30	123	253.13
70	722.8	707.68	*150	25	80	62.40	*180	30	100	169.66	*200	30	123	267.37
72	743.1	727.89	*150	25	80	65.55	*180	30	100	178.80	*200	30	123	282.08
75	773.3	758.20	*150	25	80	70.40	*180	30	100	192.85	*200	30	123	304.72
76	783.5	768.32	*150	25	80	72.08	*180	30	100	197.72	*200	30	123	312.57
80	823.9	808.71	*150	25	80	78.96	*180	30	100	217.65	*200	30	123	353.27
85	874.4	859.23	*150	25	90	89.10	*180	30	100	243.94	*200	30	123	396.69
90	924.9	909.76	*150	25	90	98.71	*180	30	100	271.79	*200	30	123	442.67
95	975.2	960.28	*150	25	90	108.81	*180	30	100	301.08	*200	30	123	491.02
100	1026.0	1010.80	*150	25	90	119.56	*180	30	100	332.22	*200	30	123	542.43
114	1167.4	1152.26	*150	25	90	152.32	*180	30	100	427.17	*200	30	126	699.86



## 24B-1-2-3

Pinions	mm
Tooth radius r3	38
Radius width C	4
Tooth width B1	24.1
Tooth width b1	23.6
Tooth width B2	72
Tooth width B3	120.3



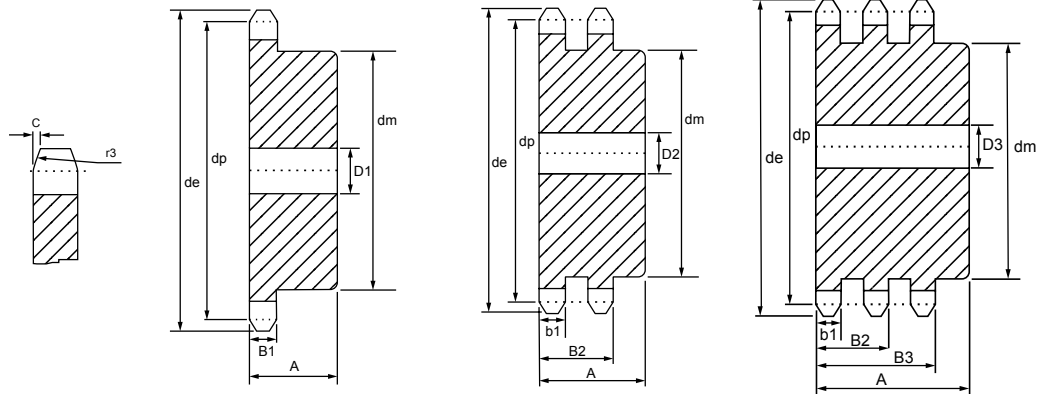
Chain	mm
Pitch	38.1
Internal width	25.4
Roller	25.4
Material: C 45 *Weld-on hub	



Teeth	de	dp	Simplex				Duplex				Triplex			
			dm	D1	A	W (kg)	dm	D2	A	W (kg)	dm	D3	A	W (kg)
8	115.0	99.55	58	20	45	1.38	58	25	95	2.70	58	25	140	4.00
9	126.4	111.40	70	20	45	1.90	70	25	95	3.79	70	25	140	5.62
10	138.0	123.29	80	20	45	2.47	80	25	95	5.01	80	25	140	7.45
11	150.0	135.21	90	25	50	3.27	90	25	100	6.62	90	25	150	9.73
12	162.0	147.22	102	25	50	4.09	102	25	100	8.28	102	25	150	12.24
13	174.2	159.18	114	25	50	5.00	114	25	100	10.13	114	25	150	15.02
14	186.2	171.22	128	25	50	6.09	128	25	100	12.24	128	25	150	18.16
15	198.2	183.26	132	25	50	6.84	132	25	100	14.08	132	25	150	21.09
16	210.3	195.30	*136	25	55	8.20	*136	25	100	15.88	*136	25	150	24.25
17	222.3	207.34	*136	25	55	8.87	*136	25	100	17.80	*140	25	150	27.42
18	234.3	219.42	*136	25	55	9.59	*150	25	100	21.08	*150	25	150	32.12
19	246.5	231.49	*136	25	55	10.40	*160	25	100	23.26	*160	25	150	35.74
20	258.6	243.57	*136	25	55	11.37	*160	25	100	25.57	*160	25	150	39.57
21	270.6	255.65	*150	25	60	13.28	*160	25	100	28.01	*160	30	150	42.98
22	282.7	267.73	*150	25	60	14.13	*160	25	100	30.59	*160	30	150	47.25
23	294.8	279.80	*150	25	60	15.02	*160	25	100	33.29	*160	30	150	51.74
24	306.8	291.88	*150	25	60	15.94	*160	25	100	36.13	*160	30	150	56.44
25	319.0	304.00	*150	25	60	16.91	*160	25	100	39.09	*160	30	150	61.37
26	331.0	316.08	*150	30	60	17.91	*160	30	100	42.19	*160	30	150	66.52
27	343.2	328.19	*150	30	60	18.95	*160	30	100	45.41	*160	30	150	71.88
28	355.2	340.27	*150	30	60	20.83	*160	30	100	48.77	*160	30	150	77.46
29	367.3	352.38	*150	30	60	21.98	*160	30	100	52.26	*160	30	150	84.00
30	379.5	364.50	*150	30	60	23.19	*160	30	100	55.88	*160	40	150	89.33
31	391.6	376.62	*150	30	60	24.42	*160	30	100	59.19	*160	40	150	96.11
32	403.7	388.69	*150	30	60	25.69	*160	30	100	63.07	*160	40	150	101.82
33	415.8	400.81	*150	30	60	27.00	*160	30	100	67.08	*160	40	150	109.17
34	427.8	412.93	*150	30	60	28.33	*160	30	100	71.21	*160	40	150	115.25
35	440.0	425.04	*150	30	60	29.73	*160	30	100	75.49	*160	40	150	123.25
36	452.0	437.16	*150	30	60	31.14	*160	30	100	79.89	*160	40	150	129.76
37	464.2	449.27	*150	30	60	32.62	*160	30	100	85.19	*160	40	150	136.55
38	476.2	461.39	*150	30	60	34.10	*160	30	100	89.40	*160	40	150	145.32
39	488.5	473.50	*150	30	60	35.66	*160	30	100	93.83	*160	40	150	152.63
40	500.6	485.62	*150	30	60	37.24	*160	30	100	98.30	*160	40	150	162.10

## 24B-1-2-3

Pinions	mm
Tooth radius r3	38
Radius width C	4
Tooth width B1	24.1
Tooth width b1	23.6
Tooth width B2	72
Tooth width B3	120.3



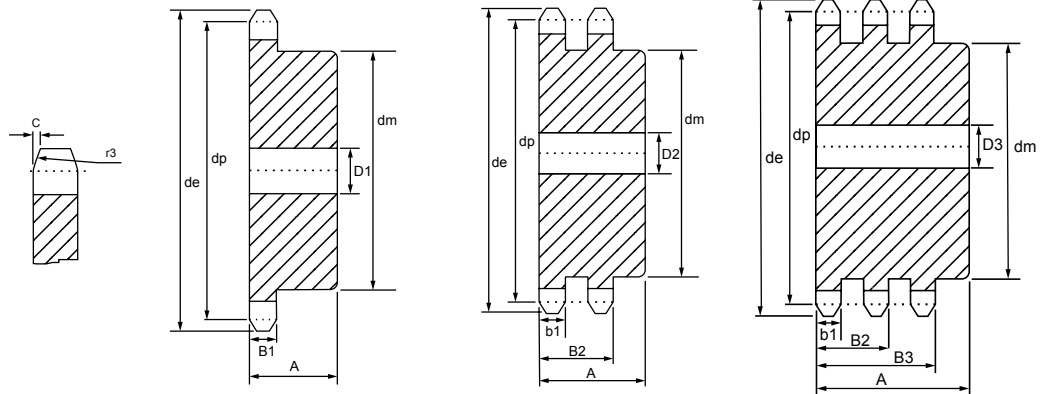
Chain	mm
Pitch	38.1
Internal width	25.4
Roller	25.4
Material: C 45 *Weld-on hub	



Teeth	de	dp	Simplex				Duplex				Triplex			
			dm	D1	A	W (kg)	dm	D2	A	W (kg)	dm	D3	A	W (kg)
41	512.6	497.72	*160	30	90	43.01	*180	30	100	103.77	*200	40	150	171.84
42	524.7	509.83	*160	30	90	44.66	*180	30	100	108.46	*200	40	150	179.66
43	536.8	521.95	*160	30	90	46.35	*180	30	100	113.25	*200	40	150	190.10
44	549.0	534.07	*160	30	90	48.09	*180	30	100	118.19	*200	40	150	198.46
45	561.2	546.19	*160	30	90	49.87	*180	30	100	123.23	*200	40	150	207.01
46	573.3	558.30	*160	30	90	51.67	*180	30	100	128.35	*200	40	150	218.43
47	585.4	570.42	*160	30	90	53.52	*180	30	100	133.58	*200	40	150	227.39
48	597.4	582.54	*160	30	90	55.38	*180	30	100	138.86	*200	40	150	236.45
49	609.5	594.66	*160	30	90	57.30	*180	30	100	144.30	*200	40	150	245.77
50	621.7	606.78	*160	30	90	59.27	*180	30	100	155.89	*200	40	150	255.36
51	633.8	618.90	*160	30	100	62.49	*180	30	110	163.48	*200	40	150	265.05
52	646.0	631.01	*160	30	100	64.54	*180	30	110	169.52	*200	40	150	275.02
53	658.0	643.13	*160	30	100	66.59	*180	30	110	175.58	*200	40	150	288.61
54	670.2	655.28	*160	30	100	68.72	*180	30	110	181.85	*200	40	150	299.07
55	682.3	667.40	*160	30	100	70.86	*180	30	110	188.18	*200	40	150	309.64
56	694.4	679.51	*160	30	100	73.05	*180	30	110	194.63	*200	40	150	324.40
57	706.5	691.63	*160	30	100	75.27	*180	30	110	206.34	*200	40	150	335.48
58	718.6	703.74	*160	30	100	77.54	*180	30	110	213.18	*200	40	150	346.75
59	730.7	715.86	*160	30	100	79.84	*180	30	110	220.14	*200	40	150	358.21
60	742.8	727.97	*160	30	100	82.17	*180	30	110	227.21	*200	40	150	369.86
62	767.2	752.24	*160	30	100	87.00	*180	30	110	241.82	*200	40	150	393.93
64	791.3	776.48	*160	30	100	91.93	*200	30	110	258.22	*220	40	150	419.78
65	803.4	788.59	*160	30	100	94.46	*200	30	110	265.87	*220	40	150	432.39
66	815.6	800.71	*160	30	100	97.05	*200	30	120	275.84	*220	40	150	445.28
68	839.8	824.98	*160	30	100	102.21	*200	30	120	291.45	*220	40	150	471.43
70	864.2	849.21	*160	30	100	107.74	*200	30	120	308.19	*220	40	150	498.57
72	888.4	873.48	*160	30	100	113.30	*200	30	120	324.99	*220	40	150	526.25
75	924.8	909.83	*160	30	100	121.94	*200	30	120	351.12	*220	40	150	569.31
76	936.9	921.98	*160	30	100	124.89	*200	30	120	360.04	*220	40	150	591.21
80	985.4	970.44	*160	30	100	137.09	*200	30	120	396.94	*220	40	150	652.77
85	1046.0	1031.10	*160	30	100	153.20	*200	30	120	445.65	*220	40	150	734.02
90	1167.3	1152.33	*160	30	100	188.31	*200	30	120	551.84	*220	40	150	911.12

## 28B-1-2-3

Pinions	mm
Tooth radius r3	44
Radius width C	5
Tooth width B1	29.4
Tooth width b1	28.8
Tooth width B2	88.4
Tooth width B3	148



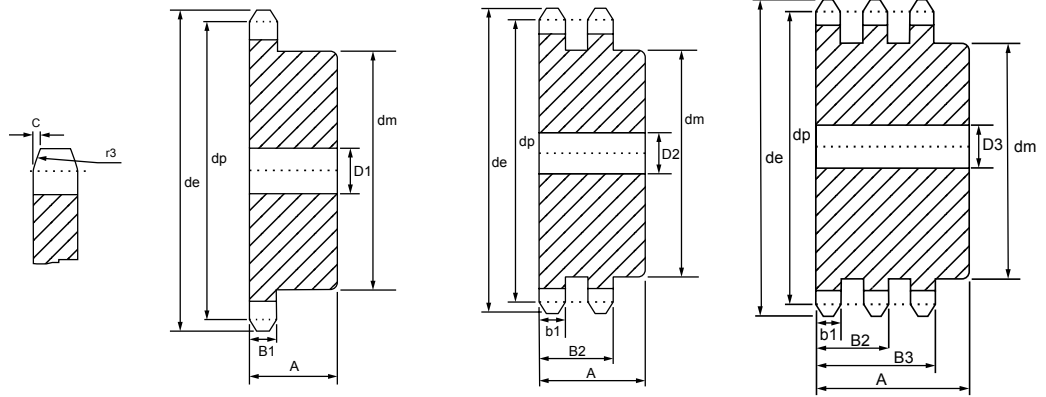
Chain	mm
Pitch	44.45
Internal width	30.99
Roller	27.94
Material: C 45 *Weld-on hub	



Teeth	de	dp	Simplex				Duplex				Triplex			
			dm	D1	A	W (kg)	dm	D2	A	W (kg)	dm	D3	A	W (kg)
8	132.0	116.15	74	25	70	2.86	74	25	120	4.75	74	30	180	7.04
9	148.4	129.96	88	25	70	4.00	88	25	120	6.66	88	30	180	9.89
10	162.3	143.85	100	25	70	5.18	100	25	120	8.79	100	30	180	13.10
11	176.3	157.77	112	25	70	6.51	112	25	120	11.19	112	30	180	16.73
12	189.5	171.74	125	25	70	8.04	125	25	120	13.91	125	30	180	20.84
13	204.2	185.75	*125	25	70	8.88	*125	25	120	16.25	*125	30	180	24.70
14	218.2	199.76	*125	25	70	9.79	*125	25	120	18.81	*125	30	180	28.93
15	232.3	213.79	*125	25	70	10.77	*145	25	120	22.64	*145	30	180	34.58
16	246.3	227.84	*160	30	75	14.96	*160	30	120	26.52	*160	30	180	40.44
17	260.0	241.91	*160	30	75	16.09	*160	30	120	29.74	*160	30	180	45.77
18	274.0	255.98	*160	30	75	17.28	*160	30	120	33.17	*160	30	180	51.76
19	289.0	270.06	*160	30	75	18.51	*180	30	120	38.14	*180	30	180	58.07
20	303.0	284.15	*160	30	75	19.75	*180	30	120	42.02	*180	30	180	64.49
21	317.0	298.24	*160	30	75	21.31	*180	30	120	49.10	*180	30	180	71.28
22	331.0	312.34	*160	30	75	22.87	*180	30	120	50.40	*180	30	180	80.16
23	345.0	326.44	*160	30	75	24.36	*180	30	120	54.92	*180	30	180	85.94
24	359.0	340.55	*160	30	75	26.00	*180	30	120	59.51	*180	30	180	94.64
25	373.0	354.66	*160	30	75	27.70	*180	30	120	64.71	*180	40	180	112.07
26	387.0	368.77	*160	30	75	29.48	*180	30	120	69.23	*180	40	180	115.26
27	401.4	382.88	*160	30	75	31.86	*180	30	120	75.09	*180	40	180	123.49
28	416.0	397.00	*160	30	75	33.77	*180	30	120	80.22	*180	40	180	132.12
29	430.0	411.12	*160	30	75	35.66	*180	30	120	86.50	*180	40	180	140.69
30	444.0	425.24	*160	30	75	37.62	*180	30	120	91.83	*180	40	180	148.79
31	458.0	439.37	*180	30	75	41.13	*180	30	120	98.66	*180	40	180	160.84
32	472.0	453.49	*180	30	75	43.21	*180	30	120	104.41	*180	40	180	170.37
33	486.0	467.62	*180	30	75	45.96	*180	30	120	111.81	*180	40	180	180.19
34	500.0	481.75	*180	30	75	48.19	*180	30	120	117.98	*180	40	180	190.29
35	514.0	495.88	*180	30	75	50.48	*200	30	120	127.18	*200	40	180	210.04
36	529.0	510.01	*180	30	75	53.01	*200	30	120	136.03	*180	40	180	220.72
37	543.0	524.14	*180	30	75	56.17	*200	30	120	142.91	*180	40	180	232.14
38	557.0	538.27	*180	30	75	58.69	*200	30	120	149.97	*200	40	180	245.08
39	571.0	552.40	*180	30	75	61.27	*200	30	120	157.21	*200	40	180	257.08
40	585.0	566.54	*180	30	75	63.92	*200	30	120	164.62	*200	40	180	272.89
45	656.0	637.22	*180	30	90	80.78	200	30	120	204.98	200	40	180	340.68
50	726.0	707.91	*180	30	90	96.58	200	30	120	249.25	200	40	180	425.69
57	825.0	806.89	*180	30	100	123.27	200	30	120	319.47	200	40	180	546.64
60	869.0	849.32	*180	30	100	135.43	200	30	130	355.58	200	40	190	607.46
76	1095.0	1075.6	*180	30	100	207.74	200	30	130	558.27	200	40	190	956.52

## 32B-1-2-3

Pinions	mm
Tooth radius r3	44
Radius width C	5
Tooth width B1	29.4
Tooth width b1	28.8
Tooth width B2	88.4
Tooth width B3	148



Chain	mm
Pitch	44.45
Internal width	30.99
Roller	27.94
Material: C 45 *Weld-on hub	



Teeth	de	dp	Simplex				Duplex				Triplex			
			dm	D1	A	W (kg)	dm	D2	A	W (kg)	dm	D3	A	W (kg)
8	153.2	132.69	82	25	80	4.20	82	30	120	6.65	82	30	180	9.90
9	169.0	148.54	88	25	80	5.78	88	30	120	9.14	88	30	180	13.65
10	185.0	164.44	104	25	80	7.60	104	30	120	12.01	104	30	180	17.97
11	200.8	180.34	120	30	80	9.26	120	30	120	14.75	120	30	180	22.22
12	216.8	196.29	*133	30	80	10.91	*133	30	120	17.95	*133	30	180	27.23
13	232.8	212.29	*145	30	80	13.05	*145	30	120	21.68	*145	30	180	32.98
14	248.8	228.29	*145	30	80	14.25	*145	30	120	25.03	*145	30	180	38.50
15	264.8	244.30	*145	30	80	15.53	*160	30	120	29.30	*160	30	180	45.04
16	280.9	260.40	*160	30	90	19.87	*160	30	120	33.21	*160	30	180	51.50
17	296.9	276.40	*160	30	90	21.35	*180	30	120	38.76	*180	30	180	61.45
18	313.0	292.55	*160	30	90	22.94	*180	30	120	43.24	*180	30	180	68.85
19	329.1	308.66	*160	30	90	24.53	*200	30	120	49.52	*200	30	180	76.73
20	345.2	324.71	*180	30	90	28.50	*200	30	120	54.56	*200	30	180	85.07
21	361.3	340.82	*180	30	90	30.36	*200	30	120	59.87	*200	40	180	93.89
22	377.5	356.98	*180	30	90	32.80	*200	30	120	65.47	*200	40	180	104.15
23	393.6	373.08	*180	30	90	34.79	*200	30	120	71.35	*200	40	180	112.54
24	409.7	389.18	*180	30	90	36.87	*200	30	120	77.52	*200	40	180	124.79
25	425.8	405.33	*180	30	90	39.03	*200	30	120	83.66	*200	40	180	134.13
26	441.9	421.44	*180	30	90	41.27	*200	30	120	90.69	*200	40	180	145.85
27	458.1	437.59	*180	30	90	43.60	*200	30	120	97.81	*200	40	180	156.11
28	474.2	453.69	*180	30	90	46.01	*200	30	120	104.26	*200	40	180	168.98
29	490.4	469.90	*180	30	90	48.51	*200	30	120	112.53	*200	40	180	180.12
30	506.5	486.00	*180	30	90	51.08	*200	30	120	119.52	*200	40	180	194.17
32	538.8	518.26	*180	30	90	56.48	*200	30	120	137.91	*200	40	180	221.50
35	589.5	566.72	*180	30	90	65.63	*200	30	120	163.50	*200	40	180	266.82
38	635.5	615.14	*180	30	90	74.63	*200	30	120	193.71	*200	40	180	316.64
40	670.3	647.49	*180	30	90	81.88	*200	30	120	214.55	*200	40	180	360.13
45	751.0	728.25	*180	30	100	101.75	*200	30	120	270.57	*200	40	180	449.36
50	831.8	809.04	*180	30	100	122.13	*200	30	120	329.88	*200	40	180	548.77
57	945.0	922.16	*180	30	100	154.16	*220	30	120	424.47	*220	40	180	706.47
60	993.4	970.65	*200	30	110	173.55	*220	30	130	470.44	*220	40	180	779.29
76	1252.0	1229.30	*200	30	110	265.88	*220	30	130	739.11	*238	40	180	1231.08

Our 304-grade stainless steel sprockets are designed for durability and corrosion resistance, making them ideal for tough environments and food-grade applications. Their non-reactive nature ensures safe use in industries where hygiene is crucial, such as food processing, while still delivering reliable performance in wet or chemical-heavy settings.



## Key Features

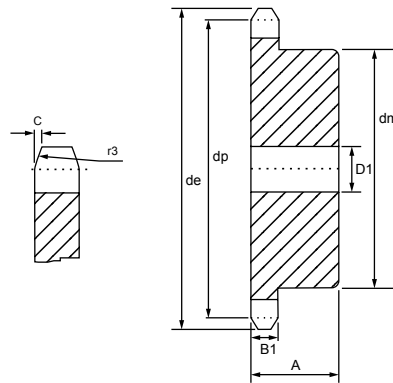
- ▶ Made from food-safe 304 stainless steel with excellent corrosion resistance.
- ▶ Precision-machined for smooth, consistent power transmission.
- ▶ Ideal for food processing, marine, and corrosive environments.
- ▶ Low maintenance and long-lasting durability.

These stainless steel sprockets provide a clean, efficient solution, perfect for industries where both hygiene and reliability are essential.

## 06B-1

Pinions	mm
Tooth radius r3	10
Radius width C	1
Tooth width B1	5.3
Tooth width b1	5.2

Chain	mm
Pitch	9.525
Internal width	5.72
Roller	6.35

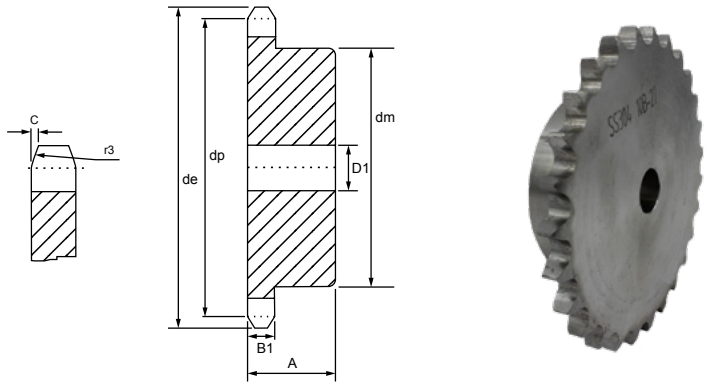


Teeth	de	dp	Simplex			
			dm	D1	A	W (kg)
13	43.0	39.79	28	10	25	0.13
15	49.3	45.81	34	10	25	0.19
17	55.3	51.83	40	10	28	0.28
19	61.3	57.87	45	10	28	0.36
21	68.0	63.91	48	12	28	0.42
23	73.5	69.95	52	12	28	0.49
25	80.0	76.02	57	12	28	0.60
27	86.0	82.05	60	12	28	0.67
30	94.7	91.12	60	12	28	0.72
38	119.5	115.35	70	14	30	1.10

## 08B-1

Pinions	mm
Tooth radius r3	13
Radius width C	1.3
Tooth width B1	7.2
Tooth width b1	7

Chain	mm
Pitch	12.7
Internal width	7.75
Roller	8.51

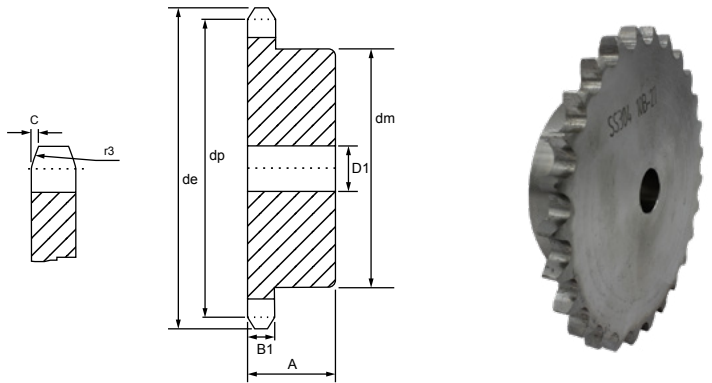


Teeth	de	dp	Simplex			
			dm	D1	A	W (kg)
13	58.4	53.06	39	8	16	0.16
15	66.8	61.09	47	8	16	0.23
17	74.9	69.11	50	10	18	0.30
19	82.9	77.16	50	10	18	0.32
21	91.0	85.22	60	12	20	0.48
23	99.0	93.27	60	12	20	0.51
25	107.1	101.33	60	12	20	0.53
27	115.4	109.40	70	16	20	0.69
30	127.5	121.50	70	16	20	0.74
38	159.8	153.80	70	16	25	1.04

## 10B-1

Pinions	mm
Tooth radius r3	16
Radius width C	1.6
Tooth width B1	9.1
Tooth width b1	9
Tooth width B2	25.5
Tooth width B3	42.1

Chain	mm
Pitch	15.875
Internal width	9.65
Roller	10.16
Material: C 45 *Weld-on hub	

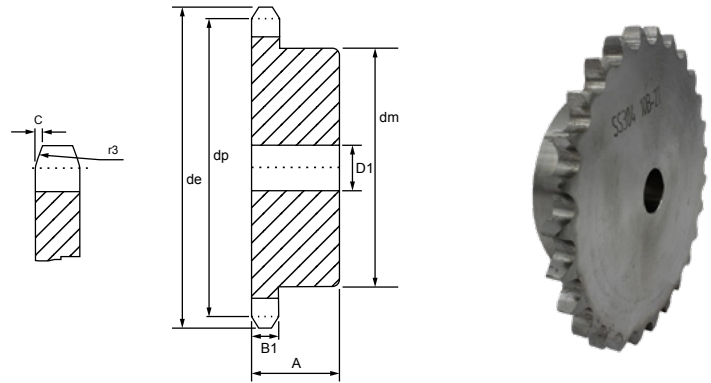


Teeth	de	dp	Simplex			
			dm	D1	A	W (kg)
13	73.0	66.32	47	12	30	0.47
15	83.0	76.36	57	12	30	0.68
17	93.0	86.39	60	12	30	0.81
19	103.3	96.45	70	14	30	1.11
21	113.4	106.52	75	16	30	1.26
23	123.5	116.58	80	16	30	1.47
25	134.0	126.66	80	16	30	1.61
27	144.0	136.75	85	20	35	2.05
30	158.8	151.87	90	20	35	2.42
38	199.2	192.24	100	20	35	3.67

## 12B-1

Pinions	mm
Tooth radius r3	19
Radius width C	2
Tooth width B1	11.1
Tooth width b1	10.8
Tooth width B2	30.3
Tooth width B3	49.8

Chain	mm
Pitch	19.05
Internal width	11.68
Roller	12.07
Material: C 45 *Weld-on hub	

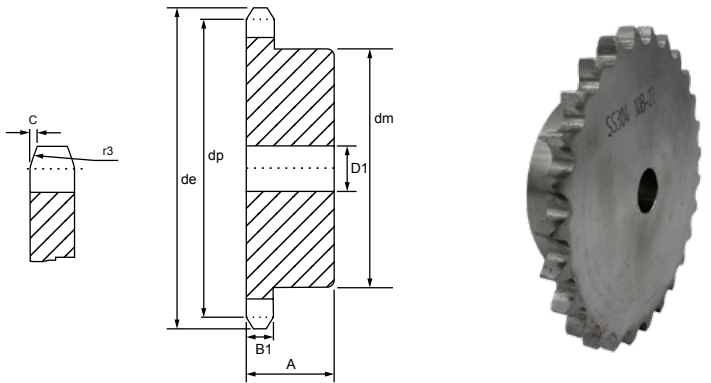


Teeth	de	dp	Simplex			
			dm	D1	A	W (kg)
13	87.5	79.59	58	14	35	0.83
15	99.8	91.63	70	14	35	1.18
17	111.5	103.67	80	16	35	1.55
19	124.2	115.75	80	16	35	1.72
21	136.0	127.82	90	20	40	2.36
23	149.0	139.90	90	20	40	2.61
25	160.0	152.00	90	20	40	2.81
27	172.3	164.09	95	20	40	3.23
30	190.5	182.25	95	20	40	3.62
38	239.0	230.69	100	20	40	5.13

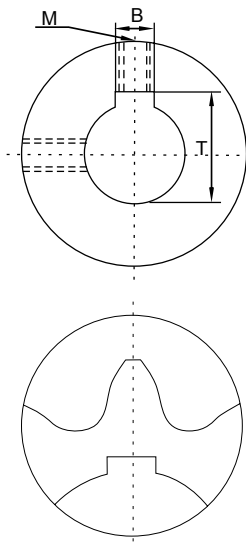
## 16B-1

Pinions	mm
Tooth radius r3	26
Radius width C	2.5
Tooth width B1	16.2
Tooth width b1	15.8
Tooth width B2	47.7
Tooth width B3	79.6

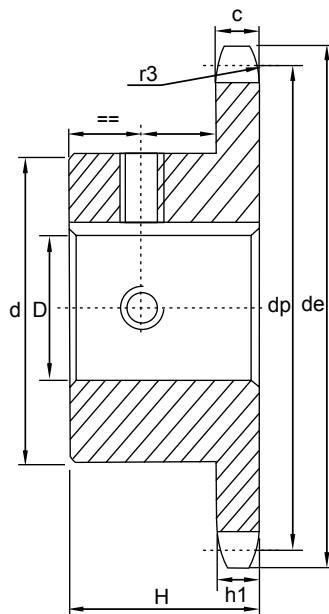
Chain	mm
Pitch	25.4
Internal width	17.02
Roller	15.88
Material: C 45 *Weld-on hub	



Teeth	de	dp	Simplex			
			dm	D1	A	W (kg)
13	117.0	106.12	78	16	40	1.77
15	133.0	122.17	92	16	40	2.46
17	149.0	138.22	100	20	45	3.33
19	165.2	154.33	100	20	45	3.78
21	181.2	170.43	110	20	50	5.01
23	197.5	186.53	110	20	50	5.56
25	213.5	202.66	110	20	50	6.16
27	229.6	218.79	120	20	50	7.30
30	254.0	243.00	120	20	50	8.38
38	320.7	307.59	*120	25	50	11.84



Keyway is located on center of tooth.



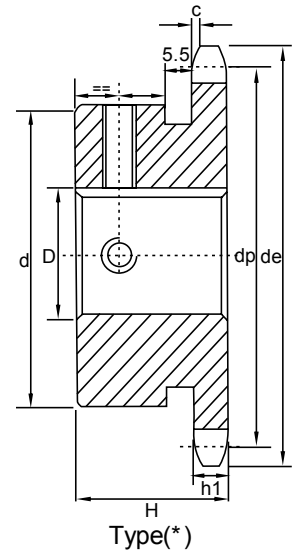
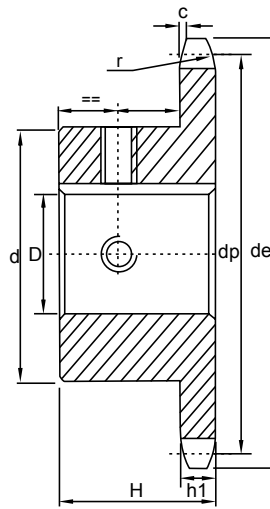
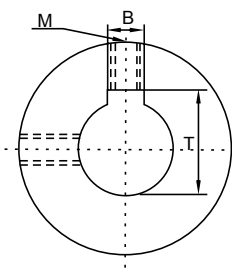
D(H7)	B(H9)	T	M
10	4	D+1.8 (+0.1/0)	M3
11	4	D+1.8 (+0.1/0)	M3
12	4	D+1.8 (+0.1/0)	M3
14	5	D+2.3 (+0.1/0)	M4
16	5	D+2.3 (+0.1/0)	M4
18	6	D+2.8 (+0.1/0)	M5
19	6	D+2.8 (+0.1/0)	M5
20	6	D+2.8 (+0.1/0)	M5
22	6	D+2.8 (+0.1/0)	M5
24	8	D+3.3 (+0.2/0)	M6
25	8	D+3.3 (+0.2/0)	M6
28	8	D+3.3 (+0.2/0)	M6
30	8	D+3.3 (+0.2/0)	M6
32	10	D+3.3 (+0.2/0)	M8
35	10	D+3.3 (+0.2/0)	M8
38	10	D+3.3 (+0.2/0)	M8
40	12	D+3.3 (+0.2/0)	M10
42	12	D+3.3 (+0.2/0)	M10
45	14	D+3.8 (+0.2/0)	M12
48	14	D+3.8 (+0.2/0)	M12
50	14	D+3.8 (+0.2/0)	M12
60	18	D+4.4 (+0.2/0)	M12
65	18	D+4.4 (+0.2/0)	M12
70	20	D+4.9 (+0.2/0)	M12



## 06B-1

Pinions	mm
Tooth radius r	10
Radius width C	1
Tooth width h1	5.3

Chain	mm
Pitch	9.525
Internal width	5.72
Roller	6.35
Material: C45	



Teeth	de	dp	D	H	d
10	34	30.80	10	22	24
			11		26
			12		29
			14		31*
11	37	33.8	10	25	24
			12		26
			14		29*
			16		31*
12	40	36.8	10	25	25
			12		26
			14		29*
			16		31*
13	43	39.8	10	25	28
			12		29
			14		31
			16		35*
14	46.3	42.8	12	25	31
			14		35
			18		34
			19		34
15	49.3	45.81	12	25	34
			14		34
			16		34
			18		35
			19		35
			20		36
16	52.3	48.82	12	28	37
			14		37
			16		37
			18		37
			19		37
			20		37

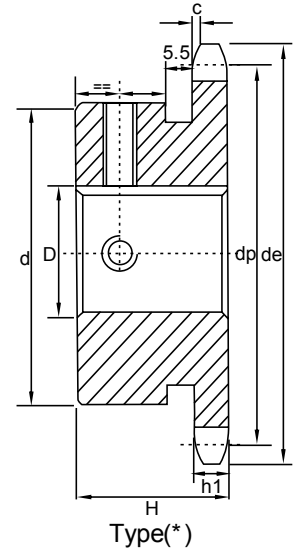
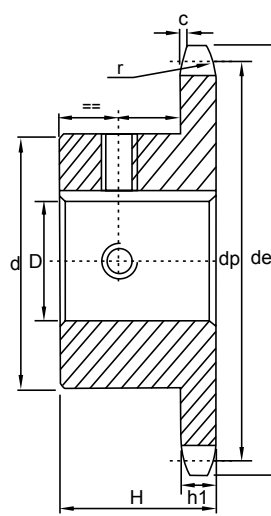
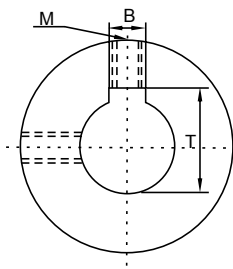
Teeth	de	dp	D	H	d
16	52.3	48.82	22	16	37
			24		42
			25		42
			12		42
17	55.3	51.83	12	28	40
			14		40
			16		40
			18		40
			19		40
			20		40
18	58.3	54.85	12	28	43
			14		43
			16		43
			18		43
			19		43
			20		43
19	61.3	57.87	12	28	45
			14		45
			16		45
			18		45
			19		45
			20		45
20	64.3	60.89	12	28	46
			14		46
			16		46
			18		46
			19		46
			20		46

Teeth	de	dp	D	H	d
20	64.3	60.89	24	28	46
			25		46
			16		46
			18		46
21	68	63.91	19	28	48
			20		48
			22		48
			24		48
22	71	66.93	16	28	50
			18		50
			19		50
			22		50
23	73.5	69.95	16	28	52
			18		52
			19		52
			22		52
24	77	72.97	16	28	54
			18		54
			19		54
			20		54
			22		54
			24		54
25	80	76	16	28	57
			18		57
			19		57
			20		57
			22		57
			24		57

## 08B-1

Pinions	mm
Tooth radius r	13
Radius width C	1.3
Tooth width h1	7.2

Chain	mm
Pitch	12.7
Internal width	7.75
Roller	8.51
Material: C 45	



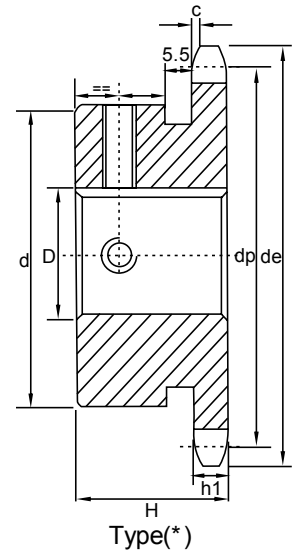
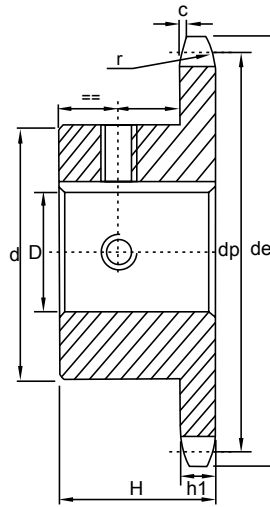
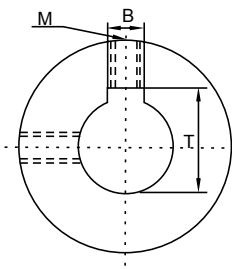
Z	de	dp	D	H	d	Z	de	dp	D	H	d	Z	de	dp	D	H	d	Z	de	dp	D	H	d																			
10	45.2	41.1	12	25	26	15	65.5	61.09	18	28	45	18	77.8	73.14	38	28	56	22	93.8	89.24	20	28	70																			
			14		29				16			19			16						22			24	25	28	30	32	35	38												
			16		31				18			19			16						18			19	20	22	24	25	28	30	32	35	38									
11	48.7	45.07	12	25	29	16	69.5	65.1	22	28	50	19	81.7	77.16	24	28	60	23	98.2	93.27	24	28	70																			
			14		31				16						19						16			18	19	20	22	24	25	28	30	32	35	38								
			16		33				18						19						16			18	19	20	22	24	25	28	30	32	35	38								
			18		35				20						22						24			25	28	30	32	35	38	40	42	45	48	50	52	55	58	60	62	65	68	70
			19		36				22						24						25			28	30	32	35	38	40	42	45	48	50	52	55	58	60	62	65	68	70	
			20		38				24						25						28			30	32	35	38	40	42	45	48	50	52	55	58	60	62	65	68	70		
12	53	49.07	12	28	35	17	73.6	69.11	30	28	52	20	85.8	81.19	24	28	64	24	101.8	97.29	24	28	70																			
			14		37				16						18						19			20	22	24	25	28	30	32	35	38										
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			18		41				20						22						24			25	28	30	32	35	38	40	42	45	48	50	52	55	58	60	62	65	68	70
			19		42				22						24						25			28	30	32	35	38	40	42	45	48	50	52	55	58	60	62	65	68	70	
			20		43				24						25						28			30	32	35	38	40	42	45	48	50	52	55	58	60	62	65	68	70		
			22		45				26						28						30			32	35	38	40	42	45	48	50	52	55	58	60	62	65	68	70			
			24		47				28						30						32			35	38	40	42	45	48	50	52	55	58	60	62	65	68	70				
			25		48				30						32						35			38	40	42	45	48	50	52	55	58	60	62	65	68	70					
			28		51				34						36						38			40	42	45	48	50	52	55	58	60	62	65	68	70						
14	61.8	57.07	12	28	41	18	77.8	73.14	30	28	56	21	89.7	85.22	24	28	68	25	105.8	101.33	24	28	70																			
			14		43				16						18						19			20	22	24	25	28	30	32	35	38										
			16		45				18						19						20			22	24	25	28	30	32	35	38											
			18		47				20						22						24			25	28	30	32	35	38	40	42	45	48	50	52	55	58	60	62	65	68	70
			19		48				22						24						25			28	30	32	35	38	40	42	45	48	50	52	55	58	60	62	65	68	70	
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			28		57				34						36						38			40	42	45	48	50	52	55	58	60	62	65	68	70						
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			16		49				18						19						20			22	24	25	28	30	32	35	38											
			18		51				20						22						24			25	28	30	32	35	38	40	42	45	48	50	52	55	58	60	62	65	68	70

If you need Ultra-high strength chain, please contact the sales department.

## 10B-1

Pinions	mm
Tooth radius r	16
Radius width C	1.6
Tooth width h1	9.1

Chain	mm
Pitch	15.875
Internal width	9.65
Roller	10.16
Material: C45	



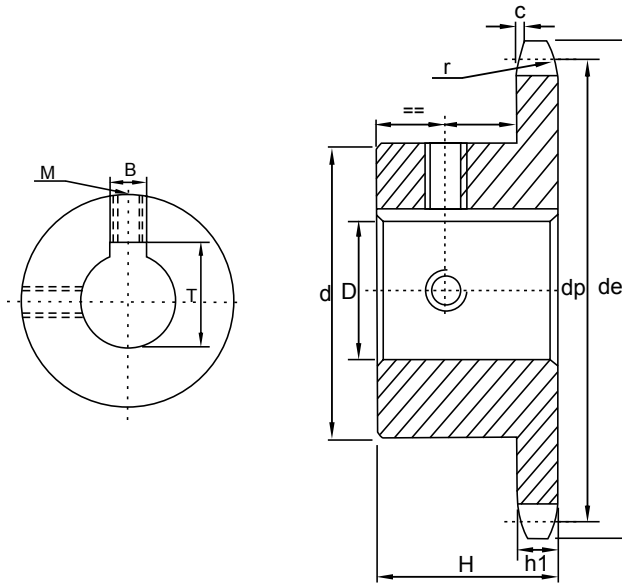
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			19						24						38																												
			20						25						40																												
			24						28						42																												
11	63	56.34	16	30	37	16	88	81.37	25	30	60	20	108.4	101.49	30	30	75	23	123.4	116.58	19	30	80																				
			18						30						20																												
			19						32						22																												
			20						35						24																												
			24						19						25																												
			25						20						28																												
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12	68	61.34	16	30	42	17	93	86.39	24	30	60	21	113.4	106.52	32	30	75	24	128.3	121.62	28	30	80																				
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			25						20						44																												
			28						22						47																												
			30						24						49																												
			32						25						51																												
13	73	66.32	16	30	47	18	98.3	91.42	24	30	70	22	118	111.55	35	30	80	25	134	126.66	32	30	80																				
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																					18								25						30								
																					19								28						32								
20	30	35																																									
22	32	38																																									
24	19	42																																									
25	20	44																																									
28	22	47																																									
30	24	49																																									
32	25	51																																									
15	83	76.36		16	30	57	19	103.3		96.45	24	30	70	22		118	111.55	40	30	80	25	134	126.66						42						30						80		
			18	25					30																																		

Every effort has been taken to ensure that the data listed in this catalogue is correct. TransDrive will not accept liability for any damage or loss caused as a result of the data in this catalogue.

## 12B-1

Pinions	mm
Tooth radius r	19
Radius width C	2
Tooth width h1	11.1

Chain	mm
Pitch	19.05
Internal width	11.68
Roller	12.07
Material: C 45	



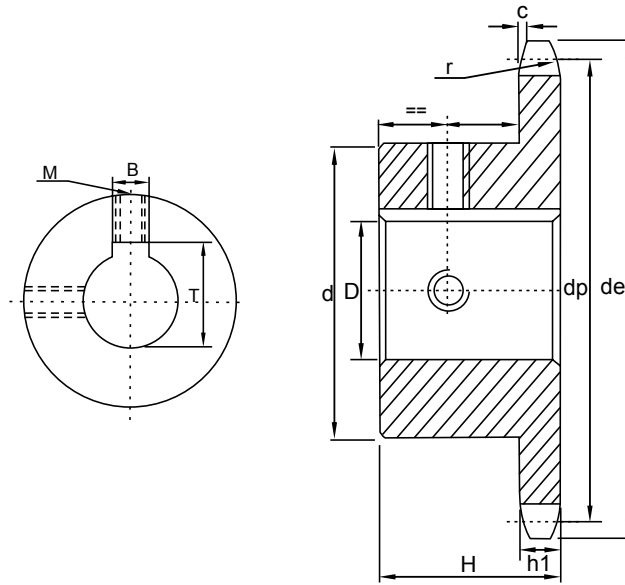
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			20						42						35						40		
			24						38						25						42		
			25						40						28						45		
			28						19						30						48		
			30						20						32						50		
11	75	67.61	19	35	48	15	99.8	91.63	24	35	70	19	124.2	115.75	38	35	80	23	149	139.9	25	40	90
			20						24						40						28		
			24						25						42						30		
			25						30						45						32		
			28						32						48						35		
			30						35						50						38		
12	81.5	73.6	19	35	52	16	105.5	97.65	22	35	75	20	129.7	121.78	38	35	80	24	153.9	145.94	25	40	90
			20						19						30						28		
			22						20						32						30		
			24						22						35						32		
			25						24						40						35		
			28						25						42						38		
13	87.5	79.59	19	35	58	17	111.5	103.67	25	35	80	21	136	127.82	38	35	90	25	160	152	25	40	90
			20						35						40						28		
			22						40						42						30		
			24						25						45						32		
			25						28						48						35		
			28						30						50						38		
14	93.6	85.61	19	35	64	18	118	109.71	22	35	80	22	141.8	133.86	38	40	90	25	160	152	25	40	90
			20						42						48						30		
			22						25						50						32		
			24						30						52						35		
			25						32						54						38		
			28						35						56						40		

If you need Ultra-high strength chain, please contact the sales department.

## 16B-1

Pinions	mm
Tooth radius r	26
Radius width C	2.5
Tooth width h1	16.2

Chain	mm
Pitch	25.4
Internal width	17.02
Roller	15.88
Material: C45	



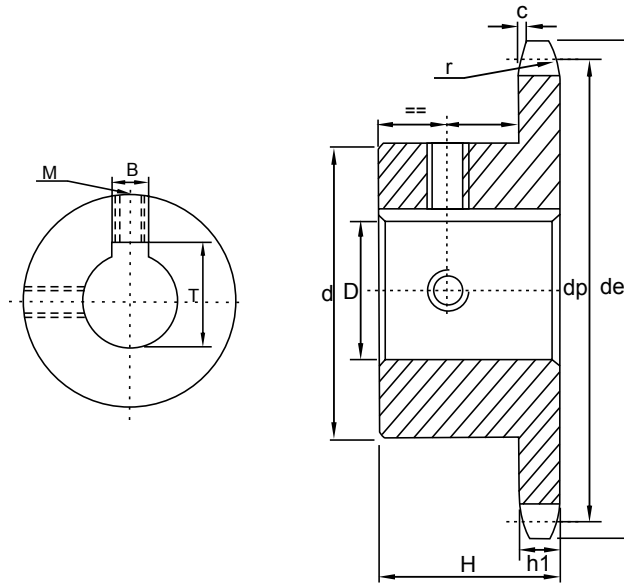
Z	de	dp	D	H	d	Z	de	dp	D	H	d	Z	de	dp	D	H	d	Z	de	dp	D	H	d																		
11	99.5	90.14	25	40	61	15	133	122.17	30	40	92	18	157	146.28	48	45	100	22	189.3	178.48	38	50	110																		
			28						32						35						38			25	28	30	32	35	38	40	42	45	48	50							
			30						32						35						38			25	28	30	32	35	38	40	42	45	48	50							
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			35						38						40						42			45	48	50	25	28	30	32	35	38	40	42	45	48	50				
			38						40						42						45			48	50	25	28	30	32	35	38	40	42	45	48	50					
			40						42						45						48			50	25	28	30	32	35	38	40	42	45	48	50						
			42						45						48						50			25	28	30	32	35	38	40	42	45	48	50							
			25						28						30						32			35	38	40	42	45	48	50	25	28	30	32	35	38	40	42	45	48	50
			28						30						32						35			38	40	42	45	48	50	25	28	30	32	35	38	40	42	45	48	50	
12	109	98.14	25	40	69	16	141	130.2	30	45	100	19	165.2	154.33	38	45	100	23	197.5	186.53	38	50	110																		
			28						30						32						35			38	40	42	45	48	50	25	28	30	32	35	38	40	42	45	48	50	
			30						32						35						38			40	42	45	48	50	25	28	30	32	35	38	40	42	45	48	50		
			32						35						38						40			42	45	48	50	25	28	30	32	35	38	40	42	45	48	50			
			35						38						40						42			45	48	50	25	28	30	32	35	38	40	42	45	48	50				
			38						40						42						45			48	50	25	28	30	32	35	38	40	42	45	48	50					
			40						42						45						48			50	25	28	30	32	35	38	40	42	45	48	50						
			42						45						48						50			25	28	30	32	35	38	40	42	45	48	50							
			25						28						30						32			35	38	40	42	45	48	50	25	28	30	32	35	38	40	42	45	48	50
			28						30						32						35			38	40	42	45	48	50	25	28	30	32	35	38	40	42	45	48	50	
13	117	106.12	25	40	78	17	149	138.22	30	45	100	20	173.2	162.38	38	45	100	24	205.5	194.59	38	50	110																		
			28						30						32						35			38	40	42	45	48	50	25	28	30	32	35	38	40	42	45	48	50	
			30						32						35						38			40	42	45	48	50	25	28	30	32	35	38	40	42	45	48	50		
			32						35						38						40			42	45	48	50	25	28	30	32	35	38	40	42	45	48	50			
			35						38						40						42			45	48	50	25	28	30	32	35	38	40	42	45	48	50				
			38						40						42						45			48	50	25	28	30	32	35	38	40	42	45	48	50					
			40						42						45						48			50	25	28	30	32	35	38	40	42	45	48	50						
			42						45						48						50			25	28	30	32	35	38	40	42	45	48	50							
			25						28						30						32			35	38	40	42	45	48	50	25	28	30	32	35	38	40	42	45	48	50
			28						30						32						35			38	40	42	45	48	50	25	28	30	32	35	38	40	42	45	48	50	
14	125	114.15	25	40	84	18	157	146.28	30	45	100	21	181.2	170.43	38	45	110	25	213.5	202.66	38	50	110																		
			28						30						32						35			38	40	42	45	48	50	25	28	30	32	35	38	40	42	45	48	50	
			30						32						35						38			40	42	45	48	50	25	28	30	32	35	38	40	42	45	48	50		
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			35						38						40						42			45	48	50	25	28	30	32	35	38	40	42	45	48	50				
			38						40						42						45			48	50	25	28	30	32	35	38	40	42	45	48	50					
			40						42						45						48			50	25	28	30	32	35	38	40	42	45	48	50						
			42						45						48						50			25	28	30	32	35	38	40	42	45	48	50							
			25						28						30						32			35	38	40	42	45	48	50	25	28	30	32	35	38	40	42	45	48	50
			28						30						32						35			38	40	42	45	48	50	25	28	30	32	35	38	40	42	45	48	50	
15	133	122.17	25	40	92				30																																
			32						35															38	40	42	45														
			35						38															40	42	45															

Every effort has been taken to ensure that the data listed in this catalogue is correct. TransDrive will not accept liability for any damage or loss caused as a result of the data in this catalogue.

## 20B-1

Pinions	mm
Tooth radius r	32
Radius width C	3.5
Tooth width h1	18.5

Chain	mm
Pitch	31.75
Internal width	19.56
Roller	19.05
Material: C 45	

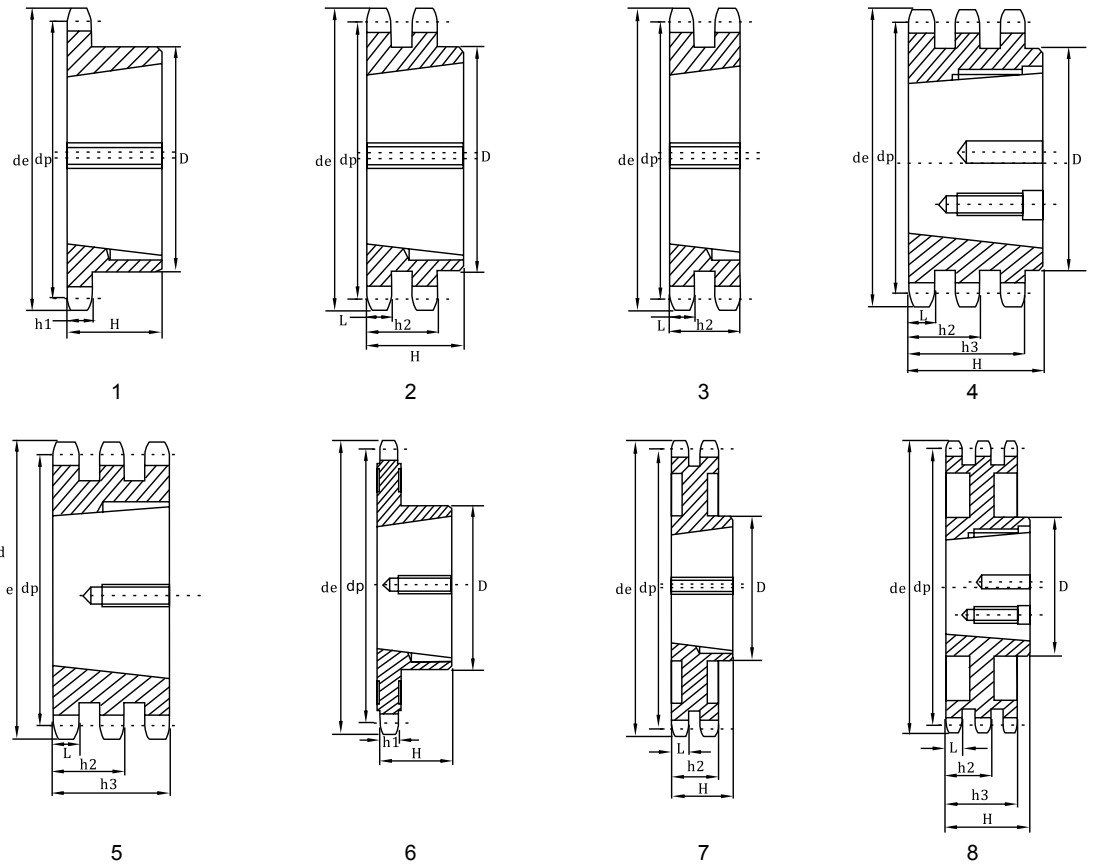


Z	de	dp	D	H	d	Z	de	dp	D	H	d	Z	de	dp	D	H	d
09	108	92.84	25	40	63	13	147.8	132.65	32	45	98	17	187.9	172.78	38	50	120
			30						40						42		
			32						42						45		
			35						45						48		
			38						48						50		
10	117.9	102.74	25	40	70	14	157.8	142.68	32	45	108	18	198	182.85	38	50	120
			30						40						42		
			32						42						45		
			35						45						48		
			38						48						50		
11	127.8	112.68	25	45	77	15	167.9	152.72	32	50	120	20	218.1	202.98	38	50	120
			28						40						42		
			30						42						45		
			32						45						48		
			35						48						50		
			38						50						55		
			40						55						60		
			42						60						65		
			45						65						70		
			50						70						75		
60	82	93															
12	137.8	122.68	25	45	88	16	177.9	162.75	32	50	120	20	218.1	202.98	38	50	120
			28						40						42		
			30						42						45		
			32						45						48		
			35						48						50		
			38						50						55		
			40						55						60		
			42						60						65		
			45						65						70		
			50						70						75		
13	147.8	132.65	25	45	98	17	187.9	172.78	32	50	120	20	218.1	202.98	38	50	120
			28						40						42		
			31						42						45		
									45						48		
									48						50		

## 06B-1-2-3

Pinions	mm
Tooth radius r	10
Radius width C	1
Tooth width h1	5.3
Tooth width L	5.2
Tooth width h2	15.4
Tooth width h3	25.6

Chain	mm
Pitch	9.525
Internal width	5.72
Roller	6.35
Steel: C45	
*Cast iron = G22 cast iron with black phosphated	

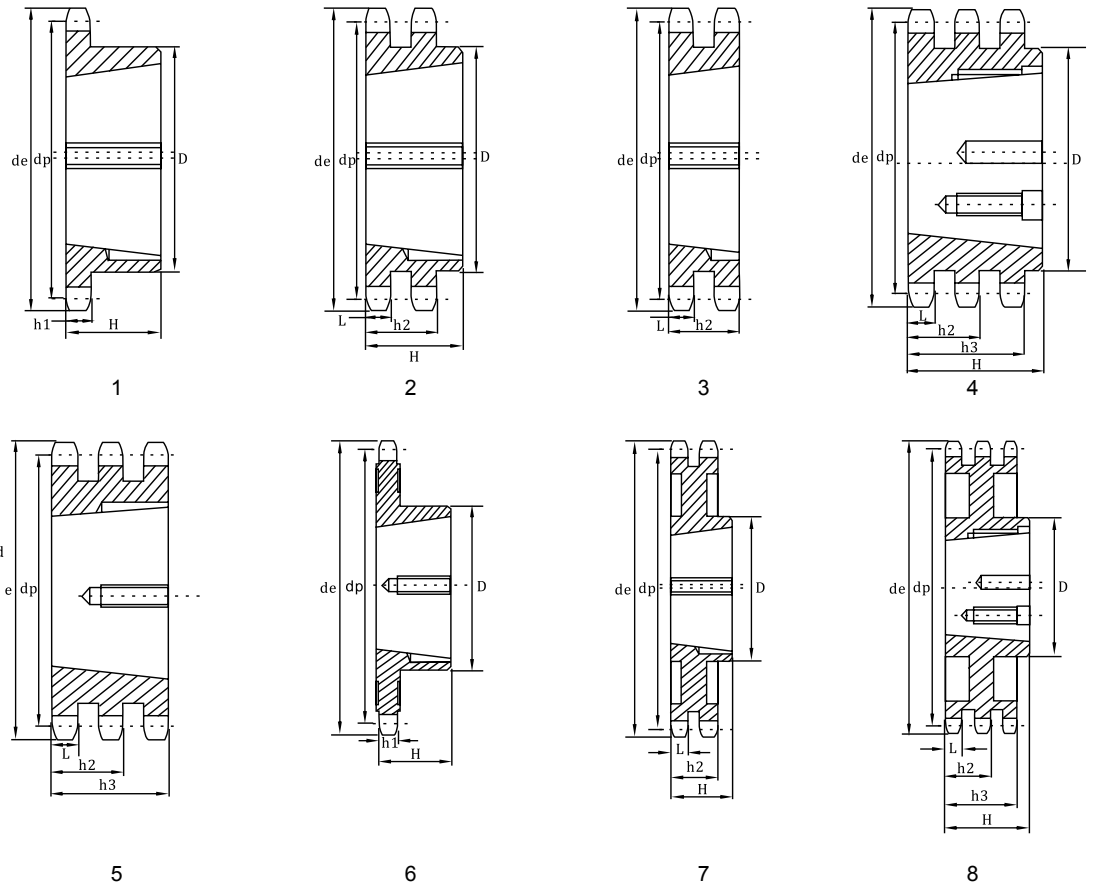


Teeth	de	dp	Simplex				Double				Triple			
			D	H	for Bush	Type	D	H	for Bush	Type	D	H	for Bush	Type
17	55.3	51.83	45	22	1008	1	41	22	1008	2	-	25.6	1008	5
19	61.3	57.87	45	22	1008	1	46	22	1008	2	-	25.6	1008	5
21	68.0	63.91	46	22	1008	1	49	22	1008	2	-	25.6	1008	5
23	73.5	69.95	63	25	1210	1	59	25	1210	2	-	25.6	1210	5
25	80.0	76.02	63	25	1210	1	64	25	1210	2	-	25.6	1210	5
27	86.0	82.02	63	25	1210	1	70	25	1210	2	-	25.6	1210	5
30	94.7	91.12	63	25	1210	1	75	25	1210	2	79	38	1615	4
*38	119.5	115.35	70	25	1210	1	80	25	1610	2	90	38	1615	4
*45	140.7	136.55	70	25	1210	1	80	25	1610	2				
*57	176.9	172.91	70	25	1210	6	80	25	1610	7				
*76	234.9	230.49	70	25	1210	6	80	25	1610	7				
*95	292.5	288.08	80	25	1210	6	90	25	1610	7				
*114	349.5	345.68	80	25	1210	6	95	38	1615	7				

## 08B-1-2-3

Pinions	mm
Tooth radius r	13
Radius width C	1.3
Tooth width h1	7.2
Tooth width L	7
Tooth width h2	21
Tooth width h3	34.9

Chain	mm
Pitch	12.7
Internal width	7.75
Roller	8.51
Steel: C45	
*Cast iron = G22 cast iron with black phosphated	

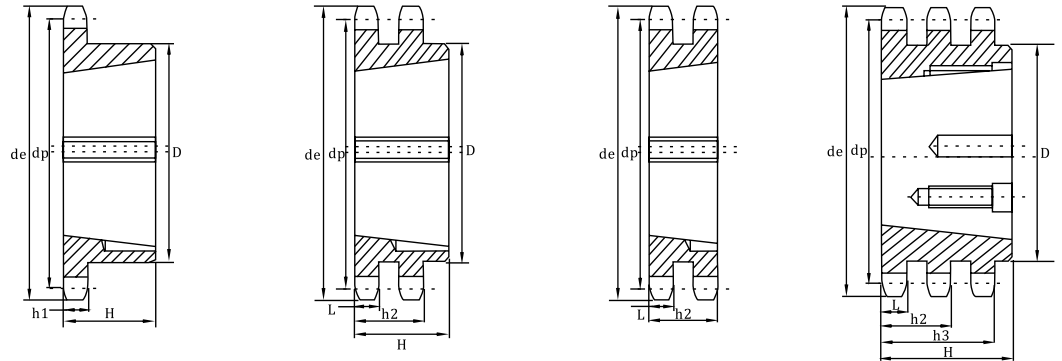


Teeth	de	dp	Simplex				Duplex				Triplex			
			D	H	for Bush	Type	D	H	for Bush	Type	D	H	for Bush	Type
15	65.5	61.09	45	22	1008	1	46	22	1008	2	-	34.9	1008	5
17	73.6	69.11	60	25	1210	1	56	25	1210	2	-	34.9	1210	5
19	81.7	77.16	63	25	1210	1	62	25	1210	2	-	34.9	1210	5
21	89.7	85.22	71	25	1610	1	70	25	1610	2	-	34.9	1610	5
23	98.2	93.27	76	25	1610	1	79	25	1610	2	-	34.9	1610	5
25	105.8	101.33	76	25	1610	1	87	32	2012	2	-	34.9	2012	5
27	114.0	109.40	76	25	1610	1	87	32	2012	2	-	34.9	2012	5
30	126.1	121.50	90	32	2012	1	87	32	2012	2	-	34.9	2012	5
*38	158.6	153.80	90	32	2012	1	100	32	2012	2	-	34.9	2012	5
*45	188.0	182.07	100	32	2012	1	100	32	2012	2	-	34.9	2012	5
*57	236.4	230.54	100	32	2012	6	100	32	2012	7				
*76	313.3	307.33	100	32	2012	6	100	32	2012	7				
*95	390.1	384.11	100	32	2012	6	100	32	2012	7				
*114	466.9	460.90	110	45	2517	6	110	45	2517	7				
23	123.4	116.58	76	25	1610	1	-	25.5	1610	3	-	42.1	2012	5
25	134.0	126.66	90	32	2012	1	90	32	2012	2	105	45	2517	4
27	144.0	136.75	90	32	2012	1	90	32	2012	2	110	45	2517	4
30	158.8	151.87	90	32	2012	1	90	32	2012	2	120	45	2517	4
*38	199.2	192.24	100	32	2012	1								
*45	235.0	227.58	100	32	2012	6								
*57	296.0	288.18	100	32	2012	6								
*76	392.1	384.16	100	32	2012	6								
*95	488.5	480.14	110	45	2517	6								
*114	584.1	576.13	110	45	2517	6								

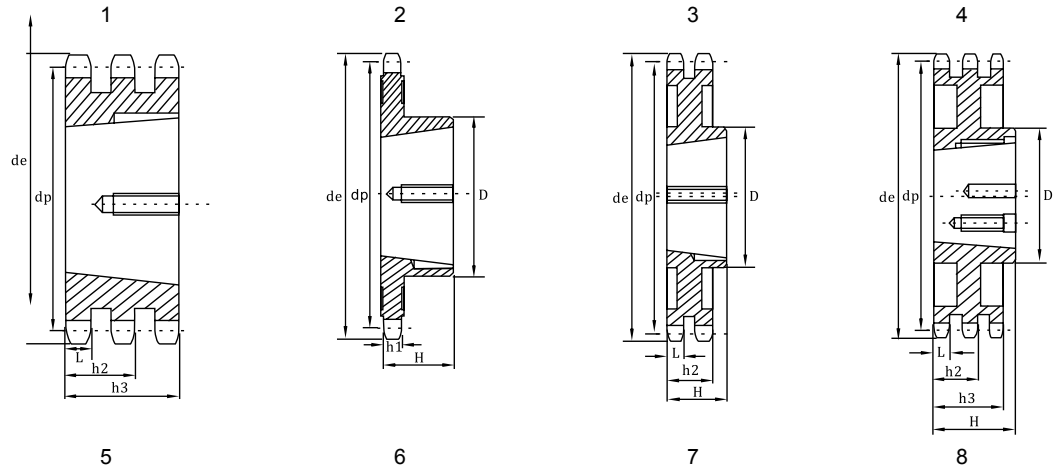


## 10B-1-2-3

Pinions	mm
Tooth radius r	16
Radius width C	1.6
Tooth width h1	9.1
Tooth width L	9
Tooth width h2	25.5
Tooth width h3	42.1



Chain	mm
Pitch	15.875
Internal width	9.65
Roller	10.16
Steel: C45	
*Cast iron = G22 cast iron with black phosphated	

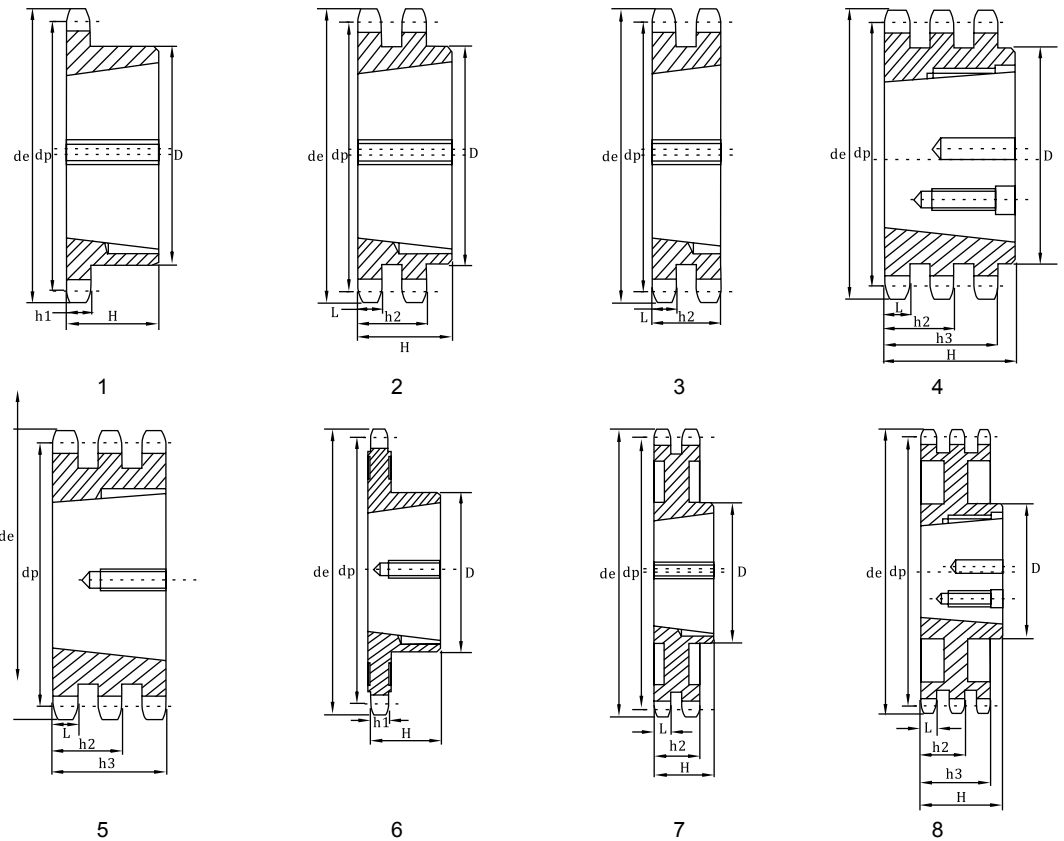


Teeth	de	dp	Simplex				Duplex				Triplex				
			D	H	for Bush	Type	D	H	for Bush	Type	D	H	for Bush	Type	
13	73.0	66.32	47	22	1008	1									
15	83.0	76.36	60	25	1210	1	-	25.5	1210	3	-	42.1	1210	5	
17	93.0	86.36	71	25	1610	1	-	25.5	1610	3	-	42.1	1210	5	
19	103.3	96.45	75	25	1610	1	-	25.5	1610	3	-	42.1	1615	5	
21	113.4	106.52	76	25	1610	1	-	25.5	1610	3	-	42.1	1615	5	
23	123.4	116.58	76	25	1610	1	-	25.5	1610	3	-	42.1	2012	5	
25	134.0	126.66	90	32	2012	1	90	32	2012	2	105	45	2517	4	
27	144.0	136.75	90	32	2012	1	90	32	2012	2	110	45	2517	4	
30	158.8	151.87	90	32	2012	1	90	32	2012	2	120	45	2517	4	
*38	199.2	192.24	100	32	2012	1									
*45	235.0	227.58	100	32	2012	6									
*57	296.0	288.18	100	32	2012	6									
*76	392.1	384.16	100	32	2012	6									
*95	488.5	480.14	110	45	2517	6									
*114	584.1	576.13	110	45	2517	6									

## 12B-1-2-3

Pinions	mm
Tooth radius r	19
Radius width C	2
Tooth width h1	11.1
Tooth width L	10.8
Tooth width h2	30.3
Tooth width h3	49.8

Chain	mm
Pitch	19.05
Internal width	11.68
Roller	12.07
Steel: C45	
*Cast iron = G22 cast iron with black phosphate	



Teeth	de	dp	Simplex				Duplex				Triplex				
			D	H	for Bush	Type	D	H	for Bush	Type	D	H	for Bush	Type	
13	87.5	79.59	60	25	1210	1									
15	99.8	91.63	70	25	1610	1	-	30.3	1610	3	-	49.8	1615	5	
17	111.5	103.67	76	25	1610	1	-	30.3	1610	3	-	49.8	1615	5	
19	124.2	115.75	90	32	2012	1	90	32	2012	2	-	49.8	2012	5	
21	136.0	127.82	102	45	2517	1	108	45	2517	2	-	49.8	2517	5	
23	149.0	139.90	108	45	2517	1	108	45	2517	2	-	49.8	2517	5	
25	160.0	152.00	108	45	2517	1	108	45	2517	2	-	49.8	2517	5	
27	172.3	164.00	108	45	2517	1	108	45	2517	2	140	51	3020	4	
30	190.5	182.25	108	45	2517	1	108	45	2517	2	140	51	3020	4	
38	239.0	230.69	108	45	2517	1	140	51	3020	2	140	51	3020	4	
45	282.5	273.10	108	45	2517	6	140	51	3020	7	140	51	3020	8	
*57	355.4	345.81	108	45	2517	6	140	51	3020	7	140	51	3020	8	
*76	469.9	460.99	108	45	2517	6	140	51	3020	7	140	51	3020	8	
*95	585.1	576.17	108	45	2517	6	140	51	3020	7	140	76	3030	8	
*114	700.6	691.36	108	64	2525	6	140	76	3030	7	140	76	3030	8	

The reverse entry design of the taper lock sprocket enables quick and easy installation and removal of the bush, significantly reducing maintenance time. This streamlined process makes it an ideal choice for operations that require frequent adjustments.



Pitch	Part Number	Bush Size
O8B (1/2" Pitch)	08B-1-15RT/L	1008
	08B-1-17RT/L	1210
	08B-1-19RT/L	1210
	08B-1-21RT/L	1610
	08B-1-23RT/L	1610
	08B-1-25RT/L	1610
	08B-1-27RT/L	1610
	08B-1-30RT/L	2012
	08B-1-38RT/L	2012
	10B (5/8 Pitch)	10B-1-13RT/L
10B-1-15RT/L		1210
10B-1-17RT/L		1610
10B-1-19RT/L		1610
10B-1-21RT/L		1610
10B-1-23RT/L		1610
10B-1-25RT/L		2012
10B-1-27RT/L		2012
10B-1-30RT/L		2012
10B-1-38RT/L		2012
12B (3/4 Pitch)	12B-1-13RT/L	1210
	12B-1-15RT/L	1610
	12B-1-17RT/L	1610)
	12B-1-19RT/L	2012
	12B-1-21RT/L	2517
	12B-1-23RT/L	2517
	12B-1-25RT/L	2517
	12B-1-27RT/L	2517
	12B-1-30RT/L	2517
	12B-1-38RT/L	2517
16B (1" Pitch)	16B-1-13RT/L	1615
	16B-1-15RT/L	1615
	16B-1-17RT/L	2012
	16B-1-19RT/L	2517
	16B-1-21RT/L	2517
	16B-1-23RT/L	2517
	16B-1-25RT/L	2517
	16B-1-27RT/L	2517
	16B-1-30RT/L	2517
	16B-1-38RT/L	3020

Refer to standard taper lock sprocket specifications for dimensions.

# Weld Fit Sprockets & Hubs

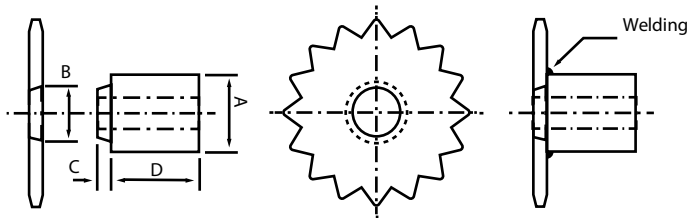
Suitable for low to medium volume applications the weld fit sprockets are manufactured by welding a sprocket plate to a custom hub, allowing for a wide range of bore sizes and tooth counts.

Weld fit sprockets are commonly used in applications where a standard sprocket does not fit the requirements. The welding process allows for a quick turnaround on custom orders.

When selecting a weld fit sprocket, consider the chain pitch, number of teeth, bore size, and hub dimensions needed for your application.

Sprockets come standard with induction hardened teeth for maximum service life.

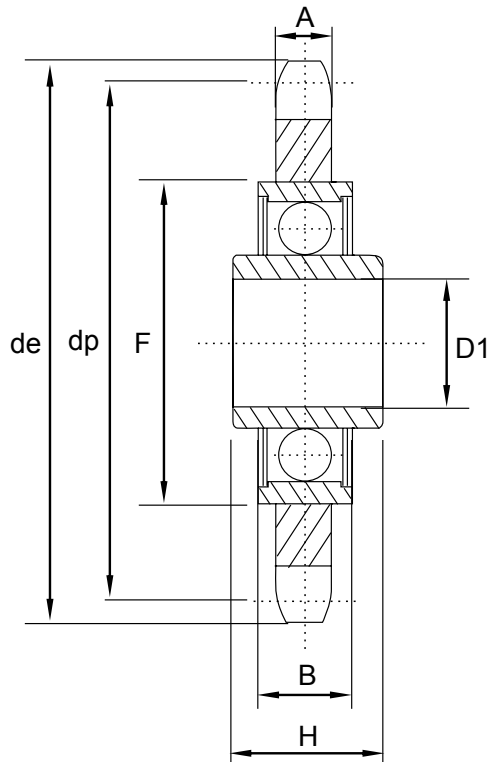
- ▶ 24 Standard Bore sizes to suit 135 sprockets, ready for installation in minutes.
- ▶ Welding with low hydrogen electrodes is recommended.
- ▶ Keyways conform to BS 46 (imperial) and BS 4235 (metric).



	VT		WT		XT	
A	34mm	(1-5/16)	45mm	(1-3/4)	62mm	(2-7/16)
B	30mm	(1-3/16)	41mm	(1-5/8)	57mm	(2-1/4)
C	12mm	(1/2)	12mm	(1/2)	12mm	(1/2)
D	18mm	(11/16)	25mm	(15/16)	25mm	(15/16)

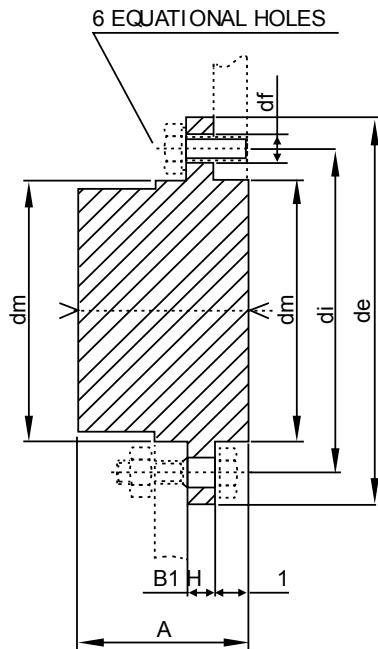
No. of Teeth	08BS 1/2" Pitch	BS 10B 5/8" Pitch	BS 12B 3/4" Pitch	BS 16B 1" Pitch
11	-	-	60WT11HT	-
12	08V12HT	50WT12HT	60WT12HT	80XT12HT
13	08V13HT	50WT13HT	60WT13HT	80XT13HT
14	08V14HT	50WT14HT	60WT14HT	80XT14HT
15	08V15HT	50WT15HT	60XT15HT	80XT15HT
16	08WT16HT	50WT16HT	60XT16HT	80XT16HT
17	08WT17HT	50XT17HT	60XT17HT	80XT17HT
18	08WT18HT	50XT18HT	60XT18HT	80XT18HT
19	08WT19HT	50XT19HT	60XT19HT	80XT19HT
20	08XT20HT	50XT20HT	60XT20HT	80XT20HT
21	08XT21HT	50XT21HT	60XT21HT	80XT21HT
22	08XT22HT	50XT22HT	60XT22HT	80XT22HT
23	08XT23HT	50XT23HT	60XT23HT	80XT23HT
24	08XT24HT	50XT24HT	60XT24HT	80XT24HT
25	08XT25HT	50XT25HT	60XT25HT	80XT25HT
26	08XT26HT	50XT26HT	60XT26HT	80XT26HT
27	08XT27HT	50XT27HT	60XT27HT	80XT27HT
28	08XT28HT	50XT28HT	60XT28HT	80XT28HT
29	08XT29HT	50XT29HT	60XT29HT	80XT29HT
30	08XT30HT	50XT30HT	60XT30HT	80XT30HT
32	08XT32HT	50XT32HT	60XT32HT	80XT32HT
34	08XT34HT	50XT34HT	60XT34HT	80XT34HT
36	08XT36HT	50XT36HT	60XT36HT	80XT36HT
38	08XT38HT	50XT38HT	60XT38HT	80XT38HT
40	08XT40HT	50XT40HT	60XT40HT	80XT40HT
45	08XT45HT	50XT45HT	60XT45HT	80XT45HT
57	08XT57HT	50XT57HT	60XT57HT	80XT57HT
76	08XT76HT	50XT76HT	60XT76HT	80XT76HT

Bore					
Inch	mm	Inch	mm	Inch	mm
1/2	12	1/2	12	1/2	12
-	14	-	14	-	14
5/8	15	5/8	15	5/8	15
-	-	-	16	-	16
3/4	-	3/4	17	3/4	18
-	19	-	18	-	19
7/8	20	7/8	19	7/8	20
-	-	1	20	1	24
-	-	-	24	-	25
-	-	1-1/8	25	1-1/8	28
-	-	-	28	-	30
-	-	1-1/4	30	1-1/4	32
-	-	-	32	-	35
-	-	-	-	1-3/8	38
-	-	-	-	-	40
-	-	-	-	1-1/2	42
-	-	-	-	1-5/8	45
-	-	-	-	1-3/4	-



Z	Pitch	de	dp	A	D1	F	B	H	Bearing
23	8×3"	62.15	58.75	2.8	16	40	12	18.3	203 KRR
21	3/8"×7/32"	68.0	63.90	5.3	16	40	12	18.3	203 KRR
18	1/2"×1/8"	78.9	73.14	3	16	40	12	18.3	203 KRR
18	1/2"×3/16"	78.9	73.13	4.5	16	40	12	18.3	203 KRR
16	1/2"×5/16"	69.5	65.10	7.2	16	40	12	18.3	203 KRR
18	1/2"×5/16"	77.8	73.14	7.2	16	40	12	18.3	203 KRR
14	5/8"×3/8"	78.0	71.34	9.1	16	40	12	18.3	203 KRR
15	5/8"×3/8"	83.0	76.36	9.1	16	40	12	18.3	203 KRR
17	5/8"×3/8"	93.0	86.39	9.1	16	40	12	18.3	203 KRR
13	3/4"×7/16"	87.5	79.59	11.1	16	40	12	18.3	203 KRR
15	3/4"×7/16"	99.8	91.63	11.1	16	40	12	18.3	203 KRR
12	1"×17.02	109.0	98.14	16.2	20	47	14	17.7	204 KRR
13	1"1/4×3/4"	147.8	132.65	18.5	25	52	15	21.0	205 KRR

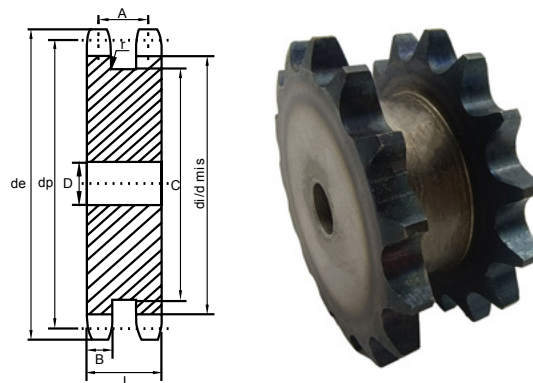
## Disassembling Hubs For Plate Wheel Sprockets



Nr.	$d_e$	$d_i$	$D_{h9}$ $m$	$A$	$D_f$	$B1$	$H1$
30	55	45	30	20.0	4.2	4	3.0
40	70	58	40	25.0	5.2	5	5.2
50	80	67	50	32.0	6.2	7	7.0
60	90	76	60	38.5	6.2	7	8.7
70	110	94	70	45.5	8.2	8	10.5
80	130	107	80	55.0	8.2	12	15.0
100	170	140	100	73.0	10.2	17	23.0
140	220	182	140	83.0	12.2	20	23.0
160	245	205	160	93.0	16.5	25	25.0

The double single sprockets are designed to accommodate two single-strand chains running parallel on separate teeth sets. This unique configuration ensures efficient power distribution across multiple shafts, ideal for complex systems requiring synchronized movement.

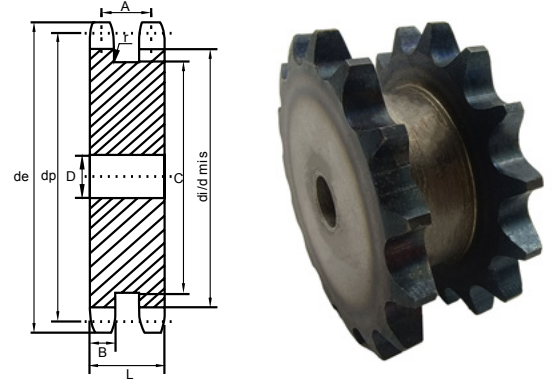
Manufactured from high-quality materials, these sprockets deliver long-lasting performance and reliability. Running odd number of teeth is normally acceptable. However on double row sprockets this can dramatically reduce chain life. The chordal action of the chain increases dramatically on odd toothed sprockets. This action literally applies and relaxes load on the chain each revolution, which increases the wear and fatigue on the chain.



Type	Code	Teeth	Outside Diameter de	Pitch Diameter dp	di	dmis	Standard Bore D	A	Max Bore D	B	Hub Dia C max L	LTB	Weight (kg)
3/8	06B-DR/013	13	43	39.80	33.45	33.16	10	20.3	24	5.3	28	25.5	0.43
	06B-DR/015	15	49.3	45.81	39.46	39.21	10	20.3	24	5.3	34	25.5	0.58
	06B-DR/017	17	55.3	51.84	45.49	45.27	12	20.3	24	5.3	40	25.5	0.75
	06B-DR/019	19	61.3	57.87	51.52	51.32	12	20.3	24	5.3	46	25.5	0.96
	06B-DR/021	21	68	63.91	57.56	57.38	15	20.3	24	5.3	52	25.5	1.18
	06B-DR/023	23	73.5	69.95	63.60	63.44	15	20.3	24	5.3	59	25.5	0.80
	06B-DR/025	25	80	76.00	69.65	69.50	15	20.3	24	5.3	65	25.5	1.11
1/2	08B-DR/013	13	57.4	53.07	44.56	44.17	10	24.8	27	7.2	37	32	1.43
	08B-DR/014	14	61.8	57.07	48.57	48.21	12	24.80	27	7.20	41	31	2.02
	08B-DR/015	15	65.5	61.08	52.57	52.24	12	24.8	30.50	7.2	45	32	2.20
	08B-DR/016	16	69.5	65.10	56.59	56.28	12	24.80	34	7.20	49	31	1.46
	08B-DR/017	17	73.6	69.12	60.61	60.31	12	24.8	36.00	7.2	53	32	1.94
	08B-DR/018	18	77.8	73.14	64.63	64.35	12	24.80	38	7.20	58	31	2.50
	08B-DR/019	19	81.7	77.16	68.65	68.39	12	24.8	41.00	7.2	62	32	3.17
	08B-DR/020	20	85.8	81.19	72.68	72.43	12	24.80	44	7.20	66	31	4.00
	08B-DR/021	21	89.7	85.21	76.71	76.46	15	24.8	47	7.2	70	32	3.75
	08B-DR/022	22	93.8	89.24	80.74	80.50	12	24.80	50	7.20	74	31	5.00
	08B-DR/023	23	98.2	93.27	84.76	84.54	15	24.8	53	7.2	78	32	6.56
08B-DR/025	25	105.8	101.33	92.82	92.62	15	24.8	56	7.2	86	32	8.29	
5/8	10B-DR/013	13	73	66.33	56.17	55.69	15	27.9	59	9.1	48	37	10.25
	10B-DR/014	14	78.0	71.34	61.18	60.74	19	27.90	36	9.10	55	36.5	
	10B-DR/015	15	83	76.35	66.19	65.78	15	27.9	39.50	9.1	58	37	
	10B-DR/016	16	88.0	81.37	71.21	70.83	19	27.90	43	9.10	65	36.5	
	10B-DR/017	17	93	86.39	76.23	75.87	15	27.9	46.50	9.1	68	37	
	10B-DR/018	18	98.3	91.42	81.26	80.92	19	27.90	50	9.10	75	36.5	
	10B-DR/019	19	103.3	96.45	86.29	85.96	19	27.9	54.00	9.1	79	37	
	10B-DR/020	20	108.4	101.49	91.32	91.01	19	27.90	58	9.10	85	36.5	
	10B-DR/021	21	113.4	106.51	96.35	96.06	19	27.9	62	9.1	89	37	
	10B-DR/022	22	118.0	111.55	101.39	101.11	19	27.90	66	9.10	94	36.5	
	10B-DR/023	23	123.4	116.59	106.43	106.15	19	27.9	70	9.1	99	37	
10B-DR/025	25	134	126.66	116.50	116.25	19	27.9	74	9.1	109	37		

The double single sprockets are designed to accommodate two single-strand chains running parallel on separate teeth sets. This unique configuration ensures efficient power distribution across multiple shafts, ideal for complex systems requiring synchronized movement.

Manufactured from high-quality materials, these sprockets deliver long-lasting performance and reliability. Running odd number of teeth is normally acceptable. However on double row sprockets this can dramatically reduce chain life. The chordal action of the chain increases dramatically on odd toothed sprockets. This action literally applies and relaxes load on the chain each revolution, which increases the wear and fatigue on the chain.



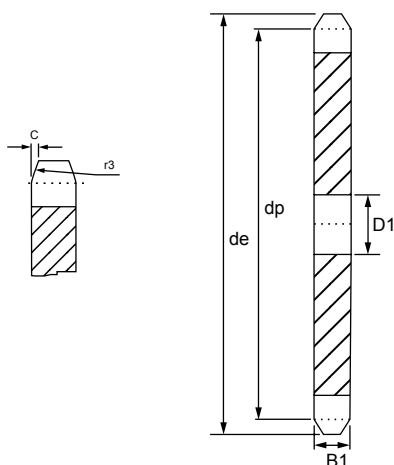
Type	Code	Teeth	Outside Diameter de	Pitch Diameter dp	di	dmis	Standard Bore D	A	Max Bore D	B	Hub Dia C max L	LTB	Weight (kg)
3/4	12B-DR/013	13	87.5	79.60	67.53	66.95	20	33.9	39	11.1	59	45	
	12B-DR/014	14	93.6	85.61	146.49	146.49	24	33.90	43	11.10	65	45	
	12B-DR/015	15	99.8	91.63	79.56	79.05	20	33.9	47.00	11.1	71	45	
	12B-DR/016	16	105.5	97.65	146.49	146.49	24	33.90	51	11.10	77	45	
	12B-DR/017	17	111.5	103.67	91.60	91.18	20	33.9	55.00	11.1	83	45	
	12B-DR/018	18	118.0	109.71	146.49	146.49	24	33.90	59	11.10	89	45	
	12B-DR/019	19	124.2	115.74	103.67	103.27	20	33.9	62.50	11.1	95	45	
	12B-DR/020	20	129.7	121.78	146.49	146.49	24	33.90	66	11.10	101	45	
	12B-DR/021	21	136	127.82	115.75	115.39	24	33.9	69.5	11.1	107	45	
	12B-DR/022	22	141.8	133.86	146.49	146.49	24	33.90	73	11.10	TBA	45	
	12B-DR/023	23	149	139.90	127.83	127.51	24	33.9	70.5	11.1	119	45	
12B-DR/025	25	160	151.99	139.92	139.62	24	33.9	74	11.1	131	45		
1	16B-DR/013	13	117	106.14	90.26	89.48	24	47.8	71.5	16.2	78	64	
	16B-DR/014	14	125.0	114.15	98.28	97.55	25	47.80	58	16.20	88	63.5	
	16B-DR/015	15	133	122.17	106.29	105.62	24	47.8	63.50	16.2	95	64	
	16B-DR/016	16	141.0	130.20	114.32	113.69	25	47.80	69	16.20	104	63.5	
	16B-DR/017	17	149	138.23	122.35	121.76	24	47.8	74.50	16.2	111	64	
	16B-DR/018	18	157.0	146.28	130.40	129.84	25	48	80	16.20	121	63.5	
	16B-DR/019	19	165.2	154.32	138.44	137.91	24	47.8	85.00	16.2	127	64	
	16B-DR/020	20	173.2	162.38	146.49	145.99	25	47.80	90	16.20	137	63.5	
	16B-DR/021	21	181.2	170.42	154.54	154.06	24	47.8	95	16.2	143	64	
	16B-DR/022	22	189.3	178.48	162.59	162.13	25	48	100	8.10	TBA	63.5	



## 20 x 16mm

Pinions	mm
Tooth radius r	20
Radius width C	1.7
Tooth width B1	14.5

Chain	mm
Pitch	20
Internal width	16
Roller	12

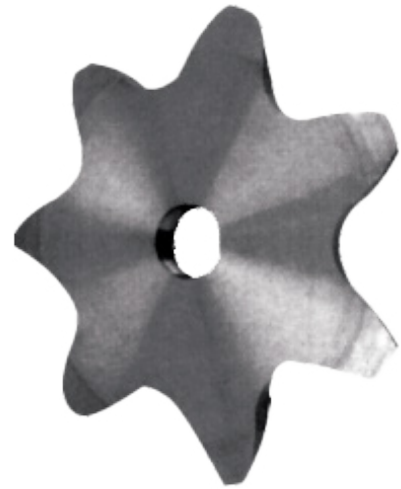
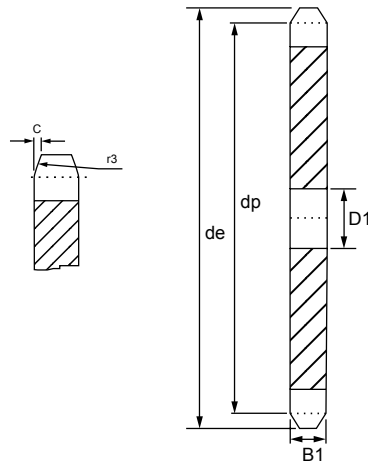


Teeth	de	dp	S
			D1
12	85.7	77.28	14
14	98.3	89.88	14
15	104.6	96.18	14
16	110.9	102.52	16
17	117.2	108.82	16
19	129.9	121.52	16
20	136.2	127.84	16
21	142.6	134.18	20
23	155.3	146.88	20
26	174.3	165.92	20
27	180.7	172.27	20
35	231.5	223.12	20
38	250.6	242.18	25
39	256.9	248.54	25
40	263.3	254.92	25

## 30 x 17.02mm

Pinions	mm
Tooth radius r	27
Radius width C	2.2
Tooth width B1	15.8

Chain	mm
Pitch	30
Internal width	17.02
Roller	15.88



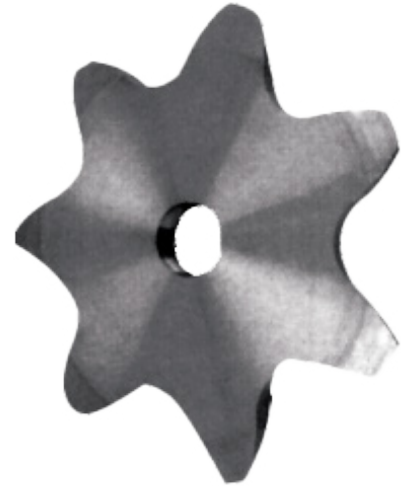
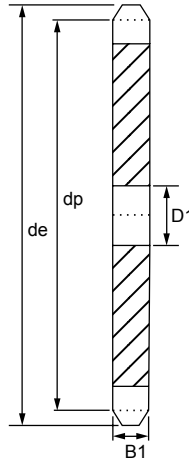
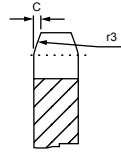
Teeth	de	dp	S
			D1
11	117.4	106.48	20
12	126.9	115.91	20
13	137.3	125.36	20
15	156.2	144.29	20
17	175.2	163.27	20
21	213.2	201.29	25
22	222.8	210.80	25
23	232.3	220.32	25
27	270.4	258.41	25
30	299.0	287.00	25
38	375.2	363.27	30

## P50 - R25-28-31

Chain	mm
Pitch	50
Internal width	11.5
Roller	25
Tooth width B1	10.5

Chain	mm
Pitch	50
Internal width	15
Roller	28
Tooth width B1	13.5

Chain	mm
Pitch	50
Internal width	15
Roller	31
Tooth width B1	13.5

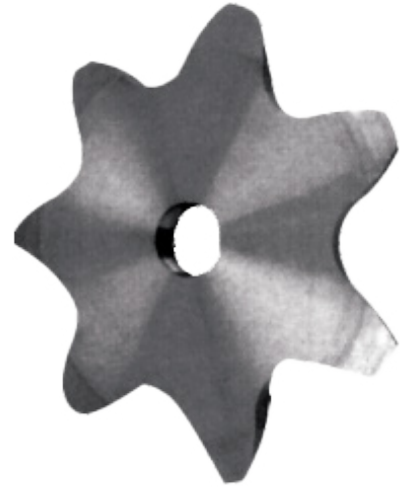
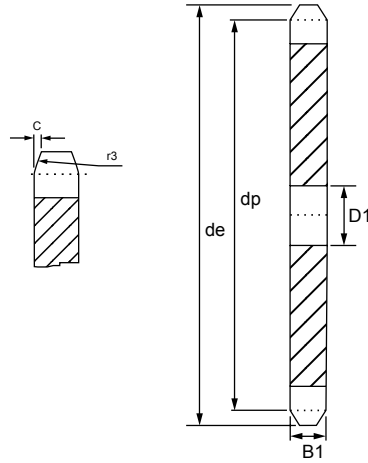


Teeth	Roller 25			Roller 28			Roller 31		
	de	dp	D1	de	dp	D1	de	dp	D1
6	115.0	100.00	20				116.2	100.00	20
7	132.7	115.24	20				133.8	115.24	20
8	158.1	130.60	25	150.2	130.60	25	152.3	130.60	25
9	163.7	146.20	25				167.9	146.20	25
10	179.3	161.85	25	181.4	161.85	25	183.5	161.85	25
11	195.0	177.50	25				199.2	177.50	25
12	211.0	193.20	25				212.0	193.20	25
13	226.4	208.95	30				230.6	208.95	30
14	242.2	224.70	30	244.3	244.70	30	246.4	224.70	30
15	257.9	240.45	30	260.0	240.45	30	262.1	240.45	30
16	273.8	256.30	30				278.0	256.30	30
17	289.5	272.05	30				293.7	272.05	30
18	305.4	287.95	30	307.5	287.95	30	309.6	287.95	30
19	321.3	303.80	30				325.5	303.80	30
20	337.1	319.60	30				341.3	319.60	30
21	352.9	335.45	30				357.1	335.45	30
22				370.9	351.35	30	373.0	351.35	30
23							388.9	367.20	30
24	400.0	383.05	30	402.6	383.05	30	404.7	383.05	30
25	416.4	398.95	30				419.7	398.95	30
26	432.3	414.80	30				436.5	414.80	30
27	448.2	430.70	30				452.4	430.70	30
28	464.0	446.55	30				468.2	446.55	30
29	480.0	462.50	30						
30	495.8	478.35	30						
32							431.8	510.10	30
35							579.5	557.80	30
38	622.9	605.45	30				622.0	605.45	30

**P75 - R25-31**

Chain	mm
Pitch	75
Internal width	11.5
Roller	25
Tooth width B1	10.5

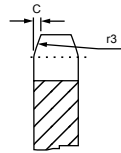
Chain	mm
Pitch	75
Internal width	15
Roller	31
Tooth width B1	13.5



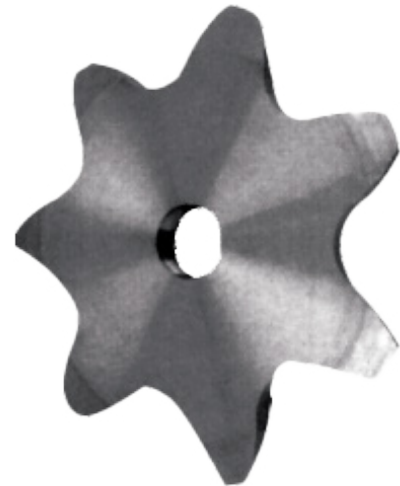
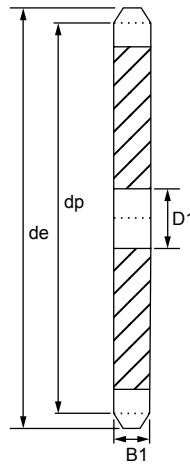
Teeth	Roller 25			Roller 31		
	$d_e$	$d_p$	D1	$d_e$	$d_p$	D1
8	213.4	195.98	30	217.6	195.98	30
9	236.8	219.30	30	241.0	219.30	30
10	260.2	242.77	30	264.4	242.77	30
11	283.7	266.25	30	287.9	266.25	30
12	307.3	289.80	30	311.5	289.80	30
13	330.9	313.42	30	334.1	313.42	30
14				358.7	337.05	30
15	378.1	360.67	30	382.3	360.67	30
16	401.9	384.45	30	406.1	384.45	30
17				419.7	408.07	30
20	496.9	479.40	30			
21				524.8	503.17	30
25	615.9	598.42	30	620.1	598.42	30

## P100 - R25-31-40

Chain	mm
Pitch	100
Internal width	11.5
Roller	25
Tooth width B1	10.5



Chain	mm
Pitch	100
Internal width	15
Roller	31
Tooth width B1	13.5

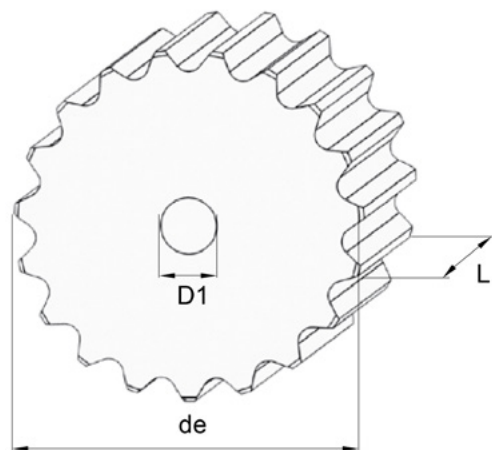


Chain	mm
Pitch	100
Internal width	22
Roller	40
Tooth width B1	20

Teeth	Roller 25			Roller 31			Roller 40		
	de	dp	D1	de	dp	D1	de	dp	D1
8	278.7	261.31	30	282.9	261.31	30	283.0	261.31	30
9				314.1	292.40	30	314.0	292.40	30
10	341.2	323.61	30	345.4	323.61	30	345.0	323.61	30
11	372.5	345.95	30	376.7	354.95	30	378.0	354.95	30
12	403.9	386.40	30	408.1	386.40	30	409.0	386.40	30
13				439.6	417.90	30			
14				471.1	449.40	30	473.0	449.40	30
15				502.6	480.90	30			
16				534.3	512.60	30	536.0	512.60	30
17				565.8	544.10	30			
18				597.6	575.90	30			
19									
20							663.0	639.20	30

Chain	mm
Pitch	75
Internal width	11.5
Roller	25
Tooth width B1	10.5

Chain	mm
Pitch	75
Internal width	15
Roller	31
Tooth width B1	13.5



Z	de	D1	L
13	78.98	15	43.5
15	93.67	15	43.5
17	105.47	20	43.5
19	117.34	20	43.5
21	129.26	20	43.5
23	141.22	20	43.5
25	153.21	20	43.5
27	165.20	20	43.5
29	177.24	20	43.5
31	189.28	20	43.5

# American Standard Sprockets

Sprocket, sprocket-wheel or chain wheel are gear-like toothed cogs that mesh with chains, tracks or conveyors to provide motion and are an integral part of any power transmission mechanism.

The ANSI Standard sprockets are engineered in accordance with ISO 9000, DIN 8187 and ISO/R606 standards and come complete with induction hardened teeth, improving the sprockets resistance to wear and increasing the sprockets working life.

## Our range

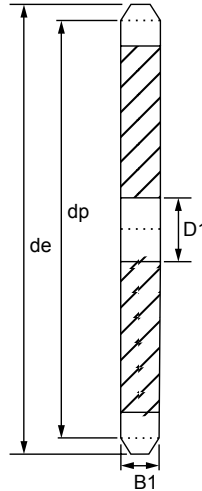
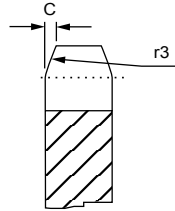
- ▶ Type A Plate Wheel Sprockets
- ▶ Type B & C Pilot Bore Sprockets
- ▶ Taper Lock Sprockets
- ▶ Weld Fit Sprockets & Hubs



# Type A - Plate Wheel Sprockets

## No. 25

Pinions	inches
Pitch	1/4"
Roller	0.130"
Tooth width B1	0.110"



## Single-Type A

Teeth	De	Type	Number	D1	W (kg)eight Lbs. (Approx.)	Number
9	0.837					25B09
10	0.919					25B10
11	1.002					25B11
12	1.083					25B12
13	1.167					25B13
14	1.246					25B14
15	1.326					25B15
16	1.407					25B16
17	1.487					25B17
18	1.568	A	25A18	1/4	.04	25B18
19	1.648	A	25A19	1/4	.04	25B19
20	1.729	A	25A20	1/4	.04	25B20
21	1.809	A	25A21	3/8	.04	25B21
22	1.889	A	25A22	3/8	.06	25B22
23	1.969	A	25A23	3/8	.06	25B23
24	2.049	A	25A24	3/8	.08	25B24
25	2.129	A	25A25	3/8	.08	25B25
26	2.209	A	25A26	3/8	.09	25B26
28	2.369	A	25A28	3/8	.10	25B28
30	2.529	A	25A30	3/8	.12	25B30
32	2.688	A	25A32	3/8	.14	25B32
35	2.928	A	25A35	3/8	.16	
36	3.008	A	25A36	3/8	.18	25B36
40	3.327	A	25A40	1/2	.20	25B40
42	3.486	A	25A42	1/2	.24	
45	3.725	A	25A45	1/2	.25	25B45
48	3.964	A	25A48	1/2	.32	25B48
54	4.442	A	25A54	1/2	.38	25B54
60	4.920	A	25A60	1/2	.54	25B60
70	5.717					25B70
72	5.876	A	25A72	1/2	.74	25B72

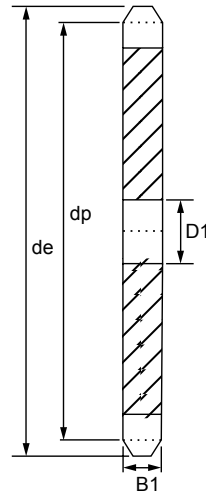
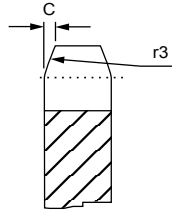
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at angle to keyseat.



## No. 35

Pinions	inches
Pitch	3/8"
Roller	0.200"
Tooth width B1	0.168"



## Single-Type A

Teeth	De	Type	Number	112	D1	13.590W (kg)eight Lbs. (Approx.)	A	Number	35A112
8	1.130							35B08	
9	1.260							35B09	
10	1.380							35B10	
11	1.500							35B11	
12	1.630							35B12	
13	1.750							35B13	
14	1.870							35B14	
15	1.990	A	35A15		1/2	.10		35B15	
16	2.110	A	35A16		1/2	.12		35B16	
17	2.230	A	35A17		1/2	.12		35B17	
18	2.350	A	35A18		1/2	.14		35B18	
19	2.470	A	35A19		1/2	.16		35B19	
20	2.590	A	35A20		1/2	.20		35B20	
21	2.710	A	35A21		1/2	.20		35B21	
22	2.830	A	35A22		1/2	.22		35B22	
23	2.950	A	35A23		1/2	.24		35B23	
24	3.070	A	35A24		1/2	.26		35B24	
25	3.190	A	35A25		1/2	.28		35B25	
26	3.310	A	35A26		1/2	.28		35B26	
27	3.430	A	35A27		1/2	.34		35B27	
28	3.550	A	35A28		1/2	.34		35B28	
30	3.790	A	35A30		1/2	.46		35B30	
32	4.030	A	35A32		5/8	.46		35B32	
35	4.390	A	35A35		5/8	.60		35B35	
36	4.510	A	35A36		5/8	.62		35B36	
40	4.990	A	35A40		19/32	.70		35B40	
42	5.230	A	35A42		19/32	.78		35B42	
45	5.590	A	35A45		19/32	.88		35B45	
48	5.950	A	35A48		19/32	1.21		35B48	
54	6.660	A	35A54		19/32	1.32		35B54	
60	7.380	A	35A60		23/32	1.66		35B60	
70	8.580	A	35A70		23/32	2.30		35B70	
72	8.810	A	35A72		23/32	2.56		35B72	
80	9.770	A	35A80		23/32	3.16		35B80	
84	10.250	A	35A84		23/32	3.26		35B84	
96	11.680	A	35A96		23/32	4.64		35B96	

\*Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

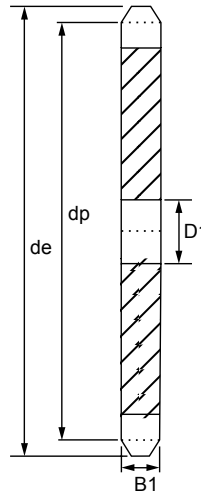
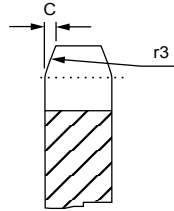
Slightly larger bores are possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at angle to keyseat.

Every effort has been taken to ensure that the data listed in this catalogue is correct. TransDrive will not accept liability for any damage or loss caused as a result of the data in this catalogue.

# Type A - Plate Wheel Sprockets

## No. 40

Pinions	inches
Pitch	1/2"
Roller	0.312"
Tooth width B1	0.284"



### Single-Type A

Teeth	De	Type	Number	D1	W (kg)eight Lbs. (Approx.)
8	1.500				
9	1.670				
10	1.840				
11	2.000				
12	2.170	A	40A12	1/2	.18
13	2.330	A	40A13	1/2	0.22
14	2.490	A	40A14	1/2	0.26
15	2.650	A	40A15	5/8	0.30
16	2.810	A	40A16	5/8	0.34
17	2.980	A	40A17	5/8	0.36
18	3.140	A	40A18	5/8	0.44
19	3.300	A	40A19	5/8	0.46
20	3.460	A	40A20	5/8	0.56
21	3.620	A	40A21	5/8	0.58
22	3.780	A	40A22	5/8	0.66
23	3.940	A	40A23	5/8	0.72
24	4.100	A	40A24	5/8	0.82
25	4.260	A	40A25	5/8	0.88
26	4.420	A	40A26	5/8	0.94
27	4.580	A	40A27	5/8	0.98
28	4.740	A	40A28	5/8	1.10
29	4.900	A	40A29	19/32	1.22
30	5.060	A	40A30	19/32	1.26
31	5.220	A	40A31	19/32	1.40
32	5.380	A	40A32	19/32	1.48
33	5.540	A	40A33	19/32	1.56
34	5.700	A	40A34	19/32	1.64
35	5.860	A	40A35	19/32	1.70
36	6.020	A	40A36	19/32	1.84
37	6.180	A	40A37	19/32	1.92

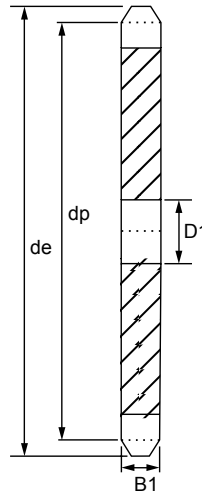
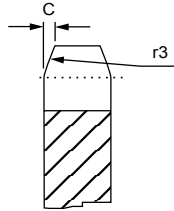
\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bore sare possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at keyseat.

## No. 40

Pinions	inches
Pitch	1/2"
Roller	0.312"
Tooth width B1	0.284"



## Single-Type A

Teeth	De	Type	Number	D1	W (kg)eight Lbs. (Approx.)
38	6.330	A	40A38	19/32	2.00
39	6.490	A	40A39	19/32	2.02
40	6.650	A	40A40	23/32	2.22
41	6.810	A	40A41	23/32	2.42
42	6.970	A	40A42	23/32	2.50
43	7.130	A	40A43	23/32	2.80
44	7.290	A	40A44	23/32	2.85
45	7.450	A	40A45	23/32	3.15
46	7.610	A	40A46	23/32	3.26
47	7.770	A	40A47	23/32	3.22
48	7.930	A	40A48	23/32	3.32
49	8.090	A	40A49	23/32	3.44
50	8.250	A	40A50	23/32	3.62
51	8.410	A	40A51	23/32	3.94
52	8.570	A	40A52	23/32	4.08
53	8.730	A	40A53	23/32	4.04
54	8.890	A	40A54	23/32	4.44
55	9.040	A	40A55	23/32	4.54
56	9.200	A	40A56	23/32	4.84
57	9.360	A	40A57	23/32	5.00
58	9.520	A	40A58	23/32	5.12
59	9.680	A	40A59	23/32	5.30
60	9.840	A	40A60	23/32	5.48
70	11.430	A	40A70	23/32	7.24
72	11.750	A	40A72	23/32	7.74
80	13.030	A	40A80	23/32	10.07
84	13.660	A	40A84	23/32	10.20
96	15.570	A	40A96	15/16	12.15
112	18.120	A	40A112	15/16	20.00

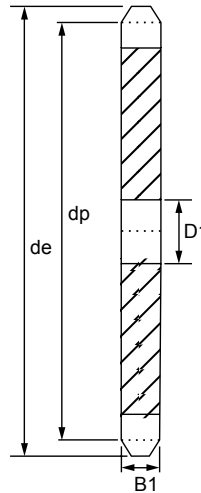
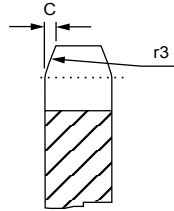
\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bore sare possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at keyseat.

## No. 41

Pinions	inches
Pitch	1/2"
Roller	0.306"
Tooth width B1	0.227"

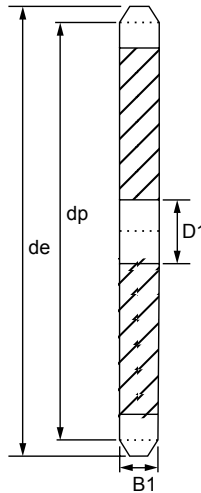
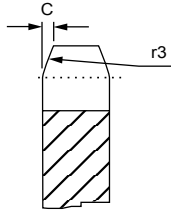


## Single-Type A

Teeth	De	Type	Number	D1	W (kg)eight Lbs. (Approx.)	Number
6	1.170					41B06
7	1.340					41B07
8	1.510					41B08
9	1.670					41B09
10	1.840					41B10
11	2.000					41B11
12	2.170					41B12
13	2.330					41B13
14	2.490					41B14
15	2.650	A	41A15	5/8	.28	41B15
16	2.810	A	41A16	5/8	.34	41B16
17	2.980	A	41A17	5/8	.36	41B17
18	3.140	A	41A18	5/8	.44	41B18
19	3.300	A	41A19	5/8	.46	41B19
20	3.460	A	41A20	5/8	.52	41B20
21	3.620	A	41A21	5/8	.60	41B21
22	3.780	A	41A22	5/8	.66	41B22
23	3.940	A	41A23	5/8	.72	41B23
24	4.100	A	41A24	5/8	.82	41B24
25	4.260	A	41A25	5/8	.88	41B25
26	4.420	A	41A26	5/8	.94	41B26
27	4.580	A	41A27	5/8	1.00	41B27
28	4.740	A	41A28	5/8	1.08	41B28
30	5.060	A	41A30	19/32	1.20	41B30
32	5.380	A	41A32	19/32	1.44	41B32
35	5.860	A	41A35	19/32	1.70	41B35
36	6.020	A	41A36	19/32	1.84	41B36
40	6.650	A	41A40	23/32	2.22	41B40
42	6.970	A	41A42	23/32	2.50	41B42
45	7.450	A	41A45	23/32	2.52	41B45
48	7.930	A	41A48	23/32	2.92	41B48
54	8.890	A	41A54	23/32	3.54	41B54
60	9.840	A	41A60	23/32	4.60	41B60
70	11.430	A	41A70	23/32	6.22	41B70
72	11.750	A	41A72	23/32	6.32	41B72
80	13.030	A	41A80	23/32	8.46	41B80
84	13.660	A	41A84	23/32	9.12	41B84
96	15.570	A	41A96	15/16	11.84	41B96
112	18.120	A	41A112	15/16	15.84	41B112

## No. 50

Pinions	inches
Pitch	5/8"
Roller	0.400"
Tooth width B1	0.343"



## Single-Type A

Teeth	De	Type	Number	D1	W (kg)eight Lbs. (Approx.)
8	1.880	A	50A08		
9	2.090	A	50A09		
10	2.300	A	50A10		
11	2.500	A	50A11		
12	2.710	A	50A12	5/8	0.34
13	2.910	A	50A13	5/8	0.42
14	3.110	A	50A14	5/8	0.50
15	3.320	A	50A15	5/8	0.54
16	3.520	A	50A16	5/8	0.68
17	3.720	A	50A17	5/8	0.76
18	3.920	A	50A18	5/8	0.86
19	4.120	A	50A19	5/8	0.94
20	4.320	A	50A20	3/4	1.06
21	4.520	A	50A21	3/4	1.12
22	4.720	A	50A22	3/4	1.30
23	4.920	A	50A23	3/4	1.44
24	5.120	A	50A24	23/32	1.50
25	5.320	A	50A25	23/32	1.62
26	5.520	A	50A26	23/32	1.72
27	5.720	A	50A27	23/32	1.96
28	5.920	A	50A28	23/32	2.04
29	6.120	A	50A29	23/32	2.36
30	6.320	A	50A30	23/32	2.54
31	6.520	A	50A31	23/32	2.72
32	6.720	A	50A32	23/32	2.80
33	6.920	A	50A33	23/32	3.14
34	7.120	A	50A34	23/32	3.20
35	7.320	A	50A35	23/32	3.34
36	7.520	A	50A36	23/32	3.82
37	7.720	A	50A37	23/32	3.98
38	7.920	A	50A38	23/32	4.14

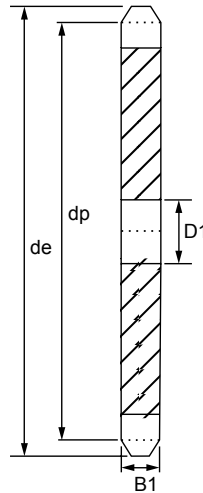
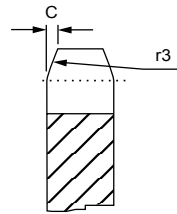
\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

## No. 50

Pinions	inches
Pitch	5/8"
Roller	0.400"
Tooth width B1	0.343"



## Single-Type A

Teeth	De	Type	Number	D1	W (kg)eight Lbs. (Approx.)
39	8.120	A	50A39	23/32	4.42
40	8.320	A	50A40	23/32	4.46
41	8.520	A	50A41	23/32	4.86
42	8.720	A	50A42	23/32	4.98
43	8.910	A	50A43	23/32	5.24
44	9.110	A	50A44	23/32	5.42
45	9.310	A	50A45	23/32	5.92
46	9.510	A	50A46	15/16	6.42
47	9.710	A	50A47	15/16	6.50
48	9.910	A	50A48	15/16	6.58
49	10.110	A	50A49	15/16	7.06
50	10.310	A	50A50	15/16	7.10
51	10.510	A	50A51	15/16	7.32
52	10.710	A	50A52	15/16	7.98
53	10.910	A	50A53	15/16	8.08
54	11.110	A	50A54	15/16	8.30
55	11.310	A	50A55	15/16	8.56
56	11.500	A	50A56	15/16	8.90
57	11.700	A	50A57	15/16	9.38
58	11.900	A	50A58	15/16	10.30
59	12.100	A	50A59	15/16	10.50
60	12.300	A	50A60	15/16	10.80
70	14.290	A	50A70	15/16	14.00
72	14.690	A	50A72	15/16	15.24
76	15.486	A	50A76	15/16	20.28
80	16.280	A	50A80	15/16	21.00
84	17.080	A	50A84	15/16	22.08
95	19.270	A	50A95	15/16	27.00
96	19.470	A	50A96	15/16	27.40
112	22.650	A	50A112	15/16	37.70

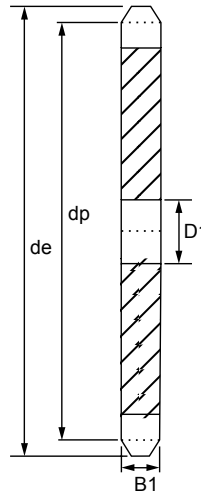
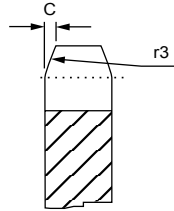
\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

## No. 60

Pinions	inches
Pitch	3/4"
Roller	0.468"
Tooth width B1	0.459"



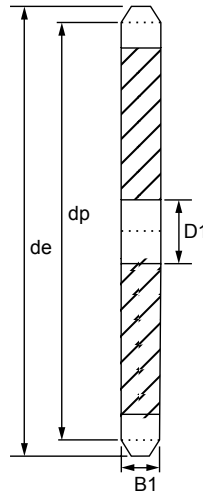
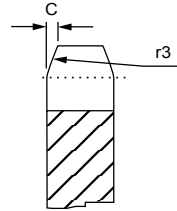
## Single-Type A

Teeth	De	Type	Number	D1	W (kg)eight Lbs. (Approx.)
8	2.260				
9	2.510				
10	2.760	A	60A10	3/4	0.44
11	3.000	A	60A11	3/4	0.54
12	3.250	A	60A12	3/4	0.68
13	3.490	A	60A13	3/4	0.80
14	3.740	A	60A14	3/4	0.94
15	3.980	A	60A15	3/4	1.08
16	4.220	A	60A16	3/4	1.24
17	4.460	A	60A17	3/4	1.44
18	4.700	A	60A18	3/4	1.62
19	4.950	A	60A19	3/4	1.84
20	5.190	A	60A20	3/4	2.12
21	5.430	A	60A21	3/4	2.28
22	5.670	A	60A22	3/4	2.48
23	5.910	A	60A23	3/4	2.68
24	6.150	A	60A24	23/32	3.00
25	6.390	A	60A25	23/32	3.34
26	6.630	A	60A26	23/32	3.54
27	6.870	A	60A27	23/32	3.96
28	7.110	A	60A28	23/32	4.14
29	7.350	A	60A29	23/32	4.40
30	7.590	A	60A30	23/32	4.78
31	7.830	A	60A31	23/32	5.24
32	8.070	A	60A32	23/32	5.52
33	8.300	A	60A33	15/16	5.86
34	8.540	A	60A34	15/16	6.16
35	8.780	A	60A35	15/16	6.78
36	9.020	A	60A36	15/16	6.82
37	9.260	A	60A37	15/16	7.52
38	9.500	A	60A38	15/16	7.84
39	9.740	A	60A39	15/16	8.28
40	9.980	A	60A40	15/16	8.56

# Type A - Plate Wheel Sprockets

## No. 60

Pinions	inches
Pitch	3/4"
Roller	0.468"
Tooth width B1	0.459"



## Single-Type A

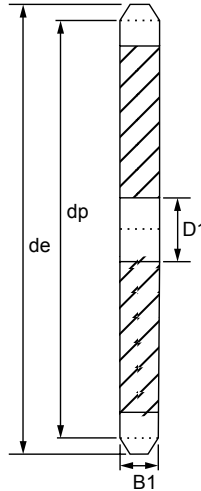
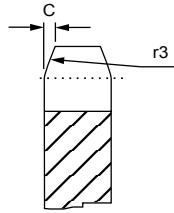
Teeth	De	Type	Number	D1	W (kg)eight Lbs. (Approx.)
41	10.220	A	60A41	15/16	9.10
42	10.460	A	60A42	15/16	9.74
43	10.700	A	60A43	15/16	9.84
44	10.940	A	60A44	15/16	10.76
45	11.180	A	60A45	15/16	11.08
46	11.420	A	60A46	15/16	11.50
47	11.650	A	60A47	15/16	12.32
48	11.890	A	60A48	15/16	12.42
49	12.130	A	60A49	15/16	12.92
50	12.370	A	60A50	15/16	13.98
51	12.610	A	60A51	15/16	14.58
52	12.850	A	60A52	15/16	14.60
53	13.090	A	60A53	15/16	15.84
54	13.330	A	60A54	15/16	15.92
55	13.570	A	60A55	11/4	16.96
56	13.810	A	60A56	11/4	17.60
57	14.040	A	60A57	11/4	17.62
58	14.280	A	60A58	11/4	19.00
59	14.520	A	60A59	11/4	19.20
60	14.760	A	60A60	11/4	20.02
64	15.720	A	60A64	11/4	23.00
65	15.960	A	60A65	11/4	23.24
66			60A66	11/4	24.42
68	16.670	A	60A68	11/4	25.54
70	17.150	A	60A70	11/4	27.20
72	17.630	A	60A72	11/4	28.90
76	18.580	A	60A76	11/4	32.34
80	19.540	A	60A80	11/4	45.50
84	20.490	A	60A84	11/4	40.18
90	21.930	A	60A90	11/4	43.44
96	23.360	A	60A96	11/4	52.02
112	27.180	A	60A112	11/4	70.80



# Type A - Plate Wheel Sprockets

## No. 80

Pinions	inches
Pitch	1"
Roller	0.625"
Tooth width B1	0.575"



\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat

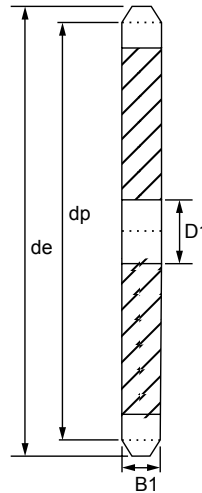
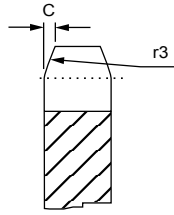
## Single-Type A

Teeth	De	Type	Number	D1	W (kg)eight Lbs. (Approx.)
8	3.010				
9	3.350	A	80A09	15/16	.8
10	3.680	A	80A10	15/16	1.0
11	4.010	A	80A11	15/16	1.3
12	4.330	A	80A12	15/16	1.5
13	4.660	A	80A13	15/16	1.8
14	4.980	A	80A14	15/16	2.2
15	5.300	A	80A15	15/16	2.5
16	5.630	A	80A16	15/16	2.9
17	5.950	A	80A17	15/16	3.3
18	6.270	A	80A18	15/16	3.7
19	6.590	A	80A19	15/16	4.1
20	6.910	A	80A20	15/16	4.7
21	7.240	A	80A21	15/16	4.9
22	7.560	A	80A22	15/16	5.5
23	7.880	A	80A23	15/16	6.3
24	8.200	A	80A24	15/16	6.7
25	8.520	A	80A25	15/16	7.2
26	8.840	A	80A26	1 3/16	7.8
27	9.160	A	80A27	1 3/16	8.6
28	9.480	A	80A28	1 3/16	9.3
29	9.800	A	80A29	1 3/16	9.8
30	10.110	A	80A30	1 3/16	10.7
31	10.430	A	80A31	1 3/16	11.3
32	10.750	A	80A32	1 3/16	12.1
33	11.070	A	80A33	1 3/16	13.6
34	11.390	A	80A34	1 3/16	14.3
35	11.710	A	80A35	1 3/16	14.8
36	12.030	A	80A36	1 3/16	16.1
37	12.350	A	80A37	1 3/16	16.8
38	12.670	A	80A38	1 3/16	17.2

# Type A - Plate Wheel Sprockets

## No. 80

Pinions	inches
Pitch	1"
Roller	0.625"
Tooth width B1	0.575"



\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

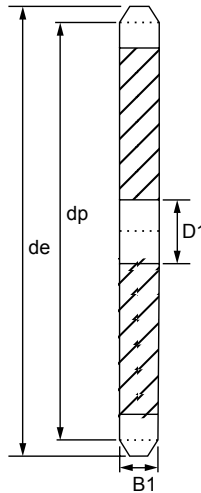
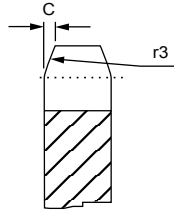
Slightly larger bores are possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at angle to keyseat

## Single-Type A

Teeth	De	Type	Number	D1	W (kg)eight Lbs. (Approx.)
39	12.990	A	80A39	1 3/16	17.9
40	13.310	A	80A40	1 3/16	18.9
41	13.630	A	80A41	1 1/4	21.0
42	13.940	A	80A42	1 1/4	21.8
43	14.260	A	80A43	1 1/4	23.6
44	14.580	A	80A44	1 1/4	24.3
45	14.900	A	80A45	1 1/4	25.2
46	15.220	A	80A46	1 1/4	26.6
47	15.540	A	80A47	1 1/4	26.4
48	15.860	A	80A48	1 1/4	27.8
49	16.180	A	80A49	1 1/4	28.9
50	16.500	A	80A50	1 1/4	30.9
51	16.810	A	80A51	1 1/4	32.2
52	17.130	A	80A52	1 1/4	33.0
53	17.450	A	80A53	1 1/4	34.9
54	17.770	A	80A54	1 1/4	36.6
55	18.090	A	80A55	1 1/4	37.5
56	18.410	A	80A56	1 1/4	39.4
57	18.730	A	80A57	1 1/4	40.4
58	19.040	A	80A58	1 1/4	41.3
59	19.360	A	80A59	1 1/4	42.9
60	19.680	A	80A60	1 1/4	45.3
65	21.270	A	80A65	1 1/4	52.2
70	22.870	A	80A70	1 1/2	59.8
72	23.500	A	80A72	1 1/2	65.7
76	24.780	A	80A76	1 1/2	70.2
80	26.050	A	80A80	1 1/2	79.6
84	27.330	A	80A84	1 1/2	86.1
90	29.240	A	80A90	1 1/2	101
96	31.150	A	80A96	1 1/2	120
112	36.240	A	80A112	1 1/2	165

## No. 100

Pinions	inches
Pitch	1-1/4"
Roller	0.750"
Tooth width B1	0.692"

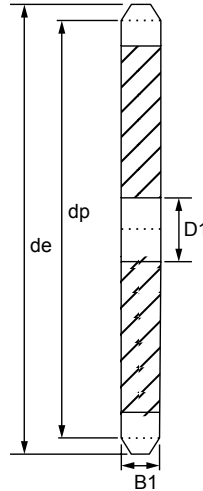
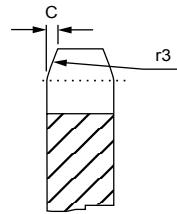


## Single-Type A

Teeth	De	Type	Number	D1	W (kg)eight Lbs. (Approx.)
7	3.350		100A07	1	1.2
8	3.770		100A08	1	1.4
9	4.180		100A09	1	1.6
10	4.600		100A10	1	2.0
11	5.010	A	100A11	1 1/4	2.5
12	5.420	A	100A12	1 1/4	3.0
13	5.820	A	100A13	1 1/4	3.5
14	6.230	A	100A14	1 1/4	4.1
15	6.630	A	100A15	1 1/4	4.7
16	7.030	A	100A16	1 1/4	5.4
17	7.440	A	100A17	1 1/4	6.1
18	7.840	A	100A18	1 1/4	7.0
19	8.240	A	100A19	1 1/4	7.8
20	8.640	A	100A20	1 1/4	8.8
21	9.040	A	100A21	1 1/4	9.8
22	9.440	A	100A22	1 1/4	10.5
23	9.840	A	100A23	1 1/4	11.8
24	10.250	A	100A24	1 1/4	12.8
25	10.650	A	100A25	1 1/4	13.9
26	11.050	A	100A26	1 1/4	15.0
27	11.440	A	100A27	1 1/4	16.0
28	11.840	A	100A28	1 1/4	17.4
29	12.240	A	100A29	1 1/4	19.6
30	12.640	A	100A30	1 1/4	20.1
31	13.040	A	100A31	1 1/4	21.5
32	13.440	A	100A32	1 1/4	22.6
33	13.840	A	100A33	1 1/4	24.1
34	14.240	A	100A34	1 1/4	26.0
35	14.640	A	100A35	1 1/4	27.2
36	15.040	A	100A36	1 1/4	30.0

## No. 100

Pinions	inches
Pitch	1-1/4"
Roller	0.750"
Tooth width B1	0.692"



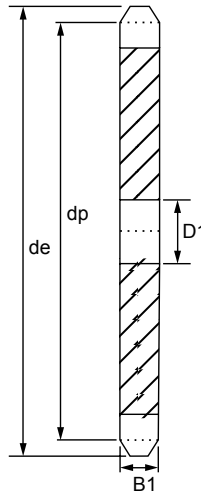
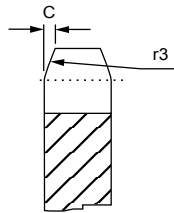
## Single-Type A

Teeth	De	Type	Number	D1	W (kg)eight Lbs. (Approx.)
37	15.440	A	100A37	1 1/4	31.0
38	15.840	A	100A38	1 1/4	33.0
39	16.230	A	100A39	1 1/4	35.0
40	16.630	A	100A40	1 1/4	36.0
41	17.030	A	100A41	1 1/4	39.0
42	17.430	A	100A42	1 1/4	40.0
43	17.830	A	100A43	1 1/2	43.0
44	18.230	A	100A44	1 1/2	45.0
45	18.630	A	100A45	1 1/2	47.0
46	19.020	A	100A46	1 1/2	48.0
47	19.420	A	100A47	1 1/2	52.0
48	19.820	A	100A48	1 1/2	54.0
49	20.220	A	100A49	1 1/2	56.0
50	20.620	A	100A50	1 1/2	57.0
51	21.020	A	100A51	1 1/2	63.0
52	21.420	A	100A52	1 1/2	64.0
53	21.810	A	100A53	1 1/2	64.2
54	22.210	A	100A54	1 1/2	68.0
55	22.610	A	100A55	1 1/2	70.0
56	23.010	A	100A56	1 1/2	72.0
57	23.410	A	100A57	1 1/2	75.8
58	23.810	A	100A58	1 1/2	76.0
59	24.200	A	100A59	1 1/2	77.0
60	24.600	A	100A60	1 1/2	80.0
70	28.580	A	100A70	1 1/2	113
72	29.380	A	100A72	1 1/2	119
76	30.973	A	100A76	1 1/2	133
80	32.570	A	100A80	1 1/2	146
84	34.160	A	100A84	1 1/2	162
90	36.550	A	100A90	1 1/2	193
96	38.930	A	100A96	1 1/2	215

# Type A - Plate Wheel Sprockets

## No. 120

Pinions	inches
Pitch	1-1/2"
Roller	0.875"
Tooth width B1	0.924"



\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at angle to keyseat

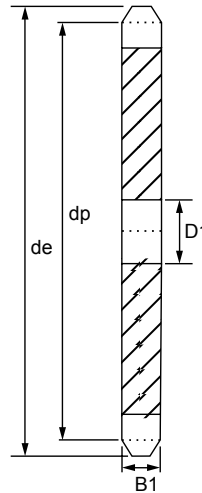
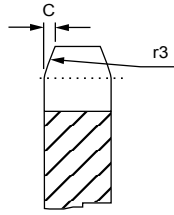
### Single-Type A

Teeth	De	Type	Number	D1	W (kg)eight Lbs. (Approx.)
8	4.520		120A08	1 1/4	2.4
9	5.020	A	120A09	1 1/4	3.0
10	5.520	A	120A10	1 1/4	3.8
11	6.010	A	120A11	1 1/4	4.8
12	6.500	A	120A12	1 1/4	5.8
13	6.990	A	120A13	1 1/4	6.7
14	7.470	A	120A14	1 1/4	8.0
15	7.960	A	120A15	1 1/4	9.1
16	8.440	A	120A16	1 1/4	10.6
17	8.920	A	120A17	1 1/4	12.6
18	9.410	A	120A18	1 1/4	13.6
19	9.890	A	120A19	1 1/4	15.1
20	10.370	A	120A20	1 1/4	16.9
21	10.850	A	120A21	1 1/4	18.7
22	11.330	A	120A22	1 1/4	20.0
23	11.810	A	120A23	1 1/4	22.1
24	12.290	A	120A24	1 1/4	24.8

# Type A - Plate Wheel Sprockets

## No. 120

Pinions	inches
Pitch	1-1/2"
Roller	0.875"
Tooth width B1	0.924"



\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at angle to keyseat

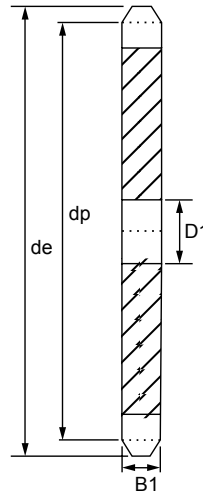
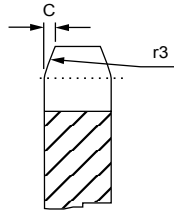
## Single-Type A

Teeth	De	Type	Number	D1	W (kg)eight Lbs. (Approx.)
25	12.770	A	120A25	1 1/4	26.8
26	13.250	A	120A26	1 1/4	28.3
27	13.730	A	120A27	1 1/2	30.9
28	14.210	A	120A28	1 1/2	33.6
30	15.170	A	120A30	1 1/2	39.0
32	16.130	A	120A32	1 1/2	43.9
33	16.610	A	120A33	1 1/2	48.2
34	17.090	A	120A34	1 1/2	50
35	17.570	A	120A35	1 1/2	52
36	18.050	A	120A36	1 1/2	56
40	19.960	A	120A40	1 1/2	71
42	20.920	A	120A42	1 1/2	75
45	22.350	A	120A45	1 1/2	88
48	23.790	A	120A48	1 1/2	103
54	26.650	A	120A54	1 1/2	140
60	29.520	A	120A60	1 1/2	160
70	34.300	A	120A70	1 1/2	216
80	39.080	A	120A80	1 1/2	284
90	43.850	A	120A90	1 1/2	358

# Type A - Plate Wheel Sprockets

## No. 140

Pinions	inches
Pitch	1-3/4"
Roller	1.000"
Tooth width B1	0.924"



\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at angle to keyseat

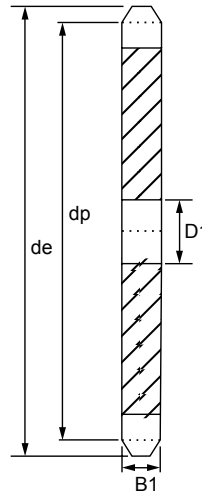
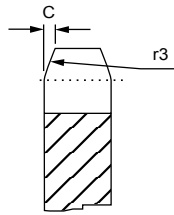
### Single-Type A

Teeth	De	Type	Number	D1	W (kg)eight Lbs. (Approx.)
11	7.010	A	140A11	1 1/2	5.0
12	7.580	A	140A12	1 1/2	7.8
13	8.150	A	140A13	1 1/2	8.2
14	8.720	A	140A14	1 1/2	10.0
15	9.280	A	140A15	1 1/2	11.0
16	9.850	A	140A16	1 1/2	14.0
17	10.410	A	140A17	1 1/2	16.0
18	10.980	A	140A18	1 1/2	18.0
19	11.540	A	140A19	1 1/2	21.0
20	12.100	A	140A20	1 1/2	23.0
21	12.660	A	140A21	1 1/2	25.0
22	13.220	A	140A22	1 1/2	28.0
23	13.780	A	140A23	1 1/2	30.0
24	14.340	A	140A24	1 1/2	33.0
25	14.900	A	140A25	1 1/2	34.0
26	15.460	A	140A26	1 1/2	39.0
27	16.020	A	140A27	1 1/2	41.0
28	16.580	A	140A28	1 1/2	45.0
30	17.700	A	140A30	1 1/2	52.0
31	18.260	A	140A31	1 1/2	56.0
32	18.820	A	140A32	1 1/2	60.0
35	20.490	A	140A35	1 1/2	73.0
36	21.050	A	140A36	1 1/2	77.0
40	23.290	A	140A40	1 1/2	93.0
45	26.080	A	140A45	1 1/2	131
48	27.750	A	140A48	1 1/2	134
54	31.100	A	140A54	1 1/2	173
60	34.440	A	140A60	1 1/2	219
70	40.020	A	140A70	1 1/2	292
80	45.590	A	140A80	1 1/2	402

# Type A - Plate Wheel Sprockets

## No. 160

Pinions	inches
Pitch	2"
Roller	1.125"
Tooth width B1	1.156"



\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat

### Single-Type A

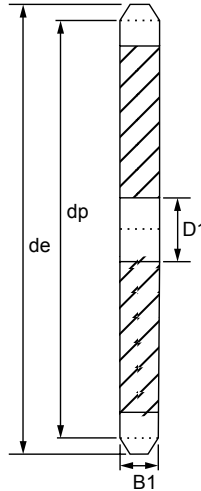
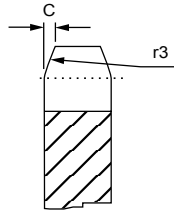
Teeth	De	Type	Number	D1	W (kg)eight Lbs. (Approx.)
8	6.030	A	160A08	1 1/2	5.0
9	6.700	A	160A09	1 1/2	7.0
10	7.360	A	160A10	1 1/2	8.0
11	8.010	A	160A11	1 1/2	10.0
12	8.660	A	160A12	1 1/2	12.0
13	9.310	A	160A13	1 1/2	16.0
14	9.960	A	160A14	1 1/2	17.0
15	10.610	A	160A15	1 1/2	21.0
16	11.260	A	160A16	1 1/2	24.0
17	11.900	A	160A17	1 1/2	27.0
18	12.540	A	160A18	1 1/2	30.0
19	13.190	A	160A19	1 1/2	34.0
20	13.830	A	160A20	1 1/2	38.0
21	14.470	A	160A21	1 1/2	42.0
22	15.110	A	160A22	1 1/2	46.0
23	15.750	A	160A23	1 1/2	50.0
24	16.390	A	160A24	1 1/2	56.0
25	17.030	A	160A25	1 1/2	61.0
26	17.670	A	160A26	1 1/2	65.0
27	18.310	A	160A27	1 1/2	71.0
28	18.950	A	160A28	1 1/2	77.0
30	20.230	A	160A30	1 1/2	90.0
35	23.420	A	160A35	1 1/2	121
40	26.610	A	160A40	1 1/2	138
45	29.800	A	160A45	1 1/2	204
54	35.540	A	160A54	1 1/2	294
60	39.360	A	160A60	1 1/2	366
70	45.730	A	160A70	1 1/2	507
80	52.100	A	160A80	1 1/2	656



# Type A - Plate Wheel Sprockets

## No. 180

Pinions	inches
Pitch	2-1/4"
Roller	1.406"
Tooth width B1	1.301"



Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat

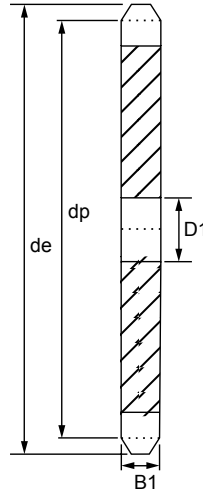
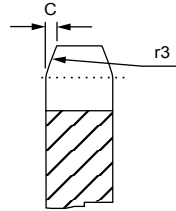
### Single-Type A

Teeth	De	Type	Number	D1	W (kg)eight Lbs. (Approx.)
11	9.010	A	180A11	1 1/2	14
12	9.750	A	180A12	1 1/2	16
13	10.480	A	180A13	1 1/2	20
14	11.210	A	180A14	1 1/2	24
15	11.930	A	180A15	1 1/2	28
16	12.660	A	180A16	1 1/2	32
17	13.390	A	180A17	1 1/2	37
18	14.110	A	180A18	1 1/2	43
19	14.830	A	180A19	1 1/2	47
20	15.560	A	180A20	1 1/2	53
21	16.280	A	180A21	1 1/2	57
22	17.000	A	180A22	1 1/2	62
23	17.720	A	180A23	1 1/2	69
24	18.440	A	180A24	1 1/2	77
25	19.160	A	180A25	1 1/2	84
28	21.320	A	180A28	1 1/2	104
30	22.760	A	180A30	1 1/2	120
35	26.350	A	180A35	1 1/2	172
40	29.940	A	180A40	1 1/2	229
45	33.530	A	180A45	1 1/2	284
54	39.980	A	180A54	1 1/2	420
60	44.280	A	180A60	1 1/2	505

# Type A - Plate Wheel Sprockets

## No. 200

Pinions	inches
Pitch	2-1/2"
Roller	1.562"
Tooth width B1	1.389"

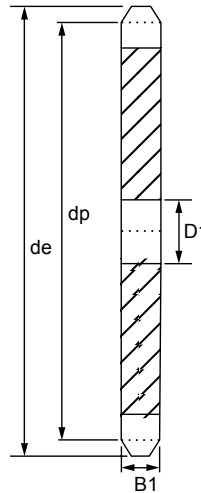
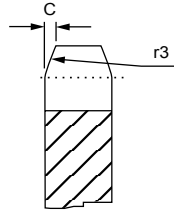


## Single-Type A

Teeth	De	Type	Number	D1	W (kg)eight Lbs. (Approx.)
10	9.200	A	200A10	1 1/2	16
11	10.020	A	200A11	1 1/2	20
12	10.830	A	200A12	1 1/2	24
13	11.640	A	200A13	1 1/2	30
14	12.460	A	200A14	1 1/2	32
15	13.260	A	200A15	1 1/2	40
16	14.070	A	200A16	1 1/2	46
17	14.870	A	200A17	1 1/2	51
18	15.680	A	200A18	1 1/2	57
19	16.480	A	200A19	1 1/2	65
20	17.290	A	200A20	1 1/2	72
21	18.090	A	200A21	1 1/2	82
22	18.890	A	200A22	1 1/2	88
23	19.690	A	200A23	1 1/2	95
24	20.490	A	200A24	1 1/2	105
25	21.290	A	200A25	1 1/2	113
26	22.090	A	200A26	1 1/2	124
28	23.690	A	200A28	1 1/2	144
30	25.290	A	200A30	1 1/2	167
32	26.880	A	200A32	1 1/2	195
35	29.280	A	200A35	1 1/2	227
40	33.270	A	200A40	1 1/2	301
45	37.250	A	200A45	1 1/2	390
54	44.420	A	200A54	1 1/2	555
60	49.200	A	200A60	1 1/2	692

## No. 240

Pinions	inches
Pitch	3"
Roller	1.875"
Tooth width B1	1.738"



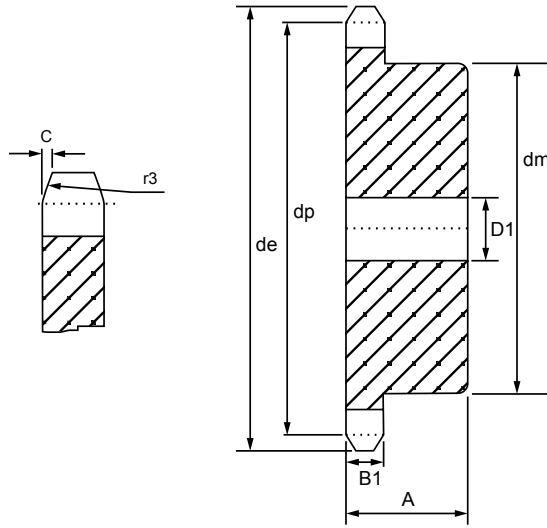
### Single-Type A

Teeth	De	Type	Number	D1	W (kg)eight Lbs. (Approx.)
10	11.030	A	240A10	1 1/2	30
11	12.020	A	240A11	1 1/2	37
12	13.000	A	240A12	1 1/2	45
13	13.970	A	240A13	1 1/2	54
14	14.940	A	240A14	1 1/2	62
15	15.910	A	240A15	1 1/2	68
16	16.880	A	240A16	1 1/2	82
17	17.850	A	240A17	1 1/2	93
18	18.810	A	240A18	1 1/2	108
19	19.780	A	240A19	1 1/2	120
20	20.740	A	240A20	1 1/2	128
21	21.710	A	240A21	1 1/2	148
25	25.550	A	240A25	1 1/2	208
30	30.340	A	240A30	1 1/2	310
35	35.130	A	240A35	1 1/2	416
40	39.920	A	240A40	1 1/2	548
45	44.700	A	240A45	1 1/2	702
54	53.310	A	240A54	1 1/2	1022
60	59.040	A	240A60	1 1/2	1268

## ANSI 25

Pinions	mm
Tooth radius r3	6.4
Radius width C	0.7
Tooth width B1	2.9

Chain	mm
Pitch	6.35
Internal width	3.18
Roller	3.3
H=4mm- From	
Z=62 the width of the plate is increased	



## Single-Type B

Teeth	De	Type	D1		Dm	A	W (kg)eight Lbs. (Approx.)
			Min	Max.			
9	0.837	B	1/4	1/4	7/16	1/2	.03
10	.919	B	1/4	1/4	1/2	1/2	.03
11	1.002	B	1/4	5/16	9/16	1/2	.04
12	1.083	B	1/4	3/8	5/8	1/2	.06
13	1.167	B	1/4	7/16	23/32	1/2	.07
14	1.246	B	1/4	9/16	13/16	1/2	.08
15	1.326	B	1/4	9/16	57/64	1/2	.10
16	1.407	B	1/4	9/16	31/32	1/2	.12
17	1.487	B	1/4	5/8	1 1/32	1/2	.14
18	1.568	B	1/4	3/4	1 1/8	1/2	.16
19	1.648	B	1/4	13/16	1 7/32	1/2	.19
20	1.729	B	1/4	7/8	1 9/32	5/8	.25
21	1.809	B	1/4	7/8	1 3/8	5/8	.28
22	1.889	B	1/4	15/16	1 7/16	5/8	.31
23	1.969	B	1/4	1	1 1/2	5/8	.32
24	2.049	B	3/8	1	1 1/2	5/8	.33
25	2.129	B	3/8	1	1 1/2	5/8	.34
26	2.209	B	3/8	1	1 1/2	5/8	.35
28	2.369	B	3/8	1	1 1/2	5/8	.36
30	2.529	B	3/8	1	1 1/2	5/8	.38
32	2.688	B	3/8	1	1 1/2	5/8	.40
36	3.008	B	3/8	1	1 1/2	3/4	.50
40	3.327	B	1/2	1 3/8	1 1/2	3/4	.53
45	3.725	B	1/2	1 3/8	2	3/4	.56
48	3.964	B	1/2	1 3/8	2	3/4	.56
54	4.442	B	1/2	1 3/8	2	3/4	1.00
60	4.920	B	1/2	1 3/8	2	3/4	1.10
70	5.717	B	1/2	1 3/8	2	3/4	1.25
72	5.876	B	1/2	1 3/8	2	3/4	1.30

# Type B & C - Pilot Bore Sprockets

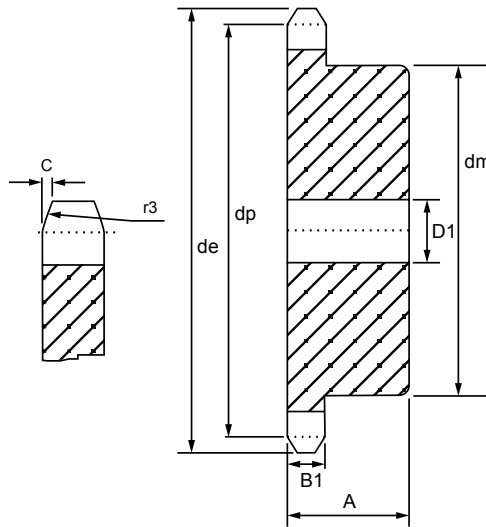
## No. 35

Pinions	inches
Pitch	3/8"
Roller	0.200"
Tooth width B1	0.168"

\*Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at angle to keyseat.



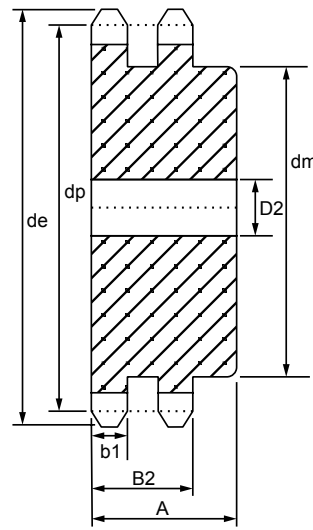
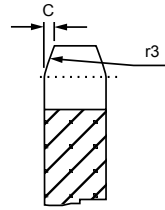
## Single-Type B

Teeth	De	Type	D1		Dm	A	W (kg)eight Lbs. (Approx.)
			Min	Max.			
8	1.130	B	3/8	3/8	3/4*	3/4	.07
9	1.260	B	3/8	3/8	27/32*	3/4	.09
10	1.380	B	3/8	9/16	31/32*	3/4	.14
11	1.500	B	3/8	9/16	1 1/16*	3/4	.17
12	1.630	B	1/2	9/16	1 7/32*	3/4	.20
13	1.750	B	1/2	11/16	1 1/4*	3/4	.23
14	1.870	B	1/2	7/8	1 1/4	3/4	.25
15	1.990	B	1/2	7/8	1 11/32	3/4	.29
16	2.110	B	1/2	15/16	1 15/32	3/4	.35
17	2.230	B	1/2	11/16	1 19/32	3/4	.42
18	2.350	B	1/2	13/16	1 23/32	3/4	0.48
19	2.470	B	1/2	11/4	1 27/32	3/4	0.54
20	2.590	B	1/2	15/16	1 15/16	3/4	0.59
21	2.710	B	1/2	1 3/8	2	7/8	0.80
22	2.830	B	1/2	1 3/8	2	7/8	0.80
23	2.950	B	1/2	1 3/8	2	7/8	0.82
24	3.070	B	1/2	1 3/8	2	7/8	0.88
25	3.190	B	1/2	1 3/8	2	7/8	0.88
26	3.310	B	1/2	1 3/8	2	7/8	0.90
27	3.430	B	1/2	1 3/8	2	7/8	0.94
28	3.550	B	1/2	1 3/8	2	7/8	0.94
30	3.790	B	1/2	1 3/8	2	7/8	1.02
32	4.030	B	1/2	1 3/8	2	7/8	1.24
35	4.390	B	5/8	1 1/2	2 1/4	7/8	1.50
36	4.510	B	5/8	1 1/2	2 1/4	7/8	1.56
40	4.990	B	5/8	1 1/2	2 1/4	1	1.62
42	5.230	B	5/8	1 1/2	2 1/4	1	1.68
45	5.590	B	5/8	1 1/2	2 1/4	1	1.78
48	5.950	B	5/8	1 1/2	2 1/4	1	1.88
54	6.660	B	5/8	1 1/2	2 1/4	1	2.20
60	7.380	B	3/4	1 1/2	2 1/4	1	2.48
70	8.580	B	3/4	1 1/2	2 1/4	1	3.12
72	8.810	B	3/4	1 1/2	2 1/4	1	3.42
80	9.770	B	3/4	1 1/2	2 1/4	1	3.82
84	10.250	B	3/4	1 1/2	2 1/4	1	4.24
96	11.680	B	3/4	1 1/2	2 1/4	1	5.16
112	13.590	B	3/4	1 1/2	2 1/4	1	6.70

# Type B & C - Pilot Bore Sprockets

## No. 35-2

Pinions	inches
Pitch	3/8"
Roller	0.200"
Tooth width B1	0.162"
Tooth width B2	0.561"



Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

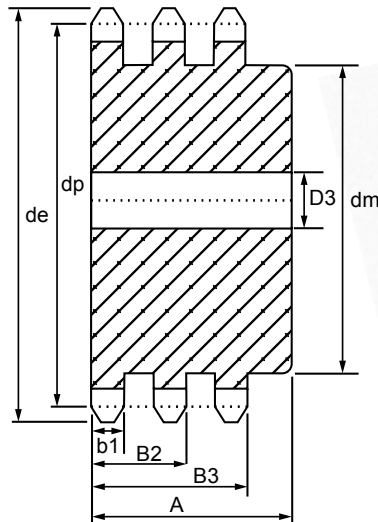
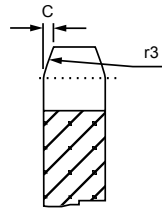
## Duplex Type B

Teeth	Number	De	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
12	D35B12H	1.630	B	1/2	9/16	63/64	1 /14	.32
13	D35B13H	1.750	B	1/2	11/16	1 7/64	1 /14	.36
14	D35B14H	1.870	B	1/2	7/8	1 1/4	1 /14	.44
15	D35B15H	1.990	B	1/2	15/16	113/32	1 /14	.56
16	D35B16H	2.110	B	1/2	15/16	115/32	1 /14	.64
17	D35B17H	2.230	B	1/2	1 1/16	119/32	1 /14	.74
18	D35B18H	2.350	B	1/2	1 3/16	123/32	1 /14	.84
19	D35B19H	2.470	B	1/2	1 5/16	1 7/8	1 /14	.96
20	D35B20H	2.590	B	3/4	1 5/16	115/16	1 /38	1.08
21	D35B21H	2.710	B	3/4	1 3/8	2 1/16	1 /38	1.24
22	D35B22H	2.830	B	3/4	1 7/16	2 3/16	1 /38	1.42
23	D35B23H	2.950	B	3/4	1 1/2	2 1/4	1 /38	1.54
24	D35B24H	3.070	B	3/4	1 1/2	2 1/4	1 /38	1.62
25	D35B25H	3.190	B	3/4	1 1/2	2 1/4	1 /38	1.66
26	D35B26	3.310	B	3/4	1 3/4	2 1/2	1 /38	1.98
30	D35B30	3.790	B	3/4	1 3/4	2 1/2	1 /38	2.34
36	D35B36	4.510	B	3/4	1 3/4	2 1/2	1 /38	3.00
42	D35B42	5.230	B	3/4	1 3/4	2 1/2	1 /38	3.80
48	D35B48	5.950	B	3/4	1 3/4	2 1/2	1 /38	4.66
52	D35B52	6.430	B	3/4	1 3/4	2 1/2	1 /38	5.40
60	D35B60	7.380	B	3/4	1 3/4	2 1/2	1 /38	6.84
68	D35B68	8.340	B	3/4	2 3/8	3 1/2	1 /12	10.01
72	D35B72	8.810	B	3/4	2 3/8	3 1/2	1 /12	11.04
76	D35B76	9.290	B	3/4	2 3/8	3 1/2	1 /12	11.94
84	D35B84	10.250	B	3/4	2 3/8	3 1/2	1 /12	14.98
95	D35B95	11.560	B	1	2 3/8	3 1/2	1 /12	17.42
96	D35B96	11.680	B	1	2 3/8	3 1/2	1 /12	18.14
102	D35B102	12.400	B	1	2 3/8	3 1/2	1 /12	19.92

# Type B & C - Pilot Bore Sprockets

## No. 35-3

Pinions	inches
Pitch	3/8"
Roller	0.200"
Tooth width B1	0.162"
Tooth width B2	0.561"
Tooth width B3	0.960"



NOTE: Triple 35 stock Sprockets with 25 teeth or less have Hardened Teeth.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

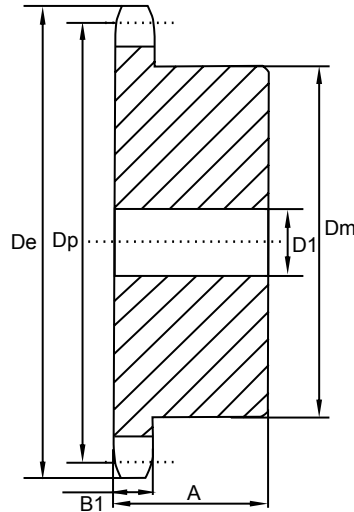
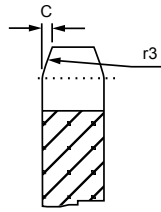
## Triplex Type B

Teeth	Number	De	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
13	E35B13H	1.750	B	1/2	11/16	1 7/64	1 3/4	.50
14	E35B14H	1.870	B	1/2	7/8	1 1/4	1 3/4	.62
15	E35B15H	1.990	B	1/2	15/16	113/32	1 3/4	.78
16	E35B16H	2.110	B	1/2	15/16	115/32	1 3/4	.82
17	E35B17H	2.230	B	1/2	1 1/16	119/32	1 3/4	1.04
18	E35B18H	2.350	B	1/2	1 3/16	123/32	1 3/4	1.22
19	E35B19H	2.470	B	1/2	1 5/16	1 7/8	1 3/4	1.40
20	E35B20H	2.590	B	3/4	1 5/16	115/16	1 7/8	1.50
21	E35B21H	2.710	B	3/4	1 3/8	2 1/16	1 7/8	1.72
22	E35B22H	2.830	B	3/4	1 7/16	2 3/16	1 7/8	1.96
23	E35B23H	2.950	B	3/4	1 1/2	2 1/4	1 7/8	2.12
24	E35B24H	3.070	B	3/4	1 1/2	2 1/4	1 7/8	2.26
25	E35B25H	3.190	B	3/4	1 1/2	2 1/4	1 7/8	2.42
26	E35B26	3.310	B	3/4	1 1/2	2 1/2	1 7/8	2.78
30	E35B30	3.790	B	3/4	1 3/4	2 1/2	1 7/8	3.42
36	E35B36	4.510	B	3/4	1 3/4	2 1/2	1 7/8	4.52
42	E35B42	5.230	B	3/4	1 3/4	2 1/2	1 7/8	5.88
48	E35B48	5.950	B	3/4	1 3/4	2 1/2	1 7/8	7.42
52	E35B52	6.430	B	3/4	1 3/4	2 1/2	1 7/8	8.52
60	E35B60	7.380	B	3/4	1 3/4	2 1/2	1 7/8	11.22
68	E35B68	8.340	B	3/4	2 3/8	3 1/2	1 7/8	15.38
72	E35B72	8.810	B	3/4	2 3/8	3 1/2	1 7/8	17.34
76	E35B76	9.290	B	3/4	2 3/8	3 1/2	1 7/8	18.90
84	E35B84	10.250	B	3/4	2 3/8	3 1/2	1 7/8	22.82
95	E35B95	11.560	B	1	2 1/2	3 3/4	2 1/8	29.32
96	E35B96	11.680	B	1	2 1/2	3 3/4	2 1/8	30.06
102	E35B102	12.400	B	1	2 1/2	3 3/4	2 1/8	33.36

# Type B & C - Pilot Bore Sprockets

## No. 40 - Single Type B

Pinions	inches
Pitch	1/2"
Roller	0.312"
Tooth width B1	0.284"



\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bore sare possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at keyseat.

## Single-Type B

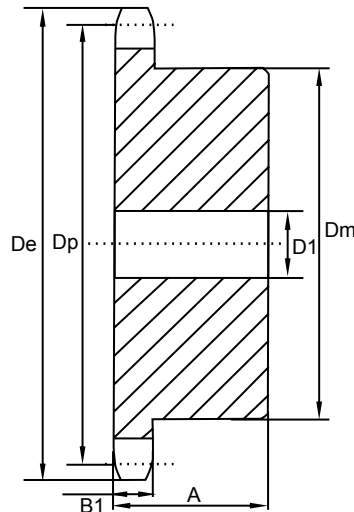
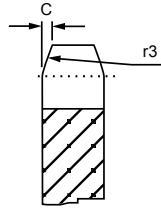
Number	Type	D1		Dm	A	W (kg)weight Lbs. (Approx.)
		Min	Max.			
40B08	B	1/2	1/2	31/32*	7/8	.18
40B09	B	1/2	9/16	1 1/16*	7/8	.20
40B10	B	1/2	3/4	1 1/4*	7/8	.27
40B11	B	1/2	7/8	1 3/8*	7/8	.35
40B12	B	1/2	1	1 9/16*	7/8	.45
40B13	B	1/2	1 1/16	1 9/16	7/8	.50
40B14	B	1/2	1 1/8	111/16	7/8	.59
40B15	B	1/2	1 1/4	113/16	7/8	.70
40B16	B	5/8	1 3/8	2	7/8	.79
40B17	B	5/8	1 7/16	2 1/8	1	1.04
40B18	B	5/8	1 1/2	2 5/16	1	1.22
40B19	B	5/8	1 3/4	2 1/2	1	1.43
40B20	B	5/8	1 7/8	2 5/8	1	1.56
40B21	B	5/8	1 7/8	2 3/4	1	1.73
40B22	B	5/8	1 7/8	2 7/8	1	1.96
40B23	B	5/8	2	3	1	2.13
40B24	B	5/8	2 1/4	3 1/4	1	2.41
40B25	B	5/8	2 1/4	3 1/4	1	2.54
40B26	B	5/8	2 1/4	3 1/4	1	2.58
40B27	B	5/8	2 1/4	3 1/4	1	2.66
40B28	B	5/8	2 1/4	3 1/4	1	2.73
40B29	B	5/8	2 1/4	3 1/4	1	2.80
40B30	B	5/8	2 1/4	3 1/4	1	2.98
40B31	B	5/8	2 1/4	3 1/4	1	3.10
40B32	B	5/8	2 1/4	3 1/4	1	3.16
40B33	B	5/8	2 1/4	3 1/4	1	3.22
40B34	B	5/8	2 1/4	3 1/4	1	3.30
40B35	B	5/8	2 1/4	3 1/4	1	3.46
40B36	B	5/8	2 1/4	3 1/4	1	3.58
40B37	B	5/8	2 1/4	3 1/4	1	3.62



# Type B & C - Pilot Bore Sprockets

## No. 40 - Single Type B

Pinions	inches
Pitch	1/2"
Roller	0.312"
Tooth width B1	0.284"



\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bore sare possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at keyseat.

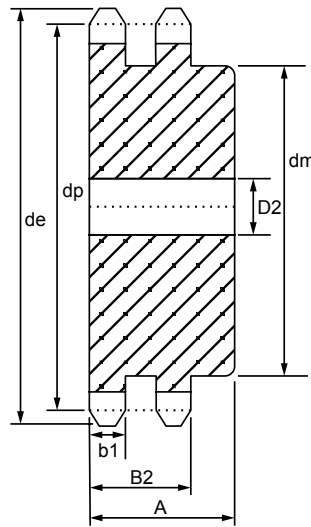
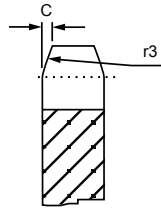
## Single-Type B

Number	Type	D1		Dm	A	W (kg) / Lbs. (Approx.)
		Min	Max.			
40B38	B	5/8	2 1/4	3 1/4	1	3.70
40B39	B	5/8	2 1/4	3 1/4	1	3.76
40B40	B	3/4	2 3/8	3 1/2	11/8	4.69
40B41	B	3/4	2 3/8	3 1/2	11/8	4.76
40B42	B	3/4	2 3/8	3 1/2	11/8	4.82
40B43	B	3/4	2 3/8	3 1/2	11/8	5.12
40B44	B	3/4	2 3/8	3 1/2	11/8	5.15
40B45	B	3/4	2 3/8	3 1/2	11/8	5.30
40B46	B	3/4	2 3/8	3 1/2	11/8	5.44
40B47	B	3/4	2 3/8	3 1/2	11/8	5.57
40B48	B	3/4	2 3/8	3 1/2	11/8	5.84
40B49	B	3/4	2 3/8	3 1/2	11/8	5.90
40B50	B	3/4	2 3/8	3 1/2	11/8	5.96
40B51	B	3/4	2 3/8	3 1/2	11/8	6.08
40B52	B	3/4	2 3/8	3 1/2	11/8	6.28
40B53	B	3/4	2 3/8	3 1/2	11/8	6.33
40B54	B	3/4	2 3/8	3 1/2	11/8	6.42
40B55	B	3/4	2 3/8	3 1/2	11/8	6.46
40B56	B	3/4	2 3/8	3 1/2	11/8	6.89
40B57	B	3/4	2 3/8	3 1/2	11/8	7.02
40B58	B	3/4	2 3/8	3 1/2	11/8	7.36
40B59	B	3/4	2 3/8	3 1/2	11/8	7.45
40B60	B	3/4	2 3/8	3 1/2	11/8	7.86
40B70	B	3/4	2 3/4	4	11/4	11.00
40B72	B	3/4	2 3/4	4	11/4	11.50
40B80	B	3/4	2 3/4	4	11/4	13.40
40B84	B	3/4	2 3/4	4	11/4	14.04
40B96	B	1	2 3/4	4	11/4	17.56
40B112	B	1	2 3/4	4	11/4	22.56

# Type B & C - Pilot Bore Sprockets

## No. 40-2

Pinions	inches
Pitch	1/2"
Roller	0.312"
Tooth width B1	0.275"
Tooth width B2	0.841"



\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat.

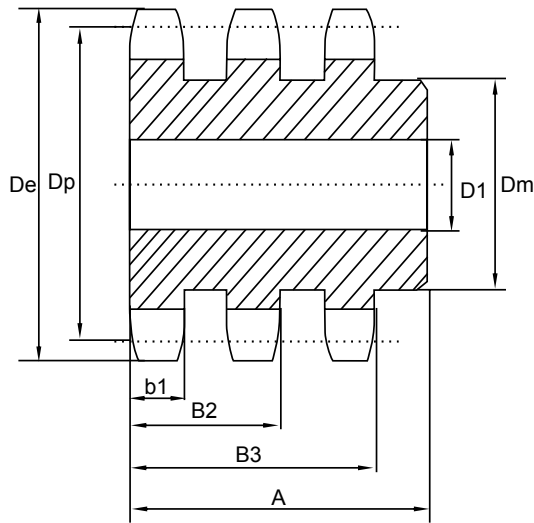
## Duplex Type B

Teeth	Number	De	Type	D1		Dm	A	W (kg)eight Lbs. (Approx.)
				Min	Max.			
11	D40B11H	2.000	B	1/2	3/4	1 7/16*	1 1/2	.62
12	D40B12H	2.170	B	1/2	15/16	1 9/16*	1 1/2	.76
13	D40B13H	2.330	B	1/2	1	1 1/2	1 1/2	.86
14	D40B14H	2.490	B	1/2	1 1/8	1 11/16	1 1/2	1.08
15	D40B15H	2.650	B	1/2	1 1/4	1 13/16	1 1/2	1.24
16	D40B16H	2.810	B	5/8	1 3/8	2	1 1/2	1.42
17	D40B17H	2.980	B	5/8	1 7/16	2 1/8	1 1/2	1.64
18	D40B18H	3.140	B	5/8	1 1/2	2 5/16	1 1/2	1.92
19	D40B19H	3.300	B	5/8	1 3/4	2 1/2	1 1/2	2.22
20	D40B20H	3.460	B	5/8	1 7/8	2 5/8	1 5/8	2.64
21	D40B21H	3.620	B	5/8	1 7/8	2 3/4	1 5/8	2.94
22	D40B22H	3.780	B	5/8	1 7/8	2 7/8	1 5/8	3.18
23	D40B23H	3.940	B	5/8	2	3	1 5/8	3.51
24	D40B24H	4.100	B	5/8	2 1/4	3 1/4	1 5/8	4.04
25	D40B25H	4.260	B	5/8	2 1/4	3 1/4	1 5/8	4.26
26	D40B26	4.420	B	5/8	2 1/4	3 1/4	1 5/8	4.48
30	D40B30	5.060	B	7/8	2 1/4	3 1/4	1 5/8	5.34
35	D40B35	5.860	B	7/8	2 1/4	3 1/4	1 5/8	6.80
36	D40B36	6.020	B	15/16	2 1/2	3 3/4	1 5/8	7.20
40	D40B40	6.650	B	15/16	2 1/2	3 3/4	1 3/4	9.40
42	D40B42	6.970	B	15/16	2 1/2	3 3/4	1 3/4	10.20
45	D40B45	7.450	B	15/16	2 1/2	3 3/4	1 3/4	11.36
48	D40B48	7.930	B	15/16	2 1/2	3 3/4	1 3/4	12.66
52	D40B52	8.570	B	15/16	2 1/2	3 3/4	1 3/4	14.46
54	D40B54	8.890	B	15/16	2 1/2	3 3/4	1 3/4	15.48
60	D40B60	9.840	B	15/16	2 1/2	3 3/4	1 3/4	18.60
68	D40B68	11.120	B	13/16	2 3/4	4 1/4	2 1/8	24.96
72	D40B72	11.750	B	13/16	2 3/4	4 1/4	2 1/8	27.88
76	D40B76	12.390	B	13/16	2 3/4	4 1/4	2 1/8	30.18
84	D40B84	13.660	B	13/16	2 3/4	4 1/4	2 1/8	36.24
95	D40B95	15.410	B	13/16	2 3/4	4 1/4	2 1/8	38.84
96	D40B96	15.570	B	13/16	2 3/4	4 1/4	2 1/8	39.50
102	D40B102	16.530	B	13/16	2 3/4	4 1/4	2 1/8	42.72
112	D40B112	18.120	B	13/16	2 3/4	4 1/4	2 1/8	55.54

# Type B & C - Pilot Bore Sprockets

## No. 40-3

Pinions	inches
Pitch	1/2"
Roller	0.312"
Tooth width B1	0.275"
Tooth width B2	0.841"
Tooth width B3	1.407"



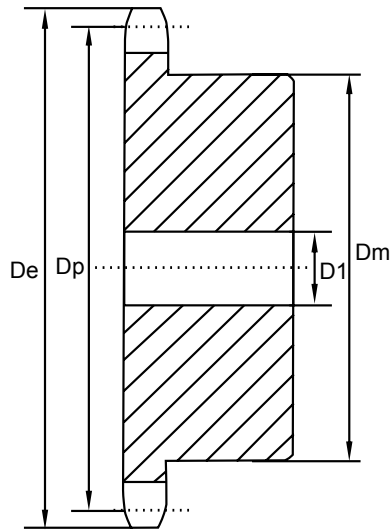
## Triplex Type B

Teeth	Number	De	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
11	E40B11H	2.000	B	1/2	3/4	1 7/16*	2 1/8	.80
12	E40B12H	2.170	B	1/2	15/16	1 9/16*	2 1/8	1.10
13	E40B13H	2.330	B	1/2	1	1 1/2	2 1/8	1.24
14	E40B14H	2.490	B	1/2	1 1/8	1 11/16	2 1/8	1.50
15	E40B15H	2.650	B	1/2	1 1/4	1 13/16	2 1/8	1.76
16	E40B16H	2.810	B	5/8	1 3/8	2	2 1/8	2.04
17	E40B17H	2.980	B	5/8	1 7/16	2 1/8	2 1/8	2.34
18	E40B18H	3.140	B	5/8	1 1/2	2 5/16	2 1/8	2.72
19	E40B19H	3.300	B	5/8	1 3/4	2 1/2	2 1/8	3.10
20	E40B20H	3.460	B	5/8	1 7/8	2 5/8	2 1/4	3.72
21	E40B21H	3.620	B	5/8	1 7/8	2 3/4	2 1/4	4.06
22	E40B22H	3.780	B	5/8	1 7/8	2 7/8	2 1/4	4.52
23	E40B23H	3.940	B	5/8	2	3	2 1/4	4.96
24	E40B24H	4.100	B	5/8	2 1/4	3 1/4	2 1/4	5.64
25	E40B25H	4.260	B	5/8	2 1/4	3 1/4	2 1/4	6.02
26	E40B26	4.420	B	5/8	2 1/4	3 1/4	2 1/4	6.36
30	E40B30	5.060	B	7/8	2 1/4	3 1/4	2 1/4	7.84
35	E40B35	5.860	B	7/8	2 1/4	3 1/4	2 1/4	10.30
36	E40B36	6.020	B	15/16	2 1/2	3 3/4	2 3/8	11.72
42	E40B42	6.970	B	15/16	2 1/2	3 3/4	2 3/8	15.36
48	E40B48	7.930	B	15/16	2 1/2	3 3/4	2 3/8	19.36
52	E40B52	8.570	B	15/16	2 1/2	3 3/4	2 3/8	22.44
60	E40B60	9.840	B	15/16	2 1/2	3 3/4	2 3/8	30.02
68	E40B68	11.120	B	1 3/16	2 3/4	4	2 5/8	38.44
72	E40B72	11.750	B	1 3/16	2 3/4	4	2 5/8	42.46
76	E40B76	12.390	B	1 3/16	2 3/4	4	2 5/8	46.90
84	E40B84	13.660	B	1 3/16	2 3/4	4 1/4	2 3/4	57.30
95	E40B95	15.410	B	1 3/16	2 3/4	4 1/4	2 3/4	62.18
102	E40B102	16.530	B	1 3/16	2 3/4	4 1/4	2 3/4	68.40

# Type B & C - Pilot Bore Sprockets

## No. 41

Pinions	inches
Pitch	1/2"
Roller	0.306"
Tooth width B1	0.227"



## Single-Type B

Teeth	De	Type	D1		Dm	A	W (kg) eigh Lbs. (Approx.)
			Min	Max.			
6	1.170	B	3/8	3/8	21/32	7/8	.07
7	1.340	B	3/8	3/8	3/4	7/8	0.10
8	1.510	B	1/2	1/2	63/64	7/8	0.19
9	1.670	B	1/2	5/8	1 1/8	7/8	0.20
10	1.840	B	1/2	3/4	1 1/4	7/8	0.27
11	2.000	B	1/2	7/8	1 7/16	7/8	0.35
12	2.170	B	1/2	15/16	1 9/16	7/8	0.44
13	2.330	B	1/2	1	1 9/16	7/8	0.50
14	2.490	B	1/2	11/4	1 3/4	7/8	0.57
15	2.650	B	1/2	15/16	129/32	7/8	0.72
16	2.810	B	5/8	13/8	2 1/16	7/8	0.91
17	2.980	B	5/8	1 1/2	215/64	1	1.09
18	3.140	B	5/8	15/8	2 3/8	1	1.25
19	3.300	B	5/8	13/4	215/32	1	1.49
20	3.460	B	5/8	17/8	2 3/4	1	1.64
21	3.620	B	5/8	17/8	2 7/8	1	1.81
22	3.780	B	5/8	2	3	1	1.93
23	3.940	B	5/8	21/4	3 3/16	1	2.25
24	4.100	B	5/8	21/4	3 1/4	1	2.33
25	4.260	B	5/8	21/4	3 1/4	1	2.46
26	4.420	B	5/8	21/4	3 1/4	1	2.50
27	4.580	B	5/8	21/4	3 1/4	1	2.56
28	4.740	B	5/8	21/4	3 1/4	1	2.64
30	5.060	B	5/8	21/4	3 1/4	1	2.80
32	5.380	B	5/8	21/4	3 1/4	1	2.96
35	5.860	B	5/8	23/8	3 1/4	1	3.12
36	6.020	B	5/8	23/8	3 1/4	1	3.32
40	6.650	B	3/4	23/8	3 1/4	1 1/16	4.06
42	6.970	B	3/4	23/8	3 1/2	1 1/16	4.10
45	7.450	B	3/4	23/8	3 1/2	1 1/16	4.18
48	7.930	B	3/4	23/8	3 1/2	1 1/16	4.92
54	8.890	B	3/4	23/8	3 1/2	1 1/16	5.68
60	9.840	B	3/4	23/8	3 1/2	1 1/16	6.78
70	11.430	B	3/4	23/4	4	1 3/16	9.54
72	11.750	B	3/4	23/4	4	1 3/16	9.64
80	13.030	B	3/4	23/4	4	1 3/16	11.54
84	13.660	B	3/4	23/4	4	1 3/16	12.20
96	15.570	B	1	23/4	4	1 3/16	14.86
112	18.120	B	1	23/4	4	1 3/16	19.16

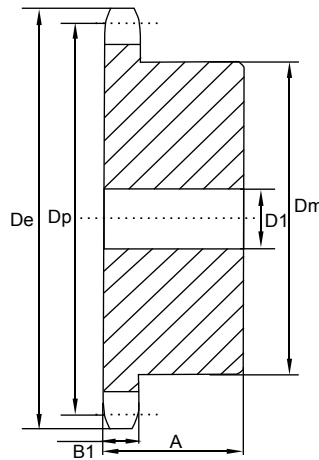
## No. 50

Pinions	inches
Pitch	5/8"
Roller	0.400"
Tooth width B1	0.343"

\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat



## Single-Type B

Teeth	De	Number	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
8	1.880	50B08	B	5/8	5/8	1 1/8*	1	.25
9	2.090	50B09	B	5/8	3/4	1 3/8*	1	.36
10	2.300	50B10	B	5/8	7/8	1 9/16*	1	.48
11	2.500	50B11	B	5/8	1	1 3/4*	1	.64
12	2.710	50B12	B	5/8	1 1/4	1 63/64*	1	.83
13	2.910	50B13	B	5/8	15/16	1 7/8	1	.88
14	3.110	50B14	B	5/8	17/16	2 1/8	1	1.13
15	3.320	50B15	B	5/8	1 1/2	2 3/8	1	1.34
16	3.520	50B16	B	5/8	13/4	2 1/2	1	1.51
17	3.720	50B17	B	5/8	17/8	2 11/16	1	1.74
18	3.920	50B18	B	5/8	17/8	2 7/8	1	2.00
19	4.120	50B19	B	5/8	2	3	1	2.22
20	4.320	50B20	B	3/4	2	3	1	2.28
21	4.520	50B21	B	3/4	2	3	1	2.40
22	4.720	50B22	B	3/4	2	3	1	2.56
23	4.920	50B23	B	3/4	2	3	1	2.66
24	5.120	50B24	B	3/4	2	3	1 1/4	3.30
25	5.320	50B25	B	3/4	2	3	1 1/4	3.40
26	5.520	50B26	B	3/4	2	3	1 1/4	3.44
27	5.720	50B27	B	3/4	2	3	1 1/4	3.74
28	5.920	50B28	B	3/4	2	3	1 1/4	3.80
29	6.120	50B29	B	3/4	2	3	1 1/4	4.06
30	6.320	50B30	B	3/4	2 1/4	3 1/4	1 1/4	4.56
31	6.520	50B31	B	3/4	2 1/4	3 1/4	1 1/4	4.74
32	6.720	50B32	B	3/4	2 1/4	3 1/4	1 1/4	4.96
33	6.920	50B33	B	3/4	2 1/4	3 1/4	1 1/4	5.20
34	7.120	50B34	B	3/4	2 1/4	3 1/4	1 1/4	5.14
35	7.320	50B35	B	3/4	2 1/4	3 1/4	1 1/4	5.44
36	7.520	50B36	B	3/4	2 1/4	3 1/4	1 1/4	5.64
37	7.720	50B37	B	3/4	2 1/4	3 1/4	1 1/4	5.90
38	7.920	50B38	B	3/4	2 1/4	3 1/4	1 1/4	6.08

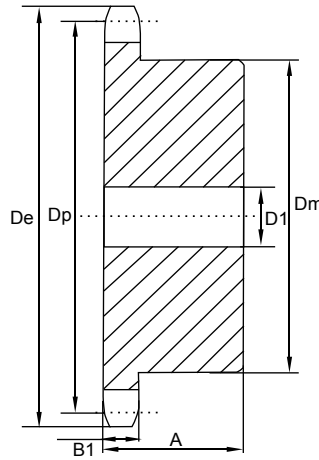
## No. 50

Pinions	inches
Pitch	5/8"
Roller	0.400"
Tooth width B1	0.343"

\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, or setscrew at angle to keyseat

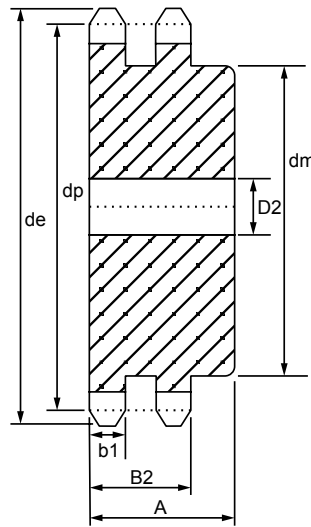
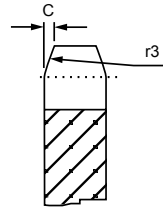


## Single-Type B

Teeth	De	Number	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
39	8.120	50B39	B	3/4	2 1/4	3 1/4	1 1/4	6.30
40	8.320	50B40	B	3/4	2 1/4	3 1/4	1 1/4	6.50
41	8.520	50B41	B	3/4	2 1/4	3 1/4	1 1/4	6.64
42	8.720	50B42	B	3/4	2 1/4	3 1/4	1 1/4	6.96
43	8.910	50B43	B	3/4	2 1/4	3 1/4	1 1/4	7.06
44	9.110	50B44	B	3/4	2 1/4	3 1/4	1 1/4	7.58
45	9.310	50B45	B	3/4	2 1/2	3 3/4	1 1/4	8.58
46	9.510	50B46	B	3/4	2 1/2	3 3/4	1 1/4	8.22
47	9.710	50B47	B	3/4	2 1/2	3 3/4	1 1/4	8.48
48	9.910	50B48	B	1	2 1/2	3 3/4	1 1/4	9.28
49	10.110	50B49	B	1	2 1/2	3 3/4	1 1/4	9.22
50	10.310	50B50	B	1	2 1/2	3 3/4	1 1/4	9.88
51	10.510	50B51	B	1	2 1/2	3 3/4	1 1/4	9.70
52	10.710	50B52	B	1	2 1/2	3 3/4	1 1/4	10.24
53	10.910	50B53	B	1	2 1/2	3 3/4	1 1/4	10.48
54	11.110	50B54	B	1	2 1/2	3 3/4	1 1/4	11.00
55	11.310	50B55	B	1	2 1/2	3 3/4	1 1/4	10.93
56	11.500	50B56	B	1	2 1/2	3 3/4	1 1/4	11.50
57	11.700	50B57	B	1	2 1/2	3 3/4	1 1/4	12.00
58	11.900	50B58	B	1	2 1/2	3 3/4	1 1/4	11.82
59	12.100	50B59	B	1	2 1/2	3 3/4	1 1/4	12.32
60	12.300	50B60	B	1	2 1/2	3 3/4	1 1/4	13.00
70	14.290	50B70	B	1	2 1/2	3 3/4	1 3/4	18.16
72	14.690	50B72	B	1	2 1/2	3 3/4	1 3/4	19.48
76	15.486	50B76	B	1	2 1/2	3 3/4	1 3/4	21.00
80	16.280	50B80	B	1	2 3/4	4 1/4	1 3/4	24.74
84	17.080	50B84	B	1	2 3/4	4 1/4	1 3/4	25.50
95	19.270	50B95	B	1	2 3/4	4 1/4	1 3/4	32.00
96	19.470	50B96	B	1	2 3/4	4 1/4	1 3/4	32.92
112	22.650	50B112	B	1	2 3/4	4 1/4	1 3/4	42.00

## No. 50-2

Pinions	inches
Pitch	5/8"
Roller	0.400"
Tooth width B1	0.332"
Tooth width B2	1.045"



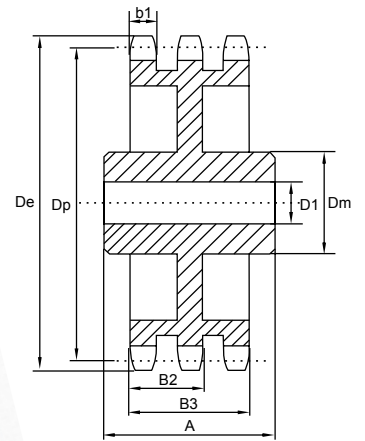
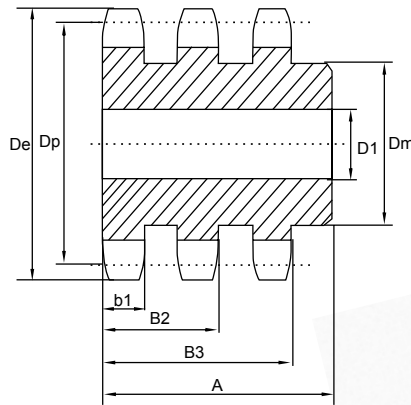
## Duplex Type B

Teeth	Number	De	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
11	D50B11H	2.500	B	5/8	15/16	1 15/32	1 3/4	.96
12	D50B12H	2.710	B	5/8	1 1/8	1 11/16	1 3/4	1.25
13	D50B13H	2.910	B	5/8	1 5/16	1 7/8	1 3/4	1.56
14	D50B14H	3.110	B	5/8	1 3/8	2 1/16	1 3/4	1.86
15	D50B15H	3.320	B	3/4	1 1/2	2 5/16	1 3/4	2.22
16	D50B16H	3.520	B	3/4	1 3/4	2 1/2	1 3/4	2.62
17	D50B17H	3.720	B	3/4	1 7/8	2 11/16	1 3/4	3.04
18	D50B18H	3.920	B	3/4	1 15/16	2 15/16	1 3/4	3.58
19	D50B19H	4.120	B	1	2 1/8	3 1/8	1 3/4	3.90
20	D50B20H	4.320	B	1	2 1/4	3 1/4	1 3/4	4.26
21	D50B21H	4.520	B	1	2 3/8	3 1/2	1 3/4	4.90
22	D50B22H	4.720	B	1	2 3/8	3 9/16	1 7/8	5.58
23	D50B23H	4.920	B	1	2 1/2	3 5/8	1 7/8	6.10
24	D50B24H	5.120	B	1	2 1/2	3 5/8	1 7/8	6.50
25	D50B25H	5.320	B	1	2 1/2	3 5/8	1 7/8	6.94
26	D50B26	5.520	B	1	2 1/2	3 3/4	1 7/8	7.54
30	D50B30	6.320	B	1	2 1/2	3 3/4	1 7/8	9.40
32	D50B32	6.720	B	1	2 1/2	3 3/4	1 7/8	10.46
35	D50B35	7.320	B	1	2 1/2	3 3/4	1 7/8	12.28
36	D50B36	7.520	B	13/16	2 3/4	4	2 1/8	13.94
40	D50B40	8.320	B	13/16	2 3/4	4	2 1/8	16.54
42	D50B42	8.720	B	13/16	2 3/4	4	2 1/8	17.92
45	D50B45	9.310	B	13/16	2 3/4	4	2 1/8	20.30
48	D50B48	9.910	B	13/16	2 3/4	4 1/4	2 3/8	24.08
52	D50B52	10.710	B	13/16	2 3/4	4 1/4	2 3/8	27.42
54	D50B54	11.110	B	13/16	2 3/4	4 1/4	2 3/8	29.16
60	D50B60	12.300	B	15/16	3	4 1/2	2 3/8	35.88
68	D50B68	13.890	B	15/16	3	4 1/2	2 3/8	44.98
72	D50B72	14.690	B	15/16	3	4 1/2	2 3/8	50.22
76	D50B76	15.490	B	15/16	3	4 1/2	2 3/8	45.64
84	D50B84	17.080	B	15/16	3	4 1/2	2 3/8	51.64
95	D50B95	19.270	B	15/16	3	4 1/2	2 3/8	64.32
96	D50B96	19.470	B	15/16	3	4 1/2	2 3/8	67.42
102	D50B102	20.660	B	15/16	3	4 1/2	2 3/8	72.68
112	D50B112	22.650	B	15/16	3 5/16	5 1/4	2 3/8	90.22

# Type B & C - Pilot Bore Sprockets

## No. 50-3

Pinions	inches
Pitch	5/8"
Roller	0.400"
Tooth width B1	0.332"
Tooth width B2	1.045"
Tooth width B3	1.758"



\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at angle to keyseat.



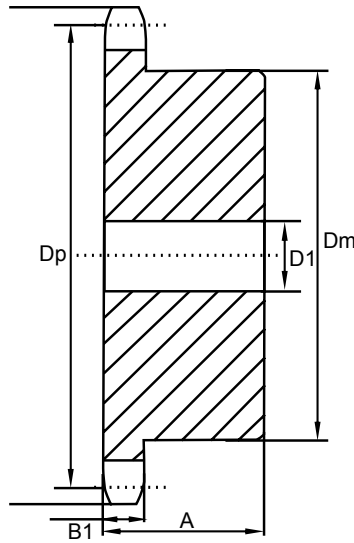
## Triplex Type B & C

Teeth	Number	De	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
11	E50B11H	2.500	B	5/8	15/16	1 15/32	2 1/2	1.42
12	E50B12H	2.710	B	5/8	1 1/8	1 11/16	2 1/2	1.84
13	E50B13H	2.910	B	5/8	1 5/16	1 7/8	2 1/2	2.28
14	E50B14H	3.110	B	5/8	1 3/8	2 1/16	2 1/2	2.72
15	E50B15H	3.320	B	3/4	1 1/2	2 5/16	2 1/2	3.24
16	E50B16H	3.520	B	3/4	1 3/4	2 1/2	2 1/2	3.76
17	E50B17H	3.720	B	3/4	1 7/8	2 11/16	2 1/2	4.38
18	E50B18H	3.920	B	3/4	1 15/16	2 15/16	2 1/2	5.10
19	E50B19H	4.120	B	1	2 1/8	3 1/8	2 1/2	5.60
20	E50B20H	4.320	B	1	2 1/4	3 1/4	2 5/8	6.42
21	E50B21H	4.520	B	1	2 3/8	3 1/2	2 5/8	7.42
22	E50B22H	4.720	B	1	2 3/8	3 9/16	2 5/8	7.92
23	E50B23H	4.920	B	1	2 1/2	3 5/8	2 5/8	8.80
24	E50B24H	5.120	B	1	2 1/2	3 5/8	2 5/8	9.42
25	E50B25H	5.320	B	1	2 1/2	3 5/8	2 5/8	10.16
26	E50B26	5.520	B	1	2 1/2	3 3/4	2 5/8	11.02
30	E50B30	6.320	B	1	2 1/2	3 3/4	2 5/8	14.24
35	E50B35	7.320	B	1	2 1/2	3 3/4	2 5/8	18.96
36	E50B36	7.520	B	1 3/16	2 3/4	4	2 3/4	20.60
42	E50B42	8.720	B	1 3/16	2 3/4	4	2 3/4	27.46
48	E50B48	9.910	B	1 3/16	2 3/4	4	3 1/8	36.64
52	E50B52	10.710	B	1 3/16	2 3/4	4	3 1/8	42.54
60	E50B60	12.300	B	1 5/16	3	4 1/2	3 1/8	56.84
68	E50B68	13.890	B	1 5/16	3	4 1/2	3 1/8	73.21
72	E50C72	14.690	C	1 5/16	3	4 3/4	3 1/2	54.40
76	E50C76	15.490	C	1 5/16	3	4 3/4	3 1/2	51.20
84	E50C84	17.080	C	1 5/16	3	4 3/4	3 1/2	65.32
95	E50C95	19.270	C	1 5/16	3	4 3/4	3 3/4	74.42
102	E50C102	20.660	C	1 5/16	3	4 3/4	3 3/4	79.94



**No. 60**

Pinions	inches
Pitch	3/4"
Roller	0.468"
Tooth width B1	0.459"

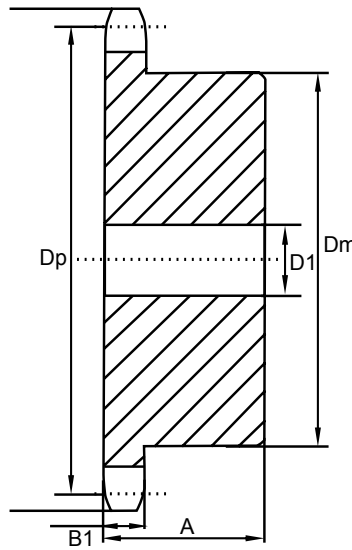


**Single-Type B**

Teeth	De	Number	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
8	2.260	60B08	B	5/8	5/8	1 15/32*	11/4	.54
9	2.510	60B09	B	3/4	7/8	1 9/16*	11/4	.64
10	2.760	60B10	B	3/4	1 1/8	1 15/16*	11/4	.99
11	3.000	60B11	B	3/4	1 5/16	2 1/16*	11/4	1.16
12	3.250	60B12	B	3/4	1 3/8	2 3/8*	11/4	1.47
13	3.490	60B13	B	3/4	1 1/2	2 11/32	11/4	1.66
14	3.740	60B14	B	3/4	1 3/4	2 9/16	11/4	2.00
15	3.980	60B15	B	3/4	1 7/8	2 7/8	11/4	2.51
16	4.220	60B16	B	3/4	2	3 1/16	11/4	2.81
17	4.460	60B17	B	3/4	2 1/4	3 1/4	11/4	3.22
18	4.700	60B18	B	3/4	2 3/8	3 1/2	11/4	3.72
19	4.950	60B19	B	3/4	2 3/8	3 1/2	11/4	3.92
20	5.190	60B20	B	3/4	2 5/8	3 7/8	11/4	4.63
21	5.430	60B21	B	3/4	2 3/4	4	11/4	5.00
22	5.670	60B22	B	3/4	2 3/4	4	11/4	5.25
23	5.910	60B23	B	3/4	2 3/4	4	11/4	5.48
24	6.150	60B24	B	3/4	2 3/4	4	11/4	5.78
25	6.390	60B25	B	3/4	2 3/4	4	11/4	6.13
26	6.630	60B26	B	3/4	2 3/4	4	11/4	6.38
27	6.870	60B27	B	3/4	2 3/4	4	11/4	6.72
28	7.110	60B28	B	3/4	2 3/4	4	11/4	6.88
29	7.350	60B29	B	3/4	2 3/4	4	11/4	7.28
30	7.590	60B30	B	3/4	2 3/4	4	11/4	7.58
31	7.830	60B31	B	3/4	2 3/4	4	11/4	7.72
32	8.070	60B32	B	3/4	2 3/4	4	11/4	8.26
33	8.300	60B33	B	1	2 3/4	4	11/4	8.42
34	8.540	60B34	B	1	2 3/4	4	11/4	8.80
35	8.780	60B35	B	1	2 3/4	4	11/4	9.04
36	9.020	60B36	B	1	2 3/4	4	11/4	9.60
37	9.260	60B37	B	1	2 3/4	4	11/4	10.24
38	9.500	60B38	B	1	2 3/4	4 1/4	11/4	10.84
39	9.740	60B39	B	1	2 3/4	4 1/4	11/4	11.36
40	9.980	60B40	B	1	2 3/4	4 1/4	11/4	11.50

## No. 60

Pinions	inches
Pitch	3/4"
Roller	0.468"
Tooth width B1	0.459"



### Single-Type B

Teeth	De	Number	Type	D1		Dm	A	W (kg) Weight Lbs. (Approx.)
				Min	Max.			
41	10.220	60B41	B	1	2 3/4	4 1/4	11/4	12.14
42	10.460	60B42	B	1	2 3/4	4 1/4	11/4	12.74
43	10.700	60B43	B	1	2 3/4	4 1/4	11/4	13.00
44	10.940	60B44	B	15/16	2 3/4	4 1/4	11/4	13.88
45	11.180	60B45	B	15/16	2 3/4	4 1/4	11/4	13.98
46	11.420	60B46	B	15/16	2 3/4	4 1/4	11/4	14.60
47	11.650	60B47	B	15/16	2 3/4	4 1/4	11/4	15.00
48	11.890	60B48	B	15/16	2 3/4	4 1/4	11/4	15.82
49	12.130	60B49	B	15/16	2 3/4	4 1/4	11/4	15.90
50	12.370	60B50	B	15/16	2 3/4	4 1/4	11/4	16.98
51	12.610	60B51	B	15/16	2 3/4	4 1/4	11/4	17.66
52	12.850	60B52	B	15/16	2 3/4	4 1/4	11/4	17.93
53	13.090	60B53	B	15/16	2 3/4	4 1/4	11/4	17.99
54	13.330	60B54	B	15/16	2 3/4	4 1/4	13/4	21.14
55	13.570	60B55	B	11/4	2 3/4	4 1/4	13/4	21.60
56	13.810	60B56	B	11/4	2 3/4	4 1/4	13/4	21.88
57	14.040	60B57	B	11/4	2 3/4	4 1/4	13/4	22.26
58	14.280	60B58	B	11/4	2 3/4	4 1/4	13/4	22.80
59	14.520	60B59	B	11/4	2 3/4	4 1/4	13/4	23.86
60	14.760	60B60	B	11/4	2 3/4	4 1/4	13/4	25.22
64	15.720	60B64	B	11/4	2 3/4	4 1/4	13/4	27.40
65	15.960	60B65	B	11/4	2 3/4	4 1/4	13/4	28.92
66								
68	16.670	60B68	B	11/4	2 3/4	4 1/4	13/4	30.38
70	17.150	60B70	B	11/4	2 3/4	4 1/4	13/4	31.98
72	17.630	60B72	B	11/4	2 3/4	4 1/4	2	34.18
76	18.580	60B76	B	11/4	2 3/4	4 1/4	2	38.06
80	19.540	60B80	B	11/4	2 3/4	4 1/4	2	41.88
84	20.490	60B84	B	11/4	3 1/4	4 3/4	2	46.46
90	21.930	60B90	B	11/4	3 5/16	5	21/4	63.20
96	23.360	60B96	B	11/4	3 3/4	5 1/2	21/4	63.08
112	27.180	60B112	B	11/4	3 3/4	5 1/2	21/4	81.78

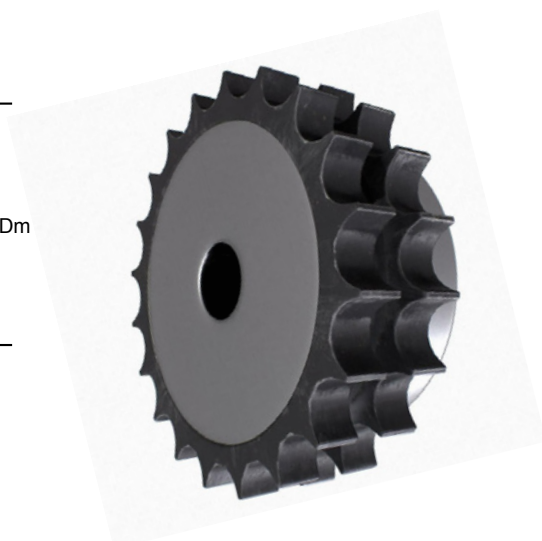
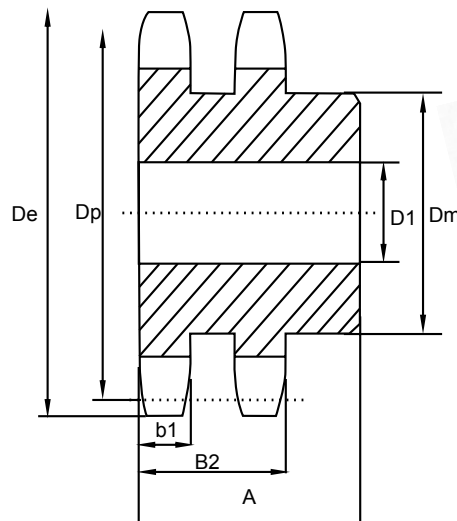
## No. 60-2

Pinions	inches
Pitch	3/4"
Roller	0.468"
Tooth width B1	0.444"
Tooth width B2	1.341"

\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at angle to keyseat



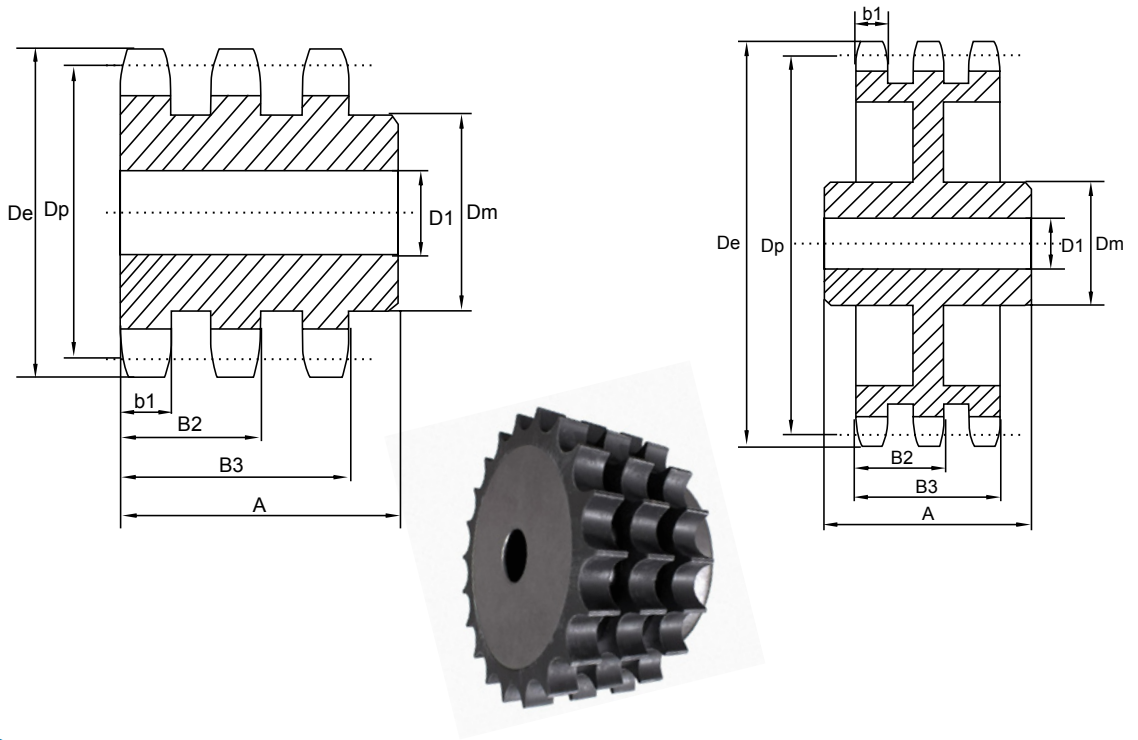
## Duplex Type B & C

Teeth	Number	De	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
11	D60B11H	3.000	B	1	1 1/4	1 13/16	2 1/8	1.62
12	D60B12H	3.250	B	1	1 7/16	2 1/8	2 1/8	2.20
13	D60B13H	3.490	B	1	1 1/2	2 1/4	2 1/8	2.60
14	D60B14H	3.740	B	1	1 3/4	2 1/2	2 1/8	3.24
15	D60B15H	3.980	B	1	1 7/8	2 13/16	2 1/8	3.96
16	D60B16H	4.220	B	1	2	3	2 1/8	4.62
17	D60B17H	4.460	B	1	2 1/4	3 1/4	2 1/8	5.40
18	D60B18H	4.700	B	1	2 3/8	3 1/2	2 1/8	6.24
19	D60B19H	4.950	B	1	2 1/2	3 11/16	2 1/8	7.00
20	D60B20H	5.190	B	1	2 1/2	3 3/4	2 1/8	7.72
21	D60B21H	5.430	B	1	2 3/4	4 1/8	2 1/8	8.82
22	D60B22H	5.670	B	1	2 3/4	4 1/4	2 1/8	9.68
23	D60B23H	5.910	B	1	2 3/4	4 1/4	2 1/8	10.30
24	D60B24H	6.150	B	1	2 3/4	4 1/4	2 1/8	11.14
25	D60B25H	6.390	B	1	2 3/4	4 1/4	2 1/8	11.96
26	D60B26	6.630	B	1	2 3/4	4 1/4	2 1/8	12.70
30	D60B30	7.590	B	1	2 3/4	4 1/4	2 1/8	16.36
32	D60B32	8.070	B	1 1/4	3	4 1/2	2 3/8	19.52
35	D60B35	8.780	B	1 1/4	3	4 1/2	2 3/8	22.80
36	D60B36	9.020	B	1 1/4	3	4 1/2	2 3/8	23.82
40	D60B40	9.980	B	1 1/4	3 1/4	4 3/4	2 3/4	30.84
42	D60B42	10.460	B	1 1/4	3 1/4	4 3/4	2 3/4	33.08
45	D60B45	11.180	B	1 1/4	3 1/4	4 3/4	2 3/4	37.08
52	D60B52	12.850	B	1 1/4	3 1/4	4 3/4	2 3/4	48.70
60	D60B60	14.760	B	1 1/4	3 1/4	4 3/4	2 3/4	63.10
68	D60C68	16.670	C	1 1/4	3 5/16	5	3	53.68
72	D60C72	17.630	C	1 1/4	3 5/16	5	3	53.74
76	D60C76	18.580	C	1 1/4	3 5/16	5	3	60.28
95	D60C95	23.120	C	1 1/4	3 3/4	5 1/2	3 1/2	87.14

# Type B & C - Pilot Bore Sprockets

## No. 60-3

Pinions	inches
Pitch	5/8"
Roller	0.468"
Tooth width B1	0.444"
Tooth width B2	1.341"
Tooth width B3	2.238



## Triplex Type B & C

Teeth	Number	$D_e$	Type	$D_1$		$D_m$	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
11	E60B11H	3.000	B	1	1 1/4	1 13/16	3	2.5
12	E60B12H	3.250	B	1	1 7/16	2 1/8	3	3.3
13	E60B13H	3.490	B	1	1 1/2	2 1/4	3	3.9
14	E60B14H	3.740	B	1	1 3/4	2 1/2	3	4.5
15	E60B15H	3.980	B	1	1 7/8	2 13/16	3	5.4
16	E60B16H	4.220	B	1	2	3	3	6.5
17	E60B17H	4.460	B	1	2 1/4	3 1/4	3	7.7
18	E60B18H	4.700	B	1	2 3/8	3 1/2	3	8.5
19	E60B19H	4.950	B	1	2 1/2	3 11/16	3	10.0
20	E60B20H	5.190	B	1	2 1/2	3 3/4	3	11.2
21	E60B21H	5.430	B	1	2 3/4	4 1/8	3	12.5
22	E60B22H	5.670	B	1	2 3/4	4 1/4	3	13.2
23	E60B23H	5.910	B	1	2 3/4	4 1/4	3	14.6
24	E60B24H	6.150	B	1	2 3/4	4 1/4	3	15.8
25	E60B25H	6.390	B	1	2 3/4	4 1/4	3	17.0
26	E60B26	6.630	B	1	2 3/4	4 1/4	3	18.6
30	E60B30	7.590	B	1	2 3/4	4 1/4	3	23.2
35	E60B35	8.780	B	1 1/4	3	4 1/2	3 1/4	34.5
36	E60B36	9.020	B	1 1/4	3	4 1/2	3 1/4	37.0
42	E60B42	10.460	B	1 1/4	3 1/4	4 3/4	3 5/8	49.0
45	E60B45	11.180	B	1 1/4	3 1/4	4 3/4	3 5/8	57.0
52	E60C52	12.850	C	1 1/4	3 1/4	4 3/4	3 1/2	73.0
60	E60C60	14.760	C	1 1/4	3 1/4	4 3/4	3 1/2	63.0
68	E60C68	16.670	C	1 1/4	3 1/4	5	3 1/2	73.0
72	E60C72	17.630	C	1 1/4	3 1/4	5	3 1/2	85.0
76	E60C76	18.580	C	1 1/2	3 3/4	5 1/2	3 1/2	82.0
95	E60C95	23.120	C	1 1/2	3 3/4	5 1/2	4	105.0

# Type B & C - Pilot Bore Sprockets

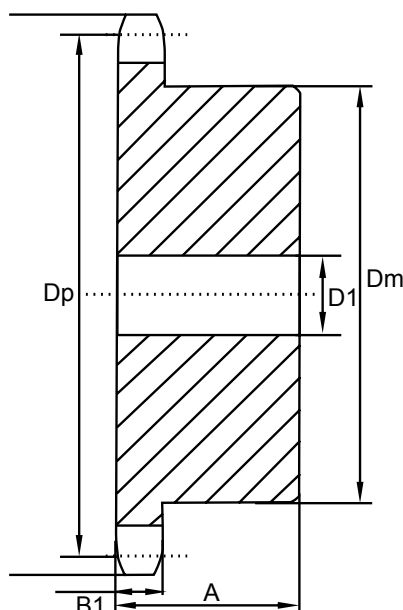
## No. 80

Pinions	inches
Pitch	1"
Roller	0.625"
Tooth width B1	0.575"

\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at angle to keyseat



## Single-Type B & C

Teeth	De	Number	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
8	3.010	80B08	B	1	1	1 15/16*	1 5/8	1.4
9	3.350	80B09	B	1	1 5/16	2 1/4*	1 5/8	1.6
10	3.680	80B10	B	1	1 1/2	2 9/16*	1 5/8	2.2
11	4.010	80B11	B	1	1 5/8	2 13/16*	1 5/8	3.2
12	4.330	80B12	B	1	1 7/8	3 1/8*	1 5/8	3.4
13	4.660	80B13	B	1	2	3	1 1/2	3.5
14	4.980	80B14	B	1	2 1/4	3 1/4	1 1/2	4.1
15	5.300	80B15	B	1	2 1/2	3 13/16	1 1/2	5.3
16	5.630	80B16	B	1	2 3/4	4	1 1/2	5.9
17	5.950	80B17	B	1	2 3/4	4	1 1/2	6.6
18	6.270	80B18	B	1	2 3/4	4 1/4	1 1/2	7.3
19	6.590	80B19	B	1	2 3/4	4 1/4	1 1/2	7.8
20	6.910	80B20	B	1	2 3/4	4 1/4	1 1/2	8.4
21	7.240	80B21	B	1	2 3/4	4 1/4	1 3/4	9.4
22	7.560	80B22	B	1	2 3/4	4 1/4	1 3/4	10.0
23	7.880	80B23	B	1	2 3/4	4 1/4	1 3/4	10.7
24	8.200	80B24	B	1	2 3/4	4 1/4	1 3/4	11.3
25	8.520	80B25	B	1	2 3/4	4 1/4	1 3/4	11.9
26	8.840	80B26	B	1 1/4	3 1/4	4 3/4	2	14.3
27	9.160	80B27	B	1 1/4	3 1/4	4 3/4	2	15.4
28	9.480	80B28	B	1 1/4	3 1/4	4 3/4	2	16.0
29	9.800	80B29	B	1 3/16	3 1/4	4 3/4	2	17.1
30	10.110	80B30	B	13/16	3 1/4	4 3/4	2	17.4
31	10.430	80B31	B	13/16	3 1/4	4 3/4	2	18.7
32	10.750	80B32	B	13/16	3 1/4	4 3/4	2	19.5
33	11.070	80B33	B	13/16	3 1/4	4 3/4	2	19.6
34	11.390	80B34	B	13/16	3 1/4	4 3/4	2	21.3
35	11.710	80B35	B	13/16	3 1/4	4 3/4	2	22.1
36	12.030	80B36	B	13/16	3 1/4	4 3/4	2	23.1
37	12.350	80B37	B	13/16	3 1/4	4 3/4	2	23.8
38	12.670	80B38	B	13/16	3 1/4	4 3/4	2	24.7

# Type B & C - Pilot Bore Sprockets

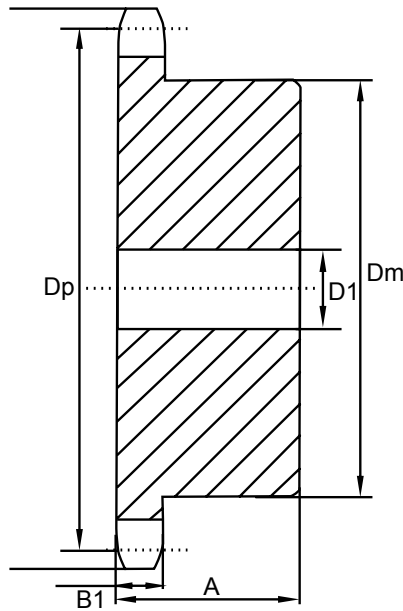
## No. 80

Pinions	inches
Pitch	1"
Roller	0.625"
Tooth width B1	0.575"

\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at angle to keyseat



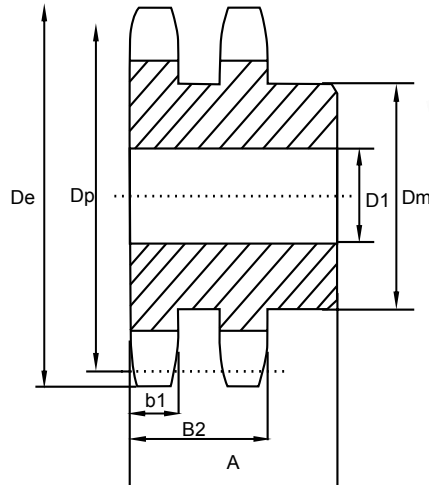
## Single-Type B & C

Teeth	Number	Type	D1		Dm	A	W (kg)eight Lbs. (Approx.)
			Min	Max.			
39	80B39	B	13/16	3 1/4	4 3/4	2	25.6
40	80B40	B		3 1/4	4 3/4	2	26.7
41	80B41	B	11/4	3 1/4	4 3/4	2	27.8
42	80B42	B	11/4	3 1/4	4 3/4	2	28.7
43	80B43	B	11/4	3 1/4	4 3/4	2	29.4
44	80B44	B	11/4	3 1/4	4 3/4	2	29.9
45	80B45	B	11/4	3 1/4	4 3/4	2	31.4
46	80B46	B	11/4	3 1/4	4 3/4	2	33.1
47	80B47	B	11/4	3 1/4	4 3/4	2	34.0
48	80B48	B	11/4	3 1/4	4 3/4	2	35.5
49	80B49	B	11/4	3 1/4	4 3/4	2	35.8
50	80B50	B	11/4	3 1/4	4 3/4	2	37.3
51	80B51	B	11/4	3 1/4	4 3/4	2	38.6
52	80B52	B	11/4	3 1/4	4 3/4	2	39.4
53	80B53	B	11/4	3 1/4	4 3/4	2	41.3
54	80B54	B	11/4	3 1/2	5 1/4	2	44.7
55	80B55	B	11/4	3 1/2	5 1/4	2	45.6
56	80B56	B	11/4	3 1/2	5 1/4	2	47.5
57	80B57	B	11/4	3 1/2	5 1/4	2	48.5
58	80B58	B	11/4	3 1/2	5 1/4	2	50.5
59	80B59	B	11/4	3 1/2	5 1/4	2	52.1
60	80B60	B	11/4	3 1/2	5 1/4	2	54.5
65	80B65	B	11/4	3 1/2	5 1/4	2	61.8
70	80C70	C	1 1/2	4 1/4	6 1/4	3 1/2	75.7
72	80C72	C	1 1/2	4 1/4	6 1/4	3 1/2	81.4
76	80C76	C	1 1/2	4 1/4	6 1/4	3 1/2	87.8
80	80C80	C	1 1/2	4 1/4	6 1/4	3 1/2	89.9
84	80C84	C	1 1/2	4 1/4	6 1/4	3 1/2	99.2
90	80C90	C	1 1/2	4 1/4	6 1/4	3 1/2	106
96	80C96	C	1 1/2	4 1/4	6 1/4	3 1/2	117
112	80C112	C	1 1/2	4 1/4	6 1/4	3 1/2	154

# Type B & C - Pilot Bore Sprockets

## No. 80-2

Pinions	inches
Pitch	1"
Roller	0.625"
Tooth width B1	0.557"
Tooth width B2	1.710"



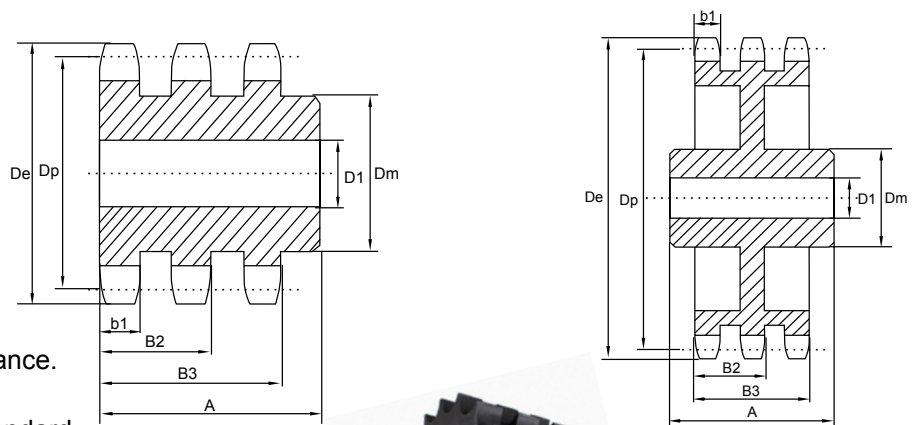
## Duplex Type B & C

Teeth	Number	De	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
10	D80B10H	3.680	B	1	1 1/2	2 9/16*	2 3/4	3.6
11	D80B11H	4.010	B	1	1 3/4	2 1/2*	2 1/2	4.0
12	D80B12H	4.330	B	1	1 7/8	2 27/32	2 1/2	5.1
13	D80B13H	4.660	B	1	2 1/4	3 5/32	2 1/2	6.3
14	D80B14H	4.980	B	1	2 3/8	3 15/32	2 1/2	7.6
15	D80B15H	5.300	B	1	2 1/2	3 51/64	2 1/2	9.0
16	D80B16H	5.630	B	1	2 3/4	4	2 3/4	11.0
17	D80B17H	5.950	B	1	3	4 27/64	2 3/4	13.2
18	D80B18H	6.270	B	1	3 1/4	4 47/64	2 3/4	15.0
19	D80B19H	6.590	B	1	3 5/16	5	2 3/4	17.0
20	D80B20H	6.910	B	1	3 5/16	5	2 3/4	18.2
21	D80B21H	7.240	B	1	3 5/16	5	2 3/4	19.6
22	D80B22H	7.560	B	1	3 5/16	5	2 3/4	21.0
23	D80B23H	7.880	B	1	3 5/16	5	2 3/4	22.8
24	D80B24H	8.200	B	1	3 1/2	5 1/4	2 3/4	25.1
25	D80B25H	8.520	B	1	3 1/2	5 1/4	3	28.3
26	D80B26	8.840	B	1	3 1/2	5 1/4	3	29.9
30	D80B30	10.110	B	/	3 3/4	5 3/4	3	39.5
32	D80B32	10.750	B	/	3 3/4	5 3/4	3	43.8
35	D80B35	11.710	B	/	3 3/4	5 3/4	3	49.1
36	D80B36	12.030	B	/	3 3/4	5 3/4	3 1/8	54.2
42	D80B42	13.940	B	/	3 3/4	5 3/4	3 1/8	71.5
45	D80B45	14.900	B	/	3 3/4	5 3/4	3 1/8	73.5
52	D80C52	17.130	C	/	3 3/4	5 3/4	3 3/4	78.4
60	D80C60	19.680	C	/	3 3/4	5 3/4	3 3/4	93.4
68	D80C68	22.230	C	/	3 13/16	6	4	96.2
76	D80C76	24.780	C	/	3 13/16	6	4	113
95	D80C95	30.830	C	/	4	6	4 1/4	165

# Type B & C - Pilot Bore Sprockets

## No. 80-3

Pinions	inches
Pitch	1"
Roller	0.625"
Tooth width B1	0.557"
Tooth width B2	1.710"
Tooth width B3	2.863"



\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at angle to keyseat.



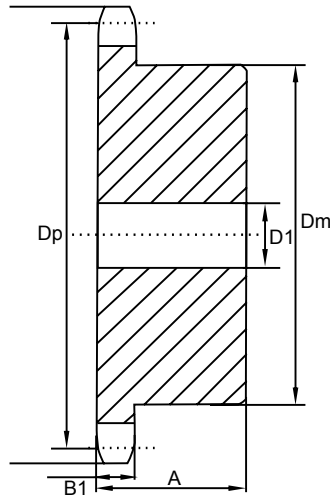
## Triplex Type B & C

Teeth	Number	De	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
11	E80B11H	4.010	B	1	1 3/4	2 1/2	3 5/8	5.9
12	E80B12H	4.330	B	1	1 7/8	2 27/32	3 5/8	7.5
13	E80B13H	4.660	B	1	2 1/4	3 5/32	3 5/8	9.2
14	E80B14H	4.980	B	1	2 3/8	3 15/32	3 5/8	11.0
15	E80B15H	5.300	B	1	2 1/2	3 51/64	3 5/8	13.1
16	E80B16H	5.630	B	1	2 3/4	4	3 7/8	15.8
17	E80B17H	5.950	B	1	3	4 27/64	3 7/8	18.6
18	E80B18H	6.270	B	1	3 1/4	4 47/64	3 7/8	21.2
19	E80B19H	6.590	B	1	3 5/16	5	3 7/8	23.7
20	E80B20H	6.910	B	1	3 5/16	5	3 7/8	26.0
21	E80B21H	7.240	B	1	3 5/16	5	3 7/8	28.4
22	E80B22H	7.560	B	1	3 5/16	5	3 7/8	31.0
23	E80B23H	7.880	B	1	3 5/16	5	3 7/8	33.6
24	E80B24H	8.200	B	1	3 1/2	5 1/4	3 7/8	37.1
25	E80B25H	8.520	B	1	3 1/2	5 1/4	3 7/8	40.1
26	E80B26	8.840	B	1	3 1/2	5 1/4	3 7/8	42.9
30	E80B30	10.110	B	1 1/4	3 3/4	5 3/4	4 1/4	54.5
35	E80B35	11.710	B	1 1/4	3 3/4	5 3/4	4 1/4	79.5
36	E80B36	12.030	B	1 1/4	3 3/4	5 3/4	4 1/4	83.9
42	E80C42	13.940	C	1 1/4	3 13/16	6	4 1/2	84.9
45	E80C45	14.900	C	1 1/4	3 13/16	6	4 1/2	92.4
52	E80C52	17.130	C	1 1/2	3 13/16	6	4 1/2	107
60	E80C60	19.680	C	1 1/2	4 1/4	6 1/4	4 3/4	128
68	E80C68	22.230	C	1 1/2	4 1/4	6 1/4	4 3/4	140
76	E80C76	24.780	C	1 1/2	4 1/4	6 1/4	4 3/4	165
95	E80C95	30.830	C	1 1/2	4 1/2	6 3/4	5	240



## No. 100

Pinions	inches
Pitch	1-1/4"
Roller	0.750"
Tooth width B1	0.692"

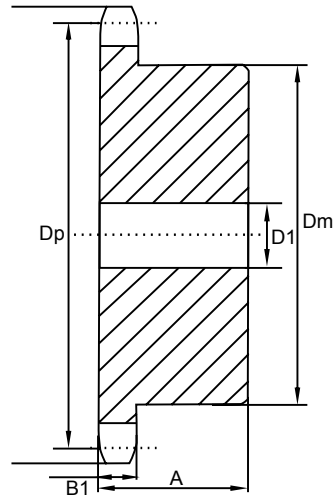


## Single-Type B & C

Teeth	De	Number	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
7	3.350							
8	3.770	100B08	B	1	1 1/4	2 7/16*	1 7/8	2.3
9	4.180	100B09	B	1	1 5/8	2 13/16*	1 7/8	3.2
10	4.600	100B10	B	1	1 7/8	3 1/4*	1 7/8	4.1
11	5.010	100B11	B	1	2 1/4	3 9/16*	1 7/8	5.3
12	5.420	100B12	B	1	2 1/4	4*	1 7/8	6.4
13	5.820	100B13	B	1	2 3/8	3 7/8	1 5/8	6.6
14	6.230	100B14	B	1 1/4	2 3/4	4 3/16	1 5/8	7.4
15	6.630	100B15	B	1 1/4	3	4 1/2	1 3/4	9.2
16	7.030	100B16	B	15/16	3	4 1/2	1 3/4	9.9
17	7.440	100B17	B	15/16	3	4 1/2	1 3/4	10.8
18	7.840	100B18	B	15/16	3	4 1/2	1 3/4	11.5
19	8.240	100B19	B	15/16	3	4 1/2	2	13.1
20	8.640	100B20	B	15/16	3	4 1/2	2	14.2
21	9.040	100B21	B	15/16	3	4 1/2	2	15.3
22	9.440	100B22	B	15/16	3	4 1/2	2	16.1
23	9.840	100B23	B	1 1/4	3	4 1/2	2	17.2
24	10.250	100B24	B	1 1/4	3	4 1/2	2	19.2
25	10.650	100B25	B	1 1/4	3	4 1/2	2	19.5
26	11.050	100B26	B	1 1/4	3 5/16	5	2	21.7
27	11.440	100B27	B	1 1/4	3 5/16	5	2	23.0
28	11.840	100B28	B	1 1/4	3 5/16	5	2	24.4
29	12.240	100B29	B	1 1/4	3 5/16	5	2	25.0
30	12.640	100B30	B	1 1/4	3 5/16	5	2	26.9
31	13.040							
32	13.440	100B32	B	1 1/4	3 5/16	5	2	29.8
33	13.840							
34	14.240							
35	14.640	100B35	B	1 1/4	3 5/16	5	2 1/2	36.9
36	15.040	100B36	B	1 1/4	3 5/16	5	2 1/2	38.6
37	15.440							

## No. 100

Pinions	inches
Pitch	1-1/4"
Roller	0.750"
Tooth width B1	0.692"



## Single-Type B & C

Teeth	De	Number	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
38	15.840	100B38	B	1 1/4	3 5/16	5	2 1/2	41.5
39	16.230	100B39	B	1 1/4	3 5/16	5	2 1/2	43.6
40	16.630	100B40	B	1 1/4	3 5/16	5	2 1/2	46.9
41	17.030							
42	17.430	100B42	B	1 1/4	3 5/16	5	2 1/2	50.4
43	17.830							
44	18.230							
45	18.630	100B45	B	1 1/2	3 5/16	5	2 1/2	54.0
46	19.020							
47	19.420							
48	19.820	100B48	B	1 1/2	4	6	2 1/2	66.0
49	20.220							
50	20.620							
51	21.020							
52	21.420							
53	21.810							
54	22.210	100C54	C	1 1/2	4	6	3 1/4	78.0
55	22.610							
56	23.010							
57	23.410							
58	23.810							
59	24.200							
60	24.600	100C60	C	1 1/2	4	6	3 1/4	89.0
70	28.580	100C70	C	1 1/2	5 1/4	7	3 3/4	125
72	29.380	100C72	C	1 1/2	5 1/4	7	3 3/4	134
76	30.973	100C76	C	1 1/2	5 1/4	7	3 3/4	143
80	32.570	100C80	C	1 1/2	5 1/4	7	3 3/4	151
84	34.160	100C84	C	1 1/2	5 1/4	7	3 3/4	170
90	36.550	100C90	C	1 1/2	5 1/4	7	3 3/4	184
96	38.930	100C96	C	1 1/2	5 1/4	7	4 1/2	203

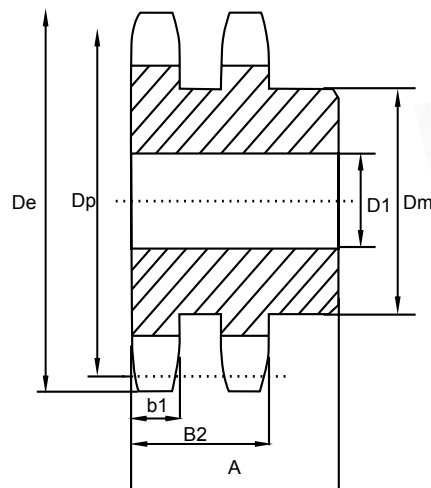
## No. 100-2

Pinions	inches
Pitch	1-1/4"
Roller	0.750"
Tooth width B1	0.669"
Tooth width B2	2.077"

\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at angle to keyseat.



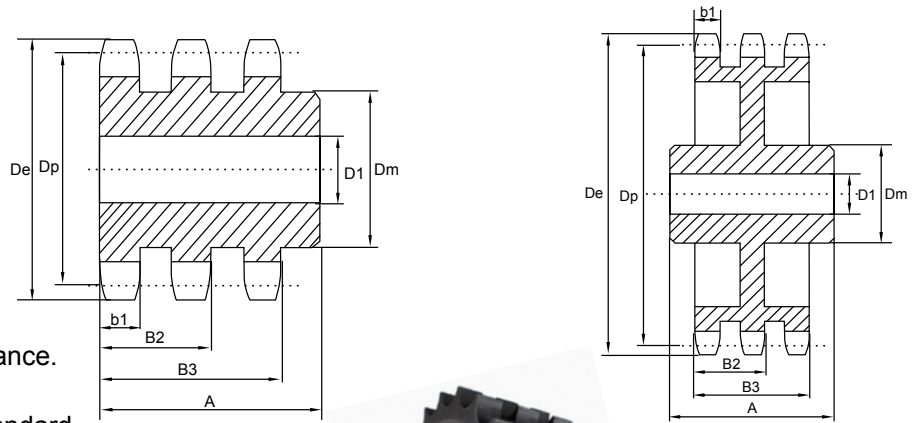
## Duplex Type B & C

Teeth	Number	De	Type	D1		Dm	A	W (kg) Weight Lbs. (Approx.)
				Min	Max.			
9	D100B09	4.180	B	1	1 5/8	2 3/8	2 7/8	4.6
10	D100B10	4.600	B	1	1 7/8	2 3/4	2 7/8	6.2
11	D100B11	5.010	B	1	2 1/8	3 1/8	2 7/8	7.9
12	D100B12	5.420	B	1 1/8	2 1/4	3 3/8	2 7/8	9.3
13	D100B13	5.820	B	1 1/8	2 1/2	3 13/16	2 7/8	11.4
14	D100B14	6.230	B	1 1/8	2 3/4	4 3/16	2 7/8	13.6
15	D100B15	6.630	B	1 1/4	3 1/8	4 5/8	3 1/8	17.1
16	D100B16	7.030	B	1 1/4	3 5/16	5	3 1/8	20.1
17	D100B17	7.440	B	1 1/4	3 1/2	5 1/4	3 1/8	23.1
18	D100B18	7.840	B	1 1/4	3 1/2	5 1/4	3 1/8	25.4
19	D100B19	8.240	B	1 1/4	3 3/4	5 1/2	3 3/8	29.6
20	D100B20	8.640	B	1 1/4	3 3/4	5 1/2	3 3/8	32.4
21	D100B21	9.040	B	1 1/4	3 3/4	5 1/2	3 3/8	35.3
22	D100B22	9.440	B	1 1/4	3 3/4	5 1/2	3 3/8	38.4
23	D100B23	9.840	B	1 1/4	3 3/4	5 1/2	3 3/8	41.3
24	D100B24	10.250	B	1 1/4	3 3/4	5 3/4	3 3/8	45.1
25	D100B25	10.650	B	1 1/4	3 3/4	5 3/4	3 3/8	48.5
26	D100B26	11.050	B	1 1/2	3 3/4	5 3/4	3 3/8	51.5
30	D100B30	12.640	B	1 1/2	3 3/4	5 3/4	3 3/8	65.0
35	D100C35	14.640	C	1 1/2	3 13/16	6	4 1/4	75.0
45	D100C45	18.630	C	1 1/2	3 13/16	6	4 1/2	103
60	D100C60	24.600	C	1 1/2	5 3/8	7 1/2	5	175
70	D100C70	28.580	C	1 1/2	5 3/8	7 1/2	5	197
80	D100C80	32.570	C	1 1/2	5 3/8	7 1/2	5	231

# Type B & C - Pilot Bore Sprockets

## No. 100-3

Pinions	inches
Pitch	1-1/4"
Roller	0.750"
Tooth width B1	0.692"
Tooth width B2	2.077"
Tooth width B3	3.485"



\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at angle to keyseat.

## Triplex Type B & C

Teeth	Number	De	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
11	E100B11	5.010	B	1	2 1/8	3 1/8	4 1/4	11.7
12	E100B12	5.420	B	11/8	2 1/4	3 3/8	4 1/4	13.7
13	E100B13	5.820	B	11/8	2 1/2	3 13/16	4 1/4	16.9
14	E100B14	6.230	B	11/8	2 3/4	4 3/16	4 1/4	20.2
15	E100B15	6.630	B	11/4	3 1/8	4 5/8	4 1/2	25.0
16	E100B16	7.030	B	11/4	3 5/16	5	4 1/2	29.3
17	E100B17	7.440	B	11/4	3 1/2	5 1/4	4 1/2	33.8
18	E100B18	7.840	B	11/4	3 1/2	5 1/4	4 3/4	38.6
19	E100B19	8.240	B	11/4	3 3/4	5 1/2	4 3/4	43.3
20	E100B20	8.640	B	11/4	3 3/4	5 1/2	4 3/4	47.9
21	E100B21	9.040	B	11/4	3 3/4	5 1/2	4 3/4	52.3
22	E100B22	9.440	B	11/4	3 3/4	5 1/2	4 3/4	57.5
23	E100B23	9.840	B	11/4	3 3/4	5 1/2	4 3/4	62.5
24	E100B24	10.250	B	11/4	3 3/4	5 3/4	4 3/4	69
25	E100B25	10.650	B	11/4	3 3/4	5 3/4	4 3/4	73
26	E100B26	11.050	B	1 1/2	3 13/16	5 3/4	4 3/4	79
30	E100B30	12.640	B	1 1/2	3 13/16	5 3/4	4 3/4	103
35	E100C35	14.640	C	1 1/2	4	6	5	108
45	E100C45	18.630	C	1 1/2	4	6	5	143
60	E100C60	24.600	C	1 1/2	5 3/8	7 1/2	5	217
70	E100C70	25.580	C	1 1/2	5 3/8	7 1/2	5	262
80	E100C80	32.570	C	1 1/2	5 3/8	7 1/2	5	313

# Type B & C - Pilot Bore Sprockets

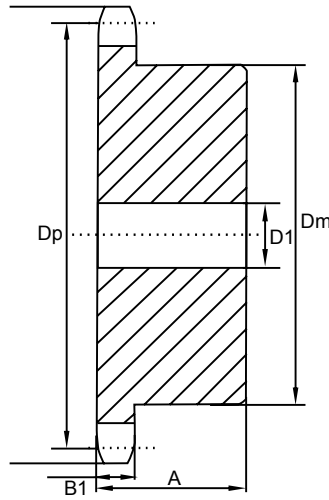
## No. 120

Pinions	inches
Pitch	1-1/2"
Roller	0.875"
Tooth width B1	0.924"

\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at angle to keyseat



## Single-Type B & C

Teeth	De	Number	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
8	4.520							
9	5.020	120B09	B	1 3/8	1 13/16	3 3/8*	2 1/4	5.3
10	5.520	120B10	B	1 3/8	2 1/4	3 3/4*	2 1/4	7.1
11	6.010	120B11	B	1 3/8	2 3/8	3 9/16	2 1/8	7.6
12	6.500	120B12	B	1 3/8	2 3/4	4 1/8	2 1/8	9.9
13	6.990	120B13	B	1 3/8	3	4 9/16	2 1/4	12.4
14	7.470	120B14	B	1 3/8	3 1/4	4 3/4	2 1/4	14.4
15	7.960	120B15	B	1 1/4	3 1/4	4 3/4	2 3/8	16.7
16	8.440	120B16	B	1 1/4	3 1/2	5 1/4	2 3/8	19.9
17	8.920	120B17	B	1 1/4	3 1/2	5 1/4	2 3/8	20.8
18	9.410	120B18	B	1 1/4	3 1/2	5 1/4	2 3/8	22.2
19	9.890	120B19	B	1 1/4	3 1/2	5 1/4	2 3/8	24.8
20	10.370	120B20	B	1 1/4	3 1/2	5 1/4	2 3/8	25.8
21	10.850	120B21	B	1 1/4	3 1/2	5 1/4	2 3/8	26.7
22	11.330	120B22	B	1 1/4	3 1/2	5 1/4	2 3/8	28.2
23	11.810	120B23	B	1 1/4	3 1/2	5 1/4	2 3/8	30.3
24	12.290	120B24	B	1 1/4	3 1/2	5 1/4	2 3/8	32.1
25	12.770	120B25	B	1 1/4	3 1/2	5 1/4	2 3/8	34.6

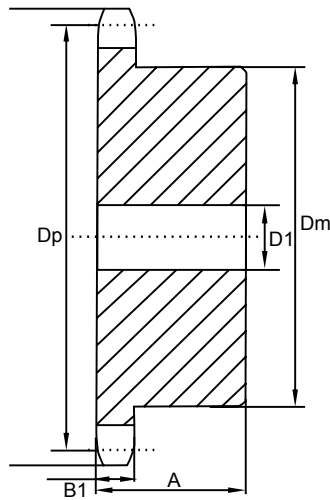
## No. 120

Pinions	inches
Pitch	1-1/2"
Roller	0.875"
Tooth width B1	0.924"

\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at angle to keyseat

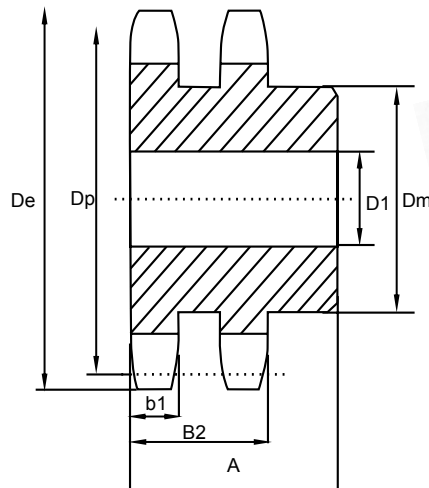


### Single-Type B & C

Teeth	De	Number	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
26	13.250	120B26	B	1 1/2	4	6	2 1/2	40.0
27	13.730							
28	14.210	120B28	B	1 1/2	4	6	2 1/2	44.9
30	15.170	120B30	B	1 1/2	4	6	2 1/2	50.2
32	16.130	120B32	B	1 1/2	4	6	2 1/2	56.0
33	16.610							
34	17.090							
35	17.570	120B35	B	1 1/2	4	6	2 1/2	62.4
36	18.050	120B36	B	1 1/2	4	6	2 1/2	66.4
40	19.960	120C40	C	1 1/2	4	6	3 3/4	92.0
42	20.920	120C42	C	1 1/2	4	6	3 3/4	98.0
45	22.350	120C45	C	1 1/2	4	6	3 3/4	99.2
48	23.790	120C48	C	1 1/2	4	6	4	113
54	26.650	120C54	C	1 1/2	4	6	4	133
60	29.520	120C60	C	1 1/2	5 1/4	7	4	160
70	34.300	120C70	C	1 1/2	5 3/8	7 1/2	4 1/2	206
80	39.080	120C80	C	1 1/2	5 3/8	7 1/2	4 1/2	254
90	43.850							

## No. 120-2

Pinions	inches
Pitch	1-1/2"
Roller	0.875"
Tooth width B1	0.894"
Tooth width B2	2.683"



## Duplex Type B & C

Teeth	Number	De	Type	D1		Dm	A	W (kg) Weight Lbs.(Approx.)
				Min	Max.			
11	D120B11	6.010	B	1 1/2	2 3/8	3 9/16	3 3/4	13.6
12	D120B12	6.500	B	1 1/2	2 3/4	4 1/16	3 3/4	17.3
13	D120B13	6.990	B	1 1/2	3	4 1/2	3 3/4	21.1
14	D120B14	7.470	B	1 1/2	3 5/16	5	3 3/4	25.6
15	D120B15	7.960	B	1 1/2	3 1/2	5 1/4	3 3/4	29.9
16	D120B16	8.440	B	1 1/2	3 1/2	5 1/4	3 3/4	33.8
17	D120B17	8.920	B	1 1/2	3 1/2	5 1/4	3 3/4	36.9
18	D120B18	9.410	B	1 1/2	3 1/2	5 1/4	3 3/4	41.9
19	D120B19	9.890	B	1 1/2	3 1/2	5 1/4	3 3/4	46.5
20	D120B20	10.370	B	1 1/2	3 1/2	5 1/2	3 3/4	50.2
21	D120B21	10.850	B	1 1/2	3 1/2	5 1/2	3 3/4	55.6
22	D120B22	11.330	B	1 1/2	3 13/16	5 3/4	4	64.0
23	D120B23	11.810	B	1 1/2	4 1/2	6 1/2	4	75.0
24	D120B24	12.290	B	1 1/2	4 1/2	6 1/2	4	79.0
25	D120B25	12.770	B	1 1/2	4 1/2	6 1/2	4	84.0
26	D120B26	13.250	B	1 1/2	4 1/2	6 1/2	4	90.0
30	D120B30	15.170	B	1 1/2	4 1/2	6 1/2	4	119
35	D120C35	17.570	C	1 1/2	5 3/8	7 1/2	6	148
45	D120C45	22.350	C	1 1/2	5 3/8	7 1/2	6	188
60	D120C60	29.520	C	1 1/2	6 3/8	9 1/2	6 1/4	307

# Type B & C - Pilot Bore Sprockets

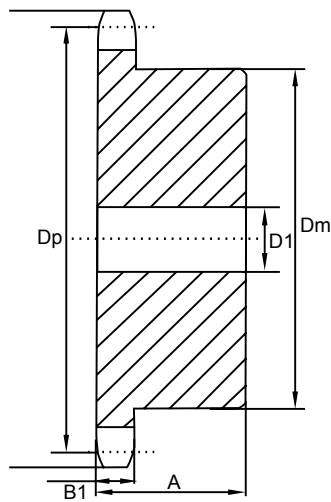
## No. 140

Pinions	inches
Pitch	1-3/4"
Roller	1.000"
Tooth width B1	0.924"

\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at angle to keyseat



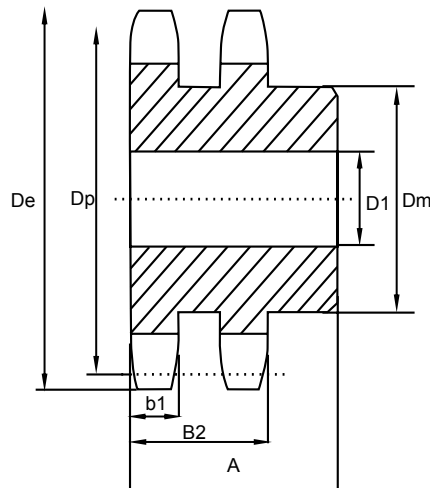
## Single-Type B & C

Teeth	De	Number	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
11	7.010	140B11	B	1 1/2	2 3/4	4 1/4	/	11.3
12	7.580	140B12	B	1 1/2	3	4 1/2	/	13.2
13	8.150	140B13	B	1 1/2	3 3/4	5 1/2	/	18.9
14	8.720	140B14	B	1 1/2	3 3/4	5 1/2	/	20.4
15	9.280	140B15	B	1 1/2	4 1/4	6 1/4	/	25.1
16	9.850	140B16	B	1 1/2	4 1/4	6 1/4	/	27.9
17	10.410	140B17	B	1 1/2	4 1/4	6 1/4	/	29.8
18	10.980	140B18	B	1 1/2	4 1/4	6 1/4	/	32.0
19	11.540	140B19	B	1 1/2	4 1/4	6 1/4	/	34.1
20	12.100	140B20	B	1 1/2	4 1/4	6 1/4	/	36.0
21	12.660	140B21	B	1 1/2	4 1/4	6 1/4	/	38.7
22	13.220	140B22	B	1 1/2	4 1/4	6 1/4	/	40.6
23	13.780	140B23	B	1 1/2	4 1/4	6 1/4	/	42.1
24	14.340	140B24	B	1 1/2	4 1/4	6 1/4	/	46.2
25	14.900	140B25	B	1 1/2	4 1/4	6 1/4	/	47.8
26	15.460	140B26	B	1 1/2	4 1/4	6 1/4	3	57.2
27	16.020	140B27	B	1 1/2	4 1/4	6 1/4	3	58.5
28	16.580	140B28	B	1 1/2	4 1/4	6 1/4	3	62.2
30	17.700	140B30	B	1 1/2	4 1/4	6 1/4	3	69.8
32	18.820	140B32	B	1 1/2	4 1/4	6 1/4	3	76.3
35	20.490	140C35	C	1 1/2	5 1/4	7	4	108
40	23.290	140C40	C	1 1/2	5 1/4	7	4	121
45	26.080	140C45	C	1 1/2	5 1/4	7	4	142
48	27.750	140C48	C	1 1/2	5 1/4	7	4	150
54	31.100	140C54	C	1 1/2	5 1/4	7	4	177
60	34.440	140C60	C	1 1/2	5 1/4	7	5	220
70	40.020	140C70	C	1 1/2	5 3/8	7 1/2	5	282
80	45.590	140C80	C	1 1/2	5 3/8	7 1/2	5	331



**No. 140-2**

Pinions	inches
Pitch	1-3/4"
Roller	1.000"
Tooth width B1	0.894"
Tooth width B2	2.818"



**Duplex Type B & C**

Teeth	Number	De	Type	D1		Dm	A	W (kg) Weight Lbs. (Approx.)
				Min	Max.			
13	D140B13	8.150	B	1 5/8	3 5/16	5	3 3/4	29
14	D140B14	8.720	B	1 5/8	3 3/4	5 1/2	3 3/4	34.8
15	D140B15	9.280	B	1 5/8	4 1/2	6 1/2	3 3/4	42.5
16	D140B16	9.850	B	1 5/8	5 1/4	7	4	48.1
17	D140B17	10.410	B	1 5/8	5 1/4	7	4	57.5
18	D140B18	10.980	B	1 3/4	5 1/4	7	4	65.6
19	D140B19	11.540	B	1 3/4	5 1/4	7	4	72.0
20	D140B20	12.100	B	1 3/4	5 1/4	7	4	76.0
21	D140B21	12.660	B	1 3/4	5 1/4	7	4	82.0
22	D140B22	13.220	B	1 3/4	5 1/4	7	4	94.0
23	D140B23	13.780	B	1 3/4	5 1/4	7	4	100
24	D140B24	14.340	B	1 3/4	5 1/4	7	4	104
25	D140B25	14.900	B	1 3/4	5 1/4	7	4	120
26	D140B26	15.460	B	1 3/4	5 1/4	7	4	128
35	D140C35	20.490	C	1 1/2	5 3/8	7 1/2	6	180
45	D140C45	26.080	C	1 1/2	5 3/8	7 1/2	6	232
60	D140C60	34.440	C	1 1/2	6 3/8	9 1/2	6 1/4	372

# Type B & C - Pilot Bore Sprockets

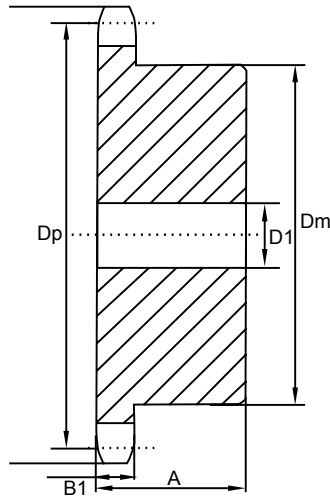
## No. 160

Pinions	inches
Pitch	2"
Roller	1.125"
Tooth width B1	1.156"

\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at angle to keyseat



### Single-Type B & C

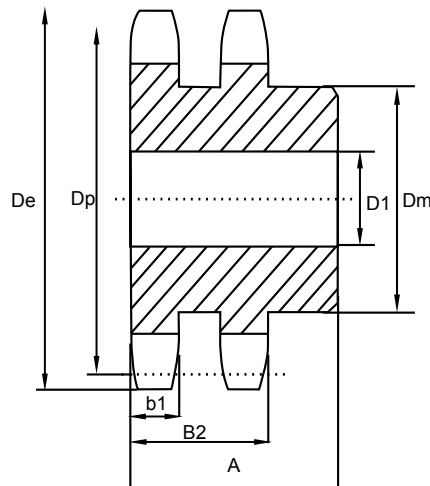
Teeth	De	Number	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
8	6.030	160B08	B	1 1/2	1 7/8	3 1/4	2 1/4	8.0
9	6.700	160B09	B	1 1/2	2 1/8	3 5/8	2 1/4	10.0
10	7.360	160B10	B	1 1/2	2 3/4	4 1/8	2 1/4	12.0
11	8.010	160B11	B	1 1/2	3 1/4	4 3/4	2 1/2	17.0
12	8.660	160B12	B	1 1/2	3 3/4	5 1/2	2 1/2	21.0
13	9.310	160B13	B	1 1/2	4	6	2 3/4	28.0
14	9.960	160B14	B	1 1/2	4 1/2	6 1/2	2 3/4	32.0
15	10.610	160B15	B	1 1/2	5 1/4	7	2 3/4	37.0
16	11.260	160B16	B	1 1/2	5 1/4	7	2 3/4	41.0
17	11.900	160B17	B	1 1/2	5 1/4	7	2 3/4	45.0
18	12.540	160B18	B	1 1/2	5 1/4	7	2 3/4	48.0
19	13.190	160B19	B	1 1/2	5 1/4	7	2 3/4	52.0
20	13.830	160B20	B	1 1/2	5 1/4	7	2 3/4	56.0
21	14.470	160B21	B	1 1/2	5 1/4	7	2 3/4	59.0
22	15.110	160B22	B	1 1/2	5 1/4	7	2 3/4	65.0
23	15.750	160B23	B	1 1/2	5 1/4	7	2 3/4	68.0
24	16.390	160B24	B	1 1/2	5 1/4	7	3	77.0
25	17.030	160B25	B	1 1/2	5 1/4	7	3	81.0
26	17.670	160B26	B	1 1/2	5 1/4	7	3	86.0
27	18.310	160B27	B	1 1/2	5 1/4	7	3	91.0
28	18.950	160B28	B	1 1/2	5 1/4	7	3	98.0
30	20.230	160B30	B	1 1/2	5 1/4	7	3	108
35	23.420	160C35	C	1 1/2	5 1/2	8	4 1/2	154
40	26.610	160C40	C	1 1/2	5 1/2	8	4 1/2	196
45	29.800	160C45	C	1 1/2	5 1/2	8	5	234
54	35.540	160C54	C	1 1/2	5 1/2	8	5	276
60	39.360	160C60	C	1 1/2	5 1/2	8	5	329
70	45.730	160C70	C	1 1/2	5 1/2	8	5	446
80	52.100	160C80	C	1 1/2	5 1/2	8	6	612

### Single-Type B & C

Teeth	SZS Number	De	D1		Dm	A	W (kg)eight Lbs. (Approx.)
			Min	Max.			
11	160C11	8.010	1 1/2	3 1/4	4 1/2	4 1/8	21
12	160C12	8.660	1 1/2	3 3/4	5 1/2	4 1/8	26

**No. 160-2**

Pinions	inches
Pitch	1-3/4"
Roller	1.000"
Tooth width B1	0.894"
Tooth width B2	2.818"



**Duplex Type B & C**

Teeth	Number	De	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
13	D160B13	9.310	B	2	4	6	4 3/4	48
14	D160B14	9.960	B	2	4 3/4	6 3/4	4 3/4	58
15	D160B15	10.610	B	2	5 1/4	7	4 3/4	68
16	D160B16	11.260	B	2	5 1/4	7	4 3/4	75
17	D160B17	11.900	B	2	5 1/4	7	4 3/4	91
18	D160B18	12.540	B	2	5 1/4	7	4 3/4	96
19	D160B19	13.190	B	2	5 1/4	7	4 3/4	107
20	D160B20	13.830	B	2	5 1/4	7	4 3/4	119
21	D160B21	14.470	B	2	5 3/8	7 1/2	4 3/4	130
22	D160B22	15.110	B	2	5 3/8	7 1/2	4 3/4	141
23	D160B23	15.750	B	2	5 3/8	7 1/2	4 3/4	157
24	D160B24	16.390	B	2	5 3/8	7 1/2	4 3/4	171
25	D160B25	17.030	B	2	5 3/8	7 1/2	4 3/4	187
26	D160B26	17.670	B	2	5 3/8	7 1/2	4 3/4	201
35	D160C35	23.420	C	1 1/2	6 3/4	9 1/2	6 5/8	306
45	D160C45	29.800	C	1 1/2	7	10	7 1/8	431
60	D160C60	39.360	C	1 1/2	7	10	7 1/8	564

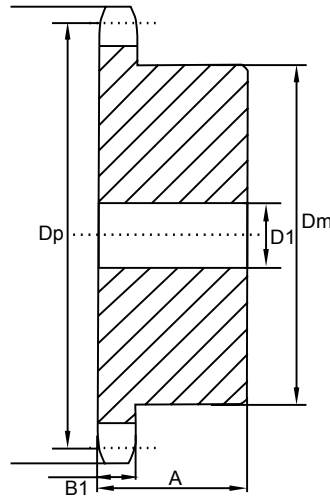
# Type B & C - Pilot Bore Sprockets

## No. 180

Pinions	inches
Pitch	2-1/4"
Roller	1.406"
Tooth width B1	1.301"

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at angle to keyseat

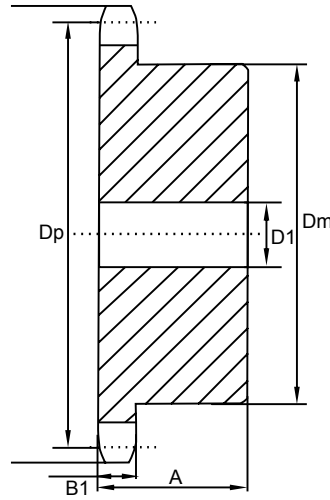


### Single-Type B & C

Teeth	De	Number	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
11	9.010	180B11	B	1 1/2	3 5/8	5 1/2	3	29
12	9.750	180B12	B	1 1/2	4	6	3	32
13	10.480	180B13	B	1 1/2	4 5/8	6 3/4	3 1/8	40
14	11.210	180B14	B	1 1/2	5 1/4	7	3 1/8	44
15	11.930	180B15	B	1 1/2	5 1/4	7	3 1/8	48
16	12.660	180B16	B	1 1/2	5 1/4	7	3 1/8	52
17	13.390	180B17	B	1 1/2	5 1/4	7	3 1/8	58
18	14.110	180B18	B	1 1/2	5 1/4	7	3 1/8	63
19	14.830	180B19	B	1 1/2	5 3/8	7 1/2	3 3/8	74
20	15.560	180B20	B	1 1/2	5 3/8	7 1/2	3 3/8	81
21	16.280	180B21	B	1 1/2	5 3/8	7 1/2	3 3/8	83
22	17.000	180B22	B	1 1/2	5 3/8	7 1/2	3 3/8	92
23	17.720	180B23	B	1 1/2	5 3/8	7 1/2	3 3/8	99
24	18.440	180B24	B	1 1/2	5 3/8	7 1/2	3 3/8	105
25	19.160	180B25	B	1 1/2	5 3/8	7 1/2	3 3/8	113
28	21.320	180B28	B	1 1/2	5 1/2	8	3 1/2	135
30	22.760	180C30	C	1 1/2	5 3/4	8 1/2	4 3/8	180
35	26.350	180C35	C	1 1/2	5 3/4	8 1/2	4 3/8	222
40	29.940	180C40	C	1 1/2	5 3/4	8 1/2	4 3/8	270
45	33.530	180C45	C	1 1/2	6	9	5	315
54	39.980	180C54	C	1 1/2	6	9	5	477
60	44.280	180C60	C	1 1/2	6 1/2	9 1/2	5 3/8	489

## No. 200

Pinions	inches
Pitch	2-1/2"
Roller	1.562"
Tooth width B1	1.389"



## Single-Type B & C

Teeth	De	Number	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
10	9.200	200B10	B	1 1/2	3 3/4	5 1/2	3	26
11	10.020	200B11	B	1 1/2	4	6	3	33
12	10.830	200B12	B	1 1/2	4 1/2	6 1/2	3	37
13	11.640	200B13	B	1 1/2	5 1/4	7	3	46
14	12.460	200B14	B	1 1/2	5 3/8	7 1/2	3 1/2	59
15	13.260	200B15	B	1 1/2	5 3/8	7 1/2	3 1/2	64
16	14.070	200B16	B	1 1/2	5 3/8	7 1/2	3 1/2	72
17	14.870	200B17	B	1 1/2	5 3/8	7 1/2	3 1/2	76
18	15.680	200B18	B	1 1/2	5 3/8	7 1/2	3 1/2	84
19	16.480	200B19	B	1 1/2	5 3/8	7 1/2	3 1/2	91
20	17.290	200B20	B	1 1/2	5 3/8	7 1/2	3 1/2	98
21	18.090	200B21	B	1 1/2	5 3/8	7 1/2	3 1/2	106
22	18.890	200B22	B	1 1/2	5 3/4	8 1/2	4	131
23	19.690	200B23	B	1 1/2	5 3/4	8 1/2	4	136
24	20.490	200B24	B	1 1/2	5 3/4	8 1/2	4	142
25	21.290	200B25	B	1 1/2	5 3/4	8 1/2	4	153
26	22.090	200C26	C	1 1/2	5 3/4	8 1/2	4 1/2	178
28	23.690	200C28	C	1 1/2	5 3/4	8 1/2	4 1/2	195
30	25.290	200C30	C	1 1/2	5 3/4	8 1/2	4 1/2	212
32	26.880	200C32	C	1 1/2	5 3/4	8 1/2	4 1/2	220
35	29.280	200C35	C	1 1/2	5 3/4	8 1/2	4 1/2	254
40	33.270	200C40	C	1 1/2	6	9	5	320
45	37.250	200C45	C	1 1/2	6	9	5	364
54	44.420	200C54	C	1 1/2	6 1/2	9 1/2	5 1/2	512
60	49.200	200C60	C	1 1/2	6 1/2	9 1/2	5 1/2	654

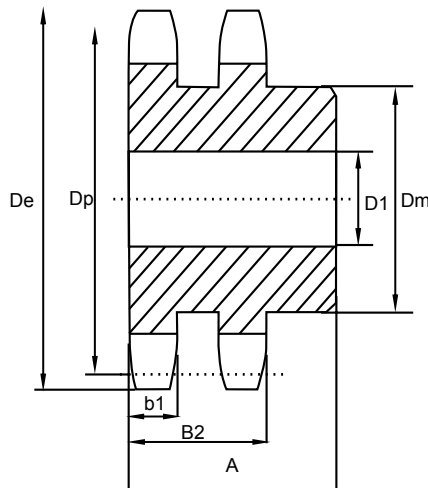
## No. 200-2

Pinions	inches
Pitch	2-1/2"
Roller	1.562"
Tooth width B1	1.344"
Tooth width B2	4.161"

\* Has recessed groove in hub for chain clearance.

Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

Slightly larger bores are possible with no keyseat, shallow keyseat, shallow keyseat, or setscrew at angle to keyseat

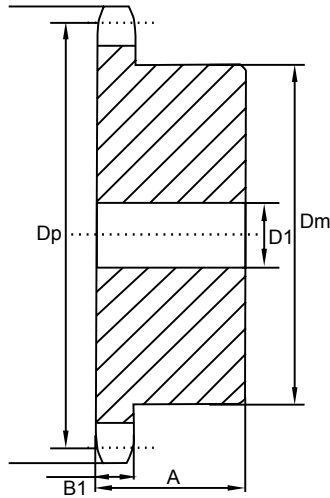


## Duplex Type B & C

Teeth	Number	De	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
11	D200B11	10.020	B	2	3 3/4	5 1/2	5 7/8	57
12	D200B12	10.830	B	2	14/2	6 1/2	6 1/4	80
13	D200B13	11.640	B	2	15/4	7	6 3/8	96
14	D200B14	12.460	B	2	15/2	8	6 3/8	119
15	D200B15	13.260	B	2	3 5/4	8 1/2	6 3/8	138
16	D200B16	14.070	B	2	3 5/4	8 1/2	6 5/8	161
17	D200B17	14.870	B	2	3 5/4	8 1/2	6 5/8	178
18	D200B18	15.680	B	2	3 5/4	8 1/2	6 5/8	196
19	D200B19	16.480	B	2	3 5/4	8 1/2	6 5/8	217
20	D200B20	17.290	B	2	3 5/4	8 1/2	6 5/8	236
21	D200B21	18.090	B	2	5 3/4	8 1/2	6 5/8	250
22	D200B22	18.890	B	2	5 3/4	8 1/2	6 5/8	284
23	D200B23	19.690	B	2	5 3/4	8 1/2	6 5/8	308
24	D200B24	20.490	B	2	5 3/4	8 1/2	6 5/8	330
25	D200B25	21.290	B	2	5 3/4	8 1/2	6 5/8	358
26	D200B26	22.090	B	2	5 3/4	8 1/2	6 5/8	386
45	D200C45	37.250	C	1 1/2	7	10	8 1/2	665
60	D200C60	49.200	C	1 1/2	7	10	9	972

**No. 240**

Pinions	inches
Pitch	3"
Roller	1.875"
Tooth width B1	1.738"



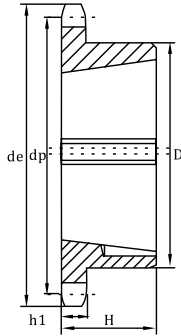
**Single-Type B & C**

Teeth	De	Number	Type	D1		Dm	A	W (kg)eight Lbs.(Approx.)
				Min	Max.			
10	11.030	240B10	B	1 1/2	4 1/2	6 1/2	3 3/8	49
11	12.020	240B11	B	1 1/2	4 3/4	7	3 7/8	66
12	13.000	240B12	B	1 1/2	5 3/8	7 1/2	3 7/8	72
13	13.970	240B13	B	1 1/2	5 3/8	7 1/2	3 7/8	81
14	14.940	240B14	B	1 1/2	5 3/8	7 1/2	3 7/8	88
15	15.910	240B15	B	1 1/2	5 3/8	7 1/2	3 7/8	98
16	16.880	240B16	B	1 1/2	5 1/2	8	4 1/8	120
17	17.850	240B17	B	1 1/2	5 1/2	8	4 1/8	137
18	18.810	240B18	B	1 1/2	5 1/2	8	4 1/8	142
19	19.780	240B19	B	1 1/2	5 1/2	8	4 1/8	154
20	20.740	240B20	B	1 1/2	5 1/2	8	4 1/8	169
21	21.710	240B21	B	1 1/2	5 1/2	8	4 1/8	186
25	25.550	240B25	B	1 1/2	5 1/2	8	4 1/8	254
30	30.340	240C30	C	1 1/2	6	9	6 1/4	398
35	35.130	240C35	C	1 1/2	6	9	6 1/4	527
40	39.920	240C40	C	1 1/2	7	10	6 3/4	672
45	44.700	240C45	C	1 1/2	7	10	6 3/4	850
54	53.310	240C54	C	1 1/2	7	10	6 3/4	1148
60	59.040	240C60	C	1 1/2	7	10	6 3/4	1419

## 80-1

Pinions	mm
Tooth width h1	14.605

Chain	mm
Pitch	25.4
Internal width	15.875
Roller	15.875
Steel: C45	



Teeth	de	Simplex		
		D	H	for Bush
13	118.36	76.2	38.1	1615
14	126.49	84.91	38.1	1615
15	134.62	88.9	38.1	1615
16	143	101.6	31.75	2012
17	151.13	101.6	31.75	2012
18	159.26	90.5	31.75	2012
19	167.39	90.5	31.75	2012
20	175.51	107.95	44.45	2517
21	183.9	107.95	44.45	2517
22	192.02	107.95	44.45	2517
23	200.15	107.95	44.45	2517
24	208.28	107.95	44.45	2517
25	216.41	107.95	44.45	2517
26	224.54	107.95	44.45	2517
27	232.66	107.95	44.45	2517
28	240.79	107.95	44.45	2517
29	256.79	107.95	44.45	2517
30	273.05	107.95	44.45	2517
38	280.9	133.35	50.8	2517



# Weld Fit Sprockets & Hubs

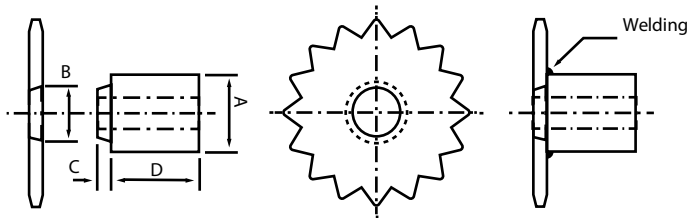
Suitable for low to medium volume applications the weld fit sprockets are manufactured by welding a sprocket plate to a custom hub, allowing for a wide range of bore sizes and tooth counts.

Weld fit sprockets are commonly used in applications where a standard sprocket does not fit the requirements. The welding process allows for a quick turnaround on custom orders.

When selecting a weld fit sprocket, consider the chain pitch, number of teeth, bore size, and hub dimensions needed for your application.

Sprockets come standard with induction hardened teeth for maximum service life.

- ▶ 24 Standard Bore sizes to suit 135 sprockets, ready for installation in minutes.
- ▶ Welding with low hydrogen electrodes is recommended.
- ▶ Keyways conform to BS 46 (imperial) and BS 4235 (metric).



	VT		WT		XT	
A	34mm	(1-5/16)	45mm	(1-3/4)	62mm	(2-7/16)
B	30mm	(1-3/16)	41mm	(1-5/8)	57mm	(2-1/4)
C	12mm	(1/2)	12mm	(1/2)	12mm	(1/2)
D	18mm	(11/16)	25mm	(15/16)	25mm	(15/16)

No. of Teeth	ANSI-40 1/2" Pitch	ANSI-50 5/8" Pitch	ANSI-60 3/4" Pitch	ANSI-80 1" Pitch
11	-	-	60WT11HT	-
12	40VT12HT	50WT12HT	60WT12HT	80XT12HT
13	40VT13HT	50WT13HT	60WT13HT	80XT13HT
14	40VT14HT	50WT14HT	60WT14HT	80XT14HT
15	40VT15HT	50WT15HT	60XT15HT	80XT15HT
16	40WT16HT	50WT16HT	60XT16HT	80XT16HT
17	40WT17HT	50XT17HT	60XT17HT	80XT17HT
18	40WT18HT	50XT18HT	60XT18HT	80XT18HT
19	40WT19HT	50XT19HT	60XT19HT	80XT19HT
20	40XT20HT	50XT20HT	60XT20HT	80XT20HT
21	40XT21HT	50XT21HT	60XT21HT	80XT21HT
22	40XT22HT	50XT22HT	60XT22HT	80XT22HT
23	40XT23HT	50XT23HT	60XT23HT	80XT23HT
24	40XT24HT	50XT24HT	60XT24HT	80XT24HT
25	40XT25HT	50XT25HT	60XT25HT	80XT25HT
26	40XT26HT	50XT26HT	60XT26HT	80XT26HT
27	40XT27HT	50XT27HT	60XT27HT	80XT27HT
28	40XT28HT	50XT28HT	60XT28HT	80XT28HT
29	40XT29HT	50XT29HT	60XT29HT	80XT29HT
30	40XT30HT	50XT30HT	60XT30HT	80XT30HT
32	40XT32HT	50XT32HT	60XT32HT	80XT32HT
34	40XT34HT	50XT34HT	60XT34HT	80XT34HT
36	40XT36HT	50XT36HT	60XT36HT	80XT36HT
38	40XT38HT	50XT38HT	60XT38HT	80XT38HT
40	40XT40HT	50XT40HT	60XT40HT	80XT40HT
45	40XT45HT	50XT45HT	60XT45HT	80XT45HT
57	40XT57HT	50XT57HT	60XT57HT	80XT57HT
76	40XT76HT	50XT76HT	60XT76HT	80XT76HT

Bore					
Inch	mm	Inch	mm	Inch	mm
1/2	12	1/2	12	1/2	12
-	14	-	14	-	14
5/8	15	5/8	15	5/8	15
-	-	-	16	-	16
3/4	-	3/4	17	3/4	18
-	19	-	18	-	19
7/8	20	7/8	19	7/8	20
-	-	1	20	1	24
-	-	-	24	-	25
-	-	1-1/8	25	1-1/8	28
-	-	-	28	-	30
-	-	1-1/4	30	1-1/4	32
-	-	-	32	-	35
-	-	-	-	1-3/8	38
-	-	-	-	-	40
-	-	-	-	1-1/2	42
-	-	-	-	1-5/8	45
-	-	-	-	1-3/4	-

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