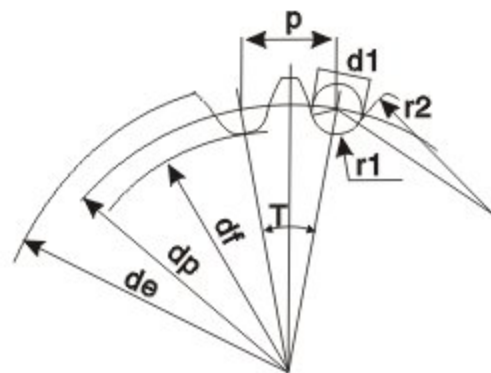




Tooth Profiles of Sprockets

For Roller Chains DIN8187-ISO/R606



Formula

Pitch Diameter

$$D_p = \frac{P}{\sin(180^\circ / Z)}$$

Root Diameter

$$d_f = d_p - d_1$$

Tip Diameter

$$d_{e_{max}} = d_p + 1.25P - d_1$$

$$d_{e_{min}} = d_p + (1 - 1.6/Z)P - d_1$$

Groove Diameter

$$D_s = P \cdot \cot(180^\circ / Z) - 1.05g - 2r_4 - 1$$

(g = max. Height of link plate)

Roller bed radius

$$R1_{max} = 0.505d_1 + 0.069 \sqrt[3]{d_1}$$

$$R1_{min} = 0.505d_1$$

Roller bed angle

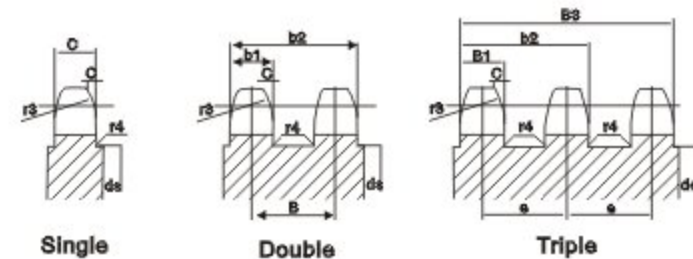
$$X_{max} = 140^\circ - 90^\circ / Z$$

$$X_{min} = 120^\circ - 90^\circ / Z$$

Tooth flank radius

$$R2_{max} = 0.008d_1(Z + 180)$$

$$R2_{min} = 0.12d_1(P - d_1)$$



Dimensions in mm

Permissible tolerance

Root diameter H11
Tooth width H14

Radial runout between bore and root diameter:
0.0008df+0.08 or 0.15
(depending on which value is larger)
but not to exceed 0.76mm

Axial runout between bore and gear rim face:
0.0009df+0.08, not to exceed 1.14mm

P=Pitch
Z=Teeth
d1=Roller Diameter

Tooth width $P \leq 12.7$ $P \geq 12.7$

Single sprocket B_1 0.93b 0.95b

Double and triple sprocket b_1 0.91b 0.93b

Quadruple sprocket and above b_1 0.88b 0.93b

(B=internal width of chain)

Tooth Chamfer

$$C = 0.1b \text{ to } 0.15p$$

Tooth Chamfer Radius

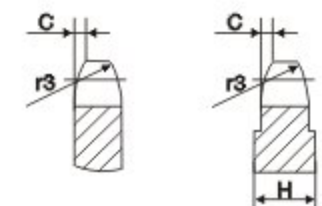
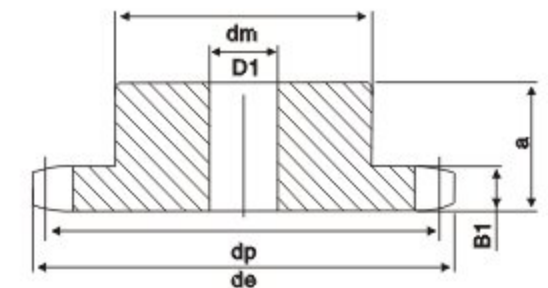
$$R_3 \geq P$$

03B-1

SPROCKETS 5X2.5mm

For chain Acc. To DIN8187
ISO/R 606

Z	d _e	d _p	SIMPLEX				
			d _m	d ₁	a		
8	15.2	13.06	7	4	10		
9	16.8	14.62	8	5	10		
10	18.3	16.18	9	5	10		
11	19.9	17.75	11	6	10		
12	21.5	19.32	12	6	10		
13	23.0	20.89	14	6	10		
14	24.6	22.47	15	6	10		
15	26.2	24.04	16	6	10		
16	27.8	25.63	18	6	13		
17	29.4	27.20	18	6	13		
18	30.9	28.79	18	8	13		
19	32.5	30.38	18	8	13		
20	34.1	31.96	18	8	13		
21	35.7	33.54	20	8	13		
22	37.3	35.13	20	8	13		
23	38.9	36.72	20	8	13		
24	40.5	38.30	20	8	13		
25	42.0	39.89	20	8	13		
26	43.6	41.48	25	8	15		
27	45.2	43.07	25	8	15		
28	46.8	44.65	25	8	15		
29	48.4	46.25	25	8	15		
30	50.0	47.83	25	8	15		
31	51.6	49.42	30	8	15		
32	53.2	51.01	30	8	15		
33	54.8	52.60	30	8	15		
34	56.3	54.19	30	8	15		
35	57.9	55.78	30	8	15		
36	59.5	57.37	30	8	15		
37	61.1	58.96	30	8	15		
38	62.7	60.54	30	8	15		
39	64.3	62.13	30	8	15		
40	65.9	63.73	30	8	15		
41	67.5	65.30	40	8	15		
42	69.1	66.91	40	8	15		
43	70.6	68.49	40	8	18		
44	72.2	70.09	40	8	18		
45	73.8	71.68	40	8	18		
46	75.4	73.27	40	8	18		
47	77.0	74.86	40	8	18		
48	78.6	76.45	40	8	18		
49	80.2	78.03	40	8	18		
50	81.8	79.63	40	8	18		
51	83.4	81.22	40	8	18		
52	85.0	82.81	40	8	18		
53	86.6	84.40	40	8	18		
54	88.1	85.97	40	8	18		
55	89.7	87.58	40	8	18		
56	91.3	89.17	40	8	18		
57	92.9	90.76	40	8	18		
58	94.5	92.35	50	8	20		
59	96.1	93.94	50	8	20		
60	97.7	95.53	50	8	20		
62	100.9	98.72	50	8	20		
64	104.1	101.90	50	8	20		
65	105.6	103.49	50	8	20		
66	107.2	105.08	50	8	20		
68	110.4	108.26	50	8	20		
70	113.6	111.44	50	8	20		
72	116.8	114.63	50	8	20		
75	121.6	119.40	50	8	20		
76	123.1	120.99	50	8	20		
78	126.3	124.17	70	8	30		
80	129.5	127.35	70	8	30		
85	137.5	135.31	70	8	30		
90	145.4	143.27	70	8	30		
95	153.4	151.22	70	8	30		
100	161.3	159.18	70	8	30		
110	177.2	175.09	70	8	30		
114	183.6	181.45	70	8	30		
120	193.2	191.01	70	8	30		
125	201.1	198.96	70	8	30		



SPROCKETS mm

Tooth radius r_3 5
Radius width C 0.6
Tooth width B_1 2.3

CHAIN mm

Pitch 5
Internal width 2.5
Roller ϕ 3.2

H=4mm, From z=80 the width of the plate is increased

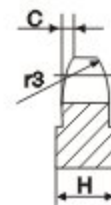
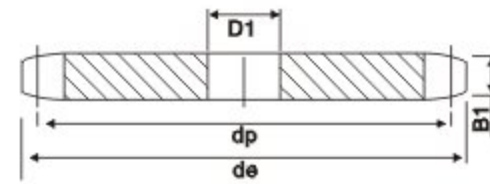


03A-1

PLAT EWHEELS 5X2.5mm

For chain Acc. To DIN8187
ISO/R 606

z	d _e	d _p	S	D ₁
8	15.2	13.06	4	
9	16.8	14.62	4	
10	18.3	16.18	4	
11	19.9	17.75	5	
12	21.5	19.32	5	
13	23.0	20.89	5	
14	24.6	22.47	5	
15	26.2	24.04	5	
16	27.8	25.63	6	
17	29.4	27.20	6	
18	30.9	28.79	6	
19	32.5	30.38	6	
20	34.1	31.96	6	
21	35.7	33.54	8	
22	37.3	35.13	8	
23	38.9	36.72	8	
24	40.5	38.30	8	
25	42.0	39.89	8	
26	43.6	41.48	8	
27	45.2	43.07	8	
28	46.8	44.65	8	
29	48.4	46.25	8	
30	50.0	47.83	8	
31	51.6	49.42	8	
32	53.2	51.01	8	
33	54.8	52.60	8	
34	56.3	54.19	8	
35	57.9	55.78	8	
36	59.5	57.37	8	
37	61.1	58.96	8	
38	62.7	60.54	8	
39	64.3	62.13	8	
40	65.9	63.73	8	
41	67.5	65.30	8	
42	69.1	66.91	8	
43	70.6	68.49	8	
44	72.2	70.09	8	
45	73.8	71.68	8	
46	75.4	73.27	8	
47	77.0	74.86	8	
48	78.6	76.45	8	
49	80.2	78.03	8	
50	81.8	79.63	8	
51	83.4	81.22	10	
52	85.0	82.81	10	
53	86.6	84.40	10	
54	88.1	85.97	10	
55	89.7	87.55	10	
56	91.3	89.17	10	
57	92.9	90.76	10	
58	94.5	92.35	10	
59	96.1	93.94	10	
60	97.7	95.53	10	
62	100.9	98.72	12	
64	104.1	101.90	12	
65	105.6	103.49	12	
66	107.2	105.08	12	
68	110.4	108.26	12	
70	113.6	111.44	12	
72	116.8	114.63	12	
75	121.6	119.40	12	
76	123.1	120.99	12	
78	126.3	124.17	12	
80	129.5	127.35	12	
85	137.5	135.31	14	
90	145.4	143.27	14	
95	153.4	151.22	14	
100	161.3	159.18	14	
110	177.2	175.09	14	
114	183.6	181.45	14	
120	193.2	191.01	14	
125	201.1	198.96	14	



SPROCKETS

Tooth radius r ₃	5
Radius width C	0.6
Tooth width B ₁	2.3

CHAIN

Pitch	5
Internal width	2.5
Roller Φ	3.2

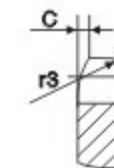
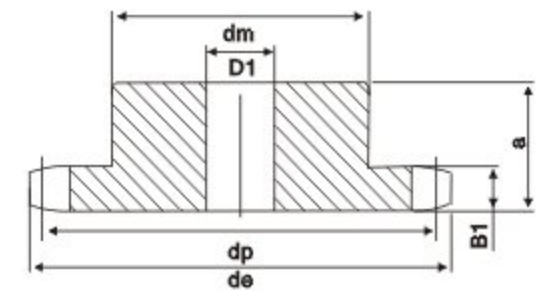
H=4mm, From z=51 the width of the plate is increased

04B-1

SPROCKETS 6X2.8mm

For chain Acc. To DIN 8187
ISO/R 606

z	d _e	d _p	SIMPLEX		
			d _m	d ₁	a
8	18.0	15.67	9.8	5	10
9	19.9	17.54	11.5	5	10
10	21.7	19.42	13	6	10
11	23.6	21.30	14	6	10
12	25.4	23.18	16	6	10
13	27.3	25.05	18	8	10
14	29.2	26.96	20	8	10
15	31.0	28.86	20	8	10
16	33.0	30.76	20	8	13
17	35.0	32.65	20	8	13
18	36.9	34.55	20	8	13
19	38.8	36.44	20	8	13
20	40.7	38.34	20	8	13
21	42.6	40.25	25	8	13
22	44.5	42.16	25	8	13
23	46.4	44.06	25	8	13
24	48.3	45.96	25	8	13
25	50.2	47.87	25	8	13
26	52.1	49.76	30	8	15
27	54.0	51.67	30	8	15
28	55.9	53.58	30	8	15
29	57.8	55.50	30	8	15
30	59.8	57.42	30	8	15
31	61.7	59.31	30	8	15
32	63.6	61.21	30	8	15
33	65.5	63.11	30	8	15
34	67.4	65.02	30	8	15
35	69.3	66.93	30	8	15
36	71.2	68.84	30	8	15
37	73.1	70.75	30	8	15
38	75.0	72.66	30	8	15
39	76.9	74.57	30	8	15
40	78.9	76.47	30	8	15
41	80.8	78.38	40	8	18
42	82.7	80.28	40	8	18
43	84.7	82.20	40	8	18
44	86.6	84.10	40	8	18
45	88.5	86.01	40	8	18
46	90.4	87.92	40	8	18
47	92.3	89.83	40	8	18
48	94.2	91.74	40	8	18
49	96.1	93.64	40	8	18
50	98.0	95.55	40	8	18
51	99.9	97.46	40	8	18
52	101.8	99.37	40	8	18
53	103.7	101.27	40	8	18
54	105.6	103.17	40	8	18
55	107.6	105.08	40	8	18
56	109.5	107.00	40	8	18
57	111.4	108.93	40	8	18
58	113.3	110.82	50	8	20
59	115.2	112.71	50	8	20
60	117.1	114.62	50	8	20
62	120.9	118.45	50	8	20
64	124.7	122.27	50	8	20
65	126.6	124.18	50	8	20
66	128.5	126.09	50	8	20
68	132.4	129.91	50	8	20
70	136.2	133.73	50	8	20
72	140.0	137.55	50	8	20
75	145.7	143.28	50	8	20
76	147.6	145.19	50	8	20
78	151.5	149.01	70	8	30
80	155.3	152.82	70	8	30
85	164.8	162.37	70	8	30
90	174.4	171.92	70	8	30
95	183.9	181.47	70	8	30
100	193.5	191.01	70	8	30
110	212.6	210.11	70	8	30
114	220.2	217.75	70	8	30
120	231.7	229.20	70	8	30
125	241.2	238.75	70	8	30



SPROCKETS

Tooth radius r ₃	6
Radius width C	0.7
Tooth width B ₁	2.6

CHAIN

Pitch	6
Internal width	2.8
Roller Φ	4

H=4mm, From z=66 the width of the plate is increased

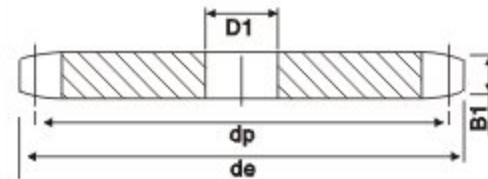


04A-1

SPROCKETS 6X2.8mm

For chain Acc. To DIN 8187
ISO/R 606

Z	d _e	d _p	S d ₁
8	18.0	15.67	5
9	19.9	17.54	5
10	21.7	19.42	6
11	23.6	21.30	6
12	25.4	23.18	6
13	27.3	25.05	8
14	29.2	26.96	8
15	31.0	28.86	8
16	33.0	30.76	8
17	35.0	32.65	8
18	36.9	34.55	8
19	38.8	36.44	8
20	40.7	38.34	8
21	42.6	40.25	8
22	44.5	42.16	8
23	46.4	44.06	8
24	48.3	45.96	8
25	50.2	47.87	8
26	52.1	49.76	8
27	54.0	51.67	8
28	55.9	53.58	8
29	57.8	55.50	8
30	59.8	57.42	8
31	61.7	59.31	8
32	63.6	61.21	8
33	65.5	63.11	8
34	67.4	65.02	8
35	69.3	66.93	8
36	71.2	68.84	8
37	73.1	70.75	8
38	75.0	72.66	8
39	76.9	74.57	8
40	78.8	76.47	8
41	80.8	78.38	10
42	82.7	80.28	10
43	84.7	82.19	10
44	86.6	84.10	10
45	88.5	86.01	10
46	90.4	87.92	10
47	92.3	89.83	10
48	94.2	91.74	10
49	96.1	93.64	10
50	98.0	95.55	10
51	99.9	97.46	12
52	101.8	99.37	12
53	103.7	101.27	12
54	105.6	103.17	12
55	107.6	105.08	12
56	109.5	107.00	12
57	111.4	108.93	12
58	113.3	110.82	12
59	115.2	112.71	12
60	117.1	114.62	12
62	120.9	118.45	14
64	124.7	122.27	14
65	126.6	124.18	14
66	128.5	126.09	14
68	132.4	129.91	14
70	136.2	133.73	14
72	140.0	137.55	16
75	145.7	143.28	16
76	147.6	145.19	16
78	151.5	149.01	16
80	155.3	152.82	16
85	164.8	162.37	16
90	174.4	171.92	16
95	183.9	181.47	16
100	193.5	191.01	16
110	212.6	210.11	16
114	220.2	217.75	16
120	231.7	229.20	16
125	241.2	238.75	16



SPROCKETS mm

Tooth radius r₃ 6
Radius width C 0.7
Tooth width B₁ 2.8

CHAIN mm

Pitch 6
Internal width 2.8
Roller Φ 4

H=4mm, From z=51 the width of the plate is increased

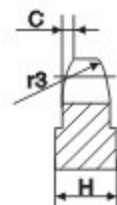
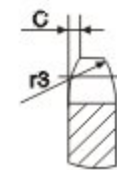
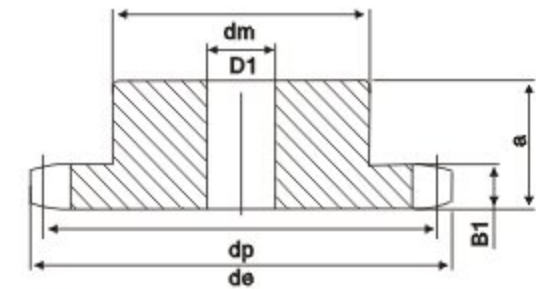


1/4" X 1/8"

SPROCKETS 1/4" X 1/8"

For chain Acc. To DIN 8187
ISO/R 606

Z	d _e	d _p	SIMPLEX		
			d _m	d ₁	a
8	19.4	16.58	10	6	12
9	21.4	18.58	11.5	6	12
10	23.3	20.55	13	6	12
11	25.3	22.54	15	8	13
12	27.3	24.53	17	8	13
13	29.3	26.53	17	8	13
14	31.3	28.53	17	8	13
15	33.3	30.53	20	8	13
16	35.3	32.55	22	8	14
17	37.3	34.55	22	8	14
18	39.4	36.56	25	8	14
19	41.4	38.58	25	8	14
20	43.4	40.58	25	8	14
21	45.4	42.60	30	8	14
22	47.4	44.62	30	8	14
23	49.4	46.63	30	8	14
24	51.4	48.64	30	8	14
25	53.5	50.66	30	8	14
26	55.5	52.67	30	8	14
27	57.5	54.69	30	8	14
28	59.5	56.71	30	8	16
29	61.5	58.73	30	8	16
30	63.6	60.75	30	8	16
31	65.6	62.78	30	8	16
32	67.6	64.78	30	8	16
33	69.6	66.80	30	8	16
34	71.6	68.82	30	8	16
35	73.6	70.84	30	8	16
36	75.6	72.85	30	8	16
37	77.7	74.87	30	8	16
38	79.7	76.89	30	8	16
39	81.7	78.91	30	8	16
40	83.7	80.93	30	8	16
41	85.7	82.95	40	10	18
42	87.8	84.97	40	10	18
43	89.8	86.98	40	10	18
44	91.8	89.01	40	10	18
45	93.8	91.03	40	10	18
46	95.8	93.05	40	10	18
47	97.9	95.07	40	10	18
48	99.9	97.09	40	10	18
49	101.9	99.10	40	10	18
50	103.9	101.13	40	10	18
51	105.9	103.14	40	10	18
52	108.0	105.16	40	10	18
53	110.0	107.18	40	10	18
54	112.0	109.18	40	10	18
55	114.0	111.23	40	10	18
56	116.0	113.25	40	10	18
57	118.1	115.27	40	10	18
58	120.1	117.29	50	10	20
59	122.1	119.31	50	10	20
60	124.1	121.32	50	10	20
62	128.2	125.37	50	10	20
64	132.2	129.41	50	10	20
65	134.2	131.43	50	10	20
66	136.2	133.45	50	10	20
68	140.3	137.49	50	10	20
70	144.3	141.53	50	10	20
72	148.4	145.58	50	10	20
75	154.4	151.63	50	10	20
76	156.5	153.66	50	10	20
78	160.5	157.70	70	10	30
80	164.5	161.74	70	10	30
85	174.6	171.85	70	10	30
90	184.7	181.95	70	10	30
95	194.8	192.05	70	10	30
100	204.9	202.15	70	10	30
110	225.1	222.37	70	10	30
114	233.2	230.45	70	10	30
120	245.4	242.58	70	10	30
125	255.5	252.62	70	10	30



SPROCKETS 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 Φ 3.3

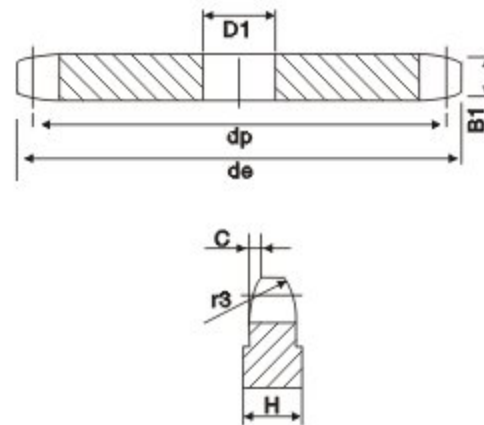
H=4mm, From z=62 the width of the plate is increased



1/4" X 1/8" PLATEWHEELS 1/4" X 1/8"

For chain Acc. To DIN 8187
ISO/R 606

z	d _e	d _p	S d ₁
8	19.4	16.58	5
9	21.4	18.56	5
10	23.3	20.55	6
11	25.3	22.54	6
12	27.3	24.53	6
13	29.3	26.53	8
14	31.3	28.53	8
15	33.3	30.53	8
16	35.3	32.55	8
17	37.3	34.55	8
18	39.4	36.56	8
19	41.4	38.58	8
20	43.4	40.58	8
21	45.4	42.60	8
22	47.4	44.62	8
23	49.4	46.63	8
24	51.4	48.64	8
25	53.5	50.66	8
26	55.5	52.67	8
27	57.5	54.69	8
28	59.5	56.71	8
29	61.5	58.73	8
30	63.6	60.75	8
31	65.6	62.76	8
32	67.6	64.78	8
33	69.6	66.80	8
34	71.6	68.82	8
35	73.6	70.84	8
36	75.6	72.85	8
37	77.7	74.87	8
38	79.7	76.89	8
39	81.7	78.91	8
40	83.7	80.93	8
41	85.7	82.95	10
42	87.8	84.97	10
43	89.8	86.98	10
44	91.8	89.01	10
45	93.8	91.03	10
46	95.8	93.05	10
47	97.9	95.07	10
48	99.9	97.09	10
49	101.9	99.10	10
50	103.9	101.13	10
51	105.9	103.14	12
52	108.0	105.16	12
53	110.0	107.18	12
54	112.0	109.18	12
55	114.0	111.23	12
56	116.0	113.25	12
57	118.1	115.27	12
58	120.1	117.29	12
59	122.1	119.31	12
60	124.1	121.32	12
62	128.2	125.37	14
64	132.2	129.41	14
65	134.2	131.43	14
66	136.2	133.45	14
68	140.3	137.49	14
70	144.3	141.53	14
72	148.4	145.58	16
75	154.4	151.63	16
76	156.5	153.66	16
78	160.5	157.70	16
80	164.5	161.74	16
85	174.6	171.85	16
90	184.7	181.95	16
95	194.8	192.05	16
100	204.9	202.15	16
110	225.1	222.37	16
114	233.2	230.45	16
120	245.4	242.58	16
125	255.5	252.69	16



SPROCKETS mm

Tooth radius r ₃	6.4
Radius width C	0.7
Tooth width B ₁	2.9

CHAIN mm

Pitch	6.35
Internal width	3.18
Roller Φ	3.3

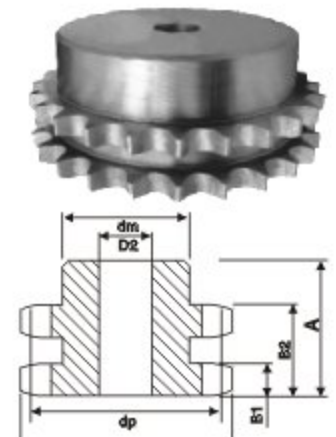
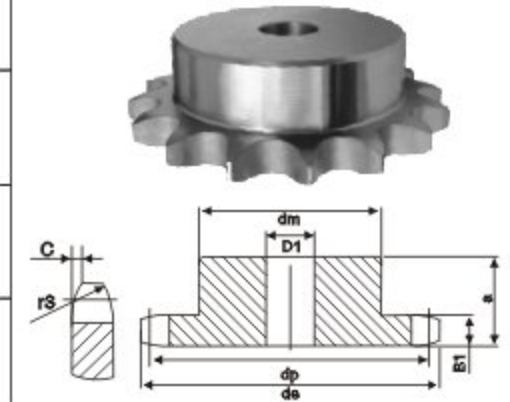
H=4mm, From z=51 the width of the plate is increased

05B-1-2

SPROCKETS 8X3mm

For chain Acc. To DIN 8187
ISO/R 606

z	d _e	d _p	SIMPLEX			DUPLEX		
			d _m	d ₁	a	d _m	D ₂	a
8	24.0	20.90	13	6	12	12	8	18
9	26.6	23.39	15	6	12	15	8	18
10	29.2	25.89	17	8	12	17	8	18
11	31.7	28.39	18	8	13	19	8	18
12	34.2	30.91	20	8	13	21	8	18
13	36.7	33.42	23	8	13	24	8	18
14	39.2	35.95	25	8	13	26	8	18
15	41.7	38.48	28	8	13	29	8	18
16	44.3	41.01	30	8	14	32	10	20
17	46.8	43.53	30	8	14	34	10	20
18	49.3	46.07	30	8	14	37	10	20
19	51.9	48.61	30	8	14	39	10	20
20	54.4	51.14	30	8	14	40	10	20
21	57.0	53.68	35	8	14	40	10	20
22	59.5	56.21	35	8	14	40	10	20
23	62.0	58.75	35	8	14	40	10	20
24	64.6	61.29	35	8	14	40	10	20
25	67.1	63.83	35	8	14	40	10	20
26	69.5	66.37	40	10	16	50	12	22
27	72.2	68.91	40	10	16	50	12	22
28	74.8	71.45	40	10	16	50	12	22
29	77.3	73.99	40	10	16	50	12	22
30	79.8	76.53	40	10	16	50	12	22
31	82.4	79.08	40	10	16	60	12	22
32	84.9	81.61	40	10	16	60	12	22
33	87.5	84.16	40	10	16	60	12	22
34	90.0	86.70	40	10	16	60	12	22
35	92.5	89.25	40	10	16	60	12	22
36	95.0	91.79	40	10	16	60	12	22
37	97.6	94.33	40	10	16	60	12	22
38	100.2	96.88	40	10	16	60	12	22
39	102.7	99.42	40	10	16	60	12	22
40	105.3	101.97	40	10	16	60	12	22
41	107.8	104.51	50	10	20	78	12	38
42	110.4	107.05	50	10	20	78	12	38
43	112.9	109.60	58	10	20	78	12	38
44	115.5	112.14	58	10	20	78	12	38
45	118.0	114.69	58	10	20	78	12	38
46	120.6	117.23	58	10	20	78	12	38
47	123.1	119.77	58	10	20	78	12	38
48	125.6	122.32	58	10	20	78	12	38
49	128.2	124.86	58	10	20	78	12	38
50	130.7	127.41	58	10	20	78	12	38
51	133.3	129.95	78	10	20	78	12	38
52	135.8	132.49	78	10	20	78	12	38
53	138.4	135.04	78	10	20	78	12	38
54	140.9	137.59	78	10	20	78	12	38
55	143.5	140.13	78	10	20	78	12	38
56	146.0	142.68	78	10	20	78	12	38
57	148.6	145.22	78	10	20	78	12	38
58	151.0	147.77	78	10	34	78	12	38
59	153.6	150.31	78	10	34	78	12	38
60	156.2	152.86	78	10	34	78	12	38
62	162.0	157.95	78	10	34	78	12	38
64	167.1	163.04	78	10	34	78	12	38
65	169.6	165.58	78	10	34	78	12	38
66	172.2	168.13	78	10	34	78	12	38
68	177.3	173.22	78	10	34	78	12	38
70	182.4	178.31	78	10	34	78	12	38
72	187.5	183.40	78	10	34	78	12	38
75	195.1	191.04	78	10	34	78	12	38
76	197.7	193.59	78	10	34	78	12	38
78	202.8	198.68	*78	10	34	*78	12	38
80	207.9	203.77	*78	10	34	*78	12	38
85	220.6	216.50	*78	10	34	*88	12	43
90	233.4	229.23	*78	10	34	*88	12	43
95	246.1	241.96	*78	10	34	*88	12	43
100	258.9	254.68	*78	10	34	*88	12	43
110	284.3	280.15	*88	10	39	*88	12	43
114	294.5	290.33	*88	10	39	*88	12	43
120	310.0	305.61	*88	10	39	*88	12	43
125	322.5	318.34	*88	10	39	*88	12	43



SPROCKETS mm

Tooth radius r ₃	8
Radius width C	1.0
Tooth width B ₁	2.8
Tooth width B ₂	2.7
Tooth width B ₃	8.3

CHAIN mm

Pitch	8
Internal width	3
Roller Φ	5

Material: c45
*Weld on hub

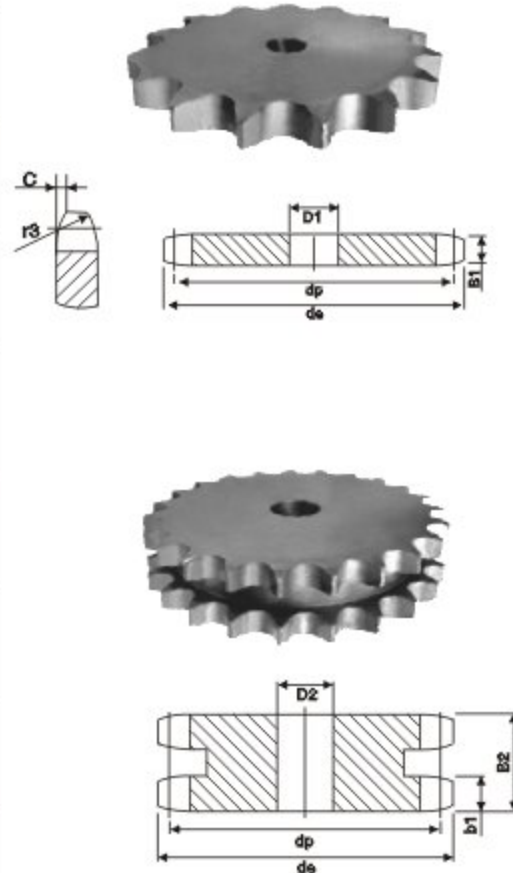


05A-1-2

PLATEWHEELS 8X3mm

For chain Acc. To DIN 8187
ISO/R 606

z	d _a	d _p	S	d ₁
8	24.0	20.90	6	8
9	26.6	23.39	6	8
10	29.2	25.89	8	8
11	31.7	28.39	8	8
12	34.2	30.91	8	8
13	36.7	33.42	8	8
14	39.2	35.95	8	8
15	41.7	38.48	8	8
16	44.3	41.01	8	10
17	46.8	43.53	8	10
18	49.3	46.07	8	10
19	51.9	48.61	8	10
20	54.4	51.14	8	10
21	57.0	53.68	8	10
22	59.5	56.21	8	10
23	62.0	58.75	8	10
24	64.6	61.29	8	10
25	67.1	63.83	8	10
26	69.6	66.37	10	12
27	72.2	68.91	10	12
28	74.8	71.45	10	12
29	77.3	73.99	10	12
30	79.8	76.53	10	12
31	82.4	79.08	10	12
32	84.9	81.61	10	12
33	87.5	84.16	10	12
34	90.0	86.70	10	12
35	92.5	89.25	10	12
36	95.0	91.79	10	12
37	97.6	94.33	10	12
38	100.2	96.88	10	12
39	102.7	99.42	10	12
40	105.3	101.97	10	12
41	107.8	104.51	12	14
42	110.4	107.05	12	14
43	112.9	109.60	12	14
44	115.5	112.14	12	14
45	118.0	114.69	12	14
46	120.6	117.23	12	14
47	123.1	119.77	12	14
48	125.6	122.32	12	14
49	128.2	124.86	12	14
50	130.7	127.41	12	14
51	133.3	129.95	14	16
52	135.8	132.49	14	16
53	138.4	135.04	14	16
54	140.9	137.59	14	16
55	143.5	140.13	14	16
56	146.0	142.68	14	16
57	148.6	145.22	14	16
58	151.0	147.77	14	16
59	153.6	150.31	14	16
60	156.2	152.86	14	16
62	162.0	157.95	16	20
64	167.1	163.04	16	20
65	169.6	165.58	16	20
66	172.2	168.13	16	20
68	177.3	173.22	16	20
70	182.4	178.31	16	20
72	187.5	183.40	20	20
75	195.1	191.04	20	20
76	197.7	193.59	20	20
78	202.8	198.68	20	20
80	207.9	203.77	20	20
85	220.6	216.50	20	20
90	233.4	229.23	20	20
95	246.1	241.96	20	20
100	258.9	254.68	20	20
110	284.3	280.15	20	20
114	294.5	290.33	20	20
120	310.0	305.61	20	20
125	322.5	318.34	20	20



PLATEWHEELS	mm
Tooth radius r ₃	8
Radius width C	1.0
Tooth width B ₁	2.8
Tooth width B ₂	2.7
Tooth width B ₃	8.3

CHAIN	mm
Pitch	8
Internal width	3
Roller Φ	5

H=4mm, From z=48 the width of the plate is increased

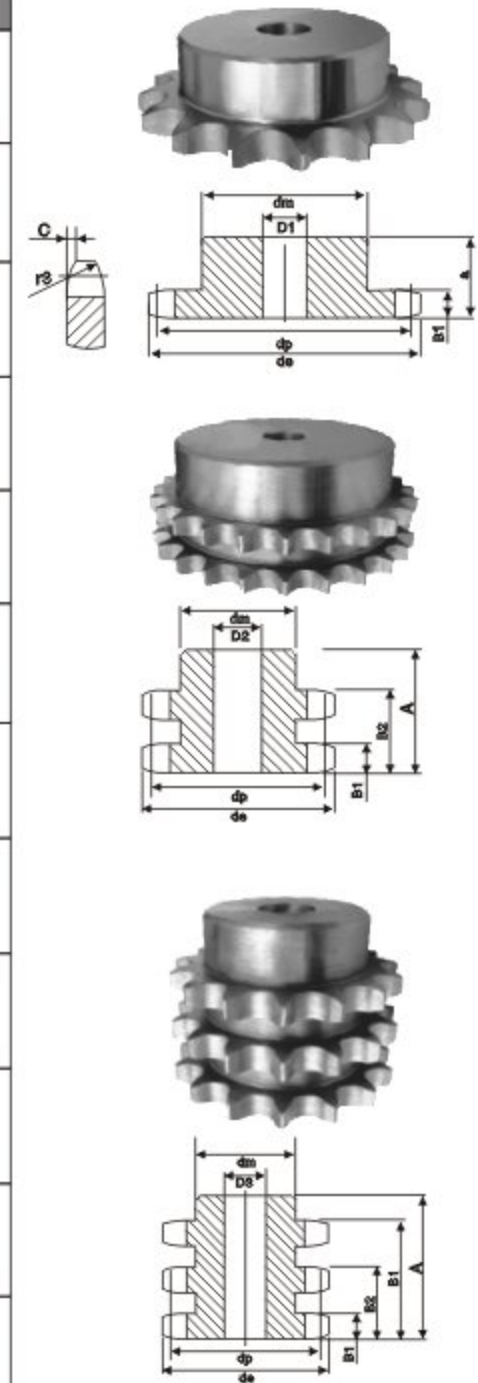


06B-1-2-3

SPROCKETS 3/8" X7/32" mm

For chain Acc. To DIN 8187
ISO/R 606

z	d _a	d _p	SIMPLEX			DUPLEX			TRIPLEX		
			d _m	d ₁	a	d _m	D ₂	a	d _m	D ₃	a
8	28.0	24.89	15	8	20	15	8	22	15	8	32
9	31.0	27.85	18	8	20	18	8	22	18	8	32
10	34.0	30.82	20	8	20	20	8	22	20	10	32
11	37.0	33.80	22	8	25	22	10	25	22	10	35
12	40.0	36.80	25	8	25	25	10	25	25	10	35
13	43.0	39.79	28	10	25	28	10	25	28	10	35
14	46.3	42.80	31	10	25	31	10	25	31	12	35
15	49.3	45.81	34	10	25	34	10	25	34	12	35
16	52.3	48.82	37	10	28	37	12	30	37	12	35
17	55.3	51.83	40	10	28	40	12	30	40	12	35
18	58.3	54.85	43	10	28	43	12	30	43	12	35
19	61.3	57.87	46	10	28	46	12	30	46	12	35
20	64.3	60.89	48	10	28	48	12	30	48	12	35
21	68.0	63.91	48	12	28	52	12	30	52	14	40
22	71.0	66.93	50	12	28	55	12	30	55	14	40
23	73.5	69.95	52	12	28	58	12	30	58	14	40
24	77.0	72.97	54	12	28	61	12	30	61	14	40
25	80.0	76.00	57	12	28	64	12	30	64	14	40
26	83.0	79.02	60	12	28	67	12	30	67	14	40
27	86.0	82.05	60	12	28	70	12	30	70	14	40
28	89.0	85.07	60	12	28	73	12	30	73	14	40
29	92.0	88.09	60	12	28	76	12	30	76	14	40
30	94.7	91.12	60	12	28	79	12	30	79	14	40
31	98.3	94.15	65	14	28	80	16	30	80	16	40
32	101.3	97.17	65	14	28	80	16	30	80	16	40
33	104.3	100.20	65	14	30	80	16	30	80	16	40
34	107.3	103.23	65	14	30	80	16	30	80	16	40
35	110.4	106.26	65	14	30	80	16	30	80	16	40
36	113.4	109.29	70	14	30	90	16	30	90	16	40
37	116.4	112.32	70	14	30	90	16	30	90	16	40
38	119.5	115.35	70	14	30	90	16	30	90	16	40
39	122.5	118.37	70	14	30	90	16	30	90	16	40
40	125.5	121.40	70	14	30	90	16	30	90	16	40
41	128.5	124.43	78	14	32	90	16	40	90	16	56
42	131.6	127.46	78	14	32	90	16	40	90	16	56
43	134.6	130.49	78	14	32	90	16	40	90	16	56
44	137.6	133.52	78	14	32	90	16	40	90	16	56
45	140.7	136.55	78	14	32	90	16	40	90	16	56
46	143.7	139.58	78	14	32	90	16	40	90	16	56
47	146.7	142.61	78	14	32	90	16	40	90	16	56
48	149.7	145.64	78	14	32	90	16	40	90	16	56
49	152.7	148.66	78	14	32	90	16	40	90	16	56
50	155.7	151.69	78	14	32	90	16	40	90	16	56
51	158.7	154.72	78	14	32	90	16	40	90	16	56
52	161.8	157.75	78	14	32	90	16	40	90	16	56
53	164.8	160.78	78	14	32	90	16	40	90	16	56
54	167.8	163.82	78	14	32	90	16	40	90	16	56
55	170.8	166.85	78	14	32	90	16	40	90	16	56
56	173.8	169.88	78	14	32	90	16	40	90	16	56
57	176.9	172.91	78	14	32	90	16	40	90	16	56
58	179.9	175.93	78	14	32	90	16	40	90	16	56
59	183.0	178.96	78	14	32	90	16	40	90	16	56
60	186.0	181.99	78	14	32	90	16	40	90	16	56
62	192.1	188.06	78	14	32	90	16	40	90	16	56
64	198.2	194.12	78	14	32	90	16	40	90	16	56
65	201.6	197.15	*78	14	32	*90	16	40	*90	*16	56
66	204.8	200.18	*78	14	32	*90	16	40	*90	*16	56
68	210.7	206.24	*78	14	32	*90	16	40	*90	*16	56
70	216.7	212.30	*78	14	32	*90	16	40	*90	*16	56
72	222.8	218.37	*78	14	32	*90	16	40	*90	*16	56
75	231.9	227.46	*78	14	32	*90	16	40	*90	*16	56
76	234.9	230.49	*78	14	32	*90	16	40	*90	*16	56
78	241.0	236.55	*78	14	32	*90	16	40	*90	*16	56
80	247.1	242.61	*78	14	32	*90	16	40	*90	*16	56
85	262.2	257.77	*80	14	32	*90	16	40	*90	*16	56
90	277.4	272.93	*80	14	32	*90	16	40	*90	*16	56
95	292.5	288.08	*80	14	32	*90	16	40	*90	*16	56
100	307.7	303.25	*80	14	32	*90	16	40	*90	*16	56
110	336.0	333.55	*80	14	32	*90	16	40	*90	*16	56
114	349.5	345.68	*80	14	32	*90	16	40	*90	*16	56
120	368.3	363.86	*80	14	32	*90	16	40	*90	*16	56
125	383.5	379.02	*80	14	32	*90	16	40	*90	*16	56



SPROCKETS	mm
Tooth radius r ₃	10
Radius width C	1
Tooth width B ₁	5.3
Tooth width B ₂	5.2
Tooth width B ₃	15.4
Tooth width B ₄	25.6
CHAIN	mm
Pitch	9.525
Internal width	5.72
Roller Φ	6.35

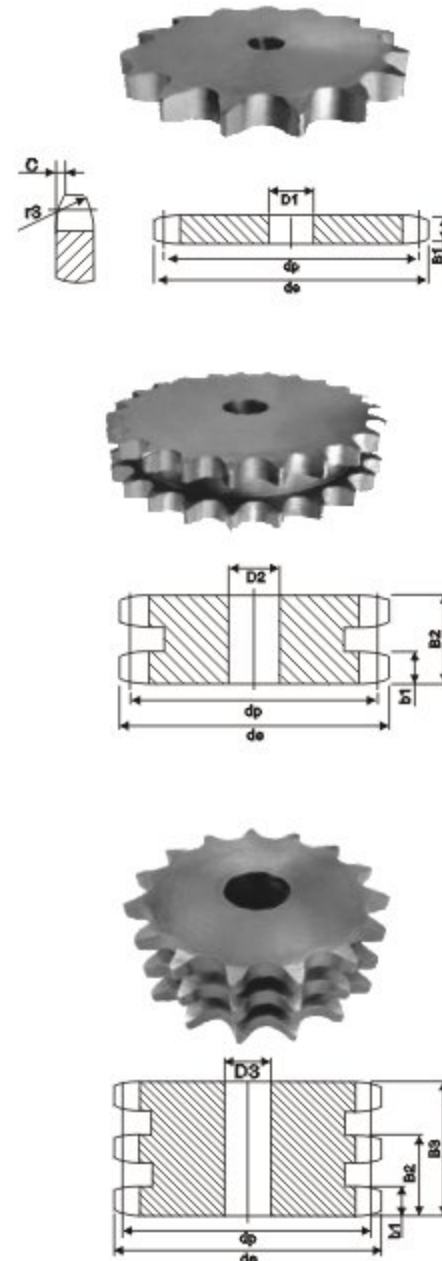


06A-1-2-3

PLATEWHEELS 3/8" X7/32" mm

For chain Acc. To DIN 8187
ISO/R 606

Z	d _e	d _p	S		D		T	
			d ₁	D ₂	D ₃	D ₄	D ₅	D ₆
8	28.0	24.89	6	8	8			
9	31.0	27.85	8	8	8			
10	34.0	30.82	8	8	8			
11	37.0	33.80	8	10	10			
12	40.0	36.80	8	10	10			
13	43.0	39.79	8	10	10			
14	46.3	42.80	8	10	12			
15	49.3	45.81	8	10	12			
16	52.3	48.82	10	12	12			
17	55.3	51.83	10	12	12			
18	58.3	54.85	10	12	12			
19	61.3	57.87	10	12	12			
20	64.3	60.89	10	12	12			
21	68.0	63.91	10	12	14			
22	71.0	66.93	10	12	14			
23	73.5	69.95	10	12	14			
24	77.0	72.97	10	12	14			
25	80.0	76.02	10	12	14			
26	83.0	79.02	10	12	14			
27	86.0	82.02	10	12	14			
28	89.0	85.07	10	12	14			
29	92.0	88.09	10	12	14			
30	94.7	91.12	10	12	14			
31	98.3	94.15	12	14	16			
32	101.3	97.17	12	14	16			
33	104.3	100.20	12	14	16			
34	107.3	103.23	12	14	16			
35	110.4	106.26	12	14	16			
36	113.4	109.29	12	14	16			
37	116.4	112.32	12	14	16			
38	119.5	115.35	12	14	16			
39	122.5	118.37	12	14	16			
40	125.5	121.40	12	14	16			
41	128.5	124.43	16	16	16			
42	131.6	127.46	16	16	16			
43	134.6	130.49	16	16	16			
44	137.8	133.52	16	16	16			
45	140.7	136.55	16	16	16			
46	143.7	139.58	16	16	16			
47	146.7	142.61	16	16	16			
48	149.7	145.64	16	16	16			
49	152.7	148.66	16	16	16			
50	155.7	151.69	16	16	16			
51	158.7	154.72	16	16	20			
52	161.8	157.75	16	16	20			
53	164.8	160.78	16	16	20			
54	167.8	163.82	16	16	20			
55	170.8	166.85	16	16	20			
56	173.8	169.88	16	16	20			
57	176.9	172.91	16	16	20			
58	179.9	175.93	16	16	20			
59	183.0	178.96	16	16	20			
60	186.0	181.99	16	16	20			
62	192.1	188.06	20	20	20			
64	198.2	194.12	20	20	20			
65	201.6	197.15	20	20	20			
66	204.6	200.18	20	20	25			
68	210.7	206.24	20	20	25			
70	216.7	212.30	20	20	25			
72	222.8	218.37	20	20	25			
75	231.9	227.46	20	20	25			
76	234.9	230.49	20	20	25			
78	241.0	236.55	20	20	25			
80	247.1	242.61	20	20	25			
85	262.2	257.77	20	20	25			
90	277.4	272.93	20	20	25			
95	292.5	288.08	20	20	25			
100	307.7	303.25	20	20	25			
110	338.0	333.55	20	20	25			
114	349.5	345.68	20	20	25			
120	368.3	363.86	20	20	25			
125	383.5	379.02	20	20	25			



PLATEWHEELS mm

Tooth radius r _s	10
Radius width C	1
Tooth width B ₁	5.3
Tooth width B ₂	5.2
Tooth width B ₃	15.4
Tooth width B ₄	25.6

CHAIN mm

Pitch	9.525
Internal width	5.72
Roller φ	6.35

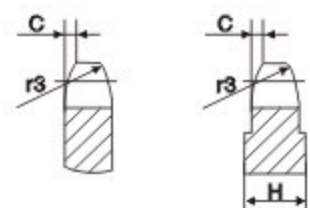
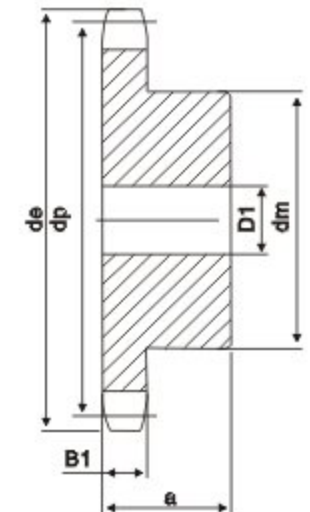
H=4mm, From z=100 the width of the plate is increased

081B-1

SPROCKETS 1/2" X1/8"

For chain Acc. to DIN 8187
ISO/R 606

Z	d _e	d _p	SIMPLEX					
			d _m	d ₁	a			
8	37.2	33.18	21	8	14			
9	41.5	37.13	25	8	14			
10	46.2	41.10	28	8	14			
11	49.6	45.07	31	8	16			
12	53.9	49.07	35	8	16			
13	58.4	53.06	39	8	16			
14	62.8	57.07	43	8	16			
15	66.8	61.09	47	8	16			
16	70.9	65.10	50	10	18			
17	74.9	69.11	50	10	18			
18	78.9	73.14	50	10	18			
19	82.9	77.16	50	10	18			
20	86.9	81.19	50	10	18			
21	91.0	85.22	60	12	20			
22	95.0	89.24	60	12	20			
23	99.0	93.27	60	12	20			
24	103.0	97.29	60	12	20			
25	107.1	101.33	60	12	20			
26	111.2	105.36	70	16	20			
27	115.4	109.40	70	16	20			
28	119.4	113.42	70	16	20			
29	123.4	117.46	70	16	20			
30	127.5	121.50	70	16	20			
31	131.5	125.54	70	16	20			
32	135.5	129.56	70	16	20			
33	139.6	133.60	70	16	20			
34	143.6	137.64	70	16	20			
35	147.6	141.68	70	16	20			
36	151.7	145.72	70	16	25			
37	155.7	149.76	70	16	25			
38	159.8	153.80	70	16	25			
39	163.8	157.83	70	16	25			
40	167.8	161.87	70	16	25			
41	171.4	165.91	78	16	32			
42	175.4	169.95	78	16	32			
43	179.5	173.99	78	16	32			
44	183.5	178.03	78	16	32			
45	187.5	182.07	78	16	32			
46	191.6	186.10	78	16	32			
47	195.6	190.14	78	16	32			
48	199.7	194.18	78	16	32			
49	203.7	198.22	*78	16	32			
50	207.8	202.26	*78	16	32			
51	211.8	206.30	*78	16	32			
52	215.9	210.34	*78	16	32			
53	219.9	214.34	*78	16	32			
54	224.0	218.43	*78	16	32			
55	228.0	222.46	*78	16	32			
56	232.1	226.50	*78	16	32			
57	236.1	230.54	*78	16	32			
58	240.2	234.58	*78	16	32			
59	244.2	238.62	*78	16	32			
60	248.2	242.66	*78	16	32			
62	256.7	250.75	*78	16	32			
64	264.8	258.82	*78	16	32			
65	268.8	262.86	*78	16	32			
66	272.9	266.90	*78	16	32			
68	280.9	274.99	*78	16	32			
70	289.0	283.07	*78	16	32			
72	297.1	291.16	*78	16	32			
76	313.3	307.33	*78	16	32			
78	321.4	315.40	*78	16	32			
80	329.4	323.48	*78	16	32			
85	349.7	343.70	*80	16	32			
90	369.9	363.90	*80	16	32			
95	390.1	384.10	*80	16	32			
100	410.3	404.31	*80	16	32			
110	450.7	444.74	*80	16	32			
114	468.9	460.90	*80	16	32			
120	491.2	485.16	*80	16	32			
125	511.4	505.37	*80	16	32			



SPROCKETS mm

Tooth radius r _s	13
Radius width C	1.0
tooth width B ₁	3

CHAIN mm

Pitch	12.7
Internal width	3.3
Roller φ	7.75

H=5mm, From Z=31 the width of the plate is increased

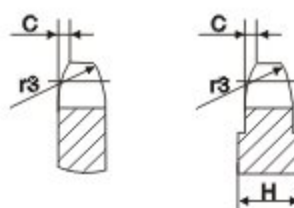
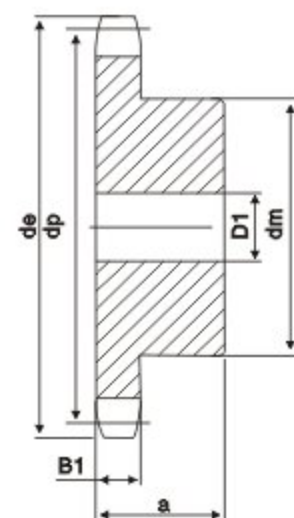


081B-1/084B-1

SPROCKETS 1/2" X3/16"

For chain Acc.to DIN 8187
ISO/R 606

z	d _e	d _p	SIMPLEX					
			d _m	d _i	a			
8	38.5	33.18	21	8	14			
9	41.5	37.13	25	8	14			
10	45.2	41.10	28	8	14			
11	49.6	45.07	31	8	16			
12	53.9	49.07	35	8	16			
13	58.4	53.06	39	8	16			
14	62.8	57.07	43	8	16			
15	66.8	61.09	47	8	16			
16	70.9	65.10	50	10	18			
17	74.9	69.11	50	10	18			
18	78.9	73.14	50	10	18			
19	82.9	77.16	50	10	18			
20	86.9	81.19	50	10	18			
21	91.0	85.22	60	12	20			
22	95.0	89.24	60	12	20			
23	99.0	93.27	60	12	20			
24	103.0	97.29	60	12	20			
25	107.1	101.33	60	12	20			
26	111.2	105.36	70	16	20			
27	115.4	109.40	70	16	20			
28	119.4	113.42	70	16	20			
29	123.4	117.46	70	16	20			
30	127.5	121.50	70	16	20			
31	131.5	125.56	70	16	20			
32	135.5	129.56	70	16	20			
33	139.6	133.60	70	16	20			
34	143.6	137.64	70	16	20			
35	147.6	141.68	70	16	25			
36	151.7	145.72	70	16	25			
37	155.7	149.76	70	16	25			
38	159.8	153.80	70	16	25			
39	163.8	157.83	70	16	25			
40	167.8	161.87	78	16	25			
41	171.4	165.91	78	16	32			
42	175.4	169.95	78	16	32			
43	179.5	173.99	78	16	32			
44	183.5	178.03	78	16	32			
45	187.5	182.07	78	16	32			
46	191.6	186.10	78	16	32			
47	195.6	190.14	78	16	32			
48	199.7	194.18	78	16	32			
49	203.7	198.22	*78	16	32			
50	207.8	202.26	*78	16	32			
51	211.8	206.30	*78	16	32			
52	215.9	210.34	*78	16	32			
53	219.9	214.37	*78	16	32			
54	224.0	218.43	*78	16	32			
55	228.0	222.46	*78	16	32			
56	232.1	226.50	*78	16	32			
57	236.1	230.54	*78	16	32			
58	240.2	234.58	*78	16	32			
59	244.2	238.62	*78	16	32			
60	248.2	242.66	*78	16	32			
62	256.7	250.75	*78	16	32			
64	264.8	258.82	*78	16	32			
65	268.8	262.86	*78	16	32			
66	272.9	266.90	*78	16	32			
68	280.9	274.99	*78	16	32			
70	289.0	283.07	*78	16	32			
72	297.1	291.16	*78	16	32			
76	313.3	307.33	*78	16	32			
78	321.4	315.40	*78	16	32			
80	329.4	323.48	*80	16	32			
85	349.7	343.70	*80	16	32			
90	369.9	363.90	*80	16	32			
95	390.1	384.10	*80	16	32			
100	410.3	404.31	*80	16	32			
110	450.7	444.74	*80	16	32			
114	466.9	460.90	*80	16	32			
120	491.2	485.16	*80	16	32			
125	511.4	505.37	*80	16	*32			



SPROCKETS mm

Tooth radius r_t 13
Radius width C 1.3
tooth width B_t 4.5

CHAIN mm

Pitch 12.7
Internal width 4.88
Roller ϕ 7.75

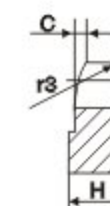


083A-1/084A-1

PLATEWHEELS 1/2" X3/16"

For chain Acc.to DIN 8187
ISO/R 606

z	d _e	d _p	S					
			d _i					
8	38.5	33.18	8					
9	41.5	37.13	8					
10	45.2	41.10	8					
11	49.6	45.07	8					
12	53.9	49.07	8					
13	58.4	53.06	8					
14	62.8	57.07	8					
15	66.8	61.09	8					
16	70.9	65.10	8					
17	74.9	69.11	8					
18	78.9	73.14	8					
19	82.9	77.16	8					
20	86.9	81.19	8					
21	91.0	85.22	8					
22	95.0	89.24	10					
23	99.0	93.27	10					
24	103.0	97.29	10					
25	107.1	101.33	10					
26	111.2	105.36	10					
27	115.4	109.40	12					
28	119.4	113.42	12					
29	123.4	117.46	12					
30	127.5	121.50	12					
31	131.5	125.56	12					
32	135.5	129.56	12					
33	139.6	133.60	12					
34	143.6	137.64	12					
35	147.6	141.68	12					
36	151.7	145.72	16					
37	155.7	149.76	16					
38	159.8	153.80	16					
39	163.8	157.83	16					
40	167.8	161.87	16					
41	171.4	165.91	16					
42	175.4	169.95	16					
43	179.5	173.99	16					
44	183.5	178.03	16					
45	187.5	182.07	16					
46	191.6	186.10	20					
47	195.6	190.14	20					
48	199.7	194.18	20					
49	203.7	198.22	20					
50	207.8	202.26	20					
51	211.8	206.30	20					
52	215.9	210.34	20					
53	219.9	214.37	20					
54	224.0	218.43	20					
55	228.0	222.46	20					
56	232.1	226.50	20					
57	236.1	230.54	20					
58	240.2	234.58	20					
59	244.2	238.62	20					
60	248.2	242.66	20					
62	256.7	250.75	20					
64	264.8	258.82	20					
65	268.8	262.86	20					
66	272.9	266.90	25					
68	280.9	274.99	25					
70	289.0	283.07	25					
72	297.1	291.16	25					
75	313.3	307.33	25					
76	321.4	315.40	25					
78	329.4	323.48	25					
80	349.7	343.70	25					
85	369.9	363.90	25					
90	390.1	384.10	25					
95	410.3	404.31	25					
100	450.7	444.74	25					
114	466.9	460.90	25					
120	491.2	485.16	25					
125	511.4	505.37	25					



SPROCKETS mm

Tooth radius r_t 13
Radius width C 1.3
tooth width B_t 4.5

CHAIN mm

Pitch 12.7
Internal width 4.88
Roller ϕ 7.75

H=6mm, From Z=90 the width of the plate is increased

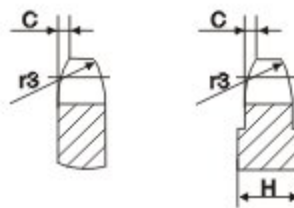
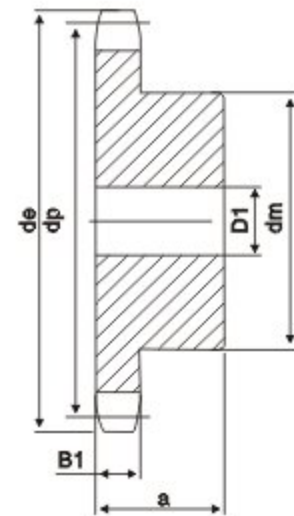


081B-1

SPROCKETS 1/2" X 1/4" Roller 7.75

For chain Acc.to DIN 8187
ISO/R 606

Z	d _e	d _p	SIMPLEX		
			d _m	d ₁	a
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
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



SPROCKETS mm

Tooth radius r_s 13
Radius width C 1.3
tooth width B_s 5.9

CHAIN mm

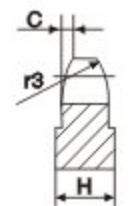
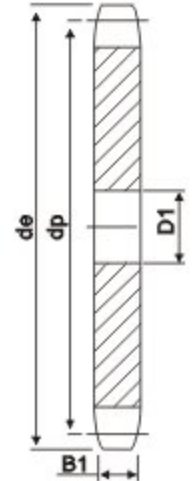
Pitch 12.7
Internal width 6.4
Roller φ 7.75

085A-1

PLATEWHEELS 1/2" X 1/4" Roller 7.75

For chain Acc.to DIN 8187
ISO/R 606

Z	d _e	d _p	S		
			d ₁		
8	38.5	33.18	8		
9	41.5	37.13	8		
10	46.2	41.10	8		
11	49.6	45.07	8		
12	53.9	49.07	8		
13	58.4	53.06	8		
14	62.8	57.07	8		
15	66.8	61.09	8		
16	70.9	65.10	8		
17	74.9	69.11	8		
18	78.9	73.14	8		
19	82.9	77.16	8		
20	86.9	81.19	8		
21	91.0	85.22	10		
22	95.0	89.24	10		
23	99.0	93.27	10		
24	103.0	97.29	10		
25	107.1	101.33	10		
26	111.2	105.36	12		
27	115.4	109.40	12		
28	119.4	113.42	12		
29	123.4	117.46	12		
30	127.5	121.50	12		
31	131.5	125.54	12		
32	135.5	129.56	12		
33	139.6	133.60	12		
34	143.6	137.64	12		
35	147.6	141.68	12		
36	151.7	145.72	16		
37	155.7	149.76	16		
38	159.8	153.80	16		
39	163.8	157.83	16		
40	167.8	161.87	16		
41	171.4	165.91	16		
42	175.4	169.95	16		
43	179.5	173.99	16		
44	183.5	178.03	16		
45	187.5	182.07	16		
46	191.6	186.10	20		
47	195.6	190.14	20		
48	199.7	194.18	20		
49	203.7	198.22	20		
50	207.8	202.26	20		
51	211.8	206.30	20		
52	215.9	210.34	20		
53	219.9	214.37	20		
54	224.0	218.43	20		
55	228.0	222.46	20		
56	232.1	226.50	20		
57	236.1	230.54	20		
58	240.2	234.58	20		
59	244.2	238.62	20		
60	248.2	242.66	20		
62	256.7	250.75	20		
64	264.8	258.82	20		
65	268.8	262.86	20		
66	272.9	266.90	25		
68	280.9	274.99	25		
70	289.0	283.07	25		
72	297.1	291.16	25		
76	313.3	307.33	25		
78	321.4	315.40	25		
80	329.4	323.48	25		
85	349.7	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	511.4	505.37	25		



PLATEWHEELS mm

Tooth radius r_s 13
Radius width C 1.3
tooth width B_s 5.9

CHAIN mm

Pitch 12.7
Internal width 6.4
Roller φ 7.75

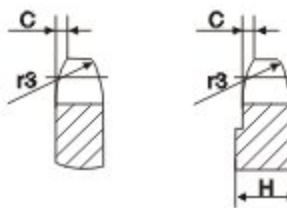
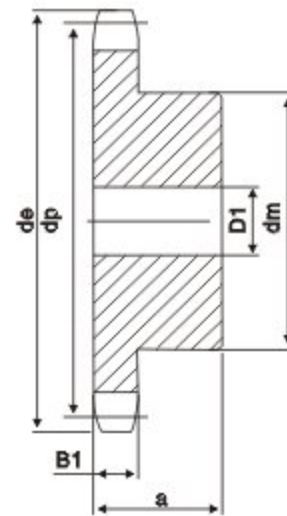


081B-1

SPROCKETS 1/2" X 1/4" Roller 8.51

For chain Acc.to DIN 8187
ISO/R 606

Z	d _e	d _p	SIMPLEX		
			d _m	d ₁	a
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	129.58	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
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



SPROCKETS mm

Tooth radius r_t 13
Radius width C 1.3
tooth width B_t 5.9

CHAIN mm

Pitch 12.7
Internal width 6.4
Roller φ 8.51

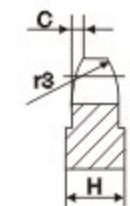
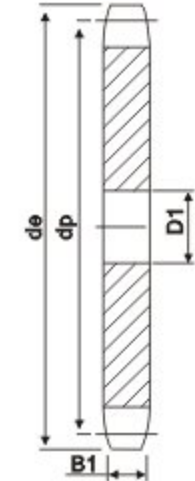


085A-1

PLATEWHEELS 1/2" X 1/4" Roller 8.51

For chain Acc.to DIN 8187
ISO/R 606

Z	d _e	d _p	S		
			d ₁		
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	129.58	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		
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		



PLATEWHEELS mm

Tooth radius r_t 13
Radius width C 1.3
tooth width B_t 5.9

CHAIN mm

Pitch 12.7
Internal width 6.4
Roller φ 8.51

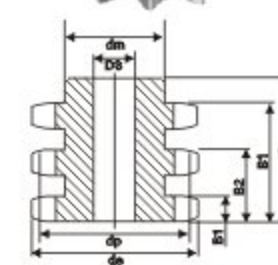
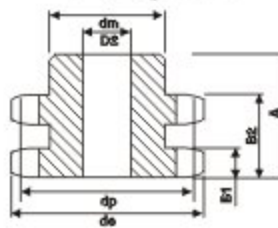
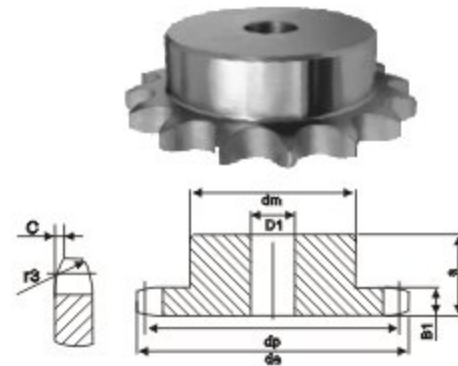


085B-1-2-3

SPROCKETS 1/2" X5/16"

For chain Acc.to DIN 8187
ISO/R 606

Z	d _e	d _p	SIMPLEX			DUPLEX			TRIPLEX		
			d _m	d ₁	a	d _m	D ₂	a	d _m	D ₃	a
8	37.2	33.18	20	10	25	20	10	32	20	10	46
9	41.0	37.13	24	10	25	24	10	32	24	10	46
10	45.2	41.10	26	10	25	28	10	32	28	10	46
11	48.7	45.07	29	10	25	32	12	35	32	14	50
12	53.0	49.07	33	10	28	35	12	35	35	14	50
13	57.4	53.06	37	10	28	38	12	35	38	14	50
14	61.8	57.07	41	10	28	42	12	35	42	14	50
15	65.5	61.09	45	10	28	46	12	35	46	14	50
16	69.5	65.10	50	12	28	50	14	35	50	16	50
17	73.6	69.11	52	12	28	54	14	35	54	16	50
18	77.8	73.14	56	12	28	58	14	35	58	16	50
19	81.7	77.16	60	12	28	62	14	35	62	16	50
20	85.8	81.19	64	12	28	66	14	35	66	16	50
21	89.7	85.22	68	12	28	70	16	40	70	16	55
22	93.8	89.24	70	12	28	70	16	40	70	16	55
23	98.2	93.27	70	14	28	70	16	40	70	16	55
24	101.8	97.29	70	14	28	75	16	40	75	16	55
25	105.8	101.33	70	14	28	80	16	40	80	16	55
26	110.0	105.36	70	16	30	85	16	40	85	20	55
27	114.0	109.40	70	16	30	85	16	40	85	20	55
28	118.0	113.42	70	16	30	90	16	40	90	20	55
29	122.0	117.46	80	16	30	95	16	40	95	20	55
30	126.1	121.50	80	16	30	100	16	40	100	20	55
31	130.2	125.54	90	16	30	100	20	40	110	20	55
32	134.3	129.56	90	16	30	100	20	40	110	20	55
33	138.4	133.60	90	16	30	100	20	40	110	20	55
34	142.6	137.64	90	16	30	100	20	40	110	20	55
35	146.7	141.68	90	16	30	100	20	40	110	20	55
36	151.0	145.72	90	16	35	100	20	40	120	25	55
37	154.6	149.76	90	16	35	100	20	40	120	25	55
38	158.6	153.80	90	16	35	100	20	40	120	25	55
39	162.7	157.83	90	16	35	100	20	40	120	25	55
40	166.8	161.87	90	16	35	100	20	40	120	25	55
41	171.4	165.91	*90	16	40	*108	20	50	*120	25	60
42	175.4	169.95	*90	16	40	*108	20	50	*120	25	60
43	179.7	173.98	*90	16	40	*108	20	50	*120	25	60
44	183.8	178.03	*90	16	40	*108	20	50	*120	25	60
45	188.0	182.07	*90	16	40	*108	20	50	*120	25	60
46	192.1	186.10	*90	16	40	*108	20	50	*120	25	60
47	196.2	190.14	*90	16	40	*108	20	50	*120	25	60
48	200.3	194.18	*90	16	40	*108	20	50	*120	25	60
49	204.3	198.22	*90	16	40	*108	20	50	*120	25	60
50	208.3	202.26	*90	16	40	*108	20	50	*120	25	60
51	212.1	206.30	*90	16	40	*108	20	50	*120	25	60
52	216.1	210.34	*90	16	40	*108	20	50	*120	25	60
53	220.2	214.37	*90	16	40	*108	20	50	*120	25	60
54	224.1	218.43	*90	16	40	*108	20	50	*120	25	60
55	228.1	222.46	*90	16	40	*108	20	50	*120	25	60
56	232.2	226.50	*90	16	40	*108	20	50	*120	25	60
57	236.4	230.54	*90	16	40	*108	20	50	*120	25	60
58	240.5	234.58	*90	16	40	*108	20	50	*120	25	60
59	244.5	238.62	*90	16	40	*108	20	50	*120	25	60
60	248.6	242.66	*90	16	40	*108	20	50	*120	25	60
62	256.9	250.74	*90	16	40	*108	20	50	*120	25	60
64	265.1	258.82	*90	16	40	*108	20	50	*120	25	60
65	269.0	262.86	*90	16	40	*108	20	50	*120	25	60
66	273.0	266.91	*90	16	40	*108	20	50	*120	25	60
68	281.0	274.99	*90	16	40	*108	20	50	*120	25	60
70	289.0	283.07	*90	16	40	*108	20	55	*120	25	60
72	297.2	291.15	*90	16	40	*108	20	55	*120	25	60
75	309.2	303.28	*90	16	40	*108	20	55	*120	25	60
76	313.2	307.32	*90	16	40	*108	20	55	*120	25	60
78	321.4	315.40	*90	16	40	*108	20	55	*120	25	60
80	329.4	323.49	*90	16	40	*108	20	55	*120	25	60
85	349.0	343.69	*90	16	40	*110	20	55	*120	25	60
90	369.9	363.90	*90	16	40	*110	20	55	*120	25	60
95	390.1	384.11	*90	16	40	*110	20	55	*120	25	60
100	410.3	404.32	*90	16	40	*110	20	55	*120	25	60
110	450.7	444.74	*90	16	40	*110	20	55	*120	25	60
114	466.9	460.91	*90	16	40	*110	20	55	*120	25	60
120	491.2	485.16	*90	16	40	*110	20	55	*120	25	60
125	511.3	505.37	*90	16	40	*110	20	55	*120	25	60



SPROCKETS mm

Tooth radius r _s	13
Radius width C	1.3
Tooth width B ₁	7.2
Tooth width b ₁	7
Tooth width B ₂	21
Tooth width B ₃	34.9

CHAIN mm

Pitch	12.7
Internal width	7.75
Roller φ	8.51

08A-1-2-3

PLATEWHEELS 1/2" X5/16"

For chain Acc.to DIN 8187
ISO/R 606

z	d _e	d _p	S	D	T
			D ₁	D ₂	D ₃
8	37.2	33.18	8	10	10
9	41.0	37.13	8	10	10
10	45.2	41.10	8	10	10
11	48.7	45.07	10	10	10
12	53.0	49.07	10	10	10
13	57.4	53.06	10	10	12
14	61.8	57.07	10	10	12
15	65.5	61.09	10	10	12
16	69.5	65.10	10	12	16
17	73.6	69.11	10	12	16
18	77.8	73.14	10	12	16
19	81.7	77.16	10	12	16
20	85.8	81.19	10	12	16
21	89.7	85.22	12	16	16
22	93.8	89.24	12	16	16
23	98.2	93.27	12	16	16
24	101.8	97.29	12	16	16
25	105.8	101.33	12	16	16
26	110.0	105.36	16	16	16
27	114.0	109.40	16	16	16
28	118.0	113.42	16	16	16
29	122.0	117.46	16	16	16
30	126.1	121.50	16	16	16
31	130.2	125.54	16	16	20
32	134.2	129.56	16	16	20
33	138.4	133.60	16	16	20
34	142.6	137.64	16	16	20
35	146.7	141.68	16	16	20
36	151.0	145.72	16	20	20
37	154.6	149.76	16	20	20
38	158.6	153.80	16	20	20
39	162.7	157.83	16	20	20
40	166.8	161.87	16	20	20
41	171.4	165.91	20	20	25
42	175.4	169.95	20	20	25
43	179.7	173.98	20	20	25
44	183.8	178.03	20	20	25
45	188.0	182.07	20	20	25
46	192.1	186.10	20	20	25
47	196.2	190.14	20	20	25
48	200.3	194.18	20	20	25
49	204.3	198.22	20	20	25
50	208.3	202.26	20	20	25
51	212.1	206.30	20	25	25
52	216.1	210.34	20	25	25
53	220.2	214.37	20	25	25
54	224.1	218.43	20	25	25
55	228.1	222.46	20	25	25
56	232.2	226.50	20	25	25
57	236.4	230.54	20	25	25
58	240.5	234.58	20	25	25
59	244.5	238.62	20	25	25
60	248.6	242.66	20	25	25
62	256.9	250.74	25	25	25
64	265.1	258.82	25	25	25
65	269.0	262.86	25	25	25
66	273.0	266.91	25	25	25
68	281.0	274.99	25	25	25
70	289.0	283.07	25	25	25
72	297.2	291.15	25	25	25
75	309.2	303.28	25	25	25
76	313.3	307.32	25	25	25
78	321.4	315.40	25	25	25
80	329.4	323.49	25	25	25
85	349.0	343.69	25	25	25
90	369.9	363.90	25	25	25
95	390.1	384.11	25	25	25
100	410.3	404.32	25	25	25
110	450.7	444.74	25	25	25
114	466.9	460.90	25	25	25
120	491.2	485.16	25	25	25
125	511.3	505.37	25	25	25

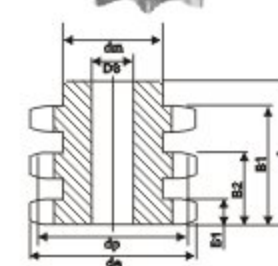
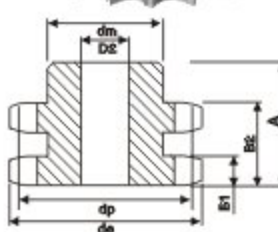
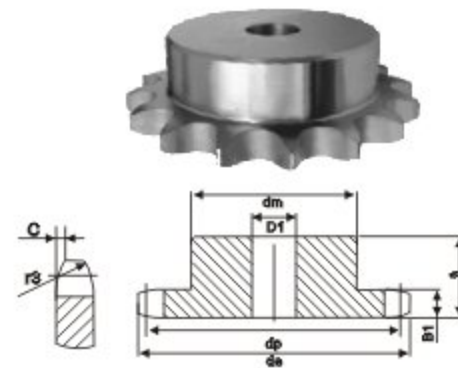


10B-1-2-3

SPROCKETS 5/8" X3/8"

For chain Acc.to DIN 8187
ISO/R 606

Z	d _a	d _p	SIMPLEX			DUPLEX			TRIPLEX		
			d _m	d ₁	a	d _m	D ₂	a	d _m	D ₃	a
8	47.0	41.18	25	10	25	25	12	40	25	12	55
9	52.6	46.41	30	10	25	30	12	40	30	12	55
10	57.5	51.37	35	10	25	35	12	40	35	12	55
11	63.0	56.34	37	12	30	39	14	40	39	16	55
12	68.0	61.34	42	12	30	44	14	40	44	16	55
13	73.0	66.32	47	12	30	49	14	40	49	16	55
14	78.0	71.34	52	12	30	54	14	40	54	16	55
15	83.0	76.36	57	12	30	59	14	40	59	16	55
16	88.0	81.37	60	12	30	64	16	45	64	16	60
17	93.0	86.39	60	12	30	69	16	45	69	16	60
18	98.3	91.42	70	14	30	74	16	45	74	16	60
19	103.3	96.45	70	14	30	79	16	45	79	16	60
20	108.4	101.49	75	14	30	84	16	45	84	16	60
21	113.4	106.52	75	16	30	85	16	45	85	20	60
22	118.0	111.55	80	16	30	90	16	45	90	20	60
23	123.5	116.58	80	16	30	95	16	45	95	20	60
24	128.3	121.62	80	16	30	100	16	45	100	20	60
25	134.0	126.66	80	16	30	105	16	45	105	20	60
26	139.0	131.70	85	20	35	110	20	45	110	20	60
27	144.0	136.75	85	20	35	110	20	45	110	20	60
28	148.4	141.78	90	20	35	115	20	45	115	20	60
29	153.8	146.83	90	20	35	115	20	45	115	20	60
30	158.8	151.87	90	20	35	120	20	45	120	20	60
31	163.9	156.92	95	20	35	120	20	45	120	20	60
32	168.9	161.95	95	20	35	120	20	45	120	20	60
33	174.5	167.00	95	20	35	120	20	45	120	20	60
34	179.0	172.05	95	20	35	120	20	45	120	20	60
35	184.1	177.10	95	20	35	120	20	45	120	20	60
36	189.1	182.15	100	20	35	120	20	45	120	25	60
37	194.2	187.20	100	20	35	120	20	45	120	25	60
38	199.2	192.24	100	20	35	120	20	45	120	25	60
39	204.2	197.29	100	20	35	120	20	45	120	25	60
40	209.3	202.34	100	20	35	120	20	45	120	25	60
41	214.8	207.38	*100	20	40	*120	20	50	*130	25	60
42	219.9	212.43	*100	20	40	*120	20	50	*130	25	60
43	224.9	217.48	*100	20	40	*120	20	50	*130	25	60
44	230.0	222.53	*100	20	40	*120	20	50	*130	25	60
45	235.0	227.58	*100	20	40	*120	20	50	*130	25	60
46	240.1	232.63	*100	20	40	*120	20	50	*130	25	60
47	245.1	237.68	*100	20	40	*120	20	50	*130	25	60
48	250.2	242.73	*100	20	40	*120	20	50	*130	25	60
49	255.2	247.78	*100	20	40	*120	20	50	*130	25	60
50	260.3	252.82	*100	20	40	*120	20	50	*130	25	60
51	265.3	257.87	*100	20	40	*120	20	50	*130	25	60
52	270.4	262.92	*100	20	40	*120	20	50	*130	25	60
53	275.4	267.97	*100	20	40	*120	20	50	*130	25	60
54	280.5	273.03	*100	20	40	*120	20	50	*130	25	60
55	285.5	278.08	*100	20	40	*120	20	50	*130	25	60
56	290.6	283.13	*100	20	40	*120	20	50	*130	25	60
57	296.0	288.18	*100	20	40	*120	20	50	*130	25	60
58	300.7	296.23	*100	20	43	*120	20	57	*130	25	64
59	305.7	298.28	*100	20	43	*120	20	57	*130	25	64
60	310.8	303.33	*100	20	43	*120	20	57	*130	25	64
62	321.4	313.43	*100	20	43	*120	20	57	*130	25	64
64	331.5	323.53	*100	20	43	*120	20	57	*130	25	67
65	336.5	328.58	*100	20	43	*120	20	57	*130	25	67
66	341.6	333.64	*100	20	43	*120	20	57	*130	25	67
68	351.7	343.74	*100	20	43	*120	20	57	*130	25	67
70	361.8	353.84	*100	20	43	*120	20	57	*130	25	67
72	371.9	363.96	*100	20	43	*120	20	57	*130	25	67
75	387.1	379.10	*100	20	43	*120	20	57	*130	25	67
76	392.1	384.15	*100	20	43	*120	20	57	*130	25	67
78	402.2	394.25	*100	20	43	*120	20	57	*130	25	67
80	412.3	404.36	*100	20	43	*130	20	57	*130	25	67
85	437.6	429.62	*100	20	50	*130	20	58	*130	25	67
90	462.8	454.88	*100	20	50	*130	20	58	*130	25	67
95	488.5	480.14	*100	20	50	*130	20	58	*130	25	67
100	513.4	505.41	*100	20	50	*130	20	58	*130	25	67
110	563.9	555.92	*100	20	50	*130	20	58	*130	25	67
114	584.1	576.13	*100	20	50	*130	20	58	*130	25	67
120	614.4	606.45	*100	20	50	*130	20	58	*130	25	67
125	639.7	631.51	*100	20	50	*130	20	58	*130	25	67



mm	
Tooth radius r _s	16
Radius width C	1.6
Tooth width B ₁	9.1
Tooth width b ₁	9
Tooth width B ₂	25.5
Tooth width B ₃	42.1
CHAIN	
mm	
Pitch	15.875
Internal width	9.65
Roller φ	10.16

10A-1-2-3

PLATEWHEELS 5/8" X3/8"

For chain Acc.to DIN 8187
ISO/R 606

Z	d _e	d _p	S	D	T
			D ₁	D ₂	D ₃
8	47.0	41.18	10	10	12
9	52.6	46.41	10	10	12
10	57.5	51.37	10	10	12
11	63.0	56.34	10	10	12
12	68.0	61.34	10	10	12
13	73.0	66.32	10	10	12
14	78.0	71.34	10	10	12
15	83.0	76.36	10	12	12
16	88.0	81.37	12	12	16
17	93.0	86.39	12	12	16
18	98.3	91.42	12	12	16
19	103.3	96.45	12	12	16
20	108.4	101.49	12	12	16
21	113.4	106.52	12	16	16
22	118.0	111.55	12	16	16
23	123.5	116.58	12	16	16
24	128.3	121.62	12	16	16
25	134.0	126.66	12	16	16
26	139.0	131.70	16	16	20
27	144.0	136.75	16	16	20
28	148.4	141.78	16	16	20
29	153.8	146.83	16	16	20
30	158.8	151.87	16	16	20
31	163.9	156.92	16	20	20
32	168.9	161.95	16	20	20
33	174.5	167.00	16	20	20
34	179.0	172.05	16	20	20
35	184.1	177.10	16	20	20
36	189.1	182.15	20	20	25
37	194.2	187.20	20	20	25
38	199.2	192.24	20	20	25
39	204.2	197.29	20	20	25
40	209.3	202.34	20	20	25
41	214.8	207.38	20	20	25
42	219.9	212.43	20	20	25
43	224.9	217.48	20	20	25
44	230.0	222.53	20	20	25
45	235.0	227.58	20	20	25
46	240.1	232.63	20	25	25
47	245.1	237.68	20	25	25
48	250.2	242.73	20	25	25
49	255.2	247.78	20	25	25
50	260.3	252.82	20	25	25
51	265.3	257.87	20	25	25
52	270.4	262.92	20	25	25
53	275.4	267.97	20	25	25
54	280.5	273.03	20	25	25
55	285.5	278.08	20	25	25
56	290.6	283.13	25	25	25
57	296.0	288.18	25	25	25
58	300.7	296.23	25	25	25
59	305.7	298.28	25	25	25
60	310.8	303.33	25	25	25
62	321.4	313.43	25	25	30
64	331.5	323.53	25	25	30
65	336.5	328.58	25	25	30
66	341.6	333.64	25	25	30
68	351.7	343.74	25	25	30
70	361.8	353.84	25	25	30
72	371.9	363.96	25	25	30
75	387.1	379.10	25	25	30
76	392.1	384.15	25	25	30
78	402.2	394.25	25	25	30
80	412.3	404.36	25	25	30
85	437.6	429.62	30	30	30
90	462.8	454.88	30	30	30
95	488.5	480.14	30	30	30
100	513.4	505.41	30	30	30
110	563.9	555.92	30	30	30
114	584.1	576.13	30	30	30
120	614.4	606.45	30	30	30
125	639.7	631.51	30	30	30

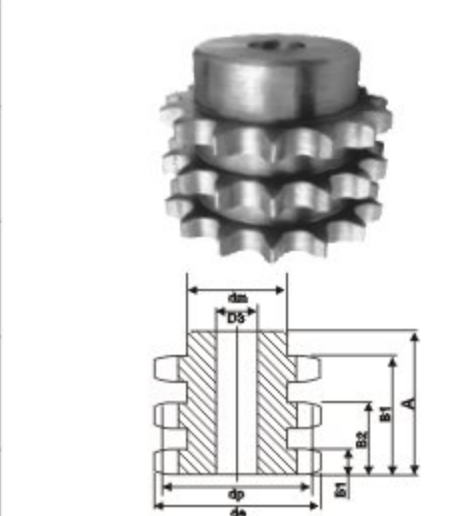
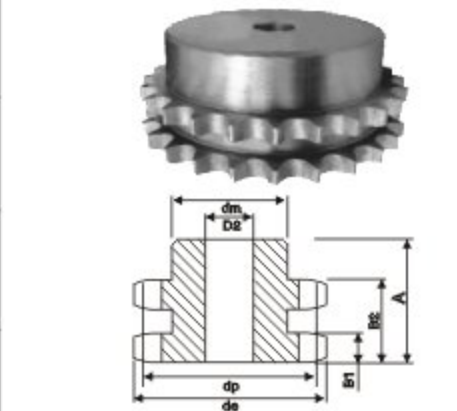
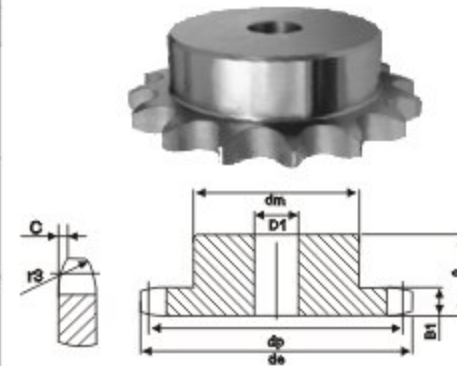


12B-1-2-3

SPROCKETS 3/4" X7/16"

For chain Acc.to DIN 8187
ISO/R 606

z	d _a	d _p	SIMPLEX			DUPLEX			TRIPLEX		
			d _m	d ₁	a	d _m	D ₂	a	d _m	D ₃	a
8	57.6	49.78	31	12	30	31	12	45	31	16	65
9	62.0	55.70	37	12	30	37	12	45	37	16	65
10	69.0	61.64	42	12	30	42	12	45	42	16	65
11	75.0	67.61	46	14	35	47	16	50	47	20	70
12	81.5	73.61	52	14	35	53	16	50	53	20	70
13	87.5	79.59	58	14	35	59	16	50	59	20	70
14	93.6	85.61	64	14	35	65	16	50	65	20	70
15	99.8	91.63	70	14	35	71	16	50	71	20	70
16	105.5	97.65	75	16	35	77	20	50	77	20	70
17	111.5	103.67	80	16	35	83	20	50	83	20	70
18	118.0	109.71	80	16	35	89	20	50	89	20	70
19	124.2	115.75	80	16	35	95	20	50	95	20	70
20	129.7	121.78	80	16	35	100	20	50	100	20	70
21	136.0	127.82	90	20	40	100	20	50	100	20	70
22	141.0	133.86	90	20	40	100	20	50	100	20	70
23	149.0	139.90	90	20	40	110	20	50	110	20	70
24	153.9	145.94	90	20	40	110	20	50	110	20	70
25	160.0	152.00	90	20	40	120	20	50	120	20	70
26	165.9	158.04	95	20	40	120	20	50	120	20	70
27	172.3	164.09	95	20	40	120	20	50	120	20	70
28	178.0	170.13	95	20	40	120	20	50	120	20	70
29	184.1	176.19	95	20	40	120	20	50	120	20	70
30	190.5	182.25	95	20	40	120	20	50	120	20	70
31	196.3	188.31	95	20	40	120	20	50	130	25	70
32	203.3	194.35	95	20	40	120	20	50	130	25	70
33	209.3	200.40	95	20	40	120	20	50	130	25	70
34	214.6	206.46	95	20	40	120	20	50	130	25	70
35	221.0	212.52	95	20	40	120	20	50	130	25	70
36	226.8	218.58	100	20	40	120	25	50	130	25	70
37	232.9	224.64	100	20	40	120	25	50	130	25	70
38	239.0	230.69	100	20	40	120	25	50	130	25	70
39	245.1	236.75	100	20	40	120	25	50	130	25	70
40	251.3	242.81	100	20	40	120	25	50	130	25	70
41	257.3	248.86	*100	20	56	*136	25	62	*140	25	70
42	264.5	254.92	*100	20	56	*136	25	62	*140	25	70
43	270.5	260.98	*100	20	56	*136	25	62	*140	25	70
44	276.5	267.03	*100	20	56	*136	25	62	*140	25	70
45	282.5	273.09	*100	20	56	*136	25	62	*140	25	70
46	287.9	279.15	*100	20	56	*136	25	62	*140	25	70
47	294.0	285.21	*100	20	56	*136	25	62	*140	25	70
48	300.1	291.27	*100	20	56	*136	25	62	*140	25	70
49	306.2	297.33	*100	20	56	*136	25	62	*140	25	70
50	312.3	303.39	*100	20	56	*136	25	62	*140	25	70
51	318.4	309.45	*100	20	56	*136	25	62	*140	25	70
52	324.5	315.51	*100	20	56	*136	25	62	*140	25	70
53	330.5	321.57	*100	20	56	*136	25	62	*140	25	70
54	336.6	327.63	*100	20	56	*136	25	62	*140	25	70
55	342.7	333.69	*100	20	56	*136	25	62	*140	25	70
56	348.7	339.75	*100	20	56	*136	25	62	*140	25	70
57	355.4	345.81	*100	20	56	*136	25	62	*140	25	70
58	361.5	351.87	*100	20	56	*136	25	62	*140	25	70
59	367.5	357.93	*100	20	56	*136	25	62	*140	25	70
60	373.0	363.99	*100	20	56	*136	25	62	*140	25	70
62	385.1	376.12	*100	20	56	*136	25	62	*140	25	70
64	397.2	388.24	*100	20	56	*140	25	63	*140	25	70
65	403.2	394.30	*100	20	56	*140	25	63	*140	25	70
66	409.3	400.36	*100	20	56	*140	25	63	*140	25	70
68	421.4	412.49	*100	20	56	*140	25	63	*140	25	70
70	433.6	424.61	*100	20	56	*140	25	63	*140	25	70
72	447.0	436.73	*100	20	56	*140	25	63	*140	25	70
75	463.9	454.92	*100	20	56	*140	25	63	*140	25	70
76	469.9	460.98	*100	20	56	*140	25	63	*140	25	70
78	482.1	473.10	*100	20	56	*140	25	63	*140	25	70
80	494.2	485.23	*100	20	56	*140	25	63	*140	25	70
85	524.5	515.54	*100	20	56	*140	25	63	*140	25	70
90	554.8	545.85	*100	20	56	*140	25	63	*140	25	70
95	585.1	576.17	*100	20	56	*140	25	63	*140	25	70
100	615.4	606.48	*100	20	56	*140	25	63	*140	25	70
110	676.1	667.11	*100	20	56	*140	25	63	*140	25	70
114	700.6	691.36	*100	20	56	*140	25	63	*140	25	70
120	736.7	727.74	*100	20	56	*140	25	63	*140	25	70
125	767.0	758.06	*100	20	56	*140	25	63	*140	25	70



SPROCKETS mm

Tooth radius r ₃	19
Radius width C	2
Tooth width B ₁	11.1
Tooth width b ₁	10.8
Tooth width B ₂	30.3
Tooth width B ₃	49.8

CHAIN mm

Pitch	19.05
Internal width	11.68
Roller φ	12.07

12A-1-2-3

PLATEWHEELS 3/4" X7/16"

For chain Acc.to DIN 8187
ISO/R 606

z	d _a	d _p	S	D	T
			D ₁	D ₂	D ₃
8	57.6	49.78	10	12	12
9	62.0	55.70	10	12	12
10	69.0	61.64	10	12	12
11	75.0	67.61	12	14	16
12	81.5	73.61	14	14	16
13	87.5	79.59	14	14	16
14	93.6	85.61	14	14	16
15	99.8	91.63	14	14	16
16	105.5	97.65	14	16	16
17	111.5	103.67	14	16	16
18	118.0	109.71	14	12	16
19	124.2	115.75	14	12	16
20	129.7	121.78	14	12	16
21	136.0	127.82	16	16	20
22	141.0	133.86	16	16	20
23	149.0	139.90	12	16	20
24	153.9	145.94	12	16	20
25	160.0	152.00	12	16	20
26	165.9	158.04	16	20	20
27	172.3	164.09	16	20	20
28	178.0	170.13	16	20	20
29	184.1	176.19	16	20	20
30	190.5	182.25	16	20	20
31	196.3	188.31	20	20	25
32	203.3	194.35	20	20	25
33	209.3	200.40	20	20	25
34	214.6	206.46	20	20	25
35	221.0	212.52	20	20	25
36	226.8	218.58	20	25	25
37	232.9	224.64	20	25	25
38	239.0	230.69	20	25	25
39	245.1	236.75	20	25	25
40	251.3	242.81	20	25	25
41	257.3	248.86	20	25	25
42	264.5	254.92	20	25	25
43	270.5	260.98	25	25	25
44	276.5	267.03	25	25	25
45	282.5	273.09	25	25	25
46	287.9	279.15	25	25	25
47	294.0	285.21	25	25	25
48	300.1	291.27	25	25	25
49	306.2	297.33	25	25	25
50	312.3	303.39	25	25	25
51	318.4	309.45	25	25	25
52	324.5	315.51	25	25	25
53	330.5	321.57	25	25	25
54	336.6	327.63	25	25	25
55	342.7	333.69	25	25	25
56	348.7	339.75	25	25	30
57	355.4	345.81	25	25	30
58	361.5	351.87	25	25	30
59	367.5	357.93	25	25	30
60	373.0	363.99	25	25	30
62	385.1	376.12	25	30	30
64	397.2	388.24	25	30	30
65	403.2	394.30	25	30	30
66	409.3	400.36	30	30	30
68	421.4	412.49	30	30	30
70	433.6	424.61	30	30	30
72	447.0	436.73	30	30	30
75	463.9	454.92	30	30	30
76	469.9	460.98	30	30	30
78	482.1	473.10	30	30	30
80	494.2	485.23	30	30	30
85	524.5	515.54	30	30	30
90	554.8	545.85	30	30	30
95	585.1	576.17	30	30	30
100	615.4	606.48	30	30	30
110	676.1	667.11	30	30	30
114	700.6	691.36	30	30	

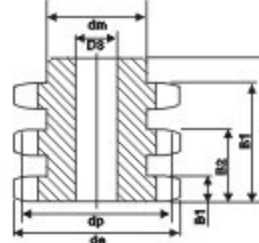
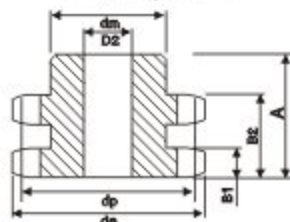
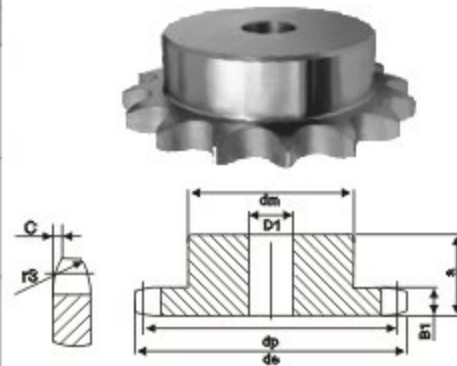


16B-1-2-3

SPROCKETS 1" X17.02mm"

For chain Acc.to DIN 8187
ISO/R 606

Z	d _e	d _p	SIMPLEX			DUPLEX			TRIPLEX		
			d _m	d ₁	a	d _m	D ₂	a	d _m	D ₃	a
8	77.0	66.37	42	16	35	42	16	65	42	20	95
9	85.0	74.27	50	16	35	50	16	65	50	20	95
10	93.0	82.19	55	16	35	56	16	65	56	20	95
11	101.5	90.14	61	16	40	64	20	70	64	25	100
12	109.0	98.14	69	16	40	72	20	70	72	25	100
13	117.0	106.12	78	16	40	80	20	70	80	25	100
14	125.0	114.15	84	16	40	88	20	70	88	25	100
15	133.0	122.17	92	16	40	96	20	70	96	25	100
16	141.0	130.20	100	20	40	104	20	70	104	25	100
17	149.0	138.22	100	20	40	112	20	70	112	25	100
18	157.0	146.28	100	20	45	120	20	70	120	25	100
19	165.2	154.33	100	20	45	128	20	70	128	25	100
20	173.2	162.38	100	20	45	130	20	70	130	25	100
21	181.2	170.43	110	20	50	130	25	70	*130	25	100
22	189.3	178.48	110	20	50	*130	25	70	*130	25	100
23	197.5	186.53	110	20	50	*130	25	70	*130	25	100
24	205.5	194.59	110	20	50	*130	25	70	*130	25	100
25	213.5	202.66	110	20	50	*130	25	70	*130	25	100
26	221.6	210.72	120	20	50	*130	25	70	*130	30	100
27	229.6	218.79	120	20	50	*130	25	70	*130	30	100
28	237.7	226.85	120	20	50	*130	25	70	*130	30	100
29	245.8	234.92	120	20	50	*130	25	70	*130	30	100
30	254.0	243.00	120	20	50	*130	25	70	*130	30	100
31	262.0	251.08	*120	25	50	*140	25	70	*140	30	100
32	270.0	259.13	*120	25	50	*140	25	70	*140	30	100
33	278.5	267.21	*120	25	50	*140	25	70	*140	30	100
34	287.0	275.28	*120	25	50	*140	25	70	*140	30	100
35	296.2	283.36	*120	25	50	*140	25	70	*140	30	100
36	304.6	291.44	*120	25	50	*140	25	70	*140	30	100
37	312.6	299.51	*120	25	50	*140	25	70	*140	30	100
38	320.7	307.59	*120	25	50	*140	25	70	*140	30	100
39	328.8	315.67	*120	25	50	*140	25	70	*140	30	100
40	336.9	323.75	*120	25	50	*140	25	70	*140	30	100
41	345.0	331.81	*125	25	68	*140	25	70	*140	30	100
42	353.0	339.89	*125	25	68	*140	25	70	*140	30	100
43	361.1	347.97	*125	25	68	*140	25	70	*140	30	100
44	369.1	356.05	*125	25	68	*140	25	70	*140	30	100
45	377.1	364.12	*125	25	68	*140	25	70	*140	30	100
46	385.2	372.20	*125	25	68	*140	25	70	*140	30	100
47	393.2	380.28	*125	25	68	*140	25	70	*140	30	100
48	401.3	388.36	*125	25	68	*140	25	70	*140	30	100
49	409.3	396.44	*125	25	68	*140	25	70	*140	30	100
50	417.1	404.52	*125	25	68	*140	25	70	*140	30	100
51	425.5	412.60	*125	25	68	*150	25	85	*140	30	110
52	433.6	420.68	*125	25	68	*150	25	85	*140	30	110
53	441.7	428.76	*125	25	68	*150	25	85	*140	30	110
54	449.3	436.84	*125	25	68	*150	25	85	*140	30	110
55	457.9	444.92	*125	25	68	*150	25	85	*140	30	110
56	466.0	453.01	*125	25	68	*150	25	85	*140	30	110
57	474.0	461.08	*125	25	68	*150	25	85	*140	30	110
58	482.1	469.16	*133	25	68	*150	25	85	*140	30	110
59	490.2	477.24	*133	25	68	*150	25	85	*140	30	110
60	498.3	485.32	*133	25	68	*150	25	85	*140	30	110
62	514.5	501.49	*133	25	68	*150	25	85	*140	30	110
64	530.7	517.65	*140	25	68	*160	25	90	*140	30	110
65	538.8	525.73	*140	25	68	*160	25	90	*140	30	110
66	546.8	533.80	*140	25	68	*160	25	90	*140	30	110
68	562.9	549.98	*140	25	68	*160	25	90	*140	30	110
70	579.2	566.15	*140	25	68	*160	25	90	*140	30	110
72	595.4	582.31	*140	25	68	*160	25	90	*140	30	110
75	619.7	606.56	*140	25	68	*160	25	90	*140	30	110
76	627.0	614.64	*140	25	68	*160	25	90	*140	30	110
78	643.3	630.81	*140	25	68	*160	25	90	*140	30	110
80	660.0	646.97	*140	25	68	*160	25	90	*140	30	110
85	699.9	687.39	*140	25	78	*160	25	90	*140	30	110
90	740.3	727.80	*140	25	78	*160	25	90	*140	30	110
95	781.1	768.22	*140	25	78	*160	25	90	*140	30	110
100	821.1	808.64	*140	25	78	*160	25	90	*140	30	110
110	902.0	889.48	*140	25	78	*160	25	90	*140	30	110
114	934.3	921.81	*140	25	78	*160	25	90	*140	30	110
120	982.8	970.32	*140	25	78	*160	25	90	*140	30	110
125	1023.3	1010.73	*140	25	78	*160	25	90	*140	30	110



SPROCKETS		mm
Tooth radius r _s		26
Radius width C		2.5
Tooth width B ₁		16.2
Tooth width b ₁		15.8
Tooth width B ₂		47.7
Tooth width B ₃		79.6
CHAIN		mm
Pitch		25.4
Internal width		17.02
Roller φ		15.88



16A-1-2-3

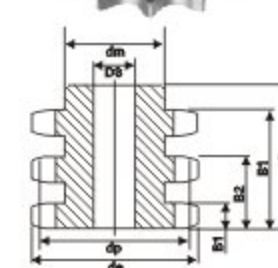
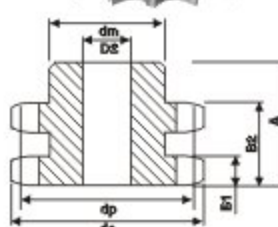
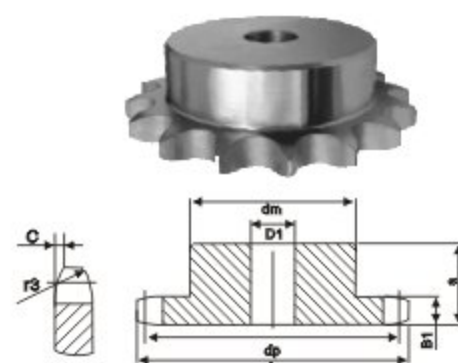
PLATEWHEELS 1" X17.02"

For chain Acc.to DIN 8187
ISO/R 606

z	d _e	d _p	S	D	T
			D ₁	D ₂	D ₃
8	77.0	66.37	12	16	16
9	85.0	74.27	12	16	16
10	93.0	82.19	12	16	16
11	101.5	90.14	16	20	20
12	109.0	98.14	16	20	20
13	117.0	106.12	16	20	20
14	125.0	114.15	16	20	20
15	133.0	122.17	16	20	20
16	141.0	130.20	20	20	25
17	149.0	138.22	20	20	25
18	157.0	146.28	20	20	25
19	165.2	154.33	20	20	25
20	173.2	162.38	20	20	25
21	181.2	170.43	20	25	25
22	189.3	178.48	20	25	25
23	197.5	186.53	20	25	25
24	205.5	194.59	20	25	25
25	213.5	202.66	20	25	25
26	221.6	210.72	20	25	30
27	229.6	218.79	20	25	30
28	237.7	226.85	20	25	30
29	245.8	234.92	20	25	30
30	254.0	243.00	20	25	30
31	262.0	251.08	25	25	30
32	270.0	259.13	25	25	30
33	278.5	267.21	25	25	30
34	287.0	275.28	25	25	30
35	296.2	283.36	25	25	30
36	304.6	291.44	25	25	30
37	312.6	299.51	25	25	30
38	320.7	307.59	25	25	30
39	328.8	315.67	25	25	30
40	336.9	323.75	25	25	30
41	345.0	331.81	25	25	30
42	353.0	339.89	25	25	30
43	361.1	347.97	25	25	30
44	369.1	356.05	25	25	30
45	377.1	364.12	25	25	30
46	385.2	372.20	25	25	30
47	393.2	380.28	25	25	30
48	401.3	388.36	25	25	30
49	409.3	396.44	25	25	30
50	417.1	404.52	25	25	30
51	425.5	412.60	30	30	40
52	433.6	420.68	30	30	40
53	441.7	428.76	30	30	40
54	449.3	436.84	30	30	40
55	457.9	444.92	30	30	40
56	466.0	453.01	30	30	40
57	474.0	461.08	30	30	40
58	482.1	469.16	30	30	40
59	490.2	477.24	30	30	40
60	498.3	485.23	30	30	40
62	514.5	501.49	30	30	40
64	530.7	517.65	30	30	40
65	538.8	525.73	30	30	40
66	546.8	533.80	30	30	40
68	562.9	549.98	30	30	40
70	579.2	566.15	30	30	40
72	595.4	582.31	30	30	40
75	619.7	606.56	30	30	40
76	627.0	614.64	30	30	40
78	643.3	630.81	30	30	40
80	660.0	646.97	30	30	40
85	699.9	687.39	30	30	40
90	740.3	727.80	30	30	40
95	781.1	768.22	30	30	40
100	821.1	808.64	30	30	40
110	902.0	889.48	30	30	40
114	934.3	921.81	30	40	40
120	982.8	970.32	30	40	40
125	1023.3	1010.73	30	40	40

20B-1-2-3**SPROCKETS 1" X1/4X3/4"**For chain Acc.to DIN 8187
ISO/R 606

z	d _e	d _p	SIMPLEX			DUPLEX			TRIPLEX		
			d _m	d ₁	a	d _m	D ₂	a	d _m	D ₃	a
8	98.1	82.96	53	20	40	53	20	75	53	20	110
9	108.0	92.84	63	20	40	63	20	75	63	20	110
10	117.9	102.74	70	20	40	70	20	75	70	20	110
11	127.8	112.68	77	20	45	80	20	80	80	20	115
12	137.8	122.68	88	20	45	90	20	80	90	20	115
13	147.8	132.65	98	20	45	100	20	80	100	20	115
14	157.8	142.68	108	20	45	110	20	80	110	20	115
15	167.9	152.72	118	20	45	120	20	80	120	20	115
16	177.9	162.75	120	20	50	120	25	80	120	25	115
17	187.9	172.78	120	25	50	120	25	80	120	25	115
18	198.0	182.85	120	25	50	*120	25	80	*120	25	115
19	208.1	192.91	120	25	50	*120	25	80	*120	25	115
20	218.1	202.98	120	25	50	*120	25	80	*120	25	115
21	228.2	213.04	140	25	55	*140	25	80	*140	25	115
22	238.3	223.11	140	25	55	*140	25	80	*140	25	115
23	248.3	233.17	140	25	55	*140	25	80	*140	25	115
24	258.4	243.23	140	25	55	*140	25	80	*140	25	115
25	268.5	253.33	140	25	55	*140	25	80	*140	25	115
26	278.6	263.40	*150	25	55	*150	25	80	*150	25	115
27	288.6	270.49	*150	25	55	*150	25	80	*150	25	115
28	298.7	283.56	*150	25	55	*150	25	80	*150	25	115
29	308.8	293.65	*150	25	55	*150	25	80	*150	25	115
30	318.9	303.75	*150	25	55	*150	25	80	*150	25	115
31	329.0	313.85	*150	25	55	*150	25	80	*150	30	115
32	339.1	323.91	*150	25	55	*150	25	80	*150	30	115
33	349.2	334.01	*150	25	55	*150	25	80	*150	30	115
34	359.3	344.10	*150	25	55	*150	25	80	*150	30	115
35	369.4	354.20	*150	25	55	*150	25	80	*150	30	115
36	379.5	364.30	*150	25	55	*150	30	80	*150	30	115
37	389.5	374.39	*150	25	55	*150	30	80	*150	30	115
38	399.6	384.49	*150	25	55	*150	30	80	*150	30	115
39	409.7	394.59	*150	25	55	*150	30	80	*150	30	115
40	419.8	404.69	*150	25	55	*150	30	80	*150	30	115
41	429.9	414.77	*150	25	70	*160	30	80	*160	30	110
42	440.0	424.86	*150	25	70	*160	30	80	*160	30	110
43	450.1	434.96	*150	25	70	*160	30	90	*160	30	110
44	460.2	445.06	*150	25	70	*160	30	90	*160	30	110
45	470.3	455.17	*150	25	70	*160	30	90	*160	30	110
46	480.4	465.25	*150	25	70	*160	30	90	*160	30	110
47	490.5	475.35	*150	25	70	*160	30	90	*160	30	110
48	500.6	485.45	*150	25	70	*160	30	90	*160	30	110
49	510.7	495.55	*150	25	70	*160	30	90	*160	30	110
50	520.8	505.65	*150	25	70	*160	30	90	*160	30	110
51	530.9	515.75	*150	25	80	*160	30	100	*160	30	123
52	541.0	525.85	*150	25	80	*160	30	100	*160	30	123
53	551.1	535.95	*150	25	80	*160	30	100	*160	30	123
54	561.2	546.05	*150	25	80	*160	30	100	*160	30	123
55	571.3	556.15	*150	25	80	*160	30	100	*160	30	123
56	581.4	566.25	*150	25	80	*160	30	100	*160	30	123
57	591.5	576.35	*150	25	80	*160	30	100	*160	30	123
58	601.6	586.45	*150	25	80	*160	30	100	*160	30	123
59	611.7	596.56	*150	25	80	*160	30	100	*160	30	123
60	621.8	606.66	*150	25	80	*160	30	100	*160	30	123
62	642.0	626.86	*150	25	80	*160	30	100	*160	30	123
64	662.2	647.07	*150	25	80	*160	30	100	*160	30	123
65	672.3	657.17	*150	25	80	*160	30	100	*160	30	123
66	682.4	667.27	*150	25	80	*160	30	100	*160	30	123
68	702.6	687.48	*150	25	80	*160	30	100	*160	30	123
70	722.8	707.68	*150	25	80	*160	30	100	*160	30	123
72	743.1	727.89	*150	25	80	*160	30	100	*160	30	123
75	773.3	758.20	*150	25	80	*160	30	100	*160	30	123
76	783.3	768.32	*150	25	80	*160	30	100	*160	30	123
80	823.9	808.71	*150	25	80	*160	30	100	*160	30	123
85	874.4	859.23	*150	25	80	*160	30	100	*160	30	123
90	924.9	909.76	*150	25	80	*160	30	100	*160	30	123
95	975.2	960.28	*150	25	90	*160	30	100	*160	30	123
100	1026.0	1010.80	*150	25	90	*160	30	100	*160	30	123
114	1167.4	1152.26	*150	25	90	*160	30	100	*160	30	126

**SPROCKETS mm**

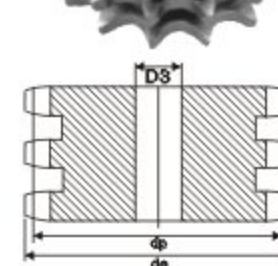
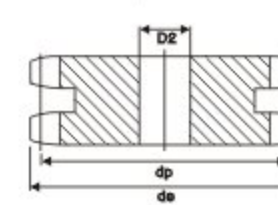
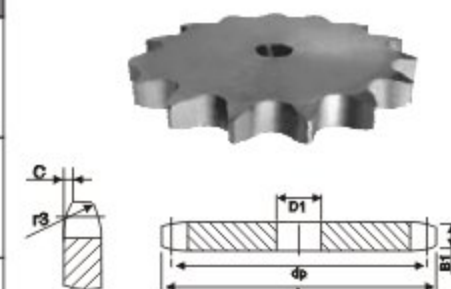
Tooth radius r _t	32
Radius width C	3.5
Tooth width B ₁	18.5
Tooth width b ₁	18.2
Tooth width B ₂	54.6
Tooth width b ₂	91

CHAIN mm

Pitch	31.75
Internal width	19.56
Roller φ	19.05

20A-1-2-3**PLATEWHEELS 1" 1/4X3/4"**For chain Acc.to DIN 8187
ISO/R 606

z	d _e	d _p	S	D	T
			D ₁	D ₂	D ₃
8	98.1	82.96	16	20	20
9	108.0	92.84	16	20	20
10	117.9	102.74	16	20	20
11	127.8	112.68	16	20	20
12	137.8	122.68	20	20	20
13	147.8	132.65	20	20	20
14	157.8	142.68	20	20	20
15	167.9	152.72	20	20	20
16	177.9	162.75	20	25	25
17	187.9	172.78	20	25	25
18	198.0	182.85	20	25	25
19	208.1	192.91	20	25	25
20	218.1	202.98	20	25	25
21	228.2	213.04	25	25	25
22	238.3	223.11	25	25	25
23	248.3	233.17	25	25	25
24	258.4	243.23	25	25	25
25	268.5	253.33	25	25	25
26	278.6	263.40	25	25	25
27	288.6	270.49	25	25	25
28	298.7	283.56	25	25	25
29	308.8	293.65	25	25	25
30	318.9	303.75	25	25	25
31	329.0	313.85	25	25	30
32	339.1	323.91	25	25	30
33	349.2	334.01	25	25	30
34	359.3	344.10	25	25	30
35	369.4	354.20	25	25	30
36	379.5	364.30	25	30	30
37	389.5	374.39	25	30	30
38	399.6	384.49	25	30	30
39	409.7	394.59	25	30	30
40	419.8	404.69	25	30	30
41	429.9	414.77	30	30	30
42	440.0	424.86	30	30	40
43	450.1	434.96	30	30	40
44	460.2	445.06	30	30	40
45	470.3	455.17	30	30	40
46	480.4	465.25	30	30	40
47	490.5	475.35	30	30	40
48	500.6	485.45	30	30	40
49	510.7	495.55	30	30	40
50	520.8	505.65	30	30	40
51	530.9	515.75	30	30	40
52	541.0	525.85	30	30	40
53	551.1	535.95	30	30	40
54	561.2	546.05	30	30	40
55	571.3	556.15	30	30	40
56	581.4	566.25	30	30	40
57	591.5	576.35	30	30	40
58	601.6	586.45	30	30	40
59	611.7	596.56	30	30	40
60	621.8	606.66	30	30	40
62	642.0	626.86	30	30	40
64	662.2	647.07	30	30	40
65	672.3	657.17	30	30	40
66	682.4	667.27	30	30	40
68	702.6	687.48	30	30	40
70	722.8	707.68	30	30	40
72	743.1	727.89	30	30	40
75	773.3	758.20	30	30	40
76	783.3	768.32	30	30	40
80	823.9	808.71	30	30	40
85	874.4	859.23	30	30	40
90	924.9	909.76	30	30	40
95	975.2	960.28	30	30	40
100	1026.0	1010.80	30	30	40
114	1167.4	1152.26	30	30	40



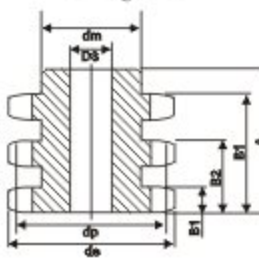
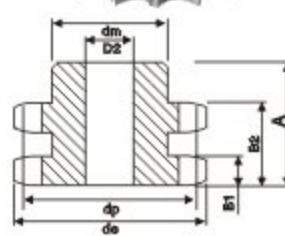
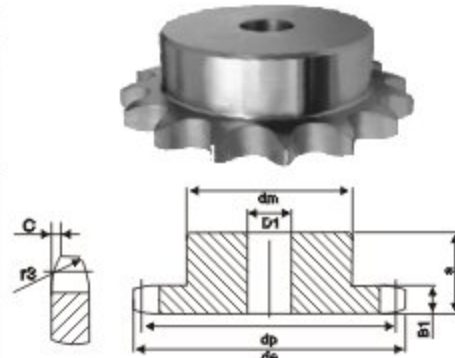


24B-1-2-3

SPROCKETS 1" 1/2X1"

For chain Acc.to DIN 8187
ISO/R 606

z	d _e	d _p	SIMPLEX			DUPLEX			TRIPLEX		
			d _m	d ₁	a	d _m	D ₂	a	d _m	D ₃	a
8	115.0	99.55	58	20	45	58	25	95	58	25	140
9	128.4	111.40	70	20	45	70	25	95	70	25	140
10	138.0	123.29	80	20	45	80	25	95	80	25	140
11	150.0	135.21	90	25	50	90	25	100	90	25	150
12	162.0	147.22	102	25	50	102	25	100	102	25	150
13	147.2	159.18	114	25	50	114	25	100	114	25	150
14	166.2	171.22	128	25	50	128	25	100	128	25	150
15	198.2	183.26	132	25	50	132	25	100	132	25	150
16	210.3	195.30	*136	25	55	*136	25	100	*136	25	150
17	222.3	207.34	*136	25	55	*136	25	100	*136	25	150
18	234.3	219.42	*136	25	55	*150	25	100	*150	25	150
19	246.5	231.49	*136	25	55	*160	25	100	*160	25	150
20	258.6	243.57	*136	25	55	*160	25	100	*160	25	150
21	270.6	255.65	*150	25	60	*160	25	100	*160	30	150
22	282.7	267.73	*150	25	60	*160	25	100	*160	30	150
23	294.8	279.80	*150	25	60	*160	25	100	*160	30	150
24	306.8	291.88	*150	25	60	*160	25	100	*160	30	150
25	319.0	304.00	*150	25	60	*160	25	100	*160	30	150
26	331.0	316.08	*150	30	60	*160	30	100	*160	30	150
27	343.2	328.19	*150	30	60	*160	30	100	*160	30	150
28	355.2	340.27	*150	30	60	*160	30	100	*160	30	150
29	367.3	352.38	*150	30	60	*160	30	100	*160	30	150
30	379.5	364.50	*150	30	60	*160	30	100	*160	40	150
31	391.6	376.62	*150	30	60	*160	30	100	*160	40	150
32	403.7	388.69	*150	30	60	*160	30	100	*160	40	150
33	415.8	400.81	*150	30	60	*160	30	100	*160	40	150
34	427.8	412.93	*150	30	60	*160	30	100	*160	40	150
35	440.0	425.04	*150	30	60	*160	30	100	*160	40	150
36	452.0	437.16	*150	30	60	*160	30	100	*160	40	150
37	464.2	449.27	*150	30	60	*160	30	100	*160	40	150
38	476.2	461.39	*150	30	60	*160	30	100	*160	40	150
39	488.5	473.50	*150	30	60	*160	30	100	*160	40	150
40	500.6	485.62	*150	30	60	*160	30	100	*160	40	150
41	512.6	497.72	*160	30	90	*180	30	100	*200	40	150
42	524.7	509.83	*160	30	90	*180	30	100	*200	40	150
43	536.8	521.95	*160	30	90	*180	30	100	*200	40	150
44	549.0	534.07	*160	30	90	*180	30	100	*200	40	150
45	561.2	546.19	*160	30	90	*180	30	100	*200	40	150
46	573.3	558.30	*160	30	90	*180	30	100	*200	40	150
47	585.4	570.42	*160	30	90	*180	30	100	*200	40	150
48	597.4	582.54	*160	30	90	*180	30	100	*200	40	150
49	609.5	594.66	*160	30	90	*180	30	100	*200	40	150
50	621.7	606.78	*160	30	90	*180	30	100	*200	40	150
51	633.8	618.90	*160	30	100	*180	30	110	*200	40	150
52	646.0	631.01	*160	30	100	*180	30	110	*200	40	150
53	658.0	643.13	*160	30	100	*180	30	110	*200	40	150
54	670.2	655.28	*160	30	100	*180	30	110	*200	40	150
55	682.3	667.40	*160	30	100	*180	30	110	*200	40	150
56	694.4	679.51	*160	30	100	*180	30	110	*200	40	150
57	706.5	691.63	*160	30	100	*180	30	110	*200	40	150
58	718.6	703.74	*160	30	100	*180	30	110	*200	40	150
59	730.7	715.86	*160	30	100	*180	30	110	*200	40	150
60	742.8	727.97	*160	30	100	*180	30	110	*200	40	150
62	767.2	752.24	*160	30	100	*180	30	110	*200	40	150
64	791.3	776.48	*160	30	100	*200	30	110	*220	40	150
65	803.4	788.59	*160	30	100	*200	30	110	*220	40	150
66	815.6	800.71	*160	30	100	*200	30	120	*220	40	150
68	839.8	824.98	*160	30	100	*200	30	120	*220	40	150
70	864.2	849.21	*160	30	100	*200	30	120	*220	40	150
72	888.4	873.48	*160	30	100	*200	30	120	*220	40	150
75	924.8	909.83	*160	30	100	*200	30	120	*220	40	150
76	936.9	921.98	*160	30	100	*200	30	120	*220	40	150
80	985.4	970.44	*160	30	100	*200	30	120	*220	40	150
85	1046.0	1031.10	*160	30	100	*200	30	120	*220	40	150
90	1167.3	1152.33	*160	30	100	*200	30	120	*220	40	150



SPROCKETS mm

Tooth radius r ₃	38
Radius width C	4
Tooth width B ₁	24.1
Tooth width b ₁	23.6
Tooth width B ₂	72
Tooth width B ₃	120.3

CHAIN mm

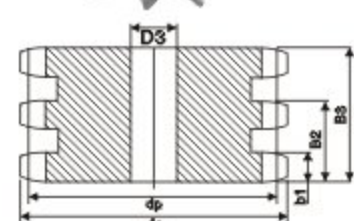
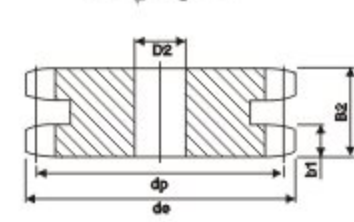
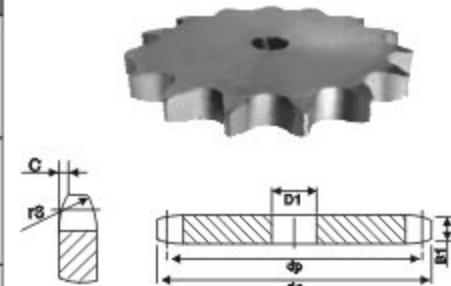
Pitch	38.1
Internal width	25.4
Roller φ	25.4

24A-1-2-3

PLATEWHEELS 1" 1/2X1"

For chain Acc.to DIN 8187
ISO/R 606

z	d _e	d _p	S	D	T
			D ₁	D ₂	D ₃
8	115.0	99.55	20	25	25
9	126.4	111.40	20	25	25
10	138.0	123.29	20	25	25
11	150.0	135.21	20	25	25
12	162.0	147.22	20	25	25
13	147.2	159.18	20	25	25
14	166.2	171.22	20	25	25
15	198.2	183.26	20	25	25
16	210.3	195.30	25	25	25
17	222.3	207.34	25	25	25
18	234.3	219.42	25	25	25
19	246.5	231.49	25	25	25
20	258.6	243.57	25	25	25
21	270.6	255.65	25	25	30
22	282.7	267.73	25	25	30
23	294.8	279.80	25	25	30
24	306.8	291.88	25	25	30
25	319.0	304.00	25	25	30
26	331.0	316.08	30	30	30
27	343.2	328.19	30	30	30
28	355.2	340.27	30	30	30
29	367.3	352.38	30	30	30
30	379.5	364.50	30	30	40
31	391.6	376.62	30	30	40
32	403.7	388.69	30	30	40
33	415.8	400.81	30	30	40
34	427.8	412.93	30	30	40
35	440.0	425.04	30	30	40
36	452.0	437.16	30	30	40
37	464.2	449.27	30	30	40
38	476.2	461.39	30	30	40
39	488.5	473.50	30	30	40
40	500.6	485.62	30	30	40
41	512.6	497.72	30	40	40
42	524.7	509.83	30	40	40
43	536.8	521.95	30	40	40
44	549.0	534.07	30	40	40
45	561.2	546.19	30	40	40
46	573.3	558.30	30	40	40
47	585.4	570.42	30	40	40
48	597.4	582.54	30	40	40
49	609.5	594.66	30	40	40
50	621.7	606.78	30	40	40
51	633.8	618.90	30	40	40
52	646.0	631.01	30	40	40
53	658.0	643.13	30	40	40
54	670.2	655.28	30	40	40
55	682.3	667.40	30	40	40
56	694.4	679.51	30	40	40
57	706.5	691.63	30	40	40
58	718.6	703.74	30	40	40
59	730.7	715.86	30	40	40
60	742.8	727.97	30	40	40
62	767.2	752.24	40	40	40
64	791.3	776.48	40	40	40
65	803.4	788.59	40	40	40
66	815.6	800.71	40	40	40
68	839.8	824.98	40	40	40
70	864.2	849.21	40	40	40
72	888.4	873.48	40	40	40
75	924.8	909.83	40	40	40
76	936.9	921.98	40	40	40
80	985.4	970.44	40	40	40
85	1046.0	1031.10	40	40	40
95	1167.3	1152.33	40	40	40



PLATEWHEELS mm

Tooth radius r ₃	38
Radius width C	4
Tooth width B ₁	24.1
Tooth width b ₁	23.6
Tooth width B ₂	72
Tooth width B ₃	120.3

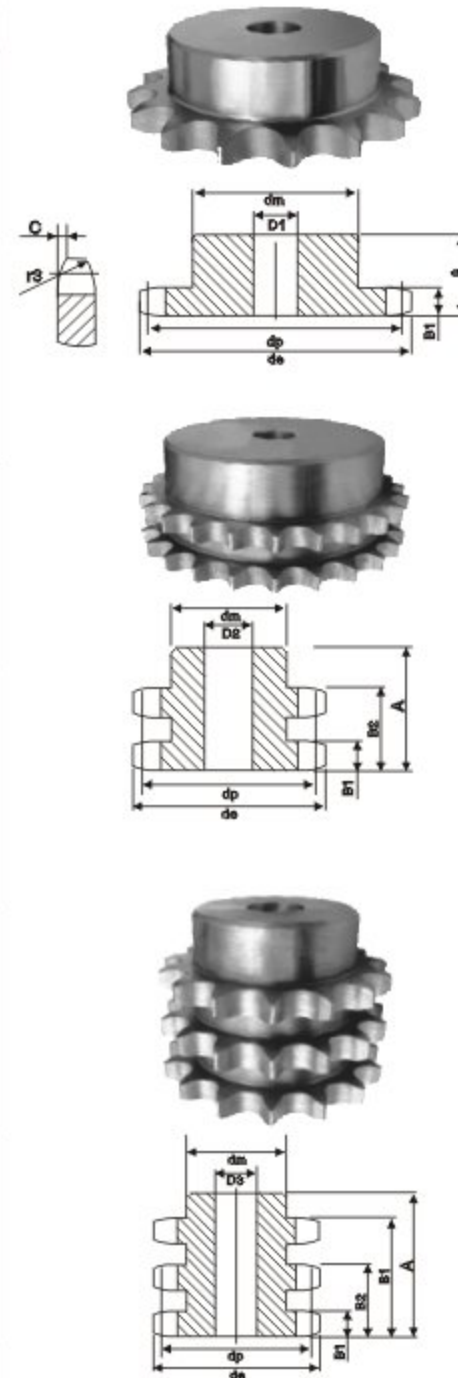


24B-1-2-3

SPROCKETS 1" 3/4X1" 1/4

For chain Acc.to DIN 8187
ISO/R 606

Z	d _a	d _p	SIMPLEX			DUPLEX			TRIPLEX		
			d _m	d ₁	a	d _m	D ₂	a	d _m	D ₃	a
8	132.0	116.15	74	25	70	74	25	120	74	30	180
9	148.4	129.96	88	25	70	88	25	120	88	30	180
10	162.3	143.85	100	25	70	100	25	120	100	30	180
11	176.3	157.77	112	25	70	112	25	120	112	30	180
12	189.5	171.74	125	25	70	125	25	120	125	30	180
13	204.2	185.75	*125	25	70	*125	25	120	*125	30	180
14	218.2	199.76	*125	25	70	*125	25	120	*125	30	180
15	232.3	213.79	*125	25	70	*145	25	120	*145	30	180
16	246.3	227.84	*160	30	75	*160	30	120	*160	30	180
17	260.3	241.91	*160	30	75	*160	30	120	*160	30	180
18	274.0	255.98	*160	30	75	*160	30	120	*160	30	180
19	289.0	270.06	*160	30	75	*160	30	120	*160	30	180
20	303.0	284.15	*160	30	75	*160	30	120	*160	30	180
21	317.0	298.24	*160	30	75	*160	30	120	*160	30	180
22	331.0	312.34	*160	30	75	*160	30	120	*160	30	180
23	345.0	326.44	*160	30	75	*160	30	120	*160	30	180
24	359.0	340.55	*160	30	75	*160	30	120	*160	30	180
25	373.0	354.66	*160	30	75	*160	30	120	*160	40	180
26	387.0	368.77	*160	30	75	*160	30	120	*160	40	180
27	401.4	382.88	*160	30	75	*160	30	120	*160	40	180
28	416.0	397.00	*160	30	75	*160	30	120	*160	40	180
29	430.0	411.12	*160	30	75	*160	30	120	*160	40	180
30	444.0	425.24	*160	30	75	*160	30	120	*160	40	180
31	458.0	439.37	*160	30	75	*160	30	120	*160	40	180
32	472.0	453.49	*160	30	75	*160	30	120	*160	40	180
33	486.0	467.62	*160	30	75	*160	30	120	*160	40	180
34	500.0	481.75	*160	30	75	*160	30	120	*160	40	180
35	514.0	495.88	*160	30	75	*200	30	120	*200	40	180
36	529.0	510.01	*160	30	75	*200	30	120	*160	40	180
37	543.0	524.14	*160	30	75	*200	30	120	*160	40	180
38	557.0	538.27	*160	30	75	*200	30	120	*200	40	180
39	571.0	552.40	*160	30	75	*200	30	120	*200	40	180
40	585.0	566.54	*160	30	75	*200	30	120	*200	40	180
45	656.0	637.22	*160	30	90	*200	30	120	*200	40	180
50	726.0	707.91	*160	30	90	*200	30	120	*200	40	180
57	825.0	806.89	*160	30	100	*200	30	120	*200	40	180
60	869.0	849.32	*160	30	100	*200	30	120	*200	40	180
76	1095.0	1075.60	*160	30	100	*200	30	120	*200	40	180



SPROCKETS mm

Tooth radius r _s	44
Radius width C	5
Tooth width B ₁	29.4
Tooth width b ₁	28.8
Tooth width B ₂	38.4
Tooth width B ₃	148

CHAIN mm

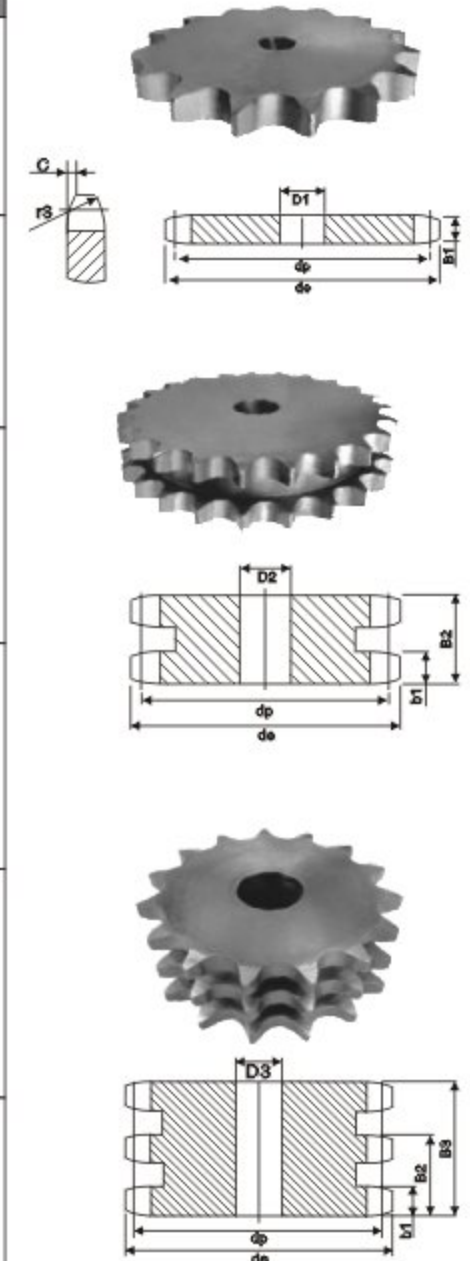
Pitch	44.45
Internal width	30.99
Roller φ	27.94

28A-1-2-3

PLATEWHEELS 1" 3/4X1" 1/4

For chain Acc.to DIN 8187
ISO/R 606

Z	d _a	d _p	S	D	T
			D ₁	D ₂	D ₃
8	132.0	116.15	20	25	25
9	148.4	129.96	20	25	25
10	162.3	143.85	20	25	25
11	176.3	157.77	25	25	30
12	189.5	171.74	25	25	30
13	204.2	185.75	25	25	30
14	218.2	199.76	25	25	30
15	232.3	213.79	25	25	30
16	246.3	227.84	30	30	30
17	260.3	241.91	30	30	30
18	274.0	255.98	30	30	30
19	289.0	270.06	30	30	30
20	303.0	284.15	30	30	30
21	317.0	298.24	30	30	30
22	331.0	312.34	30	30	30
23	345.0	326.44	30	30	30
24	359.0	340.55	30	30	30
25	373.0	354.66	30	30	40
26	387.0	368.77	30	30	40
27	401.4	382.88	30	30	40
28	416.0	397.00	30	30	40
29	430.0	411.12	30	30	40
30	444.0	425.24	30	30	40
31	458.0	439.37	30	30	40
32	472.0	453.49	30	30	40
33	486.0	467.62	30	30	40
34	500.0	481.75	30	30	40
35	514.0	495.88	30	30	40
36	529.0	510.01	30	30	40
37	543.0	524.14	30	30	40
38	557.0	538.27	30	30	40
39	571.0	552.40	30	30	40
40	585.0	566.54	30	30	40
45	656.0	637.22	30	30	40
50	726.0	707.91	30	30	40
57	825.0	806.89	40	40	40
60	869.0	849.32	40	40	40
76	1095.0	1075.60	40	40	40



PLATEWHEELS mm

Tooth radius r _s	44
Radius width C	5
Tooth width B ₁	29.4
Tooth width b ₁	28.8
Tooth width B ₂	38.4
Tooth width B ₃	148

CHAIN mm

Pitch	44.45
Internal width	30.99
Roller φ	27.94

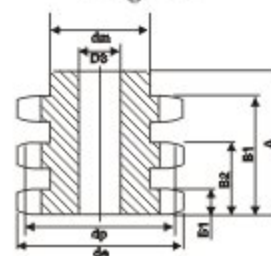
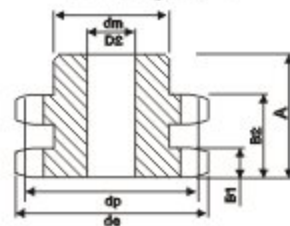
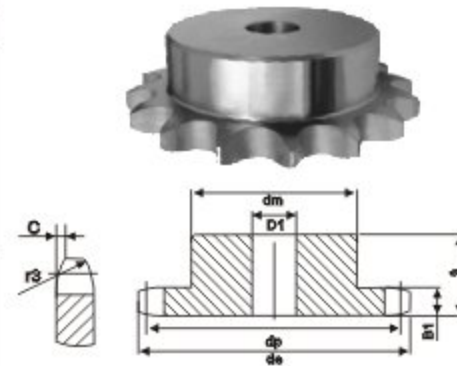


32B-1-2-3

SPROCKETS 2" X1" 1/4

For chain Acc.to DIN 8187
ISO/R 606

z	d _s	d _p	SIMPLEX			DUPLEX			TRIPLEX		
			d _m	D ₁	a	d _m	D ₂	a	d _m	D ₃	a
8	153.2	132.69	82	25	80	82	30	120	82	30	180
9	169.0	148.54	88	25	80	88	30	120	88	30	180
10	185.0	164.54	104	25	80	104	30	120	104	30	180
11	200.8	180.34	120	30	80	120	30	120	120	30	180
12	216.8	196.29	133	30	80	*133	30	120	*133	30	180
13	232.8	212.29	*145	25	80	*145	30	120	*145	30	180
14	248.8	228.29	*145	25	80	*145	30	120	*145	30	180
15	264.8	244.30	*145	25	80	*160	30	120	*160	30	180
16	280.9	260.40	*160	30	80	*160	30	120	*160	30	180
17	296.9	276.40	*160	30	80	*180	30	120	*180	30	180
18	313.0	292.55	*160	30	90	*180	30	120	*180	30	180
19	329.1	308.66	*160	30	90	*200	30	120	*200	30	180
20	345.2	324.71	*180	30	90	*200	30	120	*200	30	180
21	361.3	340.82	*180	30	90	*200	30	120	*200	40	180
22	377.5	356.98	*180	30	90	*200	30	120	*200	40	180
23	393.6	373.08	*180	30	90	*200	30	120	*200	40	180
24	409.7	389.18	*180	30	90	*200	30	120	*200	40	180
25	425.8	405.33	*180	30	90	*200	30	120	*200	40	180
26	441.9	421.44	*180	30	90	*200	30	120	*200	40	180
27	458.1	437.59	*180	30	90	*200	30	120	*200	40	180
28	474.2	453.69	*180	30	90	*200	30	120	*200	40	180
29	490.4	469.90	*180	30	90	*200	30	120	*200	40	180
30	506.5	486.00	*180	30	90	*200	30	120	*200	40	180
31	538.8	518.26	*180	30	90	*200	30	120	*200	40	180
35	589.5	566.72	*180	30	90	*200	30	120	*200	40	180
38	635.5	615.14	*180	30	90	*200	30	120	*200	40	180
40	670.3	647.49	*180	30	90	*200	30	120	*200	40	180
45	751.0	728.25	*180	30	100	*200	30	120	*200	40	180
50	831.8	809.04	*180	30	100	*200	30	120	*200	40	180
57	945.0	922.16	*180	30	100	*200	30	120	*200	40	180
60	993.4	970.65	*200	30	110	*200	30	130	*200	40	180
76	1252.0	1229.30	*200	30	110	*200	30	130	*238	40	180



SPROCKETS mm

Tooth radius r _s	51
Radius width C	5
Tooth width B ₁	29.4
Tooth width b ₁	28.8
Tooth width B ₂	87.4
Tooth width B ₃	146

CHAIN mm

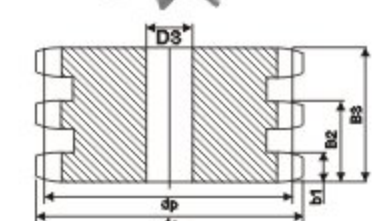
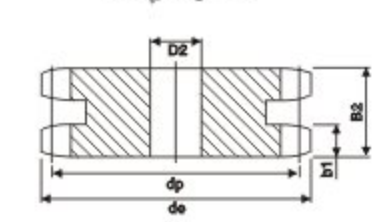
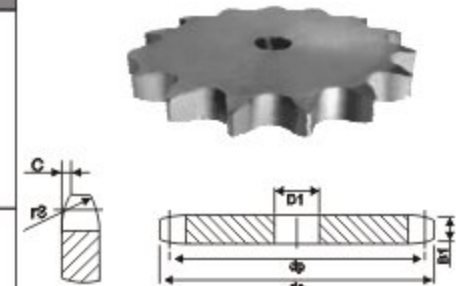
Pitch	50.8
Internal width	30.99
Roller φ	29.21

32A-1-2-3

PLATEWHEELS 2" X1" 1/4

For chain Acc.to DIN 8187
ISO/R 606

z	d _s	d _p	S	D	T
			D ₁	D ₂	D ₃
8	153.2	132.69	25	25	25
9	169.0	148.54	25	25	25
10	185.0	164.54	25	25	25
11	200.8	180.34	30	30	30
12	216.8	196.29	30	30	30
13	232.8	212.29	30	30	30
14	248.8	228.29	30	30	30
15	264.8	244.30	30	30	30
16	280.9	260.40	30	30	30
17	296.9	276.40	30	30	30
18	313.0	292.55	30	30	30
19	329.1	308.66	30	30	30
20	345.2	324.71	30	30	30
21	361.3	340.82	30	30	40
22	377.5	356.98	30	30	40
23	393.6	373.08	30	30	40
24	409.7	389.18	30	30	40
25	425.8	405.33	30	30	40
26	441.9	421.44	30	30	40
27	458.1	437.59	30	30	40
28	474.2	453.69	30	30	40
29	490.4	469.90	30	30	40
30	506.5	486.00	30	30	40
31	538.8	518.26	30	30	40
35	589.5	566.72	30	30	40
38	635.5	615.14	30	30	40
40	670.3	647.49	40	40	40
45	751.0	728.25	40	40	40
50	831.8	809.04	40	40	40
57	945.0	922.16	40	40	40
60	993.4	970.65	40	40	40
76	1252.0	1229.30	40	40	40



PLATEWHEELS mm

Tooth radius r _s	51
Radius width C	5
Tooth width B ₁	29.4
Tooth width b ₁	28.8
Tooth width B ₂	87.4
Tooth width B ₃	146

CHAIN mm

Pitch	50.8
Internal width	30.99
Roller φ	29.21



SPROCKETS			SIMPLEX			DUPLEX		
z	d _a	d _p	d _m	D ₂	a	d _m	D ₃	a
10	35.70	30.82	20	8	20			
11	38.69	33.80	22	8	25			
12	41.68	36.80	25	8	25			
13	44.68	39.80	28	8	25	28	10	25
14	47.68	42.80	31	8	25	31	10	25
15	50.69	45.81	34	8	20	34	12	25
16	53.70	48.82	37	10	28	37	12	30
17	56.72	51.83	38	10	28	40	12	30
18	59.73	54.85	38	10	28	43	12	30
19	62.76	57.87	45	10	28	46	12	30
20	65.77	60.89	46	10	28	49	12	30
21	68.79	63.91	46	10	28	52	12	30
22	71.81	66.93	50	12	28	55	12	30
23	74.83	69.96	52	12	28	58	12	30
24	77.85	72.97	52	12	28	61	12	30
25	80.88	76.00	57	12	28	64	12	30
26	83.90	79.02	58	12	28	67	12	30
27	86.93	82.04	58	12	28	70	12	30
28	89.96	85.07	60	12	28	73	12	30
30	96.00	91.12	60	12	28			
PLATEWHEELS			S	D	T			
z	d _a	d _p	D ₁	D ₂	D ₃			
30	98.00	91.12	12	12				
32	102.06	97.17	12					
36	114.17	109.29	12	14				
38	120.22	115.34	12					
40	126.28	121.40	12					
45	141.43	136.55	16	16				
48	150.52	145.64	16					
57	177.79	172.91	16	16				
76	236.37	230.49	20	20				

SPROCKETS			SIMPLEX			DUPLEX			TRIPLEX		
z	d _a	d _p	d _m	D ₁	a	d _m	D ₂	a	d _m	D ₃	a
10	47.68	41.10	26	10	25						
11	51.64	45.08	29	10	25						
12	55.63	49.07	33	10	28						
13	59.63	53.07	35	10	28	38	12	35	35	14	50
14	63.63	57.07	41	10	28	42	12	35	42	14	50
15	67.64	61.08	45	10	28	46	12	35	46	14	50
16	71.66	65.10	48	10	28	50	14	35	50	16	50
17	75.68	69.12	48	10	28	54	14	35	54	16	50
18	79.70	73.14	56	12	28	58	14	35	58	16	50
19	83.72	77.16	60	12	28	62	14	35	62	16	50
20	87.74	81.18	60	10	28	66	14	35	66	16	50
21	91.77	85.21	65	10	28	70	16	40	70	20	55
22	95.80	89.24	65	10	28	70	16	40	70	20	55
23	99.83	93.27	65	12	28	70	16	40	70	20	55
24	103.86	97.30	70	14	28	75	16	40	75	20	55
25	107.89	101.33	70	14	28	80	16	40	80	20	55
26	111.92	105.36	70	14	28	85	16	40	85	20	55
27	115.96	109.40	70	16	28	85	16	40	85	20	55
28	119.99	113.43	70	16	30	90	16	40	90	20	55
30	128.06	121.50	80	16	30	100	16	40			
32	136.13	129.57	80	16	30						
35	148.24	141.68	90	16	30						
36	152.28	145.72	90	16	30						
38	160.35	153.79	90	16	35						
40	168.43	161.87	90	16	35						
PLATEWHEELS			S	D	T						
z	d _a	d _p	D ₁	D ₂	D ₃						
30	128.06	121.50			20						
32	136.13	129.57		16							
38	160.35	153.79		20	25						
40	168.43	161.87		20							
42	176.50	169.94	20								
45	188.62	182.06	20	20	20						
48	200.74	194.18	20								
57	237.10	230.54	20	25	25						
76	313.88	307.32	20	25	25						
95	390.67	384.11		25	25						

PITCH 3/8" X3/16 ASA 35

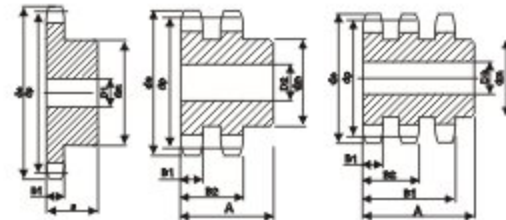
For chain
Acc.to DIN 8188
ISO/R 606

SPROCKETS & PLATEWHEELS mm

Tooth radius r_t 10
Radius width C 1.2
Tooth width B₁ 4.4
Tooth width b₁ 4.3
Tooth width B₂ 14.4

CHAIN mm

Pitch 9.525
Internal width 4.77
Roller φ 5.08
Material: C45



PITCH 1/2" X5/16 ASA 40

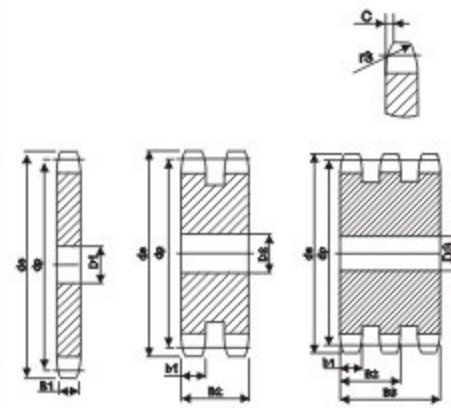
For chain
Acc.to DIN 8188
ISO/R 606

SPROCKETS & PLATEWHEELS mm

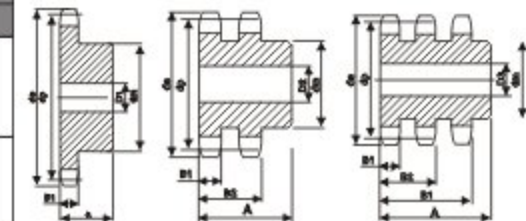
Tooth radius r_t 13.5
Radius width C 1.6
Tooth width B₁ 7.4
Tooth width b₁ 7.2
Tooth width B₂ 21.6
Tooth width B₃ 36

CHAIN mm

Pitch 12.9
Internal width 7.94
Roller φ 7.94



SPROCKETS			SIMPLEX			DUPLEX			TRIPLEX		
z	d _a	d _p	d _m	D ₁	a	d _m	D ₂	a	d _m	D ₃	a
8	47.0	41.48	25	10	25						
9	52.6	46.42	30	10	25						
10	57.5	51.37	35	10	25						
11	63.0	56.34	37	12	30						
12	68.0	61.36	42	12	30				44	16	55
13	73.0	66.32	47	12	30	49	14	40	49	16	55
14	78.0	71.34	52	12	30	54	14	40	54	16	55
15	83.0	76.36	57	12	30	59	14	40	59	16	55
16	88.0	81.37	60	12	30	64	16	45	64	16	60
17	93.0	86.39	60	12	30	69	16	45	69	16	60
18	98.3	91.42	70	14	30	74	16	45	74	16	60
19	103.3	96.45	70	14	30	79	16	45	79	16	60
20	108.4	101.49	75	14	30	84	16	45	84	16	60
21	113.4	106.52	75	16	30	89	16	45	89	16	60
22	118.0	111.55	80	16	30	90	16	45	90	20	60
23	123.4	116.58	80	16	30	95	16	45	95	20	60
24	128.3	121.62	80	16	30	100	16	45	100	20	60
25	134.0	126.66	80	16	30	100	16	45	105	20	60
26	139.0	131.70	85	20	35				110	20	60
27	144.0	136.75	85	20	35				110	20	60
28	148.7	141.78	90	20	35				115	20	60
29	153.8	146.83	90	20	35						
30	158.8	151.87	90	20	35						
31	163.9	156.92	95	20	35						
32	168.9	161.95	95	20	35						
33	174.5	167.00	95	20	35						
34	179.0	172.05	95	20	35						
35	184.1	177.10	95	20	35						
36	189.1	182.15	100	20	35						
37	194.2	187.20	100	20	35						
38	199.2	192.24	100	20	35						
39	204.2	197.29	100	20	35						
40	209.3	202.34	100	20	35						



PITCH 5/8" X3/8" ASA 50

For chain
Acc.to DIN 8188
ISO/R 606

SPROCKETS mm

Tooth radius r_t 17
Radius width C 2
Tooth width B₁ 9
Tooth width b₁ 8.8
Tooth width B₂ 26.9
Tooth width B₃ 45

CHAIN mm

Pitch 15.875
Internal width 9.52
Roller φ 10.16
Material: C45

PLATEWHEELS			S	D	T	z	d _s	d _p	S	D	T
z	d _s	d _p	D ₁	D ₂	D ₃				D ₁	D ₂	D ₃
8	47.0	41.48	10			44	230.0	222.53	20		
9	52.6	46.42	10			45	235.0	227.58	20	20	25
10	57.5	51.37	10			46	240.1	232.63	20		
11	63.0	56.34	10			47	245.1	237.68	20		
12	68.0	61.36	10			48	250.2	242.73	20		
13	73.0	66.32	10			49	252.2	247.78	20		
14	78.0	71.34	10			50	260.3	252.82	20		
15	83.0	76.36	10			51	265.3	257.87	20		
16	88.0	81.37	12			52	270.4	262.92	20		
17	93.0	86.39	12			53	275.4	267.97	20		
18	98.3	91.42	12			54	280.5	273.03	20		
19	103.3	96.45	12			55	285.5	278.08	20		
20	108.4	101.49	12			56	290.6	283.13	20		
21	113.4	106.52	12			57	296.0	288.18	25	25	25
22	118.0	111.55	12			58	300.7	293.23	25		
23	123.4	116.58	12			59	305.7	298.27	25		
24	128.3	121.62	12			60	310.8	303.32	25		
25	134.0	126.66	12			62	321.4	313.43	25		
26	139.0	131.70	16			64	331.5	323.53	25		
27	144.0	136.75	16			65	336.5	328.58	25		
28	148.7	141.78	16			66	341.6	333.63	25		
29	153.8	146.83	16			68	351.7	343.74	25		
30	158.8	151.87	16	20	20	70	361.8	353.84	25		
31	163.9	156.92	16			72	371.9	363.95	25		
32	168.9	161.96	16			75	387.1	379.09	25		
33	174.5	167.00	16			76	392.1	384.16	25	25	30
34	179.0	172.06	16			78	402.2	394.25	25		
35	184.1	177.10	16			80	412.3	404.35	25		
36	189.1	182.15	20			85	437.6	429.62	30		
37	194.2	187.20	20			90	462.8	454.88	30		
38	199.2	192.24	20	20	25	95	488.5	480.14	30	30	
39	204.2	197.29	20			100	513.4	505.39	30		
40	209.3	202.34	20			110	563.9	555.92	30		
41	214.8	207.39	20			114	584.1	576.13	30		
42	219.9	212.44	20			120	614.4	606.45	30		
43	224.9	217.49	20			125	639.7	631.51	30		



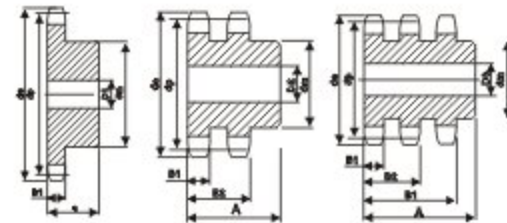
SPROCKETS			SIMPLEX			DUPLEX			TRIPLEX		
z	d _a	d _p	d _m	D ₁	a	d _m	D ₂	a	d _m	D ₃	a
10	71.54	61.64	42	12	30	42	12	45			
11	77.51	67.61	45	12	30	47	16	50			
12	83.49	73.61	45	12	30	53	16	50	53	20	70
13	89.49	79.69	58	14	35	59	16	50	59	20	70
14	95.50	85.61	60	14	35	65	16	50	65	20	70
15	101.52	91.63	60	14	35	71	16	50	71	20	70
16	107.54	97.65	75	16	35	77	20	50	77	20	70
17	113.56	103.67	75	16	35	83	20	50	83	20	70
18	119.59	109.71	75	16	35	89	20	50	89	20	70
19	125.63	115.75	80	16	35	95	20	50	95	20	70
20	131.67	121.78	80	16	35	100	20	50	100	20	70
21	137.71	127.82	80	16	35	100	20	50	100	20	70
22	143.75	133.86	90	20	40	100	20	50	100	20	70
23	149.79	139.90	90	20	40	110	20	50	110	20	70
24	155.84	145.94	90	20	40	110	20	50	110	20	70
25	161.88	152.00	90	20	40	120	20	50			
26	167.93	158.04	90	20	40	120	20	50			
27	173.98	164.09	90	20	40	120	20	50			
28	180.03	170.13	95	20	40	120	20	50			
30	192.14	182.25	95	20	40	120	20	50			

PITCH 3/4" X1/2" ASA 60

For chain
Acc.to DIN 8188
ISO/R 606

SPROCKETS	mm
Tooth radius r _s	20
Radius width C	2.4
Tooth width B ₁	12.0
Tooth width b ₁	11.8
Tooth width B ₂	34.6
Tooth width B ₃	57.4

CHAIN	mm
Pitch	19.05
Internal width	12.7
Roller φ	11.91
Material: C45	



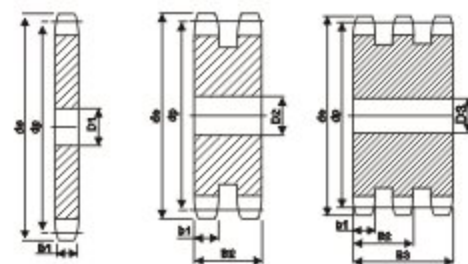
PLATEWHEELS			S	D	T
z	d _a	d _p	D ₁	D ₂	D ₃
30	192.14	182.25			20
32	204.24	194.25		20	
38	240.58	230.69	20	25	25
40	252.69	242.80	20	25	
45	282.98	273.09	25	25	25
48	301.16	291.27	25		
57	355.70	345.81	25	25	30
76	470.87	460.98	30	30	30
95	596.06	576.17		30	

PITCH 3/4" X1/2" ASA 60

For chain
Acc.to DIN 8188
ISO/R 606

PLATEWHEELS	mm
Tooth radius r _s	20
Radius width C	2.4
Tooth width B ₁	12.0
Tooth width b ₁	11.8
Tooth width B ₂	34.6
Tooth width B ₃	57.4

CHAIN	mm
Pitch	19.05
Internal width	12.7
Roller φ	11.91



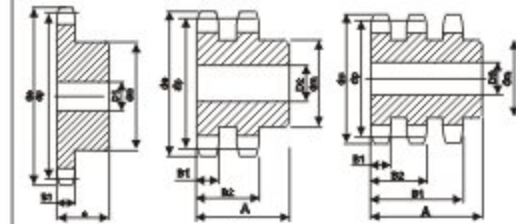
SPROCKETS			SIMPLEX			DUPLEX			TRIPLEX		
z	d _a	d _p	d _m	D ₁	a	d _m	D ₂	a	d _m	D ₃	a
8	79.49	66.37	42	16	35						
9	87.38	74.29	50	16	35						
10	95.32	82.19	55	16	35						
11	103.28	90.14	61	16	40						
12	111.26	98.14	69	16	40	72	20	70	72	25	100
13	119.26	106.12	78	16	40	78	20	70	78	25	100
14	127.27	114.15	84	16	40	86	20	70	86	25	100
15	135.29	122.17	92	16	40	94	20	70	94	25	100
16	143.32	130.20	100	20	45	102	20	70	102	30	100
17	151.35	138.22	100	20	45	110	20	70	110	30	100
18	159.39	146.28	100	20	45	118	20	70	118	30	100
19	167.44	154.33	100	20	45	126	20	70	126	30	100
20	175.49	162.38	100	20	45	130	20	70	130	30	100
21	183.54	170.43	110	20	50	130	25	70			
22	191.60	178.48	110	20	50						
23	199.66	186.53	110	20	50						
24	207.72	194.59	110	20	50						
25	215.78	202.66	110	20	50						
26	223.84	210.72	120	20	50						
27	231.91	218.79	120	20	50						
28	239.98	226.85	120	20	50						
29	248.05	234.92	120	20	50						
30	256.12	243.00	120	20	50						

PITCH 1" X5/8" ASA 80

For chain
Acc.to DIN 8188
ISO/R 606

SPROCKETS	mm
Tooth radius r _s	27
Radius width C	3.2
Tooth width B ₁	15.0
Tooth width b ₁	14.7
Tooth width B ₂	44.0
Tooth width B ₃	73.3

CHAIN	mm
Pitch	25.4
Internal width	15.88
Roller φ	15.88
Material: C45	



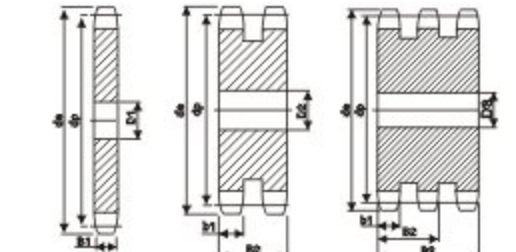
PLATEWHEELS			S	D	T
z	d _a	d _p	D ₁	D ₂	D ₃
10	95.32	82.19	15		
11	103.28	90.14	15		
12	111.26	98.14	15		
13	119.26	106.12	15		
14	127.27	114.15	15		
15	135.29	122.17	15		
16	143.32	130.17	19		
17	151.35	138.22	19		
18	159.39	146.28	19		
19	167.44	154.33	19		
20	175.49	162.38	19		
21	183.54	170.43	20		
22	191.60	178.48	20		
23	199.66	186.53	20		
24	207.72	194.59	20		
25	215.78	202.66	20	25	30
26	223.84	210.72	20		
27	231.91	218.79	20		
28	239.98	226.85	20		
30	256.12	243.00	20	25	30
32	272.26	259.13	25		
35	296.48	283.36	25		
38	320.70	307.59	25	25	30
45	377.24	364.12	25	25	30
50	417.64	404.52	25		
57	474.20	461.08	25	25	40
76	627.80	614.64	25	25	40

PITCH 1" X5/8" ASA 80

For chain
Acc.to DIN 8188
ISO/R 606

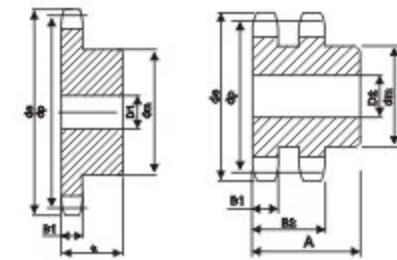
PLATEWHEELS	mm
Tooth radius r _s	27
Radius width C	3.2
Tooth width B ₁	15.0
Tooth width b ₁	14.7
Tooth width B ₂	44.0
Tooth width B ₃	73.3

CHAIN	mm
Pitch	25.4
Internal width	15.88
Roller φ	15.88





SPROCKETS			SIMPLEX			DUPLEX		
z	d _a	d _p	d _m	D ₂	a	d _m	D ₃	a
8	98.1	82.96	53	20	40			
9	108.0	92.84	63	20	40			
10	117.9	102.74	70	20	40			
11	127.8	112.68	77	20	45			
12	137.8	122.68	88	20	45	90	20	80
13	147.8	132.65	98	20	45	100	20	80
14	157.8	142.68	108	20	45	110	20	80
15	168.9	152.72	118	20	45	120	20	80
16	177.9	162.75	120	25	50	120	25	80
17	187.9	172.78	120	25	50	120	25	80
18	198.0	182.85	120	20	50			
19	208.1	192.91	120	20	50			
20	218.1	202.98	120	20	50			
21	228.2	213.04	140	25	55			
22	238.3	223.11	140	25	55			
23	248.3	233.17	140	25	55			
24	258.4	243.23	140	25	55			
25	268.5	253.33	140	25	55			



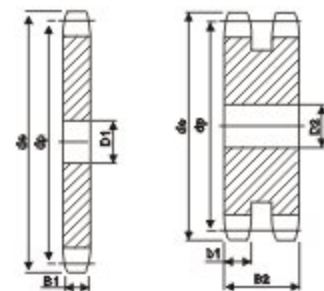
PITCH 1" 1/4X3/4"

For chain
Acc.to DIN 8188
ISO/R 606

SPROCKETS	mm
Tooth radius r _s	33.5
Radius width C	4
Tooth width B ₁	18.0
Tooth width b ₁	17.7
Tooth width B ₂	53.5
Tooth width B ₃	89.2

CHAIN	mm
Pitch	31.75
Internal width	19.05
Roller φ	19.05
Material: C45	

PLATEWHEELS			S	D	T
z	d _a	d _p	D ₁	D ₂	D ₃
8	98.1	82.96	16		
9	108.0	92.84	16		
10	117.9	102.74	16		
11	127.8	112.68	16		
12	137.8	122.68	20		
13	147.8	132.65	20		
14	157.8	142.68	20		
15	168.9	152.72	20		
16	177.9	162.75	20		
17	187.9	172.78	20		
18	198.0	182.85	20		
19	208.1	192.91	20		
20	218.1	202.98	20	25	
21	228.2	213.04	25		
22	238.3	223.11	25		
23	248.3	233.17	25		
24	258.4	243.23	25		
25	268.5	253.33	25	25	
26	278.6	263.40	25		
27	288.6	273.40	25		
28	298.7	283.56	25		
29	308.8	293.65	25		
30	318.9	303.75	25	25	
31	329.0	313.85	25		
32	339.1	323.91	25		
33	349.2	334.01	25		
34	359.3	344.10	25		
35	369.4	354.20	25		
36	379.5	364.30	25		
37	389.5	374.39	25		
38	399.6	384.49	25	30	
39	409.7	394.59	25		
40	419.8	404.68	25		
45	470.3	455.17	30	30	
57	591.5	576.36	30	30	



PITCH 1" 1/4X3/4"

For chain
Acc.to DIN 8188
ISO/R 606

PLATEWHEELS	mm
Tooth radius r _s	33.5
Radius width C	4
Tooth width B ₁	18.0
Tooth width b ₁	17.7
Tooth width B ₂	53.5
Tooth width B ₃	89.2

CHAIN	mm
Pitch	31.75
Internal width	19.05
Roller φ	19.05
Material: C45	



SPROCKETS			SIMPLEX			DUPLEX		
z	d _a	d _p	d _m	D ₂	a	d _m	D ₃	a
8	119.04	99.55	58	20	45			
9	130.88	111.40	70	20	45			
10	142.77	123.29	80	20	45			
11	154.71	135.21	90	25	50			
12	166.69	147.22	102	25	50	102	25	100
13	178.69	159.18	114	25	50	114	25	100
14	190.70	171.22	128	25	50	128	25	100
15	202.73	183.26	140	25	50	140	25	100
16	214.77	195.29	25					
17	226.83	207.35	25					
18	238.89	219.41	25					
20	263.03	243.55	25					
22	287.20	267.72	25					
25	323.47	303.99	25					
30	383.97	364.49	30					
32	408.19	388.71	30					
38	480.85	461.37	30					
45	565.67	546.19	30					
57	711.10	691.62					40	

ALL toothings not mentioned any longer are available until sold out.
Toothings and pitches of ASA profiles not included in this Catalog
can be manufactured upon request

PITCH 1" 1/2X1"

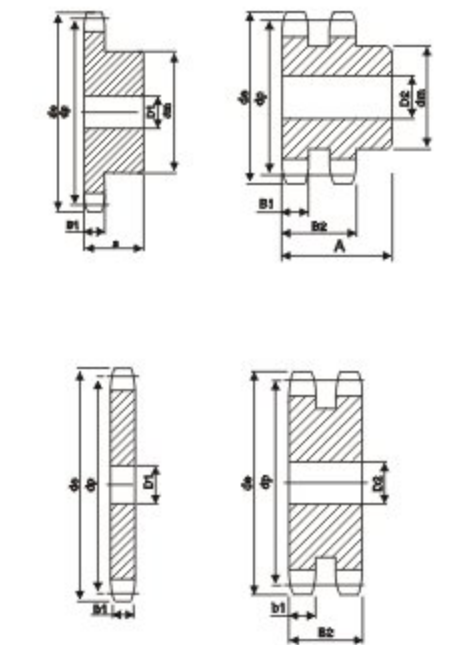
For chain
Acc.to DIN 8188
ISO/R 606

SPROCKETS & PLATEWHEELS mm

Tooth radius r _s	40.5
Radius width C	4.8
Tooth width B ₁	24.1
Tooth width b ₁	23.6
Tooth width B ₂	69.0
Tooth width B ₃	

CHAIN mm

Pitch	38.1
Internal width	25.4
Roller φ	22.22
Material: C45	





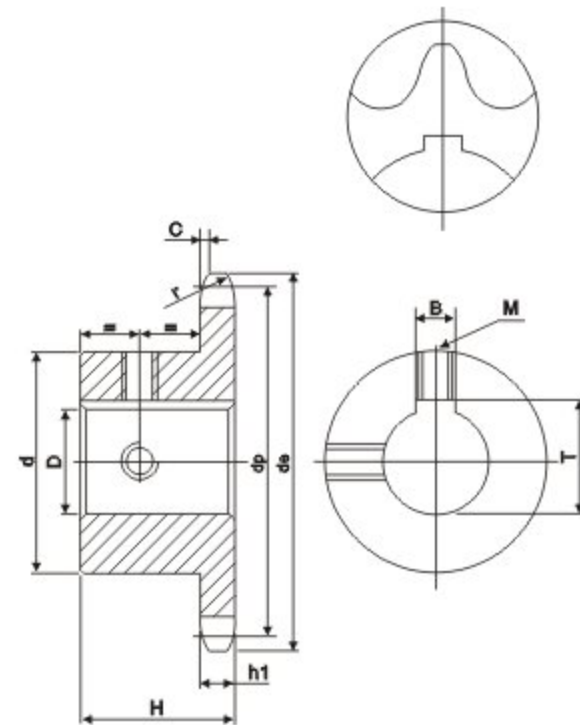
For Roller Chains DIN817-ISO/R606

ALL sprockets are finished with inducti on hardened teeth.
This treatment gives a longer lasting life to sprockets.
And with finished broe, keyway and 2 grub
screws, this eliminates further
modifiction by customer
and can be fitted
immediately.



Bore-Keyway-Screws

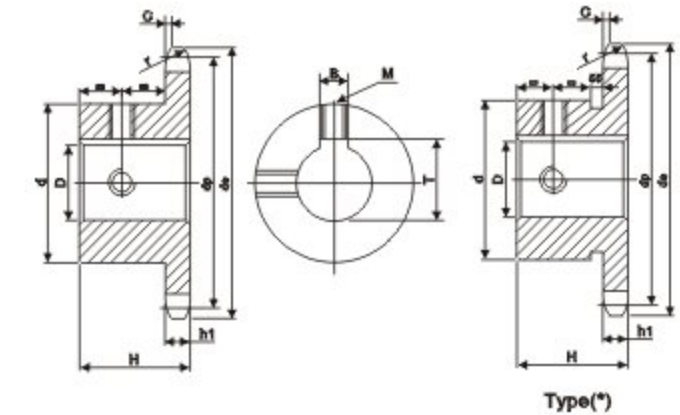
D(H7)	B(H9)	T	M
10	4	D+1.8 (+0.1/0)	M3
11	4	D+1.8 (+0.1/0)	M3
12	4	D+1.8 (+0.1/0)	M3
14	5	D+2.3 (+0.1/0)	M4
16	5	D+2.3 (+0.1/0)	M4
18	6	D+2.8 (+0.1/0)	M5
19	6	D+2.8 (+0.1/0)	M5
20	6	D+2.8 (+0.1/0)	M5
22	6	D+2.8 (+0.1/0)	M5
24	8	D+3.3 (+0.2/0)	M6
25	8	D+3.3 (+0.2/0)	M6
28	8	D+3.3 (+0.2/0)	M6
30	8	D+3.3 (+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



3/8" X7/32"

CHAIN:	ISO mm
Pitch	9.525
Internal width	5.72
Roller ϕ	6.35
SPROCKETS	
Tooth radius r_s	10
Radius width C	1
Tooth width h_s	5.3

06B-19.525X5.72mm



z	d _a	d _p	D	H	d
10	34	30.80	10 11 12 14	22	24 26 29
11	37	33.8	10 12 14 16	25	26 29* 31*
12	40	36.8	10 12 14 16	25	25 26 29* 31*
13	43	39.3	10 12 14 16 18	25	28 29 31 35*
14	46.3	42.8	12 14 16 18 19	25	31 35
15	49.3	45.81	12 14 16 18 19 20 22 24 25	25	34 35 36 38 42*
16	52.3	48.82	12 14 16 18 19 20	28	37

z	d _a	d _p	D	H	d
16	52.3	48.82	22 24 25 12 14 16	16	37 42
17	55.3	51.83	12 14 16 18 19 20 22 24 25	28	40 42
18	59.3	54.85	12 14 16 18 19 20 22 24 25	28	43
19	61.3	57.87	12 14 16 18 19 20 22 24 25	28	45
20	64.3	60.89	12 14 16 18 19 20 22	28	46

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



1/2" X5/16"

CHAIN:

Pitch
Internal width
Roller ϕ

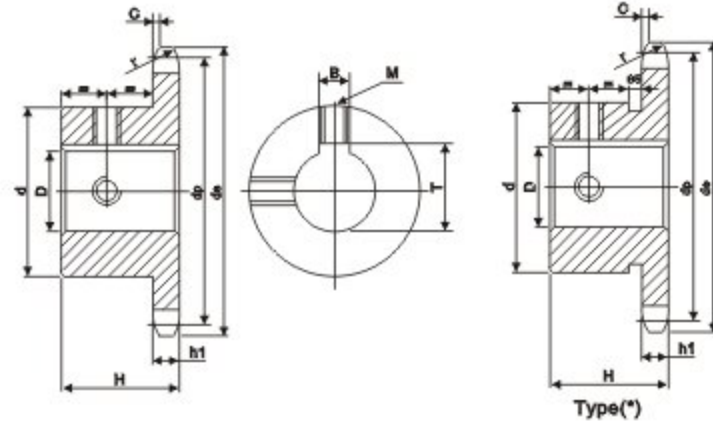
ISO
mm
12.7
7.5
8.51

SPROCKETS

Tooth radius r_f
Radius width C
Tooth width h_f

13
1.3
7.2

06B-19.525X5.72mm



5/8" X3/8"

CHAIN:

Pitch
Internal width
Roller ϕ

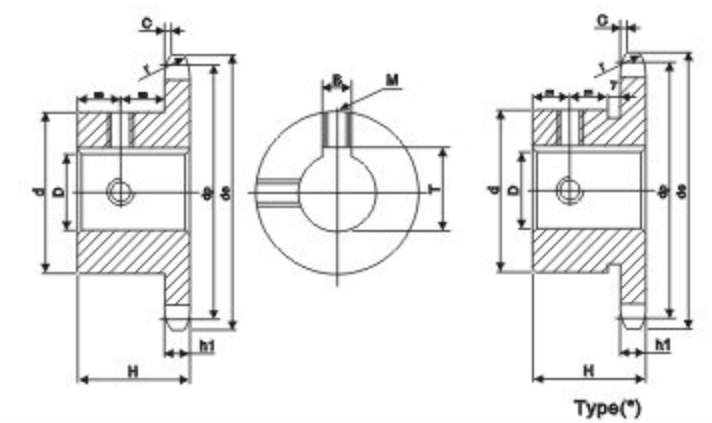
ISO
mm
15.875
9.65
10.16

SPROCKETS

Tooth radius r_f
Radius width C
Tooth width h_f

16
1.6
9.1

10B-1 15.875X9.65mm



z	d _a	d _p	D	H	d
10	45.2	41.1	12	25	26
			14	29	31
			16	31	35
11	48.7	45.07	12	25	29
			14	31	34
			16	35	38
			18	37	41
12	53	49.07	12	28	33
			14	33	36
			16	36	38
			18	38	41*
			20	42*	42*
13	57.4	53.06	12	28	37
			14	33	42
			16	37	45*
			18	41	45*
14	61.8	57.07	12	28	41
			14	33	45
			16	37	45
15	65.5	61.09	12	28	45
			14	33	45
			16	37	45

z	d _a	d _p	D	H	d
15	65.5	61.09	18	28	45
			19	28	45
			20	28	45
			22	28	45
			24	28	45
			25	28	45
			28	28	45
			30	28	45
			32	28	45
			35	28	45
16	69.5	65.1	16	28	50
			18	28	50
			20	28	50
			22	28	50
			24	28	50
			25	28	50
			28	28	50
			30	28	50
			32	28	50
			35	28	50
17	73.6	69.11	16	28	52
			18	28	52
			20	28	52
			22	28	52
			24	28	52
			25	28	52
			28	28	52
			30	28	52
			32	28	52
			35	28	52
18	77.8	73.14	16	28	56
			18	28	56
			20	28	56
			22	28	56
			24	28	56
			25	28	56
			28	28	56
			30	28	56
			32	28	56
			35	28	56

z	d _a	d _p	D	H	d
18	77.8	73.14	38	28	56
			16	28	56
			18	28	56
			20	28	56
			22	28	56
			24	28	56
			25	28	56
			28	28	56
			30	28	56
			32	28	56
			35	28	56
19	81.7	77.16	24	28	60
			25	28	60
			28	28	60
			30	28	60
			32	28	60
			35	28	60
			38	28	60
			40	28	60
			42	28	60
			45	28	60
20	85.8	81.19	16	28	64
			18	28	64
			20	28	64
			22	28	64
			24	28	64
			25	28	64
			28	28	64
			30	28	64
			32	28	64
			35	28	64
			38	28	64
			40	28	64
			42	28	64
			45	28	64
21	89.7	85.22	16	28	68
			18	28	68
			20	28	68
			22	28	68
			24	28	68
			25	28	68
			28	28	68
			30	28	68
			32	28	68
			35	28	68
			38	28	68
			40	28	68
			42	28	68
			45	28	68
22	93.8	89.24	16	28	70
			18	28	70
			20	28	70
			22	28	70
			24	28	70
			25	28	70
			28	28	70
			30	28	70
			32	28	70
			35	28	70
			38	28	70
			40	28	70
			42	28	70
			45	28	70

z	d _a	d _p	D	H	d
22	93.8	89.24	20	28	70
			22	28	70
			24	28	70
			25	28	70
			28	28	70
			30	28	70
			32	28	70
			35	28	70
			38	28	70
			40	28	70
			42	28	70
			45	28	70
23	98.2	93.27	16	28	70
			18	28	70
			20	28	70
			22	28	70
			24	28	70
			25	28	70
			28	28	70
			30	28	70
			32	28	70
			35	28	70
			38	28	70
			40	28	70
			42	28	70
			45	28	70
24	101.8	97.29	16	28	70
			18	28	70
			20	28	70
			22	28	70
			24	28	70
			25	28	70
			28	28	70
			30	28	70
			32	28	70
			35	28	70
			38	28	70
			40	28	70
			42	28	70
			45	28	70
25	105.8	101.33	16	28	70
			18	28	70
			20	28	70
			22	28	70
			24	28	70
			25	28	70
			28	28	70
			30	28	70
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			38	28	70
			40	28	70
			42	28	70
			45	28	70

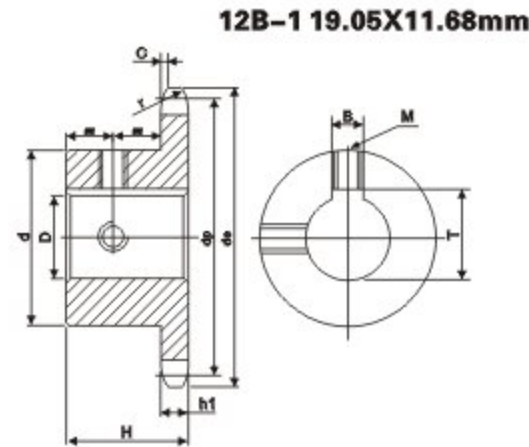
z	d _a	d _p	D	H	d
10	57.5	51.37	16	25	35
			18	25	35
			20	25	35
			22	25	35
			24	25	35
			25	25	35
			28	25	35
			30	25	35
			32	25	35
			35	25	35
			38	25	35
			40	25	35
			42	25	35
			45	25	35
11	63	56.34	16	30	37
			18	30	37
			20	30	37
			22	30	37
			24	30	37
			25	30	37
			28	30	37
			30	30	37
			32	30	37
			35	30	37
			38	30	37
			40	30	37
			42	30	37
			45	30	37
12	68	61.34	16	30	42
			18	30	42
			20	30	42
			22	30	42
			24	30	42
			25	30	42
			28	30	42
			30	30	42
			32	30	42
			35	30	42
			38	30	42
			40	30	42
			42	30	42
			45	30	42
13	73	66.32	16	30	47
			18	30	47
			20	30	47
			22	30	47
			24	30	47
			25	30	47
			28	30	47
			30	30	47
			32	30	47
			35	30	47
			38	30	47
			40	30	47
			42	30	47
			45	30	47
14	78	71.34	16	30	52
			18	30	52
			20	30	52
			22	30	52
			24	30	52
			25	30	52
			28	30	52
			30	30	52
			32	30	52
			35	30	52
			38	30	52
			40	30	52
			42	30	52
			45	30	52
15	83	76.36	16	30	57
			18	30	57
			20	30	57
			22	30	57
			24	30	57
			25	30	57
			28	30	57
			30	30	57
			32	30	57
			35	30	57
			38	30	57
			40	30	57
			42	30	57
			45	30	57

z	d _e	d _p	D	H	d
15	83	76.36	20	30	57
			22		
			24		
			25		
			28		
			30		
16	88	81.37	32	30	60
			35		
			38		
			19		
			20		
			22		
17	93	86.39	24	30	60
			25		
			28		
			30		
			32		
			35		
18	88.3	91.42	38	30	70
			19		
			20		
			22		
			24		
			25		
19	103.3	96.45	28	30	70
			30		
			32		
			35		
			38		
			40		



3/4" X7/16"

CHAIN:	ISO mm
Pitch	19.05
Internal width	11.68
Roller ϕ	12.07
SPROCKETS	
Tooth radius r_f	19
Radius width C	2
Tooth width h_1	11.1



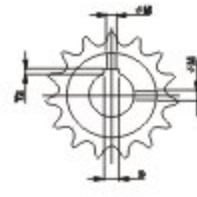
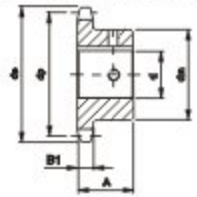
z	d _a	d _p	D	H	d
10	69	61.64	19	30	42
			20		
			24		45
			25		47
			28		49
			30		
			32		
			35		
			38		
			40		
			42		
			45		
			48		
			50		
			52		
			55		
			58		
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			63		
			66		
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			1074		</



Finished Bore Sprockets

z	d _a	d _p	d _m	A	D ₁	z	d _a	d _p	d _m	A	D ₁	z	d _a	d _p	d _m	A	D ₁
13	73.2	66.32	47	30	18	18	98.3	91.42	70	30	20	23	123.4	116.58	80	30	20
					19						22						22
					20						24						24
					22						25						25
					24						28						28
					25						30						30
					26						32						32
					28						35						35
					30						38						38
					32						40						40
					35						42						42
14	78.2	71.34	52	30	18												
					19												
					20												
					22												
					24												
					25												
					28												
					30												
					32												
					35												
					38												
					40												
15	83.2	76.36	57	30	18												
					19												
					20												
					22												
					24												
					25												
					28												
					30												
					32												
					35												
					38												
					40												
16	88	81.37	60	30	18												
					19												
					20												
					22												
					24												
					25												
					28												
					30												
					32												
					35												
					38												
					40												
17	93.2	86.39	60	30	18												
					19												
					20												
					22												
					24												
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					28												
					30												
					32												
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					38												
					40												

5/8" x 3/8" 10B-1
For Roller Chains DIN8187 ISO/R 606



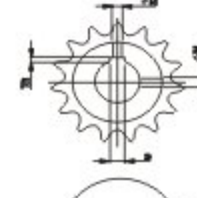
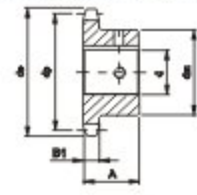
Execution hardened teeth HRC 45/53

SPROCKET
Tooth width B₁ mm 9.1

CHAIN
Pitch mm 15.875
Inner width mm 9.65
Roller diameter mm 10.16

z	d _a	d _p	d _m	A	D ₁	z	d _a	d _p	d _m	A	D ₁	z	d _a	d _p	d _m	A	D ₁
12	61.6	73.6	62	35	20	17	111.2	103.67	80	35	22	23	147.4	139.90	90	40	28
					22						25						30
					24						28						32
					25						30						35
					28						32						38
					30						35						40
					32						38						42
					35						40						45
					38						42						48
					40						45						50
13	67.1	79.60	68	35	20												
					22												
					24												
					25												
					28												
					30												
					32												
					35												
					38												
					40												
14	83.8	85.61	64	35	20												
					22												
					24												
					25												
					28												
					30												
					32												
					35												
					38												
					40												
15	99.2	91.63	70	35	20												
					22												
					24												
					25												
					28												
					30												
					32												
					35												
					38												
					40												
16	105.5	97.65	78	35	20												
					22												
					24												
					25												
					28												
					30												
					32												
					35												
					38												
					40												

3/4" x 7/16" 12B-1
For Roller Chains Din8187 Iso/r 606



Execution hardened teeth HRC 45/53

SPROCKET
Tooth width B₁ mm 11.1

CHAIN
Pitch mm 19.05
Inner width mm 11.68
Roller diameter mm 12.07



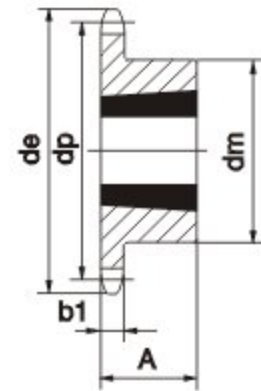
Finished Bore Sprockets

z	d _a	d _p	d _m	A	D ₁	z	d _a	d _p	d _m	A	D ₁	z	d _a	d _p	d _m	A	D ₁
12	109.71	98.14	69	40	25	18	141.0	130.20	100	45	30	20	173.2	162.38	100	45	30
					28						32						32
					30						35						35
					32						38						38
					35						40						40
					38						42						42
					40						45						45
					42						48						48
13	117.2	106.14	78	40	25	17	149.4	138.22	100	45	30	21	181.8	170.43	110	80	30
					28						32						32
					30						35						35
					32						38						38
					35						40						40
					38						42						42
					40						45						45
					42						48						48
14	125.7	114.15	84	40	25	16	157.0	146.28	100	45	30	23	198.1	186.1	110	80	30
					28						32						32
					30						35						35
					32						38						38
					35						40						40
					38						42						42
					40						45						45
					42						48						48
15	133.3	122.17	92	40	28	19	165.5	154.33	100	45	30	25	214.2	202.86	110	80	30
					30						32						32
					32						35						35
					35						38						38
					38						40						40
					40						42						42
					42						45						45
					45						48						48

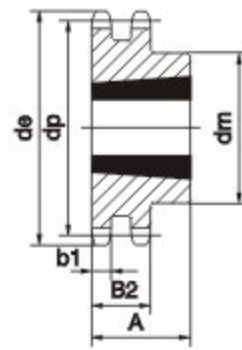


Taper Bore Sprockets

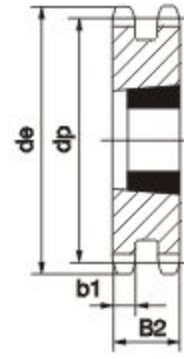
FOR ROLLER CHAINS DIN8187-ISO/R606



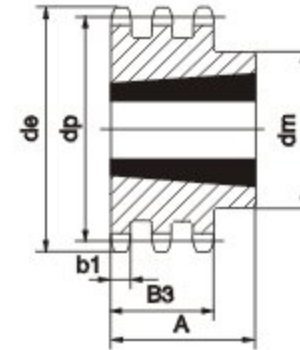
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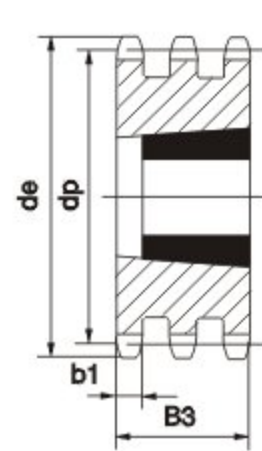
TYPE 2



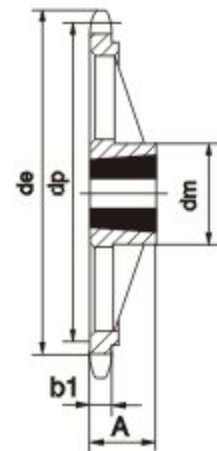
TYPE 3



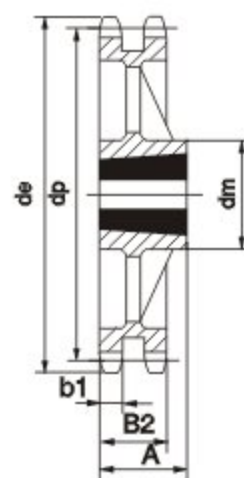
TYPE 4



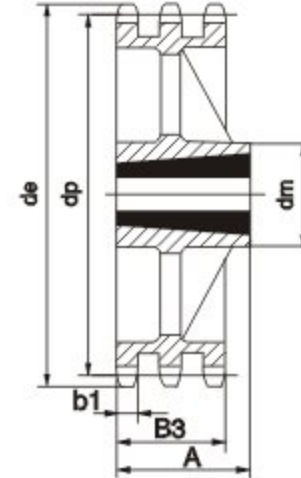
TYPE 5



TYPE 6



TYPE 7



TYPE 8

Taper Bore Sprockets

FOR ROLLER CHAINS DIN8187-ISO/R606

06B 3/8"x7/32"

Z	Simplex						Duplex				Triplex				SPROCKET	mm
	de	dp	dm	A	BUSH	TYPE	dm	A	BUSH	TYPE	dm	A	BUSH	TYPE		
17	55.5	51.83	45	22	1008	1	43	22	1008	2	—	25.6	1008	5	TOOTH radius	r _s
18	58.8	54.85	45	22	1008	1	43	22	1008	2	—	25.6	1008	5	Radius width	C
19	61.8	57.86	45	22	1008	1	46	22	1008	2	—	25.6	1008	5	Sprocket tooth width	B ₁
20	64.8	60.89	46	22	1008	1	48	22	1008	2	—	25.6	1008	5	Sprocket tooth width	b ₁
21	67.8	63.90	46	22	1008	1	49	22	1008	2	—	25.6	1008	5	Sprocket tooth width	B ₂
22	70.6	66.93	55	22	1108	1	52	22	1108	2	—	25.6	1210	5	Sprocket tooth width	B ₃
23	73.7	69.95	63	25	1210	1	59	25	1210	2	—	25.6	1210	5	CHAIN	
24	76.7	72.97	63	25	1210	1	61	25	1210	2	—	25.6	1210	5	Pitch	
25	79.7	75.99	63	25	1210	1	64	25	1210	2	—	25.6	1210	5	Inner width	
26	82.7	79.02	63	25	1210	1	65	25	1210	2	—	25.6	1210	5	Roller diameter	
27	85.7	82.04	63	25	1210	1	70	25	1210	2	—	25.6	1210	5		
28	88.8	85.07	63	25	1210	1	70	25	1210	2	—	25.6	1210	5		
30	94.8	91.12	63	25	1210	1	75	25	1210	2	79	38	1615	4		
38	119.0	115.34	70	25	1210	1	80	25	1610	2	90	38	1615	4		
45	141.1	136.54	70	25	1210	1	80	25	1610	2						
57	177.5	172.91	83	25	1210	6	92	25	1610	7						
76	235.1	230.49	83	25	1210	6	92	25	1610	7						
95	292.7	288.08	83	25	1210	6	92	25	1610	7						
114	350.3	345.68	83	25	1210	6	95	38	1615	7						

08B 1/2"x5/16"

Z	Simplex						Duplex				Triplex				SPROCKET	mm
	de	dp	dm	A	BUSH	TYPE	dm	A	BUSH	TYPE	dm	A	BUSH	TYPE		
15	68.5	61.80	48	22	1008	1	46	22	1008	2	—	34.9	1008	5	TOOTH radius	r _s
16	69.9	65.10	50	22	1108	1	50	22	1108	2	—	34.9	1210	5	Radius width	C
17	74.5	69.11	60	25	1210	1	56	25	1210	2	—	34.9	1210	5	Sprocket tooth width	B ₁
18	78.0	73.14	60	25	1210	1	60	25	1210	2	—	34.9	1210	5	Sprocket tooth width	b ₁
19	82.5	77.15	63	25	1210	1	62	25	1210	2	62	38	1215	4	Sprocket tooth width	B ₂
20	86.0	81.19	71	25	1610	1	66	25	1610	2	—	34.9	1615	4	Sprocket tooth width	B ₃
21	90.6	85.21	71	25	1610	1	71	25	1610	2	70	38	1615	4	CHAIN	
22	94.1	89.24	71	25	1610	1	76	25	1610	2	—	34.9	1615	4	Pitch	
23	98.7	93.28	76	25	1610	1	79	25	1610	2	70	38	1615	4	Inner width	
24	102.1	97.29	76	25	1610	1	84	25	1610	2	—	34.9	1615	4	Roller -Ø	
25	106.7	101.32	76	25	1610	1	87	32	2012	2	—	34.9	2012	5		
26	110.2	105.36	76	25	1610	1	87	32	2012	2	—	34.9	2012	5		
27	114.8	109.40	76	25	1610	1	87	32	2012	2	—	34.9	2012	5		
28	118.3	113.42	90	32	2012	1	87	32	2012	2	—	34.9	2012	5		
30	126.9	121.49	90	32	2012	1	87	32	2012	2	—	34.9	2012	5		
38	159.2	153.79	90	32	2012	1	102	32	2012	2	—	34.9	2012	5		
45	188.6	182.07	102	32	2012	1	100	32	2012	7						
57	237.1	230.54	111	32	2012	6	111	32	2012	7						
76	313.9	307.33	111	32	2012	6	111	32	2012	7						
95	390.7	384.11	111	32	2012	6	111	32	2012	7						
114	467.4	460.90	120	45	2517	6	120	45	2517	7						



Taper Bore Sprockets

FOR ROLLER CHAINS DIN8187-ISO/R606

10B 5/8"x3/8"

Z			Simplex				Doublex				Triplex				SPROCKET		mm
	d _e	d _p	d _m	A	BUSH	TYPE	d _m	A	BUSH	TYPE	d _m	A	BUSH	TYPE	Tooth radius	r _s	
13	73.2	66.32	47	22	1008	1									16	1.6	
14	78.2	71.34	52	22	1108	1									Radius width	C	9.1
15	83.2	76.36	60	25	1210	1	—	25.5	1210	3	—	42.1	1215	5	Tooth width	B ₁	9.0
16	88.3	81.37	63	25	1210	1	—	25.5	1610	3	—				Tooth width	B ₂	25.5
17	93.3	86.39	71	25	1610	1	—	25.5	1610	3	—	42.1	1215	5	Tooth width	B ₃	42.1
18	98.3	91.42	75	25	1610	1	—	25.5	1610	3	—				CHAIN		mm
19	103.3	96.45	75	25	1610	1	—	25.5	1610	3	—	42.1	1615	5			
20	108.4	101.49	75	25	1610	1	—	25.5	1610	3	—						
21	113.4	106.52	76	25	1610	1	—	25.5	1610	3	—	42.1	1615	5			
22	118.4	111.55	76	25	1610	1	—	25.5	1610	3	—				Pitch		15.875
23	123.5	116.58	76	25	1610	1	—	25.5	1610	3	—	42.1	2012	5	Inner width		9.65
24	128.5	121.62	90	32	2012	1	90	32	2012	2					Roller diameter		10.16
25	133.6	126.66	90	32	2012	1	90	32	2012	2	105	45	2517	4			
26	138.6	131.70	90	32	2012	1	90	32	2012	2							
27	143.6	136.74	90	32	2012	1	90	32	2012	2	110	45	2517	4			
28	148.7	141.78	90	32	2012	1	90	32	2012	2							
30	158.8	151.87	90	32	2012	1	90	32	2012	2	120	45	2517	4			
38	199.1	192.24	102	32	2012	1	108	45	2517	2							
45	236.0	227.58	100	32	2012	6	120	45	2517	7							
57	296.6	288.18	111	32	2012	6											
76	392.5	384.16	111	32	2012	6											
95	488.5	480.14	120	45	2517	6											
114	584.5	576.13	120	45	2517	6											

12B 3/4"x7/16"

Z			Simplex				Doublex				Triplex				SPROCKET		mm
	d _e	d _p	d _m	A	BUSH	TYPE	d _m	A	BUSH	TYPE	d _m	A	BUSH	TYPE	Tooth radius	r _s	
13	87.8	79.59	63	25	1210	1									19	2.0	
14	93.8	85.61	71	25	1610	1									Radius width	C	11.1
15	99.8	91.63	71	25	1610	1	71	38	1615	2	—	49.8	1615	5	Tooth width	B ₁	10.8
16	105.8	97.65	75	25	1610	1	71	38	1615	2	—				Tooth width	B ₂	30.3
17	111.9	103.67	76	25	1610	1	80	38	1615	2	—	49.8	1615	5	Tooth width	B ₃	49.8
18	117.9	109.71	90	32	2012	1	90	32	2012	2					CHAIN		mm
19	123.9	115.75	90	32	2012	1	95	32	2012	2	—	49.8	2012	5			
20	130.0	121.78	90	32	2012	1	108	45	2517	2	—						
21	136.0	127.82	102	45	2517	1	108	45	2517	2	—	49.8	2517	5			
22	142.0	133.86	108	45	2517	1	108	45	2517	2					Pitch		19.05
23	148.1	139.90	108	45	2517	1	108	45	2517	2	—	49.8	2517	5	Inner width		11.68
24	154.1	145.94	108	45	2517	1	108	45	2517	2	—				Roller diameter		12.07
25	160.2	152.00	108	45	2517	1	108	45	2517	2	—	49.8	2517	5			
26	166.2	158.04	108	45	2517	1	108	45	2517	2							
27	172.3	164.09	108	45	2517	1	108	45	2517	2	140	51	3020	4			
28	178.3	170.13	108	45	2517	1	108	45	2517	2							
30	190.4	182.25	108	45	2517	1	108	45	2517	2	140	51	3020	4			
38	238.9	230.69	108	45	2517	1	140	51	3020	2	140	51	3020	4			
45	283.2	273.10	120	45	2517	6	150	51	3020	7							
57	355.9	345.81	124	45	2517	6	160	51	3020	7	160	51	3020	8			
76	471.1	460.99	124	45	2517	6	160	51	3020	7	160	51	3020	8			
95	586.2	576.17	124	45	2517	6	160	51	3020	7	160	76	3030	8			
114	701.4	691.36	124	64	2525	6	160	76	3030	7	160	76	3030	8			



Taper Bore Sprockets

FOR ROLLER CHAINS DIN8187-ISO/R606

16B 1"x17.02mm

Z			Simplex				Doublex				Triplex				SPROCKET		mm
	d _e	d _p	d _m	A	BUSH	TYPE	d _m	A	BUSH	TYPE	d _m	A	BUSH	TYPE	Tooth radius	r _s	
13	117.7	108.13	73	28	1615	1									26	2.5	
14	125.7	114.15	75	38	1615	1									Radius width	C	16.2
15	133.7	122.17	76	38	1615	1	—	47.7	2012	3	—				Tooth width	B ₁	15.8
16	141.8	130.20	90	32	2012	1	—	47.7	2517	3	—				Tooth width	B ₂	47.7
17	149.8	138.22	90	32	2012	1	—	47.7	2517	3	—	79.6	2517	5	Tooth width	B ₃	79.6
18	157.8	146.28	108	45	2517	1	—	47.7	2517	3	—				CHAIN		mm
19	165.9	154.33	108	45	2517	1	—	47.7	2517	3	—	79.6	3030	5			
20	173.9	162.38	110	45	2517	1	—	47.7	2517	3	—						
21	182.0	170.43	110	45	2517	1	140	51	3020	3	—	79.6	3030	5			
22	190.1	178.48	110	45	2517	1	140	51	3020	2					Pitch		25.4
23	198.1	186.53	110	45	2517	1	140	51	3020	2	159	89	3535	4	Inner width		17.02
24	206.2	194.59	110	45	2517	1	140	51	3020	2					Roller diameter		15.88
25	214.2	202.66	110	45	2517	1	140	51	3020	2	175	89	3535	4			
26	222.3	210.72	110	45	2517	1	140	51	3020	2							
27	230.4	218.79	110	45	2517	1	140	51	3020	2	175	89	3535	4			
28	238.4	226.85	110	45	2517	1	140	51	3020	2							
30	254.6	243.00	120	45	2517	1	140	76	3030	2	175	89	3535	4			
38	319.2	307.59	160	51	3020	6	160	76	3030	7	178	89	3535	8			
45	377.9	364.13	160	51	3020	6	160	76	3030	7	215	102	4040	8			
57	474.9	416.07	160	51	3020	6	175	89	3535	7	215	102	4040	8			
76	628.4	614.65	160	51	3020	6	178	89	3535	7	215	102	4040	8			
95	782.0	768.22	160	51	3020	6	215	102	4040	7	220	102	4040	8			
114	935.6	921.81	160	76	3030	6	220	102	4040	7	260	114	4545	8			

20B 1 1/4"x3/4"

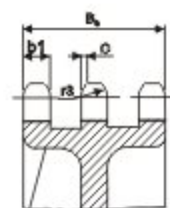
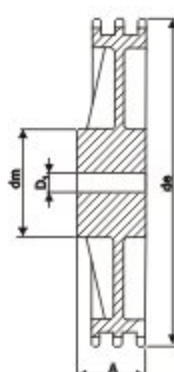
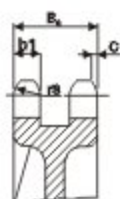
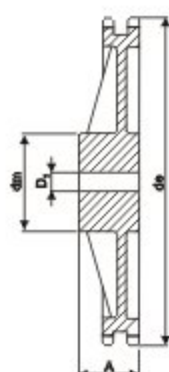
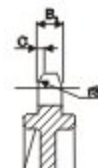
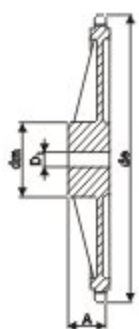
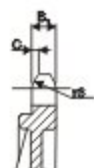
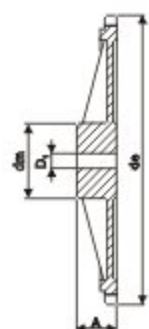
Z	de	dp	dm	Simplex			TYPE	SPROCKET		mm
				A	BUSH					
13	147.5	132.65	90	32	2012	1		Tooth radius	r3	33
15	167.7	152.72	110	45	2517	1		Radius width	C	3.5
17	187.7	172.78	110	45	2517	1		Tooth width	B1	18.5
19	207.8	192.91	110	45	2517	1		Tooth width	b1	18.2
21	228.0	213.04	120	45	2517	1		Tooth width	B2	54.6
								Tooth width	B3	91
23	248.2	233.17	120	45	2517	1				
25	268.4	253.33	120	45	2517	1				
27	288.5	273.48	150	51	3020	1				
30	318.7	303.75	160	51	3020	1				
36	399.4	384.49	160	51	3020	6				
45	471.1	455.17	160	51	3020	6				
57	592.3	576.36	160	51	3020	6				
76	784.3	768.32	160	51	3020	6				

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Cast Iron Sprockets

FOR ROLLER CHAINS DIN8187-ISO/R606



06B 3/8" X 7/32"

z			Simplex			Doublex			Triplex		
	d _m	d _p	d _m	D ₁	A	d _m	D ₁	A	d _m	D ₁	A
38	119.5	115.35	70	19	32	80	19	40	90	23	56
45	140.7	136.55	70	19	32	80	19	40	90	23	56
57	176.9	172.91	70	19	32	80	19	40	90	23	56
76	234.9	230.49	70	19	32	80	19	40	100	23	56
95	292.5	288.08	80	19	40	90	19	45	100	23	56
114	349.6	345.68	80	19	40	90	19	45	100	23	56

SPROCKET		mm
Tooth radius	r_s	10
Radius width	C	1.0
Tooth width	B_1	5.3
Tooth width	b_1	5.2
Tooth width	B_2	15.4
Tooth width	B_3	25.6

CHAIN	mm
Pitch	9.525
Inner width	5.72
Roller diameter	6.35

08B 1/2" X 5/16"

z			Simplex			Doublex			Triplex		
	d _m	d _p	d _m	D ₁	A	d _m	D ₁	A	d _m	D ₁	A
38	158.6	153.80	70	19	40	90	23	50	100	23	60
45	188	182.07	70	19	40	90	23	50	100	23	60
57	236.4	230.54	70	19	40	90	23	50	100	23	60
76	313.3	307.33	80	23	40	100	23	56	100	23	60
95	390.1	384.11	80	23	45	100	23	56	120	23	67
114	466.9	460.90	90	23	45	100	23	63	120	23	67

SPROCKET	mm
Tooth radius r_s	13
Radius width C	1.3
Sprocket tooth width B_1	7.2
Sprocket tooth width b_1	7
Sprocket tooth width B_2	21
Sprocket tooth width B_3	34.9

CHAIN	mm
Pitch	12.7
Inner width	7.75
Roller -Ø	8.51



Cast Iron Sprockets

FOR ROLLER CHAINS DIN8187-ISO/R606

10B 5/8" X 3/8"

z			Simplex			Doublex			Triplex		
	d ₀	d ₁	d _m	D ₁	A	d _m	D ₁	A	d _m	D ₁	A
38	199.2	192.24	80	19	40	100	29	50	100	31	60
45	235	227.58	80	19	40	100	29	50	100	31	60
57	296	288.18	90	23	45	100	29	56	100	31	63
76	392.1	384.16	90	23	50	100	29	63	110	34	67
95	488.5	480.14	100	23	56	110	29	63	125	34	70
*114	584.1	576.13	100	23	56	125	29	70	125	34	80

SPROCKET		mm
Tooth radius	r_s	16
Radius width	C	1.6
Tooth width	B_1	9.1
Tooth width	b_1	9.0
Tooth width	B_2	25.5
Tooth width	B_3	42.1

CHAIN	mm
Pitch	15.875
Inner width	9.65
Roller diameter	10.16

12B 3/4" X 7/16"

z			Simplex			Doublex			Triplex		
	d _m	d _l	d _m	D ₁	A	d _m	D ₁	A	d _m	D ₁	A
38	239	230.69	100	23	56	110	29	63	140	31	70
45	282.5	273.1	100	23	56	110	29	63	140	31	70
57	354	345.81	100	29	56	120	29	63	140	39	70
76	469.9	460.99	100	29	56	135	29	63	160	39	75
95	585.1	576.17	100	29	65	135	29	70	170	39	82
114	700.6	691.36	100	29	65	135	44	70	170	49	82

SPROCKET		mm
Tooth radius	r ₃	19
Radius width	C	2.0
Tooth width	B ₁	11.1
Tooth width	b ₁	10.8
Tooth width	B ₂	30.3
Tooth width	B ₃	49.8

CHAIN	mm
Pitch	19.05
Inner width	11.68
Roller diameter	12.07

16B 1"X17.02mm

z			Simplex			Doublex			Triplex		
	d _s	d _p	d _m	D ₁	A	d _m	D ₁	A	d _m	D ₁	A
30	254.0	243.00	110	29	65	125	39	75	145	39	90
38	320.0	307.59	110	29	65	140	39	75	160	44	100
45	377.0	384.13	125	29	70	148	39	75	160	44	100
57	474.0	461.08	125	34	70	160	39	90	165	44	100
76	627.0	614.65	140	34	80	175	39	95	200	44	110
95	781.0	768.22	140	39	80	175	44	95	200	49	110
114	933.0	921.81	150	39	80	175	44	95	200	49	115

SPROCKET		mm
Tooth radius	r_3	26
Radius width	C	2.5
Tooth width	B_1	16.2
Tooth width	b_1	15.8
Tooth width	B_2	47.7
Tooth width	B_3	79.6

CHAIN	mm
Pitch	25.4
Inner width	17.02
Roller diameter	15.88



Cast Iron Sprockets

FOR ROLLER CHAINS DIN8187-ISO/R606

20B 1 1/4" X 3/4"

z	d _a	d _f	Simplex			Doublex			Triplex		
			d _m	D ₁	A	d _m	D ₁	A	d _m	D ₁	A
30	318.9	303.75	115	34	70	130	39	80			
38	399.6	384.49	125	34	70	140	44	90	170	55	110
45	470.3	455.17	125	34	70	140	44	90			
57	591.5	576.36	135	39	80	160	49	100	190	62	125
76	783.5	768.32	140	49	90	180	55	100			

SPROCKET mm

Tooth radius	r _s	33
Radius width	C	3.5
Tooth width	B ₁	18.5
Tooth width	b ₁	18.2
Tooth width	B ₂	54.6
Tooth width	B ₃	91

CHAIN	mm
Pitch	31.75
Inner width	19.56
Roller diameter	19.05

24B 1 1/2" X 1"

z	d _a	d _f	Simplex			Doublex			Triplex		
			d _m	D ₁	A	d _m	D ₁	A	d _m	D ₁	A
30	379.5	364.5	130	39	85						
38	476.2	461.39	140	44	90	180	44	100	200	62	150
45	581.2	566.2	140	44	90						
57	706.5	691.63	160	44	100	200	54	110	200	62	150
76	936.9	921.98	170	44	100	220	54	120	250	69	150

SPROCKET mm

Tooth radius	r _s	38
Radius width	C	4.0
Tooth width	B ₁	24.1
Tooth width	b ₁	23.6
Tooth width	B ₂	72
Tooth width	B ₃	120.3

CHAIN	mm
Pitch	38.1
Inner width	25.4
Roller diameter	25.4

Belt-pulley

