

A Professional & Responsible Sprocket Manufacturer



We professionally manufacture all types of mechanical power transmission products, such as standard sprockets, finished bore sprockets, taper bore sprockets, idler sprockets, roller chains, conveyor chains, agricultural chains



leaf chains, v-belt pulleys, timing pulleys, gears & racks, couplings, shafts, taper bushing, and so on.



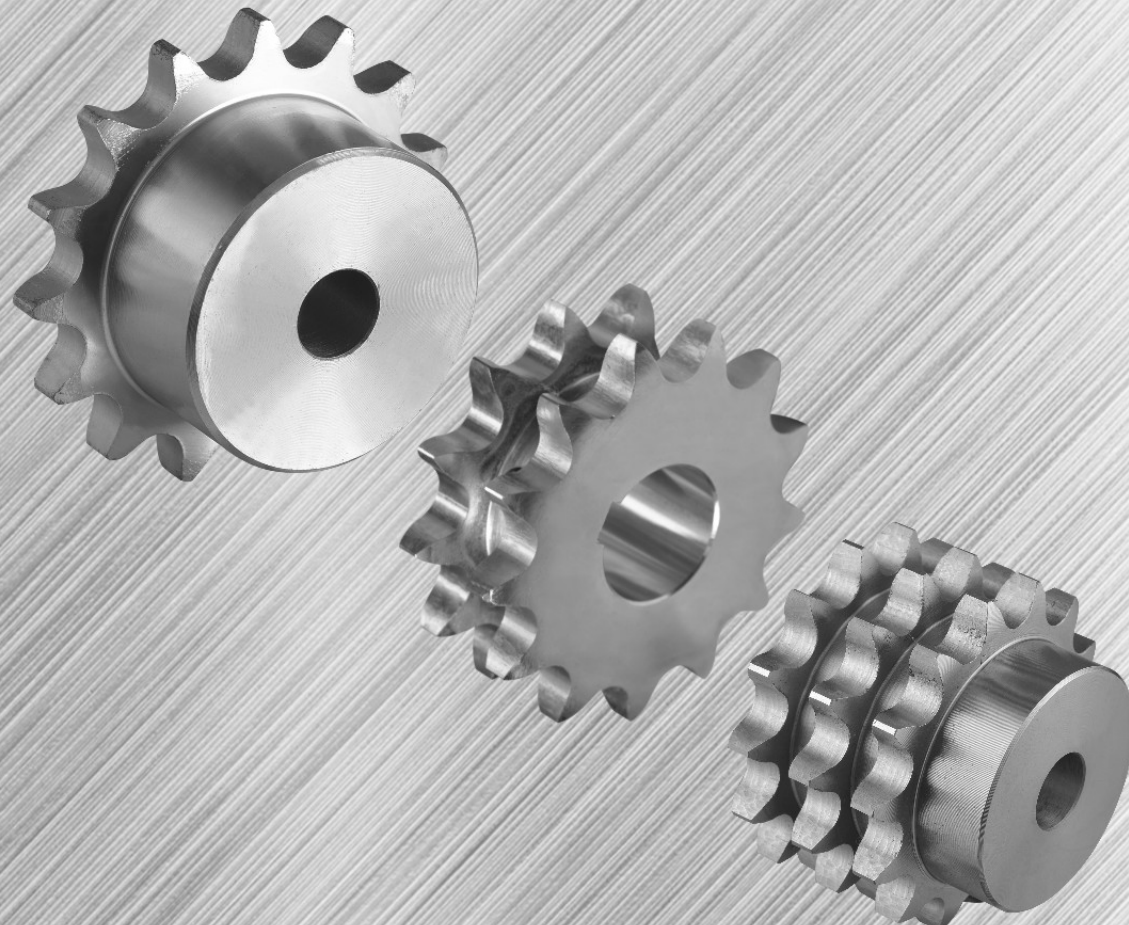
Our goal is not only to sell products, but also to become a long-term partner of customers. We provide customize services to help customers expand their brand influence and jointly promote industry efficiency and innovation.



CNC MACHINING
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Sprockets
European Standard Series

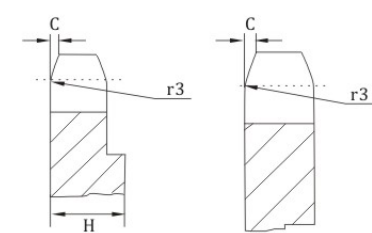
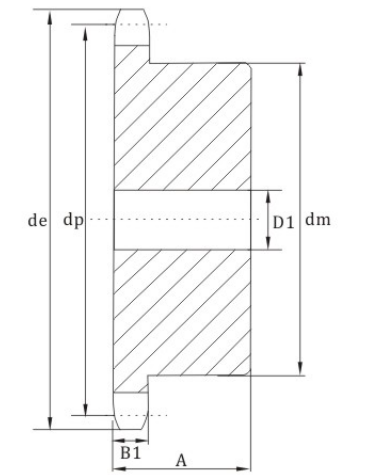


Sprockets
European Standard Series

5 × 2.5mm

SPROCKETS 5 × 2.5mm For Chain Acc. to DIN 8187 ISO/R 606 03B-1

Z	d _e	d _p	SIMPLEX			
			d _m	D ₁	A	W
8	15.2	13.06	7	4	10	0.01
9	16.8	14.62	8	5	10	0.01
10	18.3	16.18	9	5	10	0.01
11	19.9	17.75	11	6	10	0.01
12	21.5	19.32	12	6	10	0.01
13	23.0	20.89	14	6	10	0.02
14	24.6	22.47	15	6	10	0.02
15	26.2	24.04	16	6	10	0.02
16	27.8	25.63	18	8	13	0.03
17	29.4	27.20	18	8	13	0.03
18	30.9	28.79	18	8	13	0.03
19	32.5	30.38	18	8	13	0.03
20	34.1	31.96	18	8	13	0.04
21	35.7	33.54	20	8	13	0.04
22	37.3	35.13	20	8	13	0.04
23	38.9	36.72	20	8	13	0.04
24	40.5	38.30	20	8	13	0.05
25	42.0	39.89	20	8	13	0.05
26	43.6	41.48	25	8	15	0.07
27	45.2	43.07	25	8	15	0.07
28	46.8	44.65	25	8	15	0.07
29	48.4	46.25	25	8	15	0.08
30	50.0	47.83	25	8	15	0.08
31	51.6	49.42	30	8	15	0.10
32	53.2	51.01	30	8	15	0.10
33	54.8	52.60	30	8	15	0.11
34	56.3	54.19	30	8	15	0.11
35	57.9	55.78	30	8	15	0.11
36	59.5	57.37	30	8	15	0.11
37	61.1	58.96	30	8	15	0.12
38	62.7	60.54	30	8	15	0.12
39	64.3	62.13	30	8	15	0.12
40	65.9	63.73	30	8	15	0.12
41	67.5	65.30	40	8	18	0.18
42	69.1	66.91	40	8	18	0.18
43	70.6	68.49	40	8	18	0.18
44	72.2	70.09	40	8	18	0.19
45	73.8	71.68	40	8	18	0.19
46	75.4	73.27	40	8	18	0.20
47	77.0	74.86	40	8	18	0.20
48	78.6	76.45	40	8	18	0.21
49	80.2	78.03	40	8	18	0.21
50	81.8	79.63	40	8	18	0.21
51	83.4	81.22	40	8	18	0.22
52	85.0	82.81	40	8	18	0.22
53	86.6	84.40	40	8	18	0.23
54	88.1	85.97	40	8	18	0.23
55	89.7	87.58	40	8	18	0.24
56	91.3	89.17	40	8	18	0.24
57	92.9	90.76	40	8	18	0.25
58	94.5	92.35	50	8	20	0.32
59	96.1	93.94	50	8	20	0.32
60	97.7	95.53	50	8	20	0.33
62	100.9	98.72	50	8	20	0.34
64	104.1	101.9	50	8	20	0.35
65	105.6	103.49	50	8	20	0.36
66	107.2	105.08	50	8	20	0.36
68	110.4	108.26	50	8	20	0.38
70	113.6	111.44	50	8	20	0.39
72	116.8	114.63	50	8	20	0.40
75	121.6	119.40	50	8	20	0.42
76	123.1	120.99	50	8	20	0.43
78	126.3	124.17	70	8	30	0.75
80	129.5	127.35	70	8	30	0.77
85	137.5	135.31	70	8	30	0.81
90	145.4	143.27	70	8	30	0.84
95	153.4	151.22	70	8	30	0.89
100	161.3	159.18	70	8	30	0.93
110	177.2	175.09	70	8	30	1.02
114	183.6	181.45	70	8	30	1.06
120	193.2	191.01	70	8	30	1.12
125	201.1	198.96	70	8	30	1.18



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	

EUROPEAN STANDARD
SERIES
Mr.Sprocket

Sprockets
European Standard Series

03B-1

PLATEWHEELS 5 × 2.5mm

For Chain Acc. to DIN 8187

ISO/R 606

03B-1

5 × 2.5mm

Sprockets
European Standard Series

SPROCKETS 6 × 2.8mm

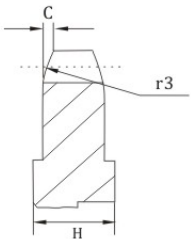
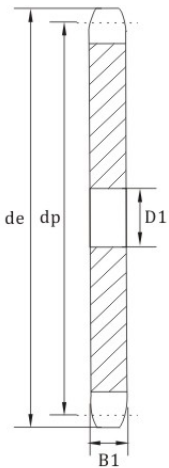
For Chain Acc. to DIN 8187

ISO/R 606

04B-1

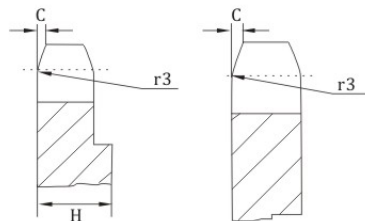
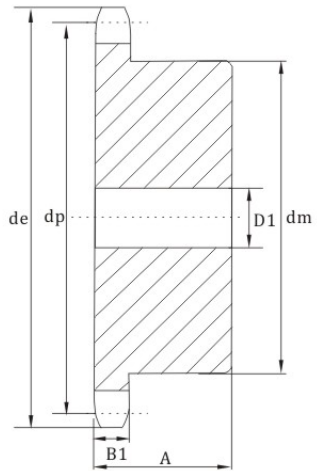
6 × 2.8mm

Z	d _e	d _p	S	
			D _i	W
8	15.2	13.06	4	0.01
9	16.8	14.62	4	0.01
10	18.3	16.18	4	0.01
11	19.9	17.75	5	0.01
12	21.5	19.32	5	0.01
13	23.0	20.89	5	0.01
14	24.6	22.47	5	0.01
15	26.2	24.04	5	0.01
16	27.8	25.63	6	0.01
17	29.4	27.20	6	0.01
18	30.9	28.79	6	0.01
19	32.5	30.38	6	0.01
20	34.1	31.96	6	0.01
21	35.7	33.54	8	0.02
22	37.3	35.13	8	0.02
23	38.9	36.72	8	0.02
24	40.5	38.30	8	0.02
25	42.0	39.89	8	0.02
26	43.6	41.48	8	0.02
27	45.2	43.07	8	0.03
28	46.8	44.65	8	0.03
29	48.4	46.25	8	0.03
30	50.0	47.83	8	0.03
31	51.6	49.42	8	0.03
32	53.2	51.01	8	0.04
33	54.8	52.60	8	0.04
34	56.3	54.19	8	0.04
35	57.9	55.78	8	0.04
36	59.5	57.37	8	0.05
37	61.1	58.96	8	0.05
38	62.7	60.54	8	0.05
39	64.3	62.13	8	0.05
40	65.9	63.73	8	0.06
41	67.5	65.30	8	0.06
42	69.1	66.91	8	0.06
43	70.6	68.49	8	0.06
44	72.2	70.09	8	0.07
45	73.8	71.68	8	0.07
46	75.4	73.27	8	0.07
47	77.0	74.86	8	0.08
48	78.6	76.45	8	0.08
49	80.2	78.03	8	0.08
50	81.8	79.63	8	0.09
51	83.4	81.22	10	0.09
52	85.0	82.81	10	0.09
53	86.6	84.40	10	0.10
54	88.1	85.97	10	0.10
55	89.7	87.58	10	0.10
56	91.3	89.17	10	0.11
57	92.9	90.76	10	0.11
58	94.5	92.35	10	0.11
59	96.1	93.94	10	0.12
60	97.7	95.53	10	0.12
62	100.9	98.72	12	0.13
64	104.1	101.90	12	0.14
65	105.6	103.49	12	0.14
66	107.2	105.08	12	0.15
68	110.4	108.26	12	0.16
70	113.6	111.44	12	0.16
72	116.8	114.63	12	0.17
75	121.6	119.20	12	0.19
76	123.1	120.99	12	0.19
78	126.3	124.17	12	0.20
80	129.5	127.35	12	0.21
85	137.5	135.31	14	0.24
90	145.4	143.27	14	0.27
95	153.4	151.22	14	0.30
100	161.3	159.18	14	0.33
110	177.2	175.09	14	0.40
114	183.6	181.45	14	0.43
120	193.2	191.01	14	0.48
125	201.1	198.96	14	0.52



PLATEWHEELS	mm
Tooth radius r _i	5
Radius width C	0.6
Tooth width B _i	2.3
CHAIN	mm
Pitch	5
Internal width	2.5
Roller Φ	3.2

H=4mm- From
Z=51 the width of the plate is increased



Z	d _e	d _p	SIMPLEX			
			d _m	D _i	A	W
8	18.0	15.67	9.8	5	10	0.01
9	19.9	17.54	11.5	5	10	0.01
10	21.7	19.42	13	6	10	0.01
11	23.6	21.30	14	6	10	0.10
12	25.4	23.18	16	6	10	0.02
13	27.3	25.05	18	8	10	0.02
14	29.2	26.96	20	8	10	0.03
15	31.0	28.86	20	8	10	0.03
16	33.0	30.76	20	8	13	0.03
17	35.0	32.65	20	8	13	0.04
18	36.9	34.55	20	8	13	0.04
19	38.8	36.44	20	8	13	0.04
20	40.7	38.34	20	8	13	0.04
21	42.6	40.25	25	8	13	0.06
22	44.5	42.16	25	8	13	0.06
23	46.4	44.06	25	8	13	0.07
24	48.3	45.96	25	8	13	0.07
25	50.2	47.87	25	8	13	0.08
26	52.1	49.76	30	8	15	0.10
27	54.0	51.67	30	8	15	0.11
28	55.9	53.58	30	8	15	0.11
29	57.8	55.50	30	8	15	0.11
30	59.8	57.42	30	8	15	0.12
31	61.7	59.31	30	8	15	0.12
32	63.6	61.21	30	8	15	0.12
33	65.5	63.11	30	8	15	0.13
34	67.4	65.02	30	8	15	0.13
35	69.3	66.93	30	8	15	0.14
36	71.2	68.84	30	8	15	0.14
37	73.1	70.75	30	8	15	0.14
38	75.0	72.66	30	8	15	0.15
39	76.9	74.57	30	8	15	0.15
40	78.9	76.47	30	8	15	0.16
41	80.8	78.38	40	8	18	0.24
42	82.7	80.28	40	8	18	0.24
43	84.7	82.20	40	8	18	0.25
44	86.6	84.10	40	8	18	0.25
45	88.5	86.01	40	8	18	0.26
46	90.4	87.92	40	8	18	0.26
47	92.3	89.83	40	8	18	0.27
48	94.2	91.74	40	8	18	0.27
49	96.1	93.64	40	8	18	0.28
50	98.0	95.55	40	8	18	0.29
51	99.9	97.46	40	8	18	0.29
52	101.8	99.37	40	8	18	0.30
53	103.7	101.27	40	8	18	0.30
54	105.6	103.17	40	8	18	0.31
55	107.6	105.08	40	8	18	0.31
56	109.5	107.00	40	8	18	0.32
57	111.4	108.93	40	8	18	0.33
58	113.3	110.82	50	8	20	0.44
59	115.2	112.71	50	8	20	0.45
60	117.1	114.62	50	8	20	0.45
62	120.9	118.45	50	8	20	0.47
64	124.7	122.27	50	8	20	0.48
65	126.6	124.18	50	8	20	0.49
66	128.5	126.09	50	8	20	0.50
68	132.4	129.91	50	8	20	0.51
70	136.2	133.73	50	8	20	0.53
72	140.0	137.55	50	8	20	0.54
75	145.7	143.28	50	8	20	0.57
76	147.6	145.19	50	8	20	0.58
78	151.5	149.01	70	8	30	1.11
80	155.3	152.82	70	8	30	1.13
85	164.8	162.37	70	8	30	1.18
90	174.4	171.92	70	8	30	1.23
95	183.9	181.47	70	8	30	1.28
100	193.5	191.01	70	8	30	1.33
110	212.6	210.11	70	8	30	1.45
114	220.2	217.75	70	8	30	1.50
120	231.7	229.20	70	8	30	1.57
125	241.2	238.75	70	8	30	1.64

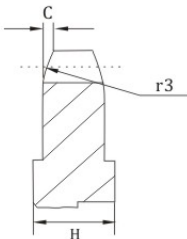
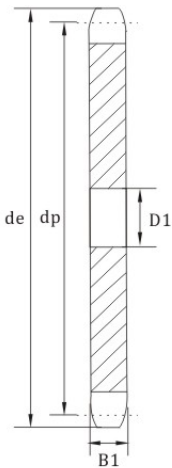
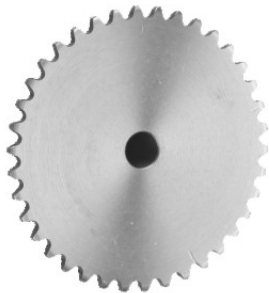
SPROCKETS	mm
Tooth radius r _i	6
Radius width C	0.7
Tooth width B _i	2.6
CHAIN	mm
Pitch	6
Internal width	2.8
Roller Φ	4
H=4mm- From	
Z=66 the width of the plate is increased	

Sprockets
European Standard Series

6 × 2.8mm

SPROCKETS 6 × 2.8mm For Chain Acc. to DIN 8187 ISO/R 606 04B-1

Z	d _e	d _p	S	
			D ₁	W
8	18.0	15.67	5	0.01
9	19.9	17.54	5	0.01
10	21.7	19.42	6	0.01
11	23.6	21.30	6	0.01
12	25.4	23.18	6	0.01
13	27.3	25.05	8	0.01
14	29.2	26.96	8	0.01
15	31.0	28.86	8	0.01
16	33.0	30.76	8	0.02
17	35.0	32.65	8	0.02
18	36.9	34.55	8	0.02
19	38.8	36.44	8	0.02
20	40.7	38.34	8	0.02
21	42.6	40.25	8	0.03
22	44.5	42.16	8	0.03
23	46.4	44.06	8	0.03
24	48.3	45.96	8	0.03
25	50.2	47.87	8	0.04
26	52.1	49.76	8	0.04
27	54.0	51.67	8	0.04
28	55.9	53.58	8	0.05
29	57.8	55.50	8	0.05
30	59.8	57.42	8	0.05
31	61.7	59.31	8	0.05
32	63.6	61.21	8	0.06
33	65.5	63.11	8	0.06
34	67.4	65.02	8	0.07
35	69.3	66.93	8	0.07
36	71.2	68.84	8	0.07
37	73.1	70.75	8	0.08
38	75.0	72.66	8	0.08
39	76.9	74.57	8	0.09
40	78.9	76.47	8	0.09
41	80.8	78.38	10	0.09
42	82.7	80.28	10	0.10
43	84.7	82.19	10	0.10
44	86.6	84.10	10	0.11
45	88.5	86.01	10	0.11
46	90.4	87.92	10	0.12
47	92.3	89.93	10	0.12
48	94.2	91.74	10	0.13
49	96.1	93.64	10	0.13
50	98.0	95.55	10	0.14
51	99.9	97.46	12	0.14
52	101.8	99.37	12	0.15
53	103.7	101.27	12	0.16
54	105.6	103.17	12	0.16
55	107.6	105.08	12	0.17
56	109.5	107.00	12	0.17
57	111.4	108.93	12	0.18
58	113.3	110.82	12	0.19
59	115.2	112.71	12	0.19
60	117.1	114.62	12	0.20
62	120.9	118.45	14	0.21
64	124.7	122.27	14	0.22
65	126.6	124.18	14	0.23
66	128.5	126.09	14	0.24
68	132.4	129.91	14	0.25
70	136.2	133.73	14	0.27
72	140.0	137.55	16	0.28
75	145.7	143.28	16	0.31
76	147.6	145.19	16	0.31
78	151.5	149.01	16	0.33
80	155.3	152.82	16	0.35
85	164.8	162.37	16	0.39
90	174.4	171.92	16	0.44
95	183.9	181.47	16	0.49
100	193.5	191.01	16	0.54
110	212.6	210.11	16	0.65
114	220.2	217.75	16	0.70
120	231.7	229.20	16	0.78
125	241.2	238.75	16	0.84



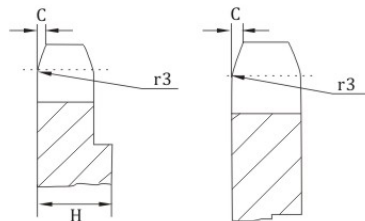
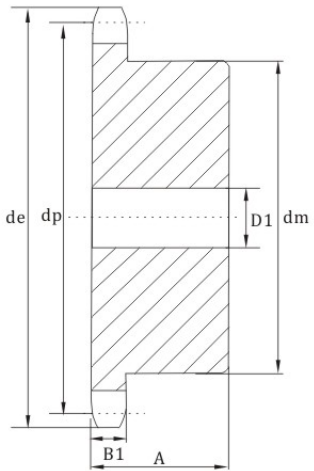
PLATEWHEELS	mm
Tooth radius r _i	6
Radius width C	0.7
Tooth width B _i	2.6
CHAIN	mm
Pitch	6
Internal width	2.8
Roller Φ	4
H=4mm- From	
Z=51 the width of the plate is increased	

Sprockets
European Standard Series

1/4" × 1/8"

SPROCKETS 1/4" × 1/8" For Chain Acc. to DIN 8187 ISO/R 606 ASA25

Z	de	dp	SIMPLEX			
			dm	D1	A	W
8	19.4	16.58	10	6	12	
9	21.4	18.56	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	16	
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	62.76	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	151.68	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	252.68	70	10	30	



SPROCKETS	mm
Tooth radius r _i	6.4
Radius width C	0.7
Tooth width B _i	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	

Sprockets
European Standard Series

1/4" × 1/8"

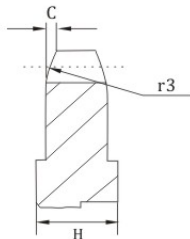
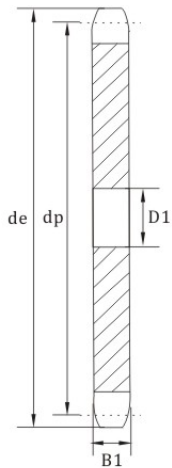
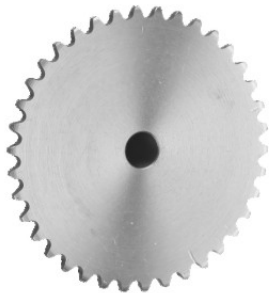
PLATEWHEELS 1/4" × 1/8"

For Chain Acc. to DIN 8187

ISO/R 606

ASA25

Z	d _e	d _p	S	
			D ₁	W
8	19.4	16.58	6	
9	21.4	18.56	6	
10	23.3	20.55	6	
11	25.3	22.54	8	
12	27.3	24.53	8	
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	10	
32	67.6	64.78	10	
33	69.6	66.80	10	
34	71.6	68.82	10	
35	73.6	70.84	10	
36	75.6	72.85	10	
37	77.7	74.87	10	
38	79.7	76.89	10	
39	81.7	78.91	10	
40	83.7	80.93	10	
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	12	
64	132.2	129.41	12	
65	134.2	131.43	12	
66	136.2	133.45	14	
68	140.3	137.49	14	
70	144.3	141.53	14	
72	148.4	145.58	14	
75	154.4	151.63	14	
76	156.5	153.66	14	
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	252.68	16	



PLATEWHEELS	mm
Tooth radius r _i	6.4
Radius width C	0.7
Tooth width B _i	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	

Sprockets
European Standard Series

8 × 3mm

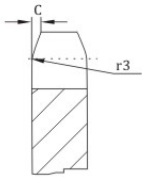
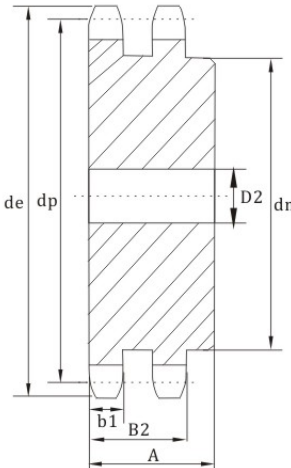
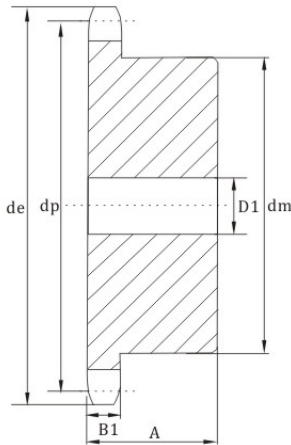
SPROCKETS 8 × 3mm

For Chain Acc. to DIN 8187

ISO/R 606

05B-1-2

Z	d _e	d _p	SIMPLEX				DUPLEX			
			d _m	D ₁	A	W	d _m	D ₂	A	W
8	24.0	20.90	13	6	12	0.01	12	8	18	0.02
9	26.6	23.39	15	6	12	0.02	15	8	18	0.03
10	29.2	25.89	17	8	12	0.02	17	8	18	0.03
11	31.7	28.39	18	8	13	0.03	19	8	18	0.04
12	34.2	30.91	20	8	13	0.04	21	8	18	0.05
13	36.7	33.42	23	8	13	0.05	24	8	18	0.07
14	39.2	35.95	25	8	13	0.05	26	8	18	0.08
15	41.7	38.48	28	8	13	0.07	29	8	18	0.10
16	44.3	41.01	30	8	14	0.08	32	10	20	0.13
17	46.8	43.53	30	8	14	0.09	34	10	20	0.15
18	49.3	46.07	30	8	14	0.10	37	10	20	0.17
19	51.9	48.61	30	8	14	0.10	39	10	20	0.20
20	54.4	51.14	30	8	14	0.11	40	10	20	0.21
21	57.0	53.68	35	8	14	0.13	40	10	20	0.25
22	59.5	56.21	35	8	14	0.14	40	10	20	0.26
23	62.0	58.75	35	8	14	0.14	40	10	20	0.28
24	64.6	61.29	35	8	14	0.15	40	10	20	0.31
25	67.5	63.83	35	8	14	0.15	40	10	20	0.32
26	69.5	66.37	40	10	16	0.20	50	12	22	0.38
27	72.2	68.91	40	10	16	0.21	50	12	22	0.40
28	74.8	71.45	40	10	16	0.21	50	12	22	0.41
29	77.3	73.99	40	10	16	0.22	50	12	22	0.43
30	79.8	76.53	40	10	16	0.22	50	12	22	0.45
31	82.4	79.08	40	10	16	0.23	60	12	22	0.50
32	84.9	81.61	40	10	16	0.24	60	12	22	0.59
33	87.5	84.16	40	10	16	0.24	60	12	22	0.62
34	90.0	86.70	40	10	16	0.25	60	12	22	0.64
35	92.5	89.25	40	10	16	0.26	60	12	22	0.66
36	95.0	91.79	40	10	16	0.27	60	12	22	0.68
37	97.6	94.33	40	10	16	0.27	60	12	22	0.70
38	100.2	96.88	40	10	16	0.28	60	12	22	0.72
39	102.7	99.42	40	10	16	0.29	60	12	22	0.75
40	105.3	101.97	40	10	16	0.30	60	12	22	0.77
41	107.8	104.51	58	10	20	0.52	78	12	38	1.51
42	110.4	107.05	58	10	20	0.53	78	12	38	1.54
43	112.9	109.60	58	10	20	0.54	78	12	38	1.56
44	115.5	112.14	58	10	20	0.55	78	12	38	1.59
45	118.0	114.69	58	10	20	0.56	78	12	38	1.62
46	120.6	117.23	58	10	20	0.57	78	12	38	1.65
47	123.1	119.77	58	10	20	0.58	78	12	38	1.67
48	125.6	122.32	58	10	20	0.59	78	12	38	1.70
49	128.2	124.86	58	10	20	0.60	78	12	38	1.73
50	130.7	127.41	58	10	20	0.61	78	12	38	1.76
51	133.3	129.95	78	10	20	0.89	78	12	38	1.79
52	135.8	132.49	78	10	20	0.90	78	12	38	1.82
53	138.4	135.04	78	10	20	0.91	78	12	38	1.85
54	140.9	137.59	78	10	20	0.92	78	12	38	1.89
55	143.5	140.13	78	10	20	0.93	78	12	38	1.92
56	146.0	142.68	78	10	20	0.94	78	12	38	1.95
57	148.6	145.22	78	10	20	0.96	78	12	38	1.99
58	151.0	147.77	78	10	34	1.46	78	12	38	2.02
59	153.6	150.31	78	10	34	1.47	78	12	38	2.06
60	156.2	152.86	78	10	34	1.48	78	12	38	2.09
62	162.0	157.95	78	10	34	1.51	78	12	38	2.18
64	167.1	163.04	78	10	34	1.54	78	12	38	2.25
65	169.6	165.58	78	10	34	1.55	78	12	38	2.29
66	172.2	168.13	78	10	34	1.57	78	12	38	2.33
68	177.3	173.22	78	10	34	1.60	78	12	38	2.41
70	182.4	178.31	78	10	34	1.63	78	12	38	2.49
72	187.5	183.40	78	10	34	1.66	78	12	38	2.58
75	195.1	191.04	78	10	34	1.70	78	12	38	2.71
76	197.7	193.59	78	10	34	1.72	78	12	38	2.76
78	202.8	198.68	*78	10	34	1.75	*78	12	38	2.85
80	207.9	203.77	*78	10	34	1.79	*78	12	38	2.95
85	220.6	216.50	*78	10	34	1.87	*88	12	43	3.67
90	233.4	229.23	*78	10	34	1.97	*88	12	43	3.94
95	246.1	241.96	*78	10	34	2.07	*88	12	43	4.21
100	258.9	254.68	*78	10	34	2.17	*88	12	43	4.50
110	284.3	280.15	*88	10	39	2.91	*88	12	43	5.13
114	294.5	290.33	*88	10	39	3.01	*88	12	43	5.40
120	310.0	305.61	*88	10	39	3.16	*88	12	43	5.82
125	322.5	318.34	*88	10	39	3.28	*88	12	43	6.18



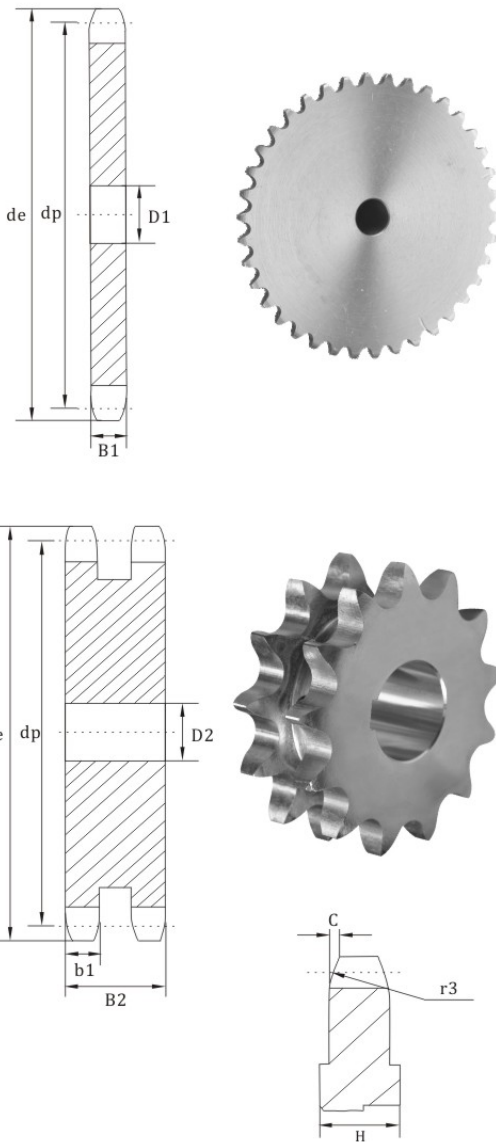
SPROCKETS	mm
Tooth radius r _i	8
Radius width C	1.0
Tooth width B _i	2.8
Tooth width b _i	2.7
Tooth width B ₂	8.3
CHAIN	mm
Pitch	8
Internal width	3
Roller Φ	5
Meterial: C45 *Weld- on hub	

Sprockets
European Standard Series

8 × 3mm

SPROCKETS 8 × 3mm For Chain Acc. to DIN 8187 ISO/R 606 05B-1-2

Z	d _e	d _p	S		D	
			D ₁	W	D ₂	W
8	24.0	20.90	6	0.01	8	0.01
9	26.6	23.39	6	0.01	8	0.01
10	29.2	25.89	8	0.01	8	0.02
11	31.7	28.39	8	0.02	8	0.02
12	34.2	30.91	8	0.02	8	0.03
13	36.7	33.42	8	0.02	8	0.04
14	39.2	35.95	8	0.02	8	0.05
15	41.7	38.48	8	0.03	8	0.06
16	44.3	41.01	8	0.03	10	0.07
17	46.8	43.53	8	0.03	10	0.08
18	49.3	46.07	8	0.04	10	0.09
19	51.9	48.61	8	0.04	10	0.10
20	54.4	51.14	8	0.05	10	0.12
21	57.0	53.68	8	0.05	10	0.13
22	59.5	56.21	8	0.06	10	0.14
23	62.0	58.75	8	0.06	10	0.16
24	64.6	61.29	8	0.06	10	0.17
25	67.5	63.83	8	0.07	10	0.18
26	69.5	66.37	10	0.08	12	0.18
27	72.2	68.91	10	0.08	12	0.20
28	74.8	71.45	10	0.09	12	0.22
29	77.3	73.99	10	0.09	12	0.24
30	79.8	76.53	10	0.10	12	0.25
31	82.4	79.08	10	0.11	12	0.27
32	84.9	81.61	10	0.11	12	0.29
33	87.5	84.16	10	0.12	12	0.32
34	90.0	86.70	10	0.13	12	0.34
35	92.5	89.25	10	0.13	12	0.36
36	95.0	91.79	10	0.14	12	0.38
37	97.6	94.33	10	0.15	12	0.40
38	100.2	96.88	10	0.16	12	0.42
39	102.7	99.42	10	0.16	12	0.45
40	105.3	101.97	10	0.17	12	0.47
41	107.8	104.51	12	0.18	14	0.49
42	110.4	107.05	12	0.19	14	0.53
43	112.9	109.60	12	0.20	14	0.55
44	115.5	112.14	12	0.21	14	0.58
45	118.0	114.69	12	0.22	14	0.61
46	120.6	117.23	12	0.23	14	0.63
47	123.1	119.77	12	0.24	14	0.66
48	125.6	122.32	12	0.25	14	0.69
49	128.2	124.86	12	0.26	14	0.72
50	130.7	127.41	12	0.27	14	0.76
51	133.3	129.95	14	0.28	16	0.79
52	135.8	132.49	14	0.29	16	0.82
53	138.4	135.04	14	0.30	16	0.85
54	140.9	137.59	14	0.31	16	0.88
55	143.5	140.13	14	0.32	16	0.92
56	146.0	142.68	14	0.33	16	0.96
57	148.6	145.22	14	0.34	16	1.00
58	151.0	147.77	14	0.35	16	1.03
59	153.6	150.31	14	0.37	16	1.06
60	156.2	152.86	14	0.38	16	1.10
62	162.0	157.95	16	0.41	20	1.18
64	167.1	163.04	16	0.43	20	1.26
65	169.6	165.58	16	0.45	20	1.30
66	172.2	168.13	16	0.46	20	1.37
68	177.3	173.22	16	0.49	20	1.45
70	182.4	178.31	16	0.52	20	1.53
72	187.5	183.40	20	0.55	20	1.62
75	195.1	191.04	20	0.59	20	1.75
76	197.7	193.59	20	0.61	20	1.80
78	202.8	198.68	20	0.64	20	1.90
80	207.9	203.77	20	0.67	20	1.99
85	220.6	216.50	20	0.76	20	2.29
90	233.4	229.23	20	0.85	20	2.57
95	246.1	241.96	20	0.94	20	2.85
100	258.9	254.68	20	1.04	20	3.16
110	284.3	280.15	20	1.26	20	3.81
114	294.5	290.33	20	1.35	20	4.09
120	310.0	305.61	20	1.49	20	4.53
125	322.5	318.34	20	1.62	20	4.90



PLATEWHEELS	mm
Tooth radius r ₃	8
Radius width C	1.0
Tooth width B ₁	2.8
Tooth width b ₁	2.7
Tooth width B ₂	8.3
CHAIN	mm
Pitch	8
Internal width	3
Roller Φ	5
H=4mm- From Z=46	
the width of the plate is increased	

Sprockets
European Standard Series

3/8" × 7/32"

SPROCKETS 3/8" × 7/32" For Chain Acc. to DIN 8187 ISO/R 606 06B-1-2-3

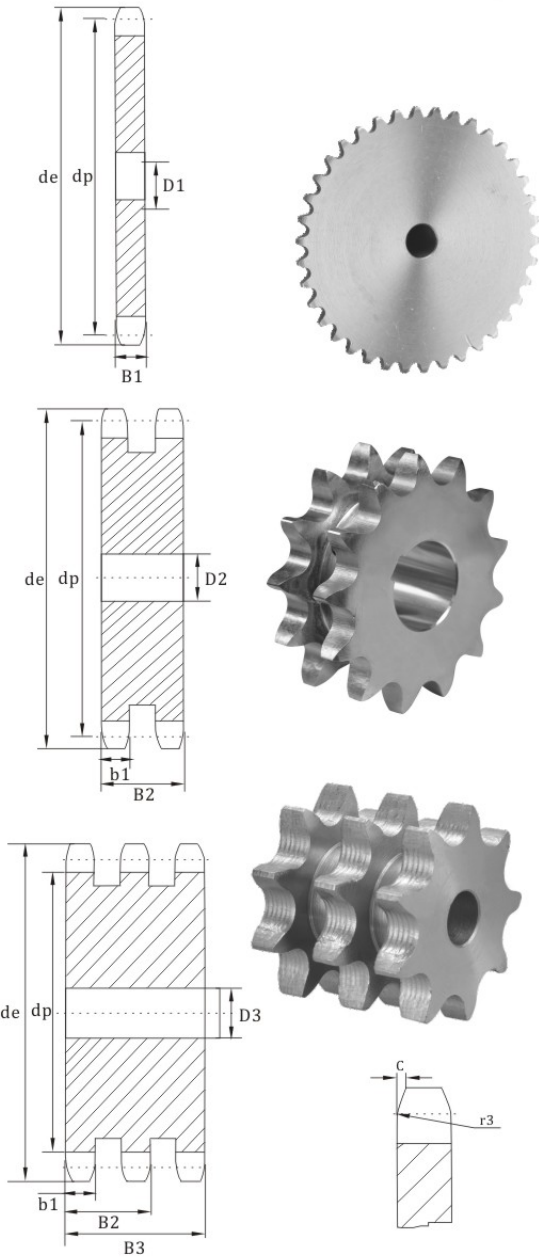
Z	d _e	d _p	SIMPLEX				DUPLEX				TRIPLEX			
			d _m	D ₁	A	W	d _m	D ₂	A	W	d _m	D ₃	A	W
8	28.0	24.89	15	8	20	0.03	15	8	22	0.04	15	8	32	0.05
9	31.0	27.85	18	8	20	0.04	18	8	22	0.05	18	8	32	0.07
10	34.0	30.82	20	8	20	0.05	20	8	22	0.07	20	10	32	0.09
11	37.0	33.80	22	8	25	0.08	22	10	25	0.10	22	10	35	0.11
12	40.0	36.80	25	8	25	0.10	25	10	25	0.13	25	10	35	0.15
13	43.0	39.79	28	10	25	0.13	28	10	25	0.16	28	10	35	0.19
14	46.3	42.80	31	10	25	0.16	31	10	25	0.20	31	12	35	0.23
15	49.3	45.81	34	10	25	0.19	34	10	25	0.24	34	12	35	0.28
16	52.3	48.82	37	10	28	0.24	37	12	30	0.27	37	12	35	0.33
17	55.3	51.83	40	10	28	0.28	40	12	30	0.32	40	12	35	0.39
18	58.3	54.85	43	10	28	0.33	43	12	30	0.38	43	12	35	0.45
19	61.3	57.87	45	10	28	0.36	46	12	30	0.42	46	12	35	0.51
20	64.3	60.89	46	10	28	0.39	49	12	30	0.48	49	12	35	0.58
21	68.0	63.91	48	12	28	0.42	52	12	30	0.52	52	14	40	0.70
22	71.0	66.93	50	12	28	0.46	55	12	30	0.58	55	14	40	0.78
23	73.5	69.95	52	12	28	0.49	58	12	30	0.64	58	14	40	0.87
24	77.0	72.97	54	12	28	0.54	61	12	30	0.71	61	14	40	0.97
25	80.0	76.02	57	12	28	0.60	64	12	30	0.79	64	14	40	1.06
26	83.0	79.02	60	12	28	0.66	67	12	30	0.87	67	14	40	1.17
27	86.0	82.05	60	12	28	0.67	70	12	30	0.94	70	14	40	1.27
28	89.0	85.07	60	12	28	0.69	73	12	30	1.03	73	14	40	1.39
29	92.0	88.09	60	12	28	0.70	76	12	30	1.11	76	14	40	1.50
30	94.7	91.12	60	12	28	0.72	79	12	30	1.20	79	14	40	1.62
31	98.3	94.15	65	14	30	0.87	80	16	30	1.27	80	16	40	1.72
32	101.3	97.17	65	14	30	0.89	80	16	30	1.32	80	16	40	1.80
33	104.3	100.20	65	14	30	0.91	80	16	30	1.37	80	16	40	1.89
34	107.3	103.23	65	14	30	0.92	80	16	30	1.43	85	16	40	2.06
35	110.4	106.26	65	14	30	0.95	80	16	30	1.49	85	16	40	2.15
36	113.4	109.29	70	14	30	1.05	90	16	30	1.70	90	16	40	2.33
37	116.4	112.32	70	14	30	1.09	90	16	30	1.76	90	16	40	2.55
38	119.5	115.35	70	14	30	1.10	90	16	30	1.81	90	16	40	2.65
39	122.5	118.37	70	14	30	1.12	90	16	30	1.88	90	16	40	2.75
40	125.5	121.40	70	14	30	1.14	90	16	30	1.95	90	16	40	2.86
41	128.5	124.43	78	14	32	1.44	90	16	40	2.43	90	16	56	3.62
42	131.6	127.46	78	14	32	1.56	90	16	40	2.49	90	16	56	3.71
43	134.6	130.49	78	14	32	1.60	90	16	40	2.56	90	16	56	3.82
44	137.6	133.52	78	14	32	1.64	90	16	40	2.63	90	16	56	3.94
45	140.7	136.55	78	14	32	1.66	90	16	40	2.70	90	16	56	4.06
46	143.7	139.58	78	14	32	1.67	90	16	40	2.77	90	16	56	4.17
47	146.7	142.61	78	14	32	1.71	90	16	40	2.85	90	16	56	4.29
48	149.7	145.64	78	14	32	1.74	90	16	40	2.93	90	16	56	4.42
49	152.7	148.66	78	14	32	1.78	90	16	40	3.00	90	16	56	4.54
50	155.7	151.69	78	14	32	1.80	90	16	40	3.08	90	16	56	4.67
51	158.7	154.72	78	14	32	1.82	90	16	40	3.16	90	16	56	4.80
52	161.8	157.75	78	14	32	1.84	90	16	40	3.24	90	16	56	4.94
53	164.8	160.78	78	14	32	1.86	90	16	40	3.33	90	16	56	5.07
54	167.8	163.82	78	14	32	1.87	90	16	40	3.42	90	16	56	5.21
55	170.8	166.85	78	14	32	1.89	90	16	40	3.50	90	16	56	5.35
56	173.8	169.88	78	14	32	1.92	90	16	40	3.59	90	16	56	5.49
57	176.9	172.91	78	14	32	1.96	90	16	40	3.68	90	16	56	5.72
58	179.9	175.93	78	14	32	1.97	90	16	40	3.77	90	16	56	5.87
59	183.0	178.96	78	14	32	1.99	90	16	40	3.87	90	16	56	6.02
60	186.0	181.99	78	14	32	2.03	90	16	40	3.96	90	16	56	6.18
62	192.1	188.06	78	14	32	2.06	90	16	40	4.15	90	16	56	6.50
64	198.2	194.12	78	14	32	2.13	90	16	40	4.36	90	16	56	6.83
65	201.6	197.15	78	14	32	2.17	90	16	40	4.60	90	16	56	7.16
66	204.6	200.18	78	14	32	2.21	90	16	40	4.71	90	16	56	7.34
68	210.7	206.24	78	14	32	2.29	90	16	40	4.93	90	16	56	7.70
70	216.7	212.30	78	14	32	2.36	90	16	40	5.15	90	16	56	8.06
72	222.8	218.37	78	14	32	2.45	90	16	40	5.38	90	16	56	8.45
75	231.9	227.46	78	14	32	2.57	90	16	40	5.74	90	16	56	9.03
76	234.9	230.49	78	14	32	2.67	90	16	40	5.86	90	16	56	9.24
78	241.0	236.55	78	14	32	2.70	90	16	40	6.12	90	16	56	9.64
80	247.1	242.61	78	14	32	2.79	90	16	40	6.38	90	16	56	10.06
85	262.2	257.77	80	14	32	3.08	90	16	40	7.24	90	16	56	11.37
90	277.4	272.93	80	14	32	3.33	90	16	40	7.97	90	16	56	12.56
95	292.5	288.08	80	14	32	3.59	90	16	40	8.75	90	16	56	13.79
100	307.7	303.25	80	14	32	3.87	90	16	40	9.56	90	16	56	15.11
110	338.0	333.55	80	14	32	4.46	90	16	40	11.30	90	16	56	17.92
114	349.5	345.68	80	14	32	4.70	90	16	40	12.01	90	16	56	19.05
120	368.3	363.86	80	14	32	5.11	90	16	40	13.97	90	16	56	21.82
125	383.5	379.02	80	14	32	5.46	90	16	40	15.04	90	16	56	23.55

Sprockets
European Standard Series

3/8" × 7/32"

SPROCKETS 3/8" × 7/32" For Chain Acc. to DIN 8187 ISO/R 606 06B-1-2-3

Z	d _e	d _p	S		D		T	
			D ₁	W	D ₂	W	D ₃	W
8	28.0	24.89	6	0.02	8	0.03	8	0.04
9	31.0	27.85	8	0.02	8	0.04	8	0.06
10	34.0	30.82	8	0.02	8	0.05	10	0.08
11	37.0	33.80	8	0.03	10	0.06	10	0.09
12	40.0	36.80	8	0.03	10	0.08	10	0.12
13	43.0	39.79	8	0.04	10	0.10	10	0.15
14	46.3	42.80	8	0.04	10	0.12	12	0.18
15	49.3	45.81	8	0.06	10	0.14	12	0.22
16	52.3	48.82	10	0.07	12	0.16	12	0.26
17	55.3	51.83	10	0.08	12	0.19	12	0.30
18	58.3	54.85	10	0.09	12	0.21	12	0.35
19	61.3	57.87	10	0.10	12	0.24	12	0.39
20	64.3	60.89	10	0.11	12	0.27	12	0.44
21	68.0	63.91	10	0.13	12	0.30	14	0.48
22	71.0	66.93	10	0.14	12	0.34	14	0.54
23	73.5	69.95	10	0.15	12	0.37	14	0.59
24	77.0	72.97	10	0.16	12	0.41	14	0.66
25	80.0	76.02	10	0.18	12	0.45	14	0.72
26	83.0	79.02	10	0.19	12	0.48	14	0.79
27	86.0	82.02	10	0.21	12	0.53	14	0.86
28	89.0	85.07	10	0.22	12	0.57	14	0.93
29	92.0	88.09	10	0.24	12	0.62	14	1.01
30	94.7	91.12	10	0.25	12	0.66	14	1.09
31	98.3	94.15	12	0.27	14	0.71	16	1.17
32	101.3	97.17	12	0.29	14	0.77	16	1.26
33	104.3	100.20	12	0.30	14	0.82	16	1.36
34	107.3	103.23	12	0.32	14	0.87	16	1.44
35	110.4	106.26	12	0.34	14	0.93	16	1.53
36	113.4	109.29	12	0.36	14	0.98	16	1.61
37	116.4	112.32	12	0.38	14	1.06	16	1.73
38	119.5	115.35	12	0.40	14	1.11	16	1.83
39	122.5	118.37	12	0.42	14	1.17	16	1.92
40	125.5	121.40	12	0.45	14	1.23	16	2.02
41	128.5	124.43	16	0.48	16	1.29	16	2.14
42	131.6	127.46	16	0.50	16	1.35	16	2.24
43	134.6	130.49	16	0.52	16	1.45	16	2.38
44	137.6	133.52	16	0.54	16	1.51	16	2.48
45	140.7	136.55	16	0.57	16	1.58	16	2.60
46	143.7	139.58	16	0.59	16	1.67	16	2.74
47	146.7	142.61	16	0.62	16	1.74	16	2.86
48	149.7	145.64	16	0.64	16	1.81	16	2.97
49	152.7	148.66	16	0.67	16	1.88	16	3.13
50	155.7	151.69	16	0.70	16	1.96	16	3.25
51	158.7	154.72	16	0.72	16	2.06	20	3.46
52	161.8	157.75	16	0.75	16	2.14	20	3.60
53	164.8	160.78	16	0.78	16	2.22	20	3.73
54	167.8	163.82	16	0.81	16	2.33	20	3.87
55	170.8	166.85	16	0.84	16	2.41	20	4.01
56	173.8	169.88	16	0.87	16	2.50	20	4.15
57	176.9	172.91	16	0.90	16	2.62	20	4.30
58	179.9	175.93	16	0.93	16	2.71	20	4.45
59	183.0	178.96	16	0.96	16	2.80	20	4.60
60	186.0	181.99	16	1.00	16	2.89	20	4.75
62	192.1	188.06	20	1.06	20	3.09	20	5.13
64	198.2	194.12	20	1.13	20	3.28	20	5.46
65	201.6	197.15	20	1.17	20	3.40	20	5.65
66	204.6	200.18	20	1.20	20	3.54	25	5.82
68	210.7	206.24	20	1.28	20	3.75	25	6.24
70	216.7	212.30	20	1.35	20	3.97	25	6.60
72	222.8	218.37	20	1.43	20	4.20	25	6.98
75	231.9	227.46	20	1.55	20	4.55	25	7.64
76	234.9	230.49	20	1.59	20	4.67	25	7.84
78	241.0	236.55	20	1.67	20	4.97	25	8.35
80	247.1	242.61	20	1.76	20	5.22	25	8.78
85	262.2	257.77	20	1.98	20	5.94	25	9.88
90	277.4	272.93	20	2.21	20	6.71	25	11.06
95	292.5	288.08	20	2.46	20	7.50	25	12.30
100	307.7	303.25	20	2.72	20	8.34	25	13.61
110	338.0	333.55	20	3.29	20	10.14	25	16.60
114	349.5	345.68	20	3.52	20	10.90	25	17.75
120	368.3	363.86	20	3.90	20	12.11	25	19.93
125	383.5	379.02	20	4.23	20	13.16	25	21.60



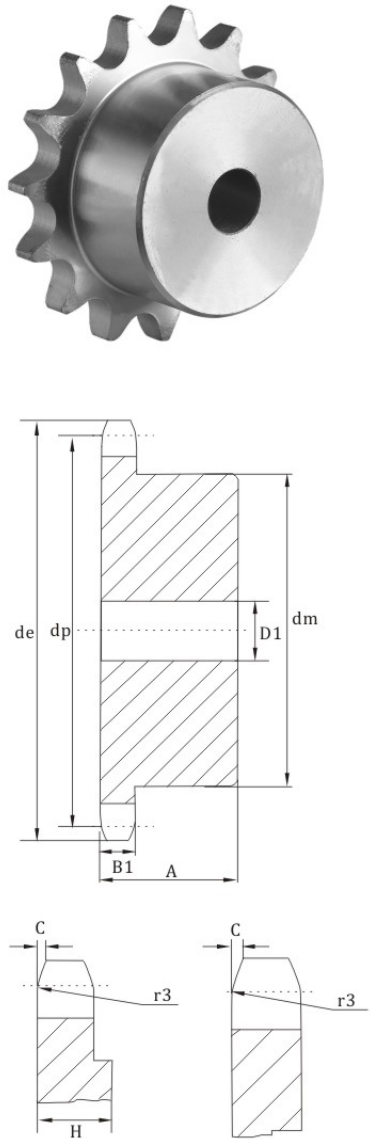
PLATEWHEELS	mm
Tooth radius r ₃	10
Radius width C	1
Tooth width B ₁	5.3
Tooth width b ₁	5.2
Tooth width B ₂	15.4
Tooth width B ₃	25.6
CHAIN	mm
Pitch	9.525
Internal width	5.72
Roller Φ	6.35
H=7mm- From	
Z=100 the width of the plate is increased	

Sprockets
European Standard Series

1/2" × 1/8"

SPROCKETS 1/2" × 1/8" For Chain Acc. to DIN 8187 ISO/R 606 081B-1

Z	d _e	d _p	SIMPLEX			
			d _m	D ₁	A	W
8	37.2	33.18	21	8	14	0.04
9	41.5	37.13	25	8	14	0.06
10	46.2	41.10	28	8	14	0.07
11	49.6	45.07	31	8	16	0.10
12	53.9	49.07	35	8	16	0.13
13	58.4	53.06	39	8	16	0.16
14	62.8	57.07	43	8	16	0.19
15	66.8	61.09	47	8	16	0.23
16	70.9	65.10	50	10	18	0.29
17	74.9	69.11	50	10	18	0.30
18	78.9	73.14	50	10	18	0.31
19	82.9	77.16	50	10	18	0.32
20	86.9	81.19	50	10	18	0.33
21	91.0	85.22	60	12	20	0.48
22	95.0	89.24	60	12	20	0.49
23	99.0	93.27	60	12	20	0.51
24	103.0	97.29	60	12	20	0.52
25	107.1	101.33	60	12	20	0.53
26	111.2	105.36	70	16	20	0.67
27	115.4	109.40	70	16	20	0.69
28	119.4	113.42	70	16	20	0.70
29	123.4	117.46	70	16	20	0.72
30	127.5	121.50	70	16	20	0.74
31	131.5	125.54	70	16	20	0.76
32	135.5	129.56	70	16	20	0.77
33	139.6	133.60	70	16	20	0.79
34	143.6	137.64	70	16	20	0.81
35	147.6	141.68	70	16	20	0.83
36	151.7	145.72	70	16	25	1.00
37	155.7	149.76	70	16	25	1.02
38	159.8	153.80	70	16	25	1.04
39	163.8	157.83	70	16	25	1.06
40	167.8	161.87	70	16	25	1.09
41	171.4	165.91	78	16	32	1.40
42	175.4	169.95	78	16	32	1.44
43	179.5	173.99	78	16	32	1.47
44	183.5	178.03	78	16	32	1.50
45	187.5	182.07	78	16	32	1.54
46	191.6	186.10	78	16	32	1.57
47	195.6	190.14	78	16	32	1.61
48	199.7	194.18	78	16	32	1.65
49	203.7	198.22	*78	16	32	1.68
50	207.8	202.26	*78	16	32	1.72
51	211.8	206.30	*78	16	32	1.76
52	215.9	210.34	*78	16	32	1.80
53	219.9	214.37	*78	16	32	1.84
54	224.0	218.43	*78	16	32	1.88
55	228.0	222.46	*78	16	32	1.92
56	232.1	226.50	*78	16	32	1.97
57	236.1	230.54	*78	16	32	2.01
58	240.2	234.58	*78	16	32	2.05
59	244.2	238.62	*78	16	32	2.10
60	248.2	242.66	*78	16	32	2.14
62	256.7	250.75	*78	16	32	2.24
64	264.8	258.82	*78	16	32	2.34
65	268.8	262.86	*78	16	32	2.39
66	272.9	266.90	*78	16	32	2.44
68	280.9	274.99	*78	16	32	2.54
70	289.0	283.07	*78	16	32	2.64
72	297.1	291.16	*78	16	32	2.75
76	313.3	307.33	*78	16	32	2.96
78	321.4	315.40	*78	16	32	3.10
80	329.4	323.48	*78	16	32	3.21
85	349.7	343.70	*80	16	32	3.56
90	369.9	363.90	*80	16	32	3.90
95	390.1	384.10	*80	16	32	6.51
100	410.3	404.31	*80	16	32	7.10
110	450.7	444.74	*80	16	32	8.36
114	466.9	460.90	*80	16	32	8.90
120	491.2	485.16	*80	16	32	9.74
125	511.4	505.37	*80	16	32	10.47



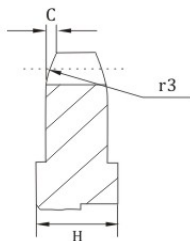
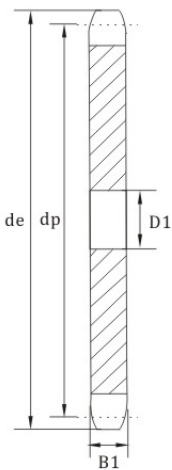
SPROCKETS	mm
Tooth radius r ₃	13
Radius width C	1.0
Tooth width B ₁	3
CHAIN	mm
Pitch	12.7
Internal width	3.3
Roller Φ	7.75
Material: C 45 *Weld- on hub	
H=5mm- From Z=31	
the width of the plate is increased	

Sprockets
European Standard Series

1/2" × 1/8"

PLATEWHEELS 1/2" × 1/8" For Chain Acc. to DIN 8187 ISO/R 606 081B-1

Z	d _e	d _p	S	
			D ₁	W
8	37.2	33.18	8	0.02
9	41.5	37.13	8	0.03
10	46.2	41.10	8	0.04
11	49.6	45.07	8	0.04
12	53.9	49.07	8	0.05
13	58.4	53.06	8	0.06
14	62.8	57.07	8	0.07
15	66.8	61.09	8	0.07
16	70.9	65.10	8	0.08
17	74.9	69.11	8	0.09
18	78.9	73.14	8	0.10
19	82.9	77.16	8	0.11
20	86.9	81.19	8	0.13
21	91.0	85.22	8	0.14
22	95.0	89.24	10	0.15
23	99.0	93.27	10	0.16
24	103.0	97.29	10	0.18
25	107.1	101.33	10	0.19
26	111.2	105.36	12	0.21
27	115.4	109.40	12	0.22
28	119.4	113.42	12	0.24
29	123.4	117.46	12	0.25
30	127.5	121.50	12	0.27
31	131.5	125.54	12	0.29
32	135.5	129.56	12	0.31
33	139.6	133.60	12	0.32
34	143.6	137.64	12	0.34
35	147.6	141.68	12	0.36
36	151.7	145.72	16	0.38
37	155.7	149.76	16	0.40
38	159.8	153.80	16	0.43
39	163.8	157.83	16	0.45
40	167.8	161.87	16	0.47
41	171.4	165.91	16	0.49
42	175.4	169.95	16	0.51
43	179.5	173.99	16	0.54
44	183.5	178.03	16	0.56
45	187.5	182.07	16	0.59
46	191.6	186.10	20	0.61
47	195.6	190.14	20	0.64
48	199.7	194.18	20	0.66
49	203.7	198.22	20	0.69
50	207.8	202.26	20	0.72
51	211.8	206.30	20	0.75
52	215.9	210.34	20	0.78
53	219.9	214.37	20	0.81
54	224.0	218.43	20	0.84
55	228.0	222.46	20	0.87
56	232.1	226.50	20	0.90
57	236.1	230.54	20	0.93
58	240.2	234.58	20	0.96
59	244.2	238.62	20	0.99
60	248.2	242.66	20	1.03
62	256.7	250.75	20	1.10
64	264.8	258.82	20	1.17
65	268.8	262.86	20	1.20
66	272.9	266.90	25	1.24
68	280.9	274.99	25	1.31
70	289.0	283.07	25	1.39
72	297.1	291.16	25	1.47
76	313.3	307.38	25	1.64
78	321.4	315.40	25	1.72
80	329.4	323.48	25	1.81
85	349.7	343.70	25	2.04
90	369.9	363.90	25	2.28
95	390.1	384.10	25	2.54
100	410.3	404.31	25	2.80
110	450.7	444.74	25	3.38
114	466.9	460.90	25	3.63
120	491.2	485.16	25	4.02
125	511.4	505.37	25	4.36



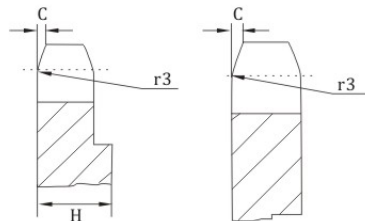
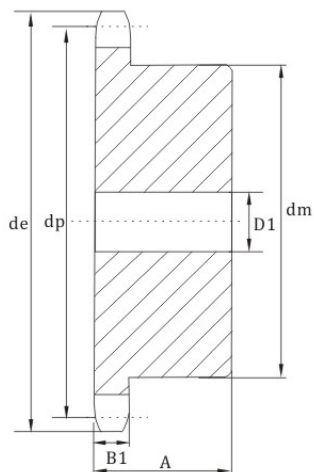
PLATEWHEELS	mm
Tooth radius r ₁	13
Radius width C	1.0
Tooth width B ₁	3
CHAIN	mm
Pitch	12.7
Internal width	3.3
Roller Φ	7.75
H=4mm- From	
Z=30 the width of the plate is increased	
H=6mm- From	
Z=90 the width of the plate is increased	

Sprockets
European Standard Series

1/2" × 3/16"

SPROCKETS 1/2" × 3/16" For Chain Acc. to DIN 8187 ISO/R 606 083B/084B-1

Z	d _e	d _p	SIMPLEX			
			d _m	D ₁	A	W
8	38.5	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	214.37	*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	307.38	*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	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 ₁	13
Radius width C	1.3
Tooth width B ₁	4.5
CHAIN	mm
Pitch	12.7
Internal width	4.88
Roller Φ	7.75
Material: C 45 *Weld- on hub	

Sprockets
European Standard Series

1/2" × 3/16"

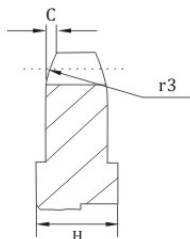
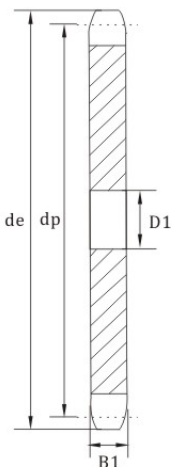
PLATEWHEELS 1/2" × 3/16"

For Chain Acc. to DIN 8187

ISO/R 606

083B/084B-1

Z	d _e	d _p	S	
			D ₁	W
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	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	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 _i	13
Radius width C	1.3
Tooth width B _i	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	

Sprockets
European Standard Series

1/2" × 1/4" Roller 7.75

SPROCKETS 1/2" × 1/4"

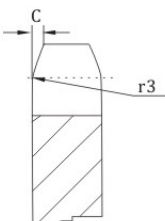
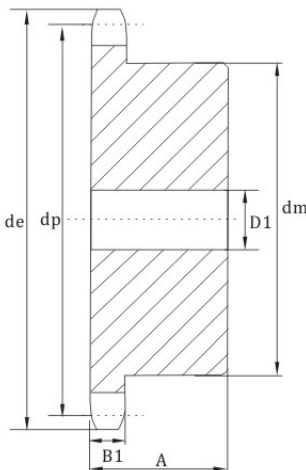
Roller 7.75

For Chain Acc. to DIN 8187

ISO/R 606

085B-1

Z	d _e	d _p	SIMPLEX			
			d _m	D ₁	A	W
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	



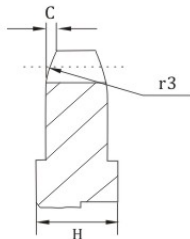
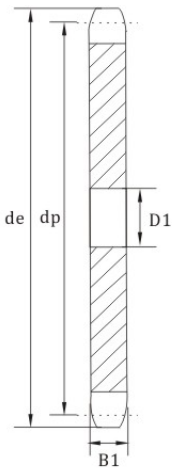
SPROCKETS	mm
Tooth radius r _i	13
Radius width C	1.3
Tooth width B _i	5.9
CHAIN	mm
Pitch	12.7
Internal width	6.4
Roller Φ	7.75
Material: C 45 *Weld- on hub	

Sprockets
European Standard Series

1/2" × 1/4" Roller 7.75

PLATEWHEELS 1/2" × 1/4" Roller 7.75 For Chain Acc. to DIN 8187 ISO/R 606 085B-1

Z	d _e	d _p	S	
			D ₁	W
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	307.38	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	



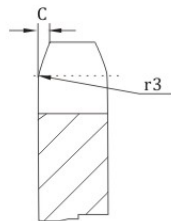
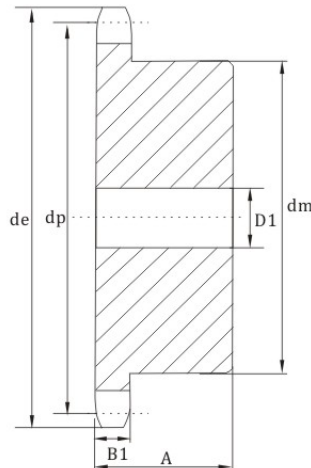
PLATEWHEELS	mm
Tooth radius r ₁	13
Radius width C	1.3
Tooth width B ₁	5.9
CHAIN	mm
Pitch	12.7
Internal width	6.4
Roller Φ	7.75
Material:C 45	

Sprockets
European Standard Series

1/2" × 1/4" Roller 8.51

SPROCKETS 1/2" × 1/4" Roller 8.51 For Chain Acc. to DIN 8187 ISO/R 606 085B-1

Z	d _e	d _p	SIMPLEX			
			d _m	D ₁	A	W
8	37.2	33.18	20	10	25	
9	41.0	37.13	24	10	25	
10	45.2	41.10	26	10	25	
11	48.7	45.07	29	10	25	
12	53.0	49.07	33	10	28	
13	57.4	53.06	37	10	28	
14	61.8	57.07	41	10	28	
15	65.5	61.09	45	10	28	
16	69.5	65.10	50	12	28	
17	73.6	69.11	52	12	28	
18	77.8	73.14	56	12	28	
19	81.7	77.16	60	12	28	
20	85.8	81.19	64	12	28	
21	89.7	85.22	68	14	28	
22	93.8	89.24	70	14	28	
23	98.2	93.27	70	14	28	
24	101.8	97.29	70	14	28	
25	105.8	101.33	70	14	28	
26	110.0	105.36	70	16	30	
27	114.0	109.40	70	16	30	
28	118.0	113.42	70	16	30	
29	122.0	117.46	80	16	30	
30	126.1	121.50	80	16	30	
31	130.2	125.54	90	16	30	
32	134.3	129.56	90	16	30	
33	138.4	133.60	90	16	30	
34	142.6	137.64	90	16	30	
35	146.7	141.68	90	16	30	
36	151.0	145.72	90	16	35	
37	154.6	149.76	90	16	35	
38	158.6	153.80	90	16	35	
39	162.7	157.83	90	16	35	
40	166.8	161.87	90	16	35	
41	171.4	165.91	90	16	40	
42	175.4	169.95	90	16	40	
43	179.7	173.99	90	16	40	
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	307.38	*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	



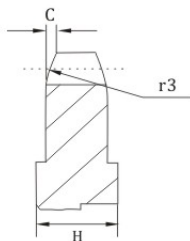
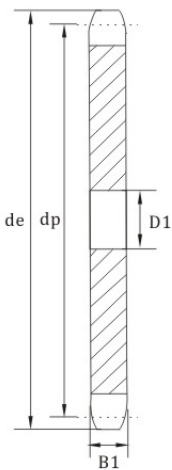
SPROCKETS	mm
Tooth radius r ₁	13
Radius width C	1.3
Tooth width B ₁	5.9
CHAIN	mm
Pitch	12.7
Internal width	6.4
Roller Φ	8.51
Material:C 45 *Weld- on hub	

Sprockets
European Standard Series

1/2" × 1/4" Roller 8.51

PLATEWHEELS 1/2" × 1/4" Roller 8.51 For Chain Acc. to DIN 8187 ISO/R 606 085B-1

Z	d _e	d _p	S	
			D ₁	W
8	37.2	33.18	8	
9	41.0	37.13	8	
10	45.2	41.10	8	
11	48.7	45.07	8	
12	53.0	49.07	8	
13	57.4	53.06	8	
14	61.8	57.07	8	
15	65.5	61.09	8	
16	69.5	65.10	10	
17	73.6	69.11	10	
18	77.8	73.14	10	
19	81.7	77.16	10	
20	85.8	81.19	10	
21	89.7	85.22	10	
22	93.8	89.24	10	
23	98.2	93.27	10	
24	101.8	97.29	10	
25	105.8	101.33	10	
26	110.0	105.36	12	
27	114.0	109.40	12	
28	118.0	113.42	12	
29	122.0	117.46	12	
30	126.1	121.50	12	
31	130.2	125.54	12	
32	134.2	129.56	12	
33	138.4	133.60	12	
34	142.6	137.64	12	
35	146.7	141.68	12	
36	151.0	145.72	16	
37	154.6	149.76	16	
38	158.6	153.80	16	
39	162.7	157.83	16	
40	166.8	161.87	16	
41	171.4	165.91	16	
42	175.4	169.95	16	
43	179.7	173.99	16	
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	291.15	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 _i	13
Radius width C	1.3
Tooth width B _i	5.9
CHAIN	mm
Pitch	12.7
Internal width	6.4
Roller Φ	8.51

Sprockets
European Standard Series

1/2" × 5/16"

SPROCKETS 1/2" × 5/16" For Chain Acc. to DIN 8187 ISO/R 606 08B-1-2-3

Z	d _e	d _p	SIMPLEX				DUPLEX				TRIPLEX			
			d _m	D ₁	A	W	d _m	D ₂	A	W	d _m	D ₃	A	W
8	37.2	33.18	20	10	25	0.10	20	10	32	0.09	20	10	46	0.13
9	41.0	37.13	24	10	25	0.11	24	10	32	0.13	24	12	46	0.18
10	45.2	41.10	26	10	25	0.12	28	10	32	0.18	28	12	46	0.24
11	48.7	45.07	29	10	25	0.15	32	12	35	0.24	32	14	50	0.31
12	53.0	49.07	33	10	28	0.21	35	12	35	0.30	35	14	50	0.39
13	57.4	53.06	37	10	28	0.26	38	12	35	0.36	38	14	50	0.49
14	61.8	57.07	41	10	28	0.32	42	12	35	0.44	42	14	50	0.60
15	65.5	61.09	45	10	28	0.39	46	12	35	0.52	46	14	50	0.72
16	69.5	65.10	50	12	28	0.46	50	14	35	0.63	50	16	50	0.85
17	73.6	69.11	52	12	28	0.51	54	14	35	0.73	54	16	50	0.99
18	77.8	73.14	56	12	28	0.59	58	14	35	0.85	58	16	50	1.11
19	81.7	77.16	60	12	28	0.67	62	14	35	0.97	62	16	50	1.30
20	85.8	81.19	64	12	28	0.76	66	14	35	1.10	66	16	50	1.47
21	89.7	85.22	68	12	28	0.85	70	16	40	1.29	70	16	55	1.79
22	93.8	89.24	70	12	28	0.92	70	16	40	1.37	70	16	55	1.93
23	98.2	93.27	70	14	28	0.94	70	16	40	1.46	70	16	55	2.08
24	101.8	97.29	70	14	28	0.97	75	16	40	1.64	75	16	55	2.26
25	105.8	101.33	70	14	28	1.00	80	16	40	1.82	80	16	55	2.57
26	110.0	105.36	70	16	30	1.09	85	16	40	2.02	85	20	55	2.79
27	114.0	109.40	70	16	30	1.13	85	16	40	2.12	85	20	55	2.96
28	118.0	113.42	70	16	30	1.16	90	16	40	2.34	90	20	55	3.25
29	122.0	117.46	80	16	30	1.35	95	16	40	2.56	95	20	55	3.55
30	126.1	121.50	80	16	30	1.45	100	16	40	2.79	100	20	55	3.86
31	130.2	125.54	90	16	30	1.72	100	20	40	2.87	110	20	55	4.32
32	134.3	129.56	90	16	30	1.80	100	20	40	3.00	110	20	55	4.53
33	138.4	133.60	90	16	30	1.84	100	20	40	3.13	110	20	55	4.74
34	142.6	137.64	90	16	30	1.87	100	20	40	3.26	110	20	55	4.97
35	146.7	141.68	90	16	30	1.90	100	20	40	3.40	110	20	55	5.20
36	151.0	145.72	90	16	35	2.22	100	20	40	3.54	120	25	55	5.64
37	154.6	149.76	90	16	35	2.23	100	20	40	3.69	120	25	55	5.88
38	158.6	153.80	90	16	35	2.31	100	20	40	3.84	120	25	55	6.14
39	162.7	157.83	90	16	35	2.38	100	20	40	4.00	120	25	55	6.40
40	166.8	161.87	90	16	35	2.41	100	20	40	4.15	120	25	55	6.66
41	171.4	165.91	*90	16	40	2.73	*108	20	50	5.16	*120	25	60	7.40
42	175.4	169.94	*90	16	40	2.77	*108	20	50	5.32	*120	25	60	7.66
43	179.7	173.98	*90	16	40	2.84	*108	20	50	5.50	*120	25	60	7.94
44	183.8	178.02	*90	16	40	2.88	*108	20	50	5.67	*120	25	60	8.22
45	188.0	182.07	*90	16	40	2.97	*108	20	50	5.85	*120	25	60	8.51
46	192.1	186.10	*90	16	40	3.00	*108	20	50	6.03	*120	25	60	8.80
47	196.2	190.14	*90	16	40	3.09	*108	20	50	6.21	*120	25	60	9.09
48	200.3	194.18	*90	16	40	3.14	*108	20	50	6.53	*120	25	60	9.40
49	204.3	198.22	*90	16	40	3.22	*108	20	50	6.73	*120	25	60	9.69
50	208.3	202.26	*90	16	40	3.26	*108	20	50	6.92	*120	25	60	10.00
51	212.1	206.30	*90	16	40	3.39	*108	20	50	7.11	*120	25	60	10.43
52	216.1	210.34	*90	16	40	3.46	*108	20	50	7.31	*120	25	60	10.75
53	220.2	214.37	*90	16	40	3.53	*108	20	50	7.53	*120	25	60	11.09
54	224.1	218.43	*90	16	40	3.61	*108	20	50	7.73	*120	25	60	11.41
55	228.1	222.46	*90	16	40	3.68	*108	20	50	7.94	*120	25	60	11.75
56	232.2	226.50	*90	16	40	3.76	*108	20	50	8.16	*120	25	60	12.11
57	236.4	230.54	*90	16	40	3.84	*108	20	50	8.39	*120	25	60	12.47
58	240.5	234.58	*90	16	40	3.92	*108	20	50	8.63	*120	25	60	13.00
59	244.5	238.62	*90	16	40	4.00	*108	20	50	8.85	*120	25	60	13.20
60	248.6	242.66	*90	16	40	4.08	*108	20	50	9.09	*120	25	60	13.58
62	256.9	250.74	*90	16	40	4.26	*108	20	50	9.79	*120	25	60	14.36
64	265.1	258.82	*90	16	40	4.44	*108	20	50	10.31	*120	25	60	15.16
65	269.0	262.86	*90	16	40	4.52	*108	20	50	10.56	*120	25	60	15.55
66	273.0	266.91	*90	16	40	4.61	*108	20	50	10.82	*120	25	60	16.41
68	281.0	274.99	*90	16	40	4.79	*108	20	55	11.65	*120	25	60	17.26
70	289.0	283.07	*90	16	40	4.98	*108	20	55	12.20	*120	25	60	17.32
72	297.2	291.15	*90	16	40	5.18	*108	20	55	12.77	*120	25	60	18.53
75	309.2	303.28	*90	16	40	5.48	*108	20	55	13.64	*120	25	60	20.45
76	313.3	307.32	*90	16	40	5.59	*108	20	55	13.95	*120	25	60	20.94
78	321.4	315.40	*90	16	40	5.80	*108	20	55	14.56	*120	25	60	21.93
80	329.4	323.49	*90	16	40	6.02	*108	20	55	15.18	*120	25	60	22.92
85	349.0	343.69	*90	16	40	6.57	*110	20	55	16.85	*120	25	60	25.47
90	369.9	363.90	*90	16	40	7.99	*110	20	55	19.49	*120	25	60	27.56
95	390.1	384.11	*90	16	40	8.75	*110	20	55	21.40	*120	25	60	30.42
100	410.3	404.32	*90	16	40	9.54	*110	20	55	23.42	*120	25	60	33.42
110	450.7	444.74	*90	16	40	11.25	*110	20	55	27.75	*120	25	60	39.87
114	466.9	460.91	*90	16	40	11.97	*110	20	55	29.60	*120	25	60	42.63
120	491.2	485.16	*90	16	40	13.11	*110	20	55	32.50	*120	25	60	46.95
125	511.3	505.37	*90	16	40	14.09	*110	20	55	35.00	*120	25	60	50.68

Sprockets
European Standard Series

1/2" × 5/16"

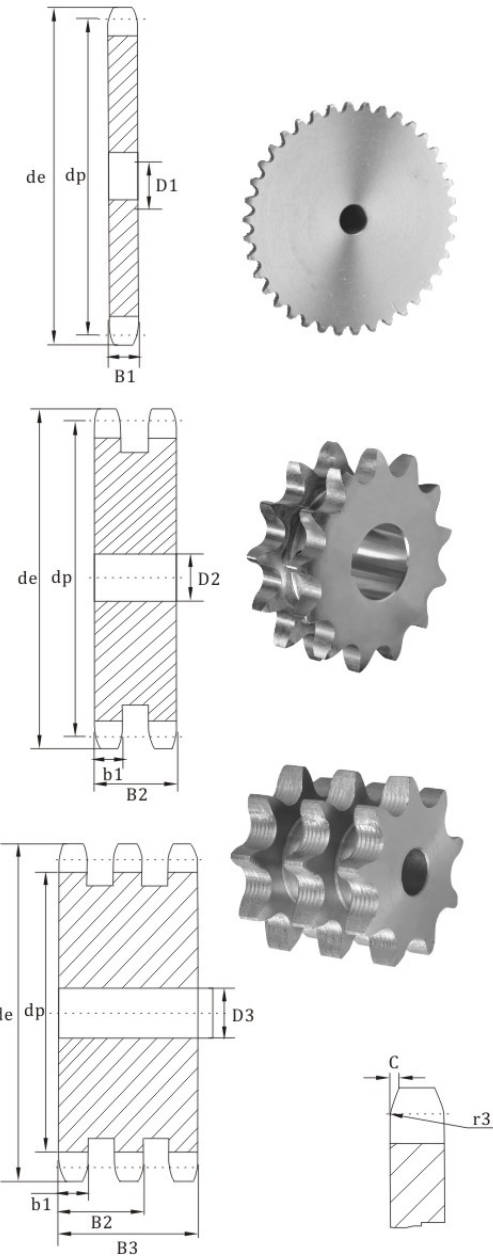
PLATEWHEELS 1/2" × 5/16"

For Chain Acc. to DIN 8187

ISO/R 606

08B-1-2-3

Z	d _e	d _p	S		D		T	
			D ₁	W	D ₂	W	D ₃	W
8	37.2	33.18	8	0.05	10	0.07	10	0.11
9	41.0	37.13	8	0.06	10	0.10	10	0.16
10	45.2	41.10	8	0.07	10	0.13	10	0.21
11	48.7	45.07	10	0.08	10	0.17	12	0.26
12	53.0	49.07	10	0.09	10	0.21	12	0.33
13	57.4	53.06	10	0.11	10	0.25	12	0.40
14	61.8	57.07	10	0.13	10	0.30	12	0.48
15	65.5	61.09	10	0.14	10	0.36	12	0.57
16	69.5	65.10	10	0.16	12	0.41	16	0.64
17	73.6	69.11	10	0.18	12	0.47	16	0.74
18	77.8	73.14	10	0.20	12	0.54	16	0.85
19	81.7	77.16	10	0.24	12	0.61	16	0.97
20	85.8	81.19	10	0.26	12	0.68	16	1.09
21	89.7	85.22	12	0.29	16	0.75	16	1.22
22	93.8	89.24	12	0.31	16	0.83	16	1.36
23	98.2	93.27	12	0.34	16	0.92	16	1.50
24	101.8	97.29	12	0.37	16	1.01	16	1.63
25	105.8	101.33	12	0.40	16	1.10	16	1.81
26	110.0	105.36	16	0.43	16	1.20	16	1.98
27	114.0	109.40	16	0.49	16	1.31	16	2.15
28	118.0	113.42	16	0.53	16	1.42	16	2.33
29	122.0	117.46	16	0.56	16	1.53	16	2.52
30	126.1	121.50	16	0.60	16	1.65	16	2.71
31	130.2	125.54	16	0.64	16	1.77	20	2.96
32	134.3	129.56	16	0.68	16	1.90	20	3.15
33	138.4	133.60	16	0.73	16	2.02	20	3.34
34	142.6	137.64	16	0.78	16	2.16	20	3.55
35	146.7	141.68	16	0.82	16	2.30	20	3.75
36	151.0	145.72	16	0.87	20	2.42	20	3.98
37	154.6	149.76	16	0.93	20	2.56	20	4.27
38	158.6	153.80	16	0.98	20	2.71	20	4.50
39	162.7	157.83	16	1.03	20	2.87	20	4.73
40	166.8	161.87	16	1.09	20	3.03	20	4.97
41	171.4	165.91	20	1.15	20	3.20	25	5.25
42	175.4	169.94	20	1.20	20	3.36	25	5.56
43	179.7	173.98	20	1.26	20	3.53	25	5.84
44	183.8	178.03	20	1.32	20	3.71	25	6.11
45	188.0	182.07	20	1.38	20	3.89	25	6.39
46	192.1	186.10	20	1.46	20	4.07	25	6.67
47	196.2	190.14	20	1.52	20	4.29	25	6.96
48	200.3	194.18	20	1.59	20	4.47	25	7.34
49	204.3	198.22	20	1.67	20	4.65	25	7.64
50	208.3	202.26	20	1.73	20	4.83	25	7.94
51	212.1	206.30	20	1.80	25	5.01	25	8.33
52	216.1	210.34	20	1.87	25	5.26	25	8.65
53	220.2	214.37	20	1.94	25	5.47	25	9.08
54	224.1	218.43	20	2.01	25	5.66	25	9.41
55	228.1	222.46	20	2.08	25	5.87	25	9.75
56	232.2	226.50	20	2.16	25	6.08	25	10.10
57	236.4	230.54	20	2.23	25	6.30	25	10.47
58	240.5	234.58	20	2.31	25	6.52	25	10.96
59	244.5	238.62	20	2.39	25	6.82	25	11.33
60	248.6	242.66	20	2.47	25	7.05	25	11.71
62	256.9	250.74	25	2.64	25	7.58	25	12.51
64	265.1	258.82	25	2.81	25	8.01	25	13.47
65	269.0	262.86	25	2.89	25	8.25	25	13.87
66	273.0	266.91	25	2.98	25	8.50	25	14.44
68	281.0	274.99	25	3.16	25	9.21	25	15.30
70	289.0	283.07	25	3.34	25	9.74	25	16.19
72	297.2	291.15	25	3.53	25	10.30	25	17.12
75	309.2	303.23	25	3.82	25	11.15	25	18.53
76	313.3	307.32	25	3.92	25	11.45	25	19.02
78	321.4	315.40	25	4.13	25	12.31	25	20.24
80	329.4	323.49	25	4.34	25	12.93	25	21.26
85	349.0	343.69	25	4.87	25	14.52	25	24.13
90	369.9	363.90	25	5.47	25	16.31	25	27.11
95	390.1	384.11	25	6.08	25	18.14	25	30.15
100	410.3	404.32	25	6.73	25	20.07	25	33.35
110	450.7	444.74	25	8.12	25	24.21	25	41.06
114	466.9	460.91	25	8.72	25	25.99	25	44.10
120	491.2	485.16	25	9.65	25	28.76	25	48.58
125	511.3	505.37	25	10.45	25	31.16	25	52.56



PLATEWHEELS	mm
Tooth radius r _i	13
Radius width C	1.3
Tooth width B _i	7.2
Tooth width b _i	7
Tooth width B _e	21
Tooth width B _s	34.9
CHAIN	mm
Pitch	12.7
Internal width	7.75
Roller Φ	8.51

Sprockets
European Standard Series

5/8" × 3/8"

SPROCKETS 5/8" × 3/8"

For Chain Acc. to DIN 8187

ISO/R 606

10B-1-2-3

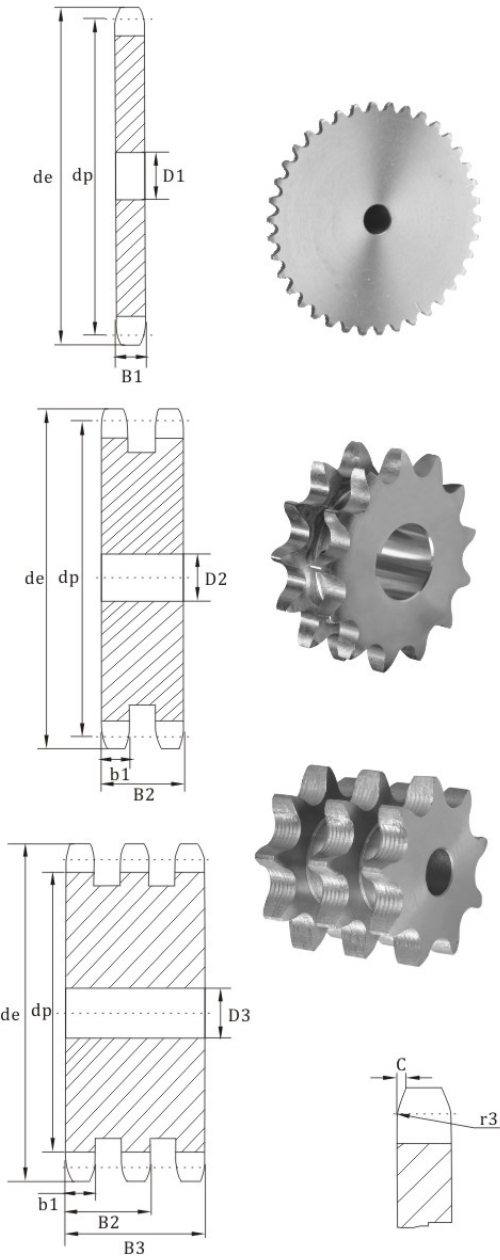
Z	d _e	d _p	SIMPLEX				DUPLEX				TRIPLEX			
			d _m	D ₁	A	W	d _m	D ₂	A	W	d _m	D ₃	A	W
8	47.0	41.48	25	10	25	0.12	25	12	40	0.19	25	12	55	0.27
9	52.6	46.42	30	10	25	0.16	30	12	40	0.27	30	12	55	0.38
10	57.5	51.37	35	10	25	0.23	35	12	40	0.36	35	16	55	0.47
11	63.0	56.34	37	12	30	0.30	39	14	40	0.43	39	16	55	0.61
12	68.0	61.34	42	12	30	0.38	44	14	40	0.55	44	16	55	0.78
13	73.0	66.32	47	12	30	0.47	49	14	40	0.68	49	16	55	0.96
14	78.0	71.34	52	12	30	0.57	54	14	40	0.82	54	16	55	1.15
15	83.0	76.36	57	12	30	0.68	59	14	40	0.97	59	16	55	1.37
16	88.0	81.37	60	12	30	0.77	64	16	45	1.26	64	16	60	1.72
17	93.0	86.39	60	12	30	0.81	69	16	45	1.46	69	16	60	1.99
18	98.3	91.42	70	14	30	1.01	74	16	45	1.67	74	16	60	2.27
19	103.3	96.45	70	14	30	1.11	79	16	45	1.90	79	16	60	2.58
20	108.4	101.49	75	14	30	1.21	84	16	45	2.14	84	16	60	2.91
21	113.4	106.52	75	16	30	1.26	85	16	45	2.27	85	20	60	3.12
22	118.0	111.55	80	16	30	1.42	90	16	45	2.54	90	20	60	3.48
23	123.5	116.58	80	16	30	1.47	95	16	45	2.82	95	20	60	3.86
24	128.3	121.62	80	16	30	1.54	100	16	45	3.11	100	20	60	4.25
25	134.0	126.66	80	16	30	1.61	105	16	45	3.15	105	20	60	4.67
26	139.0	131.70	85	20	35	1.96	110	20	45	3.74	110	20	60	5.10
27	144.0	136.75	85	20	35	2.05	110	20	45	3.94	110	20	60	5.43
28	148.7	141.78	90	20	35	2.26	115	20	45	4.28	115	20	60	5.90
29	153.8	146.83	90	20	35	2.34	115	20	45	4.50	115	20	60	6.25
30	158.8	151.87	90	20	35	2.42	120	20	45	4.87	120	20	60	6.65
31	163.9	156.92	95	20	35	2.64	120	20	45	5.10	120	20	60	7.18
32	168.9	161.95	95	20	35	2.74	120	20	45	5.34	120	20	60	7.56
33	174.5	167.00	95	20	35	2.82	120	20	45	5.59	120	20	60	7.97
34	179.0	172.05	95	20	35	2.92	120	20	45	5.84	120	20	60	8.36
35	184.1	177.10	95	20	35	2.99	120	20	45	6.11	120	20	60	8.74
36	189.1	182.15	100	20	35	3.27	120	20	45	6.38	120	25	60	9.15
37	194.2	187.20	100	20	35	3.37	120	20	45	6.66	120	25	60	9.61
38	199.2	192.24	100	20	35	3.67	120	20	45	6.95	120	25	60	10.08
39	204.2	197.29	100	20	35	3.79	120	20	45	7.25	120	25	60	10.57
40	209.3	202.34	100	20	35	3.92	120	20	45	7.55	120	25	60	11.07
41	214.8	207.38	*100	20	40	4.05	*120	20	50	8.21	*130	25	60	12.03
42	219.9	212.43	*100	20	40	4.19	*120	20	50	8.52	*130	25	60	12.53
43	224.9	217.48	*100	20	40	4.30	*120	20	50	8.83	*130	25	60	13.02
44	230.0	222.53	*100	20	40	4.44	*120	20	50	9.15	*130	25	60	13.54
45	235.0	227.58	*100	20	40	4.50	*120	20	50	9.46	*130	25	60	14.06
46	240.1	232.63	*100	20	40	4.62	*120	20	50	9.80	*130	25	60	14.79
47	245.1	237.68	*100	20	40	4.81	*120	20	50	10.13	*130	25	60	15.34
48	250.2	242.73	*100	20	40	5.00	*120	20	50	10.68	*130	25	60	16.13
49	255.2	247.78	*100	20	40	5.13	*120	20	50	11.03	*130	25	60	16.71
50	260.3	252.82	*100	20	40	5.26	*120	20	50	11.40	*130	25	60	17.31
51	265.3	257.87	*100	20	40	5.74	*120	20	50	11.77	*130	25	60	18.14
52	270.4	262.92	*100	20	40	5.90	*120	20	50	12.15	*130	25	60	18.77
53	275.4	267.97	*100	20	40	6.06	*120	20	50	12.53	*130	25	60	19.40
54	280.5	273.03	*100	20	40	6.24	*120	20	50	12.93	*130	25	60	20.06
55	285.5	278.08	*100	20	40	6.41	*120	20	50	13.32	*130	25	60	20.71
56	290.6	283.13	*100	20	40	6.57	*120	20	50	13.73	*130	25	60	21.39
57	296.0	288.18	*100	20	40	6.76	*120	20	50	14.18	*130	25	60	22.12
58	300.7	293.23	*100	20	43	7.08	*120	20	57	15.07	*130	25	64	23.05
59	305.7	298.28	*100	20	43	7.26	*120	20	57	15.49	*130	25	64	23.75
60	310.8	303.33	*100	20	43	7.44	*120	20	57	15.93	*130	25	64	24.47
62	321.4	313.43	*100	20	43	7.84	*120	20	57	16.86	*130	25	64	26.01
64	331.5	323.53	*100	20	43	8.23	*120	20	57	17.78	*130	25	67	27.79
65	336.5	328.58	*100	20	43	8.43	*120	20	57	18.25	*130	25	67	28.56
66	341.6	333.64	*100	20	43	8.63	*120	20	57	18.73	*130	25	67	29.35
68	351.7	343.74	*100	20	43	9.74	*120	20	57	20.49	*130	25	67	31.70
70	361.8	353.84	*100	20	43	10.20	*120	20	57	21.53	*130	25	67	33.39
72	371.9	363.94	*100	20	43	10.67	*120	20	57	22.60	*130	25	67	35.13
75	387.1	379.10	*100	20	43	11.41	*120	20	57	24.27	*130	25	67	37.84
76	392.1	384.15	*100	20	43	11.66	*120	20	57	24.83	*130	25	67	38.75
78	402.2	394.25	*100	20	43	12.17	*130	20	57	26.37	*130	25	67	40.63
80	412.3	404.36	*100	20	43	12.70	*130	20	57	27.55	*130	25	67	42.57
85	437.6	429.62	*100	20	50	14.07	*130	20	58	30.74	*130	25	67	47.60
90	462.8	454.88	*100	20	50	15.52	*130	20	58	34.01	*130	25	67	52.91
95	488.5	480.14	*100	20	50	17.08	*130	20	58	37.53	*130	25	67	58.64
100	513.4	505.40	*100	20	50	18.67	*130	20	58	41.12	*130	25	67	64.47
110	563.9	555.92	*100	20	50	22.14	*130	20	58	48.94	*130	25	67	77.18
114	584.1	576.13	*100	20	50	23.62	*130	20	58	52.27	*130	25	67	82.61
120	614.4	606.45	*100	20	50	25.93	*130	20	58	57.49	*130	25	67	91.08
125	639.7	631.51	*100	20	50	27.95	*130	20	58	62.04	*130	25	67	98.49

Sprockets
European Standard Series

5/8" × 3/8"

PLATEWHEELS 5/8" × 3/8" For Chain Acc. to DIN 8187 ISO/R 606 10B-1-2-3

Z	d _e	d _p	S		D		T	
			D ₁	W	D ₂	W	D ₃	W
8	47.0	41.48	10	0.06	10	0.15	12	0.23
9	52.6	46.42	10	0.09	10	0.21	12	0.32
10	57.5	51.37	10	0.11	10	0.27	12	0.44
11	63.0	56.34	10	0.14	10	0.34	12	0.55
12	68.0	61.34	10	0.17	10	0.42	12	0.67
13	73.0	66.32	10	0.20	10	0.51	12	0.81
14	78.0	71.34	10	0.23	10	0.60	12	0.97
15	83.0	76.36	10	0.27	12	0.70	12	1.14
16	88.0	81.37	12	0.31	12	0.82	16	1.29
17	93.0	86.39	12	0.36	12	0.94	16	1.49
18	98.3	91.42	12	0.41	12	1.06	16	1.70
19	103.3	96.45	12	0.45	12	1.20	16	1.92
20	108.4	101.49	12	0.51	12	1.34	16	2.15
21	113.4	106.52	12	0.57	16	1.48	16	2.40
22	118.0	111.55	12	0.62	16	1.64	16	2.66
23	123.5	116.58	12	0.69	16	1.80	16	2.94
24	128.3	121.62	12	0.75	16	1.98	16	3.23
25	134.0	126.66	12	0.82	16	2.17	16	3.53
26	139.0	131.70	16	0.88	16	2.33	20	3.81
27	144.0	136.75	16	0.95	16	2.53	20	4.13
28	148.7	141.78	16	1.03	16	2.74	20	4.47
29	153.8	146.83	16	1.11	16	2.96	20	4.83
30	158.8	151.87	16	1.19	16	3.18	20	5.24
31	163.9	156.92	16	1.27	20	3.41	20	5.65
32	168.9	161.95	16	1.35	20	3.66	20	6.00
33	174.5	167.00	16	1.44	20	3.90	20	6.41
34	179.0	172.05	16	1.55	20	4.16	20	6.82
35	184.1	177.10	16	1.64	20	4.42	20	7.22
36	189.1	182.15	20	1.73	20	4.70	25	7.62
37	194.2	187.20	20	1.82	20	4.98	25	8.03
38	199.2	192.24	20	1.92	20	5.26	25	8.56
39	204.2	197.29	20	2.06	20	5.56	25	8.99
40	209.3	202.34	20	2.16	20	5.87	25	9.56
41	214.8	207.38	20	2.28	20	6.17	25	10.07
42	219.9	212.43	20	2.39	20	6.47	25	10.55
43	224.9	217.48	20	2.50	20	6.76	25	11.17
44	230.0	222.53	20	2.64	20	7.07	25	11.68
45	235.0	227.58	20	2.76	20	7.47	25	12.19
46	240.1	232.63	20	2.88	25	7.89	25	12.73
47	245.1	237.68	20	3.00	25	8.22	25	13.42
48	250.2	242.73	20	3.13	25	8.57	25	13.98
49	255.2	247.78	20	3.25	25	9.02	25	14.72
50	260.3	252.82	20	3.39	25	9.38	25	15.31
51	265.3	257.87	20	3.52	25	9.75	25	15.91
52	270.4	262.92	20	3.65	25	10.12	25	16.52
53	275.4	267.97	20	3.79	25	10.50	25	17.34
54	280.5	273.03	20	3.93	25	10.89	25	17.99
55	285.5	278.08	20	4.07	25	11.41	25	18.63
56	290.6	283.13	25	4.22	25	11.83	25	19.30
57	296.0	288.18	25	4.38	25	12.27	25	20.03
58	300.7	293.23	25	4.52	25	12.66	25	21.14
59	305.7	298.28	25	4.67	25	13.09	25	21.85
60	310.8	303.33	25	4.83	25	13.53	25	22.58
62	321.4	313.43	25	5.16	25	14.46	30	24.42
64	331.5	323.53	25	5.49	25	15.56	30	25.69
65	336.5	328.58	25	5.66	25	16.03	30	26.47
66	341.6	333.64	25	5.83	25	16.52	30	27.58
68	351.7	343.74	25	6.18	25	17.71	30	29.24
70	361.8	353.84	25	6.54	25	18.74	30	30.94
72	371.9	363.94	25	6.91	25	19.80	30	33.05
75	387.1	379.10	25	7.49	25	21.45	30	35.81
76	392.1	384.15	25	7.68	25	22.01	30	36.74
78	402.2	394.25	25	8.08	25	23.42	30	38.66
80	412.3	404.36	25	8.49	25	24.61	30	40.62
85	437.6	429.62	30	9.57	30	27.72	30	45.76
90	462.8	454.88	30	10.70	30	31.00	30	51.18
95	488.5	480.14	30	11.92	30	34.54	30	57.65
100	513.4	505.40	30	13.17	30	38.15	30	63.67
110	563.9	555.92	30	15.89	30	47.03	30	76.82
114	584.1	576.13	30	17.05	30	50.46	30	82.42
120	614.4	606.45	30	18.86	30	55.83	30	92.17
125	639.7	631.51	30	20.45	30	60.52	30	99.92



PLATEWHEELS	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

Sprockets
European Standard Series

3/4" × 7/16"

SPROCKETS 3/4" × 7/16" For Chain Acc. to DIN 8187 ISO/R 606 12B-1-2-3

Z	d _e	d _p	SIMPLEX				DUPLEX				TRIPLEX			
			d _m	D ₁	A	W	d _m	D ₂	A	W	d _m	D ₃	A	W
8	57.6	49.78	31	12	30	0.21	31	12	45	0.31	31	16	65	0.45
9	62.0	55.70	37	12	30	0.29	37	12	45	0.44	37	16	65	0.64
10	69.0	61.64	42	12	30	0.40	42	12	45	0.59	42	16	65	0.86
11	75.0	67.61	46	14	35	0.53	47	16	50	0.81	47	20	70	1.09
12	81.5	73.61	52	14	35	0.67	53	16	50	1.02	53	20	70	1.39
13	87.5	79.59	58	14	35	0.83	59	16	50	1.25	59	20	70	1.72
14	93.6	85.61	64	14	35	1.00	65	16	50	1.46	65	20	70	2.08
15	99.8	91.63	70	14	35	1.18	71	16	50	1.74	71	20	70	2.47
16	105.5	97.65	75	16	35	1.35	77	20	50	2.03	77	20	70	2.89
17	111.5	103.67	80	16	35	1.55	83	20	50	2.36	83	20	70	3.34
18	118.0	109.71	80	16	35	1.63	89	20	50	2.70	89	20	70	3.83
19	124.2	115.75	80	16	35	1.72	95	20	50	3.07	95	20	70	4.35
20	129.7	121.78	80	16	35	1.81	100	20	50	3.43	100	20	70	4.87
21	136.0	127.82	90	20	40	2.36	100	20	50	3.69	100	20	70	5.20
22	141.8	133.86	90	20	40	2.47	100	20	50	3.97	100	20	70	5.65
23	149.0	139.90	90	20	40	2.61	110	20	50	4.51	110	20	70	6.38
24	153.9	145.94	90	20	40	2.69	110	20	50	4.81	110	20	70	6.87
25	160.0	152.00	90	20	40	2.81	120	20	50	5.41	120	20	70	7.77
26	165.9	158.04	95	20	40	3.10	120	20	50	5.73	120	20	70	8.21
27	172.3	164.09	95	20	40	3.23	120	20	50	6.08	120	20	70	8.77
28	178.0	170.13	95	20	40	3.36	120	20	50	6.43	120	20	70	9.35
29	184.1	176.19	95	20	40	3.45	120	20	50	6.80	120	20	70	9.96
30	190.5	182.25	95	20	40	3.62	120	20	50	7.19	120	20	70	10.59
31	196.3	188.31	95	20	40	3.78	120	20	50	7.59	130	25	70	11.55
32	203.3	194.35	95	20	40	3.93	120	20	50	8.00	130	25	70	12.22
33	209.3	200.40	95	20	40	4.08	120	20	50	8.31	130	25	70	12.92
34	214.6	206.46	95	20	40	4.24	120	20	50	8.86	130	25	70	13.64
35	221.0	212.52	95	20	40	4.45	120	20	50	9.31	130	25	70	14.38
36	226.8	218.58	100	20	40	4.76	120	25	50	9.71	130	25	70	15.14
37	232.9	224.64	100	20	40	4.94	120	25	50	10.19	130	25	70	15.93
38	239.0	230.69	100	20	40	5.13	120	25	50	10.78	130	25	70	16.73
39	245.1	236.75	100	20	40	5.25	120	25	50	11.19	130	25	70	17.57
40	251.3	242.81	100	20	40	5.51	120	25	50	11.71	130	25	70	18.42
41	257.3	248.86	*110	20	56	7.18	*136	25	62	13.90	*140	25	70	19.47
42	264.5	254.92	*110	20	56	7.42	*136	25	62	14.51	*140	25	70	20.44
43	270.5	260.98	*110	20	56	7.62	*136	25	62	15.03	*140	25	70	21.28
44	276.5	267.03	*110	20	56	7.86	*136	25	62	15.57	*140	25	70	22.13
45	282.5	273.09	*110	20	56	8.08	*136	25	62	16.11	*140	25	70	22.99
46	287.9	279.15	*110	20	56	8.34	*136	25	62	16.61	*140	25	70	24.11
47	294.0	285.21	*110	20	56	8.50	*136	25	62	17.19	*140	25	70	25.04
48	300.1	291.27	*110	20	56	8.71	*136	25	62	17.78	*140	25	70	25.91
49	306.2	297.33	*110	20	56	8.96	*136	25	62	18.38	*140	25	70	26.88
50	312.3	303.39	*110	20	56	9.17	*136	25	62	18.99	*140	25	70	27.87
51	318.4	309.45	*110	20	56	9.63	*136	25	62	19.62	*140	25	70	29.26
52	324.5	315.51	*110	20	56	9.89	*136	25	62	20.26	*140	25	70	30.29
53	330.5	321.57	*110	20	56	10.16	*136	25	62	20.89	*140	25	70	31.33
54	336.6	327.63	*110	20	56	10.44	*136	25	62	21.55	*140	25	70	32.41
55	342.7	333.69	*110	20	56	10.72	*136	25	62	22.23	*140	25	70	33.51
56	348.7	339.75	*110	20	56	11.00	*136	25	62	22.90	*140	25	70	34.60
57	355.4	345.81	*110	20	56	12.05	*136	25	62	24.43	*140	25	70	35.95
58	361.5	351.87	*110	20	56	12.37	*136	25	62	25.16	*140	25	70	37.10
59	367.5	357.93	*110	20	56	12.69	*136	25	62	25.89	*140	25	70	38.27
60	373.0	363.99	*110	20	56	12.99	*136	25	62	26.58	*140	25	70	39.34
62	385.1	376.12	*110	20	56	13.66	*136	25	62	28.11	*140	25	70	41.77
64	397.2	388.24	*110	20	56	14.35	*140	25	63	29.96	*140	25	70	44.27
65	403.2	394.30	*110	20	56	14.71	*140	25	63	30.76	*140	25	70	45.54
66	409.3	400.36	*110	20	56	15.07	*140	25	63	31.59	*140	25	70	46.83
68	421.4	412.49	*110	20	56	15.80	*140	25	63	33.27	*140	25	70	49.51
70	433.6	424.61	*110	20	56	16.56	*140	25	63	35.01	*140	25	70	52.27
72	447.0	436.73	*110	20	56	17.42	*140	25	63	36.97	*140	25	70	55.38
75	463.9	454.92	*110	20	56	18.55	*140	25	63	39.54	*140	25	70	59.44
76	469.9	460.98	*110	20	56	18.95	*140	25	63	40.47	*140	25	70	62.52
78	482.1	473.10	*110	20	56	19.80	*140	25	63	42.41	*140	25	70	65.67
80	494.2	485.23	*110	20	56	20.66	*140	25	63	44.38	*140	25	70	68.87
85	524.5	515.54	*110	20	56	22.91	*140	25	63	49.52	*140	25	70	77.22
90	554.8	545.85	*110	20	56	25.29	*140	25	63	54.96	*140	25	70	86.07
95	585.1	576.17	*110	20	56	27.80	*140	25	63	60.70	*140	25	70	97.85
100	615.4	606.48	*110	20	56	30.44	*140	25	63	66.75	*140	25	70	107.93
110	676.1	667.11	*110	20	56	36.14	*140	25	63	79.77	*140	25	70	129.64
114	700.6	691.36	*110	20	56	38.59	*140	25	63	85.37	*140	25	70	138.98
120	736.7	727.74	*110	20	56	42.35	*140	25	63	93.98	*140	25	70	153.34
125	767.0	758.06	*110	20	56	45.66	*140	25	63	101.53	*140	25	70	165.94

Sprockets
European Standard Series

3/4" × 7/16"

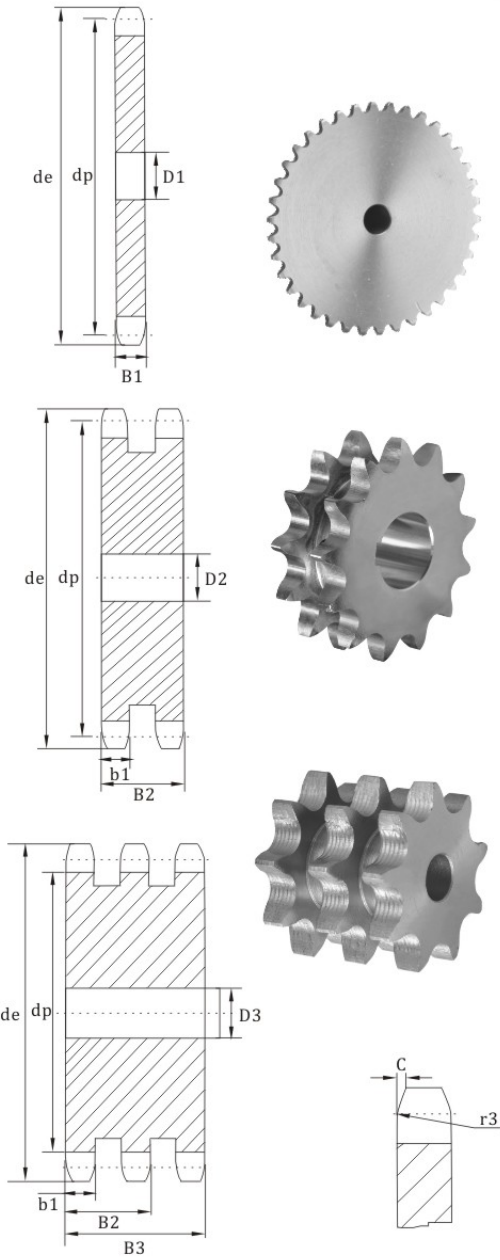
PLATEWHEELS 3/4" × 7/16"

For Chain Acc. to DIN 8187

ISO/R 606

12B-1-2-3

Z	d _e	d _p	S		D		T	
			D ₁	W	D ₂	W	D ₃	W
8	57.6	49.78	10	0.12	12	0.26	12	0.31
9	62.0	55.70	10	0.15	12	0.36	12	0.57
10	69.0	61.64	10	0.20	12	0.46	12	0.74
11	75.0	67.61	12	0.24	14	0.59	16	0.91
12	81.5	73.61	14	0.30	14	0.72	16	1.13
13	87.5	79.59	14	0.35	14	0.88	16	1.38
14	93.6	85.61	14	0.41	14	1.02	16	1.64
15	99.8	91.63	14	0.48	14	1.20	16	1.93
16	105.5	97.65	14	0.55	16	1.39	16	2.20
17	115.5	103.67	14	0.63	16	1.60	16	2.54
18	118.0	109.71	14	0.71	16	1.81	16	2.89
19	124.2	115.75	14	0.80	16	2.05	16	3.27
20	129.7	121.78	14	0.89	16	2.30	16	3.67
21	136.0	127.82	16	0.99	16	2.53	20	4.10
22	141.8	133.86	16	1.03	16	2.80	20	4.45
23	149.0	139.90	16	1.20	16	3.09	20	5.02
24	153.9	145.94	16	1.31	16	3.39	20	5.51
25	160.0	152.00	16	1.43	16	3.70	20	6.02
26	165.9	158.04	16	1.56	20	4.03	20	6.56
27	172.3	164.09	16	1.68	20	4.38	20	7.12
28	178.0	170.13	16	1.82	20	4.73	20	7.71
29	184.1	176.19	16	1.96	20	5.10	20	8.31
30	190.5	182.25	16	2.10	20	5.49	20	8.97
31	196.3	188.31	20	2.24	20	5.88	25	9.52
32	203.3	194.35	20	2.39	20	6.30	25	10.19
33	209.3	200.40	20	2.55	20	6.72	25	10.89
34	214.6	206.46	20	2.71	20	7.16	25	11.61
35	221.0	212.52	20	2.88	20	7.61	25	12.35
36	226.8	218.58	20	3.06	25	7.99	25	13.11
37	232.9	224.64	20	3.24	25	8.47	25	13.90
38	239.0	230.69	20	3.42	25	8.96	25	14.70
39	245.1	236.75	20	3.61	25	9.50	25	15.54
40	251.3	242.81	20	3.80	25	9.99	25	16.49
41	257.3	248.86	25	3.98	25	10.51	25	17.29
42	264.5	254.92	25	4.19	25	11.07	25	18.27
43	270.5	260.98	25	4.38	25	11.63	25	19.11
44	276.5	267.03	25	4.61	25	12.21	25	19.97
45	282.5	273.09	25	4.83	25	12.80	25	20.84
46	287.9	279.15	25	5.05	25	13.40	25	22.16
47	294.0	285.21	25	5.28	25	14.02	25	23.11
48	300.1	291.27	25	5.43	25	14.65	25	24.07
49	306.2	297.33	25	5.76	25	15.42	25	25.35
50	312.3	303.39	25	6.01	25	16.05	25	26.37
51	318.4	309.45	25	6.25	25	16.68	25	27.41
52	324.5	315.51	25	6.49	25	17.32	25	28.47
53	330.5	321.57	25	6.73	25	18.17	25	29.54
54	336.6	327.63	25	6.98	25	18.85	25	30.64
55	342.7	333.69	25	7.24	25	19.54	25	32.12
56	348.7	339.75	25	7.49	25	20.23	30	33.25
57	355.4	345.81	25	7.79	25	21.02	30	34.54
58	361.5	351.87	25	8.13	25	21.74	30	35.74
59	367.5	357.93	25	8.32	25	22.47	30	36.93
60	373.0	363.99	25	8.58	25	23.41	30	38.05
62	385.1	376.12	25	9.24	30	24.95	30	41.01
64	397.2	388.24	25	9.83	30	26.55	30	43.63
65	403.2	394.30	25	10.13	30	27.35	30	44.96
66	409.3	400.36	30	10.44	30	28.19	30	46.84
68	421.4	412.49	30	11.07	30	29.88	30	49.65
70	433.6	424.61	30	11.72	30	31.63	30	52.57
72	447.0	436.73	30	12.45	30	33.62	30	55.87
75	463.9	454.92	30	13.41	30	36.21	30	60.83
76	469.9	460.98	30	13.76	30	37.98	30	62.42
78	482.1	473.10	30	14.49	30	39.98	30	65.70
80	494.2	485.23	30	15.22	30	42.01	30	69.04
85	524.5	515.54	30	17.15	30	47.83	30	78.61
90	554.8	545.85	30	19.18	30	53.52	30	87.96
95	585.1	576.17	30	21.34	30	59.52	30	97.83
100	615.4	606.48	30	23.60	30	66.55	30	108.22
110	676.1	667.11	30	28.49	30	80.33	30	132.03
114	700.6	691.36	30	30.59	30	86.26	30	141.77
120	736.7	727.74	30	33.82	30	95.38	30	156.76
125	767.0	758.06	30	36.66	30	103.38	30	169.92



PLATEWHEELS	mm
Tooth radius r _t	19
Radius width C	2
Tooth width B _t	11.1
Tooth width b _t	10.8
Tooth width B _s	30.3
Tooth width B _s	49.8
CHAIN	mm
Pitch	19.05
Internal width	11.68
Roller Φ	12.07
Material: C 45	

Sprockets
European Standard Series

1" × 17.02mm

SPROCKETS 1" × 17.02mm

For Chain Acc. to DIN 8187

ISO/R 606

16B-1-2-3

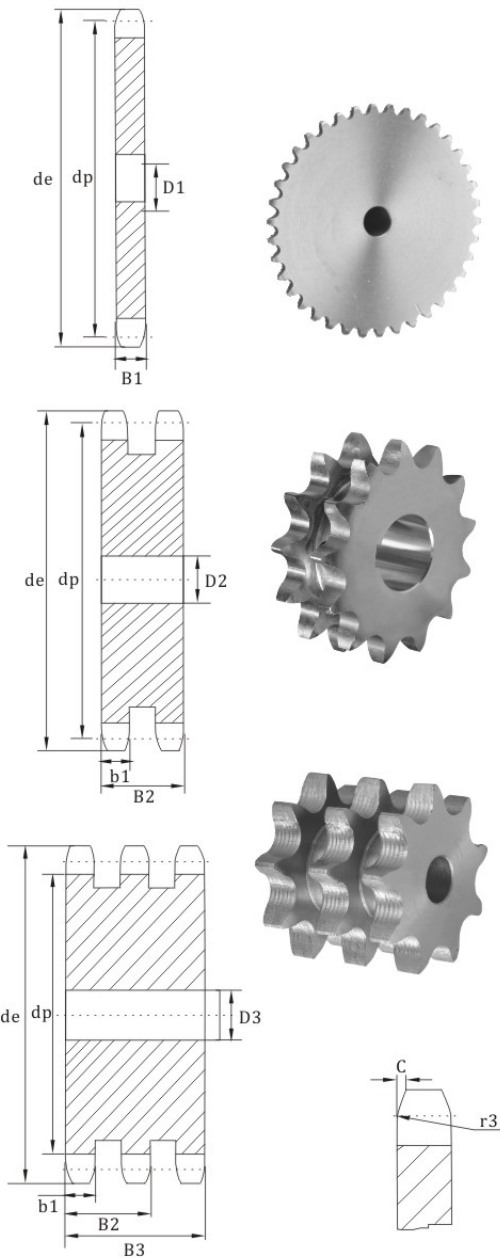
Z	d _e	d _p	SIMPLEX				DUPLEX				TRIPLEX			
			d _m	D ₁	A	W	d _m	D ₂	A	W	d _m	D ₃	A	W
8	77.0	66.37	42	16	35	047	42	16	65	081	42	20	95	119
9	85.0	74.27	50	16	35	066	50	16	65	115	50	20	95	168
10	93.0	82.19	55	16	35	083	56	16	65	152	56	20	95	224
11	101.5	90.14	61	16	40	114	64	20	70	208	64	25	100	286
12	109.0	98.14	69	16	40	143	72	20	70	260	72	25	100	362
13	117.0	106.12	78	16	40	177	80	20	70	318	80	25	100	445
14	125.0	114.15	84	16	40	208	88	20	70	382	88	25	100	537
15	133.0	122.17	92	16	40	246	96	20	70	451	96	25	100	637
16	141.0	130.20	100	20	45	314	104	20	70	517	104	25	100	745
17	149.0	138.22	100	20	45	333	112	20	70	598	112	25	100	860
18	157.0	146.28	100	20	45	356	120	20	70	684	120	25	100	980
19	165.2	154.33	100	20	45	378	128	20	70	776	128	25	100	1116
20	173.2	162.38	100	20	45	403	130	20	70	852	130	25	100	1236
21	181.2	170.43	110	20	50	501	130	25	70	924	*130	25	100	1356
22	189.3	178.48	110	20	50	528	*130	25	70	1000	*130	25	100	1482
23	197.5	186.53	110	20	50	556	*130	25	70	1080	*130	25	100	1615
24	205.5	194.59	110	20	50	586	*130	25	70	1164	*130	25	100	1753
25	213.5	202.66	110	20	50	616	*130	25	70	1252	*130	25	100	1899
26	221.6	210.72	120	20	50	696	*130	25	70	1343	*130	30	100	2034
27	229.6	218.79	120	20	50	730	*130	25	70	1438	*130	30	100	2192
28	237.7	226.85	120	20	50	764	*130	25	70	1538	*130	30	100	2357
29	245.8	234.92	120	20	50	800	*130	25	70	1641	*130	30	100	2527
30	254.0	243.00	120	20	50	838	*130	25	70	1748	*130	30	100	2705
31	262.0	251.08	*120	25	50	869	*140	25	70	1896	*140	30	100	2923
32	270.0	259.13	*120	25	50	909	*140	25	70	2010	*140	30	100	3113
33	278.5	267.21	*120	25	50	953	*140	25	70	2129	*140	30	100	3310
34	287.0	275.28	*120	25	50	997	*140	25	70	2221	*140	30	100	3513
35	296.2	283.36	*120	25	50	1046	*140	25	70	2377	*140	30	100	3723
36	304.6	291.44	*120	25	50	1092	*140	25	70	2507	*140	30	100	3939
37	312.6	299.51	*120	25	50	1138	*140	25	70	2641	*140	30	100	4172
38	320.7	307.59	*120	25	50	1184	*140	25	70	2779	*140	30	100	4378
39	328.8	315.67	*120	25	50	1233	*140	25	70	2920	*140	30	100	4589
40	336.9	323.75	*120	25	50	1282	*140	25	70	3065	*140	30	100	4805
41	345.0	331.81	*125	25	68	1485	*140	25	70	3159	*160	30	100	5154
42	353.0	339.89	*125	25	68	1613	*140	25	70	3385	*160	30	100	5459
43	361.1	347.97	*125	25	68	1668	*140	25	70	3529	*160	30	100	5697
44	369.1	356.05	*125	25	68	1725	*140	25	70	3675	*160	30	100	5937
45	377.1	364.12	*125	25	68	1782	*140	25	70	3824	*160	30	100	6182
46	385.2	372.20	*125	25	68	1842	*140	25	70	3978	*160	30	100	6521
47	393.2	380.28	*125	25	68	1902	*140	25	70	4134	*160	30	100	6780
48	401.3	388.36	*125	25	68	1963	*140	25	70	4294	*160	30	100	7047
49	409.3	396.44	*125	25	68	2026	*140	25	70	4456	*160	30	100	7317
50	417.4	404.52	*125	25	68	2090	*140	25	70	4623	*160	30	100	7595
51	425.5	412.60	*125	25	68	2156	*150	25	85	4992	*180	30	110	8086
52	433.6	420.68	*125	25	68	2223	*150	25	85	5165	*180	30	110	8383
53	441.7	428.76	*125	25	68	2291	*150	25	85	5342	*180	30	110	8685
54	448.3	436.84	*125	25	68	2347	*150	25	85	5488	*180	30	110	8936
55	457.9	444.92	*125	25	68	2431	*150	25	85	5705	*180	30	110	9306
56	466.0	453.01	*125	25	68	2503	*150	25	85	5891	*180	30	110	9625
57	474.0	461.08	*125	25	68	2575	*150	25	85	6078	*180	30	110	9945
58	482.1	469.16	*133	25	68	2699	*150	25	85	6271	*180	30	110	10275
59	490.2	477.24	*133	25	68	2774	*150	25	85	6467	*180	30	110	10610
60	498.3	485.23	*133	25	68	2851	*150	25	85	6666	*180	30	110	10951
62	514.5	501.49	*133	25	68	3008	*150	25	85	7074	*180	30	110	11649
64	530.7	517.65	*140	25	68	3217	*160	25	90	7613	*180	30	110	12370
65	538.8	525.73	*140	25	68	3300	*160	25	90	7829	*180	30	110	12738
66	546.8	533.80	*140	25	68	3383	*160	25	90	8044	*180	30	110	13107
68	562.9	549.98	*140	25	68	3554	*160	25	90	8488	*180	30	110	13867
70	579.2	566.15	*140	25	68	3732	*160	25	90	8950	*180	30	110	14659
72	595.4	582.31	*140	25	68	3914	*160	25	90	9422	*180	30	110	15467
75	619.7	606.56	*140	25	68	4197	*160	25	90	10155	*180	30	110	16722
76	627.0	614.64	*140	25	68	4284	*160	25	90	10381	*180	30	110	17109
78	643.3	630.81	*140	25	68	4482	*160	25	90	10894	*180	30	110	17988
80	660.0	646.97	*140	25	68	4690	*160	25	90	11434	*180	30	110	18912
85	699.9	687.39	*140	25	78	5303	*160	25	90	12779	*180	30	110	21215
90	740.3	727.80	*140	25	78	5859	*160	25	90	14220	*180	30	110	23684
95	781.1	768.22	*140	25	78	6452	*160	25	90	15757	*180	30	110	26317
100	821.1	808.64	*140	25	78	7064	*160	25	90	17343	*180	30	110	29035
110	902.0	889.48	*140	25	78	8394	*160	25	90	20792	*180	30	110	34942
114	934.3	921.81	*140	25	78	8960	*160	25	90	22258	*180	30	110	37456
120	982.8	970.32	*140	25	78	9846	*160	25	90	24557	*180	30	110	41395
125	1023.3	1010.73	*140	25	78	10621	*160	25	90	26565	*180	30	110	44835

Sprockets
European Standard Series

1" × 17.02mm

PLATEWHEELS 1" × 17.02mm For Chain Acc. to DIN 8187 ISO/R 606 16B-1-2-3

Z	d _e	d _p	S		D		T	
			D ₁	W	D ₂	W	D ₃	W
8	77.0	66.37	12	0.32	16	0.71	16	1.13
9	85.0	74.27	12	0.39	16	0.97	16	1.56
10	93.0	82.19	12	0.51	16	1.27	16	2.05
11	101.5	90.14	16	0.63	20	1.61	20	2.53
12	109.0	98.14	16	0.77	20	1.94	20	3.15
13	117.0	106.12	16	0.96	20	2.36	20	3.84
14	125.0	114.15	16	1.08	20	2.81	20	4.59
15	133.0	122.17	16	1.26	20	3.31	20	5.40
16	141.0	130.20	20	1.43	20	3.84	25	6.16
17	149.0	138.22	20	1.64	20	4.41	25	7.11
18	157.0	146.28	20	1.85	20	5.01	25	8.11
19	165.2	154.33	20	2.08	20	5.66	25	9.18
20	173.2	162.38	20	2.32	20	6.34	25	10.31
21	181.2	170.43	20	2.58	25	7.00	25	11.51
22	189.3	178.48	20	2.84	25	7.76	25	12.77
23	197.5	186.53	20	3.13	25	8.56	25	14.10
24	205.5	194.59	20	3.42	25	9.40	25	15.49
25	213.5	202.66	20	3.73	25	10.28	25	16.94
26	221.6	210.72	20	4.05	25	11.20	30	18.33
27	229.6	218.79	20	4.38	25	12.15	30	19.91
28	237.7	226.85	20	4.73	25	13.14	30	21.55
29	245.8	234.92	20	5.09	25	14.17	30	23.26
30	254.0	243.00	20	5.46	25	15.24	30	25.04
31	262.0	251.08	25	5.82	25	16.35	30	26.88
32	270.0	259.13	25	6.22	25	17.50	30	28.78
33	278.5	267.21	25	6.63	25	18.68	30	30.75
34	287.0	275.28	25	7.06	25	19.90	30	32.78
35	296.2	283.36	25	7.50	25	21.16	30	34.88
36	304.6	291.44	25	7.83	25	22.46	30	37.04
37	312.6	299.51	25	8.60	25	23.80	30	40.79
38	320.7	307.59	25	9.05	25	25.18	30	41.56
39	328.8	315.67	25	9.51	25	26.59	30	44.60
40	336.9	323.75	25	9.98	25	28.39	30	46.83
41	345.0	331.81	25	10.47	25	29.78	30	49.10
42	353.0	339.89	25	10.96	25	31.07	30	51.41
43	361.1	347.97	25	11.47	25	32.62	30	53.79
44	369.1	356.05	25	11.98	25	34.24	30	56.87
45	377.1	364.12	25	12.51	25	35.57	30	59.36
46	385.2	372.20	25	13.05	25	37.12	30	62.67
47	393.2	380.28	25	13.60	25	38.68	30	65.30
48	401.3	388.36	25	14.49	25	40.76	30	68.02
49	409.3	396.44	25	15.07	25	42.40	30	70.76
50	417.4	404.52	25	15.67	25	44.10	30	73.59
51	425.5	412.60	30	16.29	30	45.82	40	77.36
52	433.6	420.68	30	16.91	30	48.69	40	80.33
53	441.7	428.76	30	17.55	30	50.53	40	83.36
54	448.3	436.84	30	18.08	30	52.05	40	85.87
55	457.9	444.92	30	18.86	30	54.30	40	89.59
56	466.0	453.01	30	19.54	30	56.24	40	93.85
57	474.0	461.08	30	20.21	30	58.19	40	97.10
58	482.1	469.16	30	20.91	30	60.88	40	100.45
59	490.2	477.24	30	21.62	30	62.94	40	103.86
60	498.3	485.33	30	22.34	30	65.04	40	107.32
62	514.5	501.49	30	23.81	30	69.34	40	115.71
64	530.7	517.65	30	25.34	30	73.77	40	123.11
65	538.8	525.73	30	26.12	30	76.04	40	126.89
66	546.8	533.80	30	26.90	30	78.32	40	132.16
68	562.9	549.98	30	29.23	30	83.93	40	140.06
70	579.2	566.15	30	30.85	30	88.86	40	148.29
72	595.4	582.31	30	32.60	30	94.30	40	156.70
75	619.7	606.56	30	35.31	30	102.85	40	171.63
76	627.0	614.64	30	36.54	30	105.69	40	175.70
78	643.3	630.81	30	38.47	30	112.05	40	186.99
80	660.0	646.97	30	40.49	30	117.94	40	196.82
85	699.9	687.39	30	46.03	30	132.64	40	221.34
90	740.3	727.80	30	51.49	30	148.39	40	247.63
95	781.1	768.22	30	57.32	30	166.99	40	278.67
100	821.1	808.64	30	63.35	30	181.33	40	311.26
110	902.0	889.48	30	77.26	30	225.08	40	375.61
114	934.3	921.81	30	82.89	40	241.49	40	402.99
120	982.8	970.32	30	91.72	40	267.22	40	445.92
125	1023.3	1010.73	30	99.43	40	289.69	40	483.43



PLATEWHEELS	mm
Tooth radius r _s	26
Radius width C	2.5
Tooth width B _s	16.2
Tooth width b _s	15.8
Tooth width B _e	47.7
Tooth width B _i	79.6
CHAIN	mm
Pitch	25.4
Internal width	17.02
Roller Φ	15.88

Sprockets
European Standard Series

1"1/4 × 3/4"

SPROCKETS 1"1/4 × 3/4" For Chain Acc. to DIN 8187 ISO/R 606 20B-1-2-3

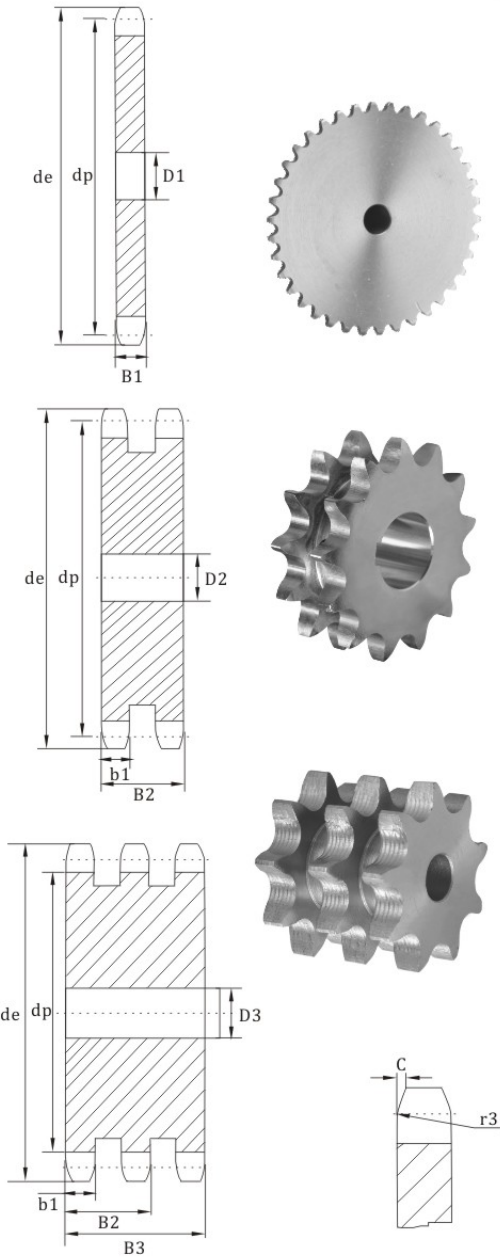
Z	d _e	d _p	SIMPLEX				DUPLEX				TRIPLEX			
			d _m	D ₁	A	W	d _m	D ₂	A	W	d _m	D ₃	A	W
8	98.1	82.96	53	20	40	0.92	53	20	75	1.58	53	20	110	2.15
9	108.0	92.84	63	20	40	1.19	63	20	75	2.19	63	20	110	3.05
10	117.9	102.74	70	20	40	1.51	70	20	75	2.85	70	20	110	4.04
11	127.8	112.68	77	20	45	2.04	80	20	80	3.72	80	20	115	5.19
12	137.8	122.68	88	20	45	2.58	90	20	80	4.66	90	20	115	6.55
13	147.8	132.65	98	20	45	3.15	100	20	80	5.70	100	20	115	8.06
14	157.8	142.68	108	20	45	3.78	110	20	80	6.84	110	20	115	9.71
15	167.9	152.72	118	20	45	4.47	120	20	80	8.08	120	20	115	11.50
16	177.9	162.75	120	20	50	5.28	120	25	80	8.90	120	25	115	13.06
17	187.9	172.78	120	25	50	5.64	120	25	80	9.92	120	25	115	14.64
18	198.0	182.85	120	25	50	6.01	*120	25	80	11.00	*120	25	115	16.54
19	208.1	192.91	120	25	50	6.55	*120	25	80	12.16	*120	25	115	18.45
20	218.1	202.98	120	25	50	6.98	*120	25	80	13.38	*120	25	115	20.48
21	228.2	213.04	140	25	55	8.64	*140	25	80	15.49	*140	25	115	23.38
22	238.3	223.11	140	25	55	9.11	*140	25	80	16.86	*140	25	115	25.64
23	248.3	233.17	140	25	55	9.60	*140	25	80	18.29	*140	25	115	28.00
24	258.4	243.23	140	25	55	10.31	*140	25	80	19.79	*140	25	115	30.49
25	268.5	253.33	140	25	55	10.85	*140	25	80	21.36	*140	25	115	33.09
26	278.6	263.40	*150	25	55	11.90	*150	25	80	23.45	*150	25	115	36.23
27	288.6	273.49	*150	25	55	12.48	*150	25	80	25.15	*150	25	115	39.06
28	298.7	283.56	*150	25	55	13.08	*150	25	80	26.93	*150	25	115	42.00
29	308.8	293.65	*150	25	55	13.71	*150	25	80	28.77	*150	25	115	45.49
30	318.9	303.75	*150	25	55	14.36	*150	25	80	30.69	*150	25	115	48.30
31	329.0	313.85	*150	25	55	15.02	*150	25	80	32.67	*150	30	115	51.91
32	339.1	323.91	*150	25	55	15.71	*150	25	80	34.72	*150	30	115	54.94
33	349.2	334.01	*150	25	55	16.42	*150	25	80	37.08	*150	30	115	58.85
34	359.3	344.10	*150	25	55	17.94	*150	25	80	39.92	*150	30	115	62.41
35	369.4	354.20	*150	25	55	18.72	*150	25	80	42.00	*150	30	115	65.76
36	379.5	364.30	*150	25	55	19.53	*150	30	80	44.13	*150	30	115	69.20
37	389.5	374.39	*150	25	55	20.35	*150	30	80	46.30	*150	30	115	73.69
38	399.6	384.49	*150	25	55	21.20	*150	30	80	48.55	*150	30	115	77.36
39	409.7	394.59	*150	25	55	22.07	*150	30	80	50.86	*150	30	115	82.22
40	419.8	404.69	*150	25	55	22.97	*150	30	80	53.22	*150	30	115	86.12
41	429.9	414.77	*150	25	70	25.49	*160	30	90	59.64	*160	30	110	91.04
42	440.0	424.86	*150	25	70	26.43	*160	30	90	62.22	*160	30	110	95.19
43	450.1	434.96	*150	25	70	27.38	*160	30	90	64.85	*160	30	110	99.43
44	460.2	445.06	*150	25	70	28.36	*160	30	90	67.55	*160	30	110	105.14
45	470.3	455.17	*150	25	70	29.36	*160	30	90	70.30	*160	30	110	109.63
46	480.4	465.25	*150	25	70	30.38	*160	30	90	73.11	*160	30	110	114.22
47	490.5	475.35	*150	25	70	31.43	*160	30	90	75.98	*160	30	110	118.91
48	500.6	485.45	*150	25	70	32.49	*160	30	90	78.91	*160	30	110	123.69
49	510.7	495.55	*150	25	70	33.58	*160	30	90	81.90	*160	30	110	128.57
50	520.8	505.65	*150	25	70	34.68	*160	30	90	84.95	*160	30	110	133.28
51	530.9	515.75	*150	25	80	36.89	*160	30	100	89.38	*180	30	123	143.30
52	541.0	525.85	*150	25	80	38.04	*160	30	100	92.55	*180	30	123	148.53
53	551.1	535.95	*150	25	80	39.21	*160	30	100	95.77	*180	30	123	153.86
54	561.2	546.05	*150	25	80	40.40	*160	30	100	99.06	*180	30	123	161.34
55	571.3	556.15	*150	25	80	41.62	*160	30	100	102.40	*180	30	123	166.93
56	581.4	566.25	*150	25	80	42.85	*160	30	100	105.80	*180	30	123	172.63
57	591.5	576.35	*150	25	80	44.11	*160	30	100	112.14	*180	30	123	178.43
58	601.6	586.45	*150	25	80	45.39	*160	30	100	115.75	*180	30	123	184.32
59	611.7	596.56	*150	25	80	46.69	*160	30	100	119.43	*180	30	123	190.31
60	621.8	606.66	*150	25	80	48.01	*160	30	100	123.16	*180	30	123	196.41
62	642.0	626.86	*150	25	80	50.72	*160	30	100	130.81	*180	30	123	211.53
64	662.2	647.07	*150	25	80	53.51	*160	30	100	142.26	*180	30	123	224.57
65	672.3	657.17	*150	25	80	54.94	*160	30	100	146.40	*180	30	123	231.52
66	682.4	667.27	*150	25	80	56.39	*180	30	100	152.23	*200	30	123	239.29
68	702.6	687.48	*150	25	80	59.35	*180	30	100	160.82	*200	30	123	253.13
70	722.8	707.68	*150	25	80	62.40	*180	30	100	169.66	*200	30	123	267.37
72	743.1	727.89	*150	25	80	65.55	*180	30	100	178.80	*200	30	123	282.08
75	773.3	758.20	*150	25	80	70.40	*180	30	100	192.85	*200	30	123	304.72
76	783.5	768.32	*150	25	80	72.08	*180	30	100	197.72	*200	30	123	312.57
80	823.9	808.71	*150	25	80	78.96	*180	30	100	217.65	*200	30	123	353.27
85	874.4	859.23	*150	25	90	89.10	*180	30	100	243.94	*200	30	123	396.69
90	924.9	909.76	*150	25	90	98.71	*180	30	100	271.79	*200	30	123	442.67
95	975.2	960.28	*150	25	90	108.81	*180	30	100	301.08	*200	30	123	491.02
100	1026.0	1010.80	*150	25	90	119.56	*180	30	100	332.22	*200	30	123	542.43
114	1167.4	1152.26	*150	25	90	152.32	*180	30	100	427.17	*200	30	126	699.86

Sprockets
European Standard Series

1"1/4 × 3/4"

PLATEWHEELS 1"1/4 × 3/4" For Chain Acc. to DIN 8187 ISO/R 606 20B-1-2-3

Z	d _e	d _p	S		D		T	
			D ₁	W	D ₂	W	D ₃	W
8	98.1	82.96	16	0.60	20	1.28	20	2.02
9	108.0	92.84	16	0.76	20	1.74	20	2.79
10	117.9	102.74	16	0.95	20	2.28	20	3.77
11	127.8	112.68	16	1.25	20	2.89	20	4.53
12	137.8	122.68	20	1.48	20	3.56	20	5.64
13	147.8	132.65	20	1.75	20	4.31	20	7.23
14	157.8	142.68	20	2.04	20	5.12	20	8.20
15	167.9	152.72	20	2.36	20	6.00	20	9.65
16	177.9	162.75	20	2.70	25	6.78	25	11.07
17	187.9	172.78	20	3.06	25	7.80	25	12.75
18	198.0	182.85	20	3.43	25	8.89	25	14.54
19	208.1	192.91	20	3.85	25	10.05	25	16.45
20	218.1	202.98	20	4.29	25	11.27	25	18.47
21	228.2	213.04	25	4.72	25	12.56	25	20.62
22	238.3	223.11	25	5.09	25	13.93	25	22.87
23	248.3	233.17	25	5.60	25	15.36	25	25.24
24	258.4	243.23	25	6.18	25	16.86	25	27.72
25	268.5	253.33	25	6.67	25	18.43	25	30.32
26	278.6	263.40	25	7.21	25	20.07	25	33.03
27	288.6	273.49	25	7.81	25	21.17	25	35.86
28	298.7	283.56	25	8.53	25	23.56	25	38.80
29	308.8	293.65	25	9.07	25	25.39	25	42.30
30	318.9	303.75	25	9.73	25	27.30	25	45.11
31	329.0	313.85	25	10.42	25	29.29	30	48.62
32	339.1	323.91	25	11.30	25	31.34	30	51.65
33	349.2	334.01	25	11.87	25	33.69	30	55.46
34	359.3	344.10	25	12.97	25	35.66	30	58.71
35	369.4	354.20	25	13.71	25	37.70	30	62.83
36	379.5	364.30	25	14.47	30	40.27	30	66.31
37	389.5	374.39	25	15.24	30	42.93	30	70.70
38	399.6	384.49	25	16.04	30	45.19	30	74.41
39	409.7	394.59	25	16.86	30	48.63	30	79.17
40	419.8	404.69	25	17.70	30	50.46	30	83.12
41	429.9	414.77	30	18.56	30	52.92	30	88.20
42	440.0	424.86	30	19.45	30	55.44	40	92.40
43	450.1	434.96	30	20.35	30	59.38	40	96.69
44	460.2	445.06	30	21.27	30	62.07	40	101.07
45	470.3	455.17	30	22.22	30	64.83	40	105.56
46	480.4	465.25	30	23.71	30	67.64	40	112.73
47	490.5	475.35	30	24.72	30	70.51	40	117.52
48	500.6	485.45	30	25.74	30	73.45	40	122.41
49	510.7	495.55	30	26.79	30	76.44	40	127.40
50	520.8	505.65	30	27.86	30	80.41	40	132.49
51	530.9	515.75	30	28.96	30	83.56	40	139.26
52	541.0	525.85	30	30.07	30	86.77	40	144.61
53	551.1	535.95	30	31.20	30	90.04	40	150.06
54	561.2	546.05	30	32.35	30	93.37	40	155.61
55	571.3	556.15	30	33.53	30	97.86	40	161.26
56	581.4	566.25	30	35.11	30	101.35	40	168.91
57	591.5	576.35	30	36.34	30	104.90	40	174.83
58	601.6	586.45	30	37.59	30	109.73	40	180.86
59	611.7	596.56	30	39.29	30	113.45	40	186.98
60	621.8	606.66	30	40.60	30	117.23	40	193.20
62	642.0	626.86	30	43.28	30	124.97	40	208.28
64	662.2	647.07	30	46.05	30	132.95	40	221.59
65	672.3	657.17	30	47.98	30	137.04	40	228.40
66	682.4	667.27	30	49.43	30	142.76	40	235.31
68	702.6	687.48	30	52.40	30	151.33	40	249.45
70	722.8	707.68	30	55.46	30	160.16	40	265.47
72	743.1	727.89	30	58.62	30	171.14	40	285.24
75	773.3	758.20	30	63.48	30	185.34	40	305.54
76	783.5	768.32	30	66.57	30	190.26	40	313.65
80	823.9	808.71	30	73.61	30	210.38	40	350.64
85	874.4	859.23	30	82.91	30	239.54	40	394.94
90	924.9	909.76	30	92.76	30	268.01	40	441.88
95	975.2	960.28	30	103.13	30	297.95	40	491.25
100	1026.0	1010.80	30	114.15	30	333.35	40	543.76
114	1167.4	1152.26	30	147.78	40	431.56	40	703.97



PLATEWHEELS	mm
Tooth radius r _i	32
Radius width C	3.5
Tooth width B _i	18.5
Tooth width b _i	18.2
Tooth width B _e	54.6
Tooth width B _s	91
CHAIN	mm
Pitch	31.75
Internal width	19.56
Roller Φ	19.05

Sprockets
European Standard Series

1"1/2 × 1"

SPROCKETS 1"1/2 × 1" For Chain Acc. to DIN 8187 ISO/R 606 24B-1-2-3

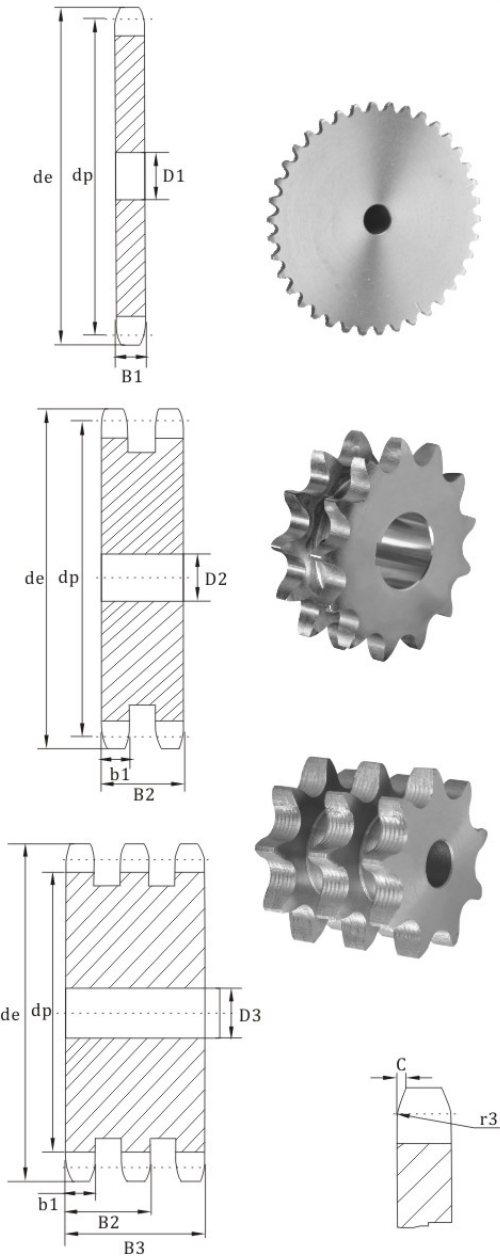
Z	d _e	d _p	SIMPLEX				DUPLEX				TRIPLEX			
			d _m	D ₁	A	W	d _m	D ₂	A	W	d _m	D ₃	A	W
8	115.0	99.55	58	20	45	138	58	25	95	270	58	25	140	400
9	126.4	111.40	70	20	45	190	70	25	95	379	70	25	140	562
10	138.0	123.29	80	20	45	247	80	25	95	501	80	25	140	745
11	150.0	135.21	90	25	50	327	90	25	100	662	90	25	150	973
12	162.0	147.22	102	25	50	409	102	25	100	828	102	25	150	1224
13	174.2	159.18	114	25	50	500	114	25	100	1013	114	25	150	1502
14	186.2	171.22	128	25	50	609	128	25	100	1224	128	25	150	1816
15	198.2	183.26	132	25	50	684	132	25	100	1408	132	25	150	2109
16	210.3	195.30	*136	25	55	820	*136	25	100	1588	*136	25	150	2425
17	222.3	207.34	*136	25	55	887	*136	25	100	1780	*140	25	150	2742
18	234.3	219.42	*136	25	55	959	*150	25	100	2108	*150	25	150	3212
19	246.5	231.49	*136	25	55	1040	*160	25	100	2326	*160	25	150	3574
20	258.6	243.57	*136	25	55	1137	*160	25	100	2557	*160	25	150	3957
21	270.6	255.65	*150	25	60	1328	*160	25	100	2801	*160	30	150	4298
22	282.7	267.73	*150	25	60	1413	*160	25	100	3059	*160	30	150	4725
23	294.8	279.80	*150	25	60	1502	*160	25	100	3329	*160	30	150	5174
24	306.8	291.88	*150	25	60	1594	*160	25	100	3613	*160	30	150	5644
25	319.0	304.00	*150	25	60	1691	*160	25	100	3909	*160	30	150	6137
26	331.0	316.08	*150	30	60	1791	*160	30	100	4219	*160	30	150	6652
27	343.2	328.19	*150	30	60	1895	*160	30	100	4541	*160	30	150	7188
28	355.2	340.27	*150	30	60	2083	*160	30	100	4877	*160	30	150	7746
29	367.3	352.38	*150	30	60	2198	*160	30	100	5226	*160	30	150	8400
30	379.5	364.50	*150	30	60	2319	*160	30	100	5588	*160	40	150	8933
31	391.6	376.62	*150	30	60	2442	*160	30	100	5919	*160	40	150	9611
32	403.7	388.69	*150	30	60	2569	*160	30	100	6307	*160	40	150	10182
33	415.8	400.81	*150	30	60	2700	*160	30	100	6708	*160	40	150	10917
34	427.8	412.93	*150	30	60	2833	*160	30	100	7121	*160	40	150	11525
35	440.0	425.04	*150	30	60	2973	*160	30	100	7549	*160	40	150	12325
36	452.0	437.16	*150	30	60	3114	*160	30	100	7989	*160	40	150	12976
37	464.2	449.27	*150	30	60	3262	*160	30	100	8519	*160	40	150	13655
38	476.2	461.39	*150	30	60	3410	*160	30	100	8940	*160	40	150	14532
39	488.5	473.50	*150	30	60	3566	*160	30	100	9383	*160	40	150	15263
40	500.6	485.62	*150	30	60	3724	*160	30	100	9830	*160	40	150	16210
41	512.6	497.72	*160	30	90	4301	*180	30	100	10377	*200	40	150	17184
42	524.7	509.83	*160	30	90	4466	*180	30	100	10846	*200	40	150	17966
43	536.8	521.95	*160	30	90	4635	*180	30	100	11325	*200	40	150	19010
44	549.0	534.07	*160	30	90	4809	*180	30	100	11819	*200	40	150	19846
45	561.2	546.19	*160	30	90	4987	*180	30	100	12323	*200	40	150	20701
46	573.3	558.30	*160	30	90	5167	*180	30	100	12835	*200	40	150	21843
47	585.4	570.42	*160	30	90	5352	*180	30	100	13358	*200	40	150	22739
48	597.4	582.54	*160	30	90	5538	*180	30	100	13886	*200	40	150	23645
49	609.5	594.66	*160	30	90	5730	*180	30	100	14430	*200	40	150	24577
50	621.7	606.78	*160	30	90	5927	*180	30	100	15589	*200	40	150	25536
51	633.8	618.90	*160	30	100	6249	*180	30	110	16348	*200	40	150	26505
52	646.0	631.01	*160	30	100	6454	*180	30	110	16952	*200	40	150	27502
53	658.0	643.13	*160	30	100	6659	*180	30	110	17558	*200	40	150	28661
54	670.2	655.28	*160	30	100	6872	*180	30	110	18185	*200	40	150	29907
55	682.3	667.40	*160	30	100	7086	*180	30	110	18818	*200	40	150	30964
56	694.4	679.51	*160	30	100	7305	*180	30	110	19463	*200	40	150	32440
57	706.5	691.63	*160	30	100	7527	*180	30	110	20634	*200	40	150	33548
58	718.6	703.74	*160	30	100	7754	*180	30	110	21318	*200	40	150	34675
59	730.7	715.86	*160	30	100	7984	*180	30	110	22014	*200	40	150	35821
60	742.8	727.97	*160	30	100	8217	*180	30	110	22721	*200	40	150	36986
62	767.2	752.24	*160	30	100	8700	*180	30	110	24182	*200	40	150	39393
64	791.3	776.48	*160	30	100	9193	*200	30	110	25822	*220	40	150	41978
65	803.4	788.59	*160	30	100	9446	*200	30	110	26587	*220	40	150	43283
66	815.6	800.71	*160	30	100	9705	*200	30	120	27584	*220	40	150	44526
68	839.8	824.98	*160	30	100	10221	*200	30	120	29145	*220	40	150	47143
70	864.2	849.21	*160	30	100	10774	*200	30	120	30819	*220	40	150	49857
72	888.4	873.48	*160	30	100	11330	*200	30	120	32499	*220	40	150	52625
75	924.8	909.83	*160	30	100	12194	*200	30	120	35112	*220	40	150	56931
76	936.9	921.98	*160	30	100	12489	*200	30	120	36004	*220	40	150	59121
80	985.4	970.44	*160	30	100	13709	*200	30	120	39694	*220	40	150	65277
85	1046.0	1031.10	*160	30	100	15320	*200	30	120	44565	*220	40	150	73402
90	1167.3	1152.33	*160	30	100	18831	*200	30	120	55184	*220	40	150	91112

Sprockets
European Standard Series

1"1/2 × 1"

PLATEWHEELS 1"1/2 × 1" For Chain Acc. to DIN 8187 ISO/R 606 24B-1-2-3

Z	d _e	d _p	S		D		T	
			D ₁	W	D ₂	W	D ₃	W
8	115.0	99.55	20	0.98	25	2.31	25	3.67
9	126.4	111.40	20	1.32	25	3.18	25	5.10
10	138.0	123.29	20	1.69	25	4.19	25	6.75
11	150.0	135.21	20	2.07	25	5.33	25	8.42
12	162.0	147.22	20	2.53	25	6.59	25	10.50
13	174.2	159.18	20	3.03	25	7.99	25	12.81
14	186.2	171.22	20	3.57	25	9.52	25	15.33
15	198.2	183.26	20	4.16	25	11.18	25	18.08
16	210.3	195.30	25	4.79	25	12.85	25	21.04
17	222.3	207.34	25	5.47	25	14.77	25	24.22
18	234.3	219.42	25	6.19	25	16.82	25	27.61
19	246.5	231.49	25	6.95	25	19.00	25	31.23
20	258.6	243.57	25	7.76	25	21.31	25	35.06
21	270.6	255.65	25	8.57	25	23.75	30	38.60
22	282.7	267.73	25	9.46	25	26.33	30	42.87
23	294.8	279.80	25	10.40	25	29.03	30	47.36
24	306.8	291.88	25	11.38	25	31.86	30	52.07
25	319.0	304.00	25	12.41	25	34.83	30	56.99
26	331.0	316.08	30	13.47	30	37.93	30	62.14
27	343.2	328.19	30	14.59	30	41.86	30	67.50
28	355.2	340.27	30	15.74	30	44.84	30	73.08
29	367.3	352.38	30	16.94	30	47.95	30	79.11
30	379.5	364.50	30	18.91	30	51.18	40	84.45
31	391.6	376.62	30	19.47	30	55.18	40	92.20
32	403.7	388.69	30	20.80	30	58.64	40	97.98
33	415.8	400.81	30	22.18	30	62.98	40	105.29
34	427.8	412.93	30	23.60	30	66.67	40	111.46
35	440.0	425.04	30	25.06	30	71.35	40	117.91
36	452.0	437.16	30	26.60	30	75.75	40	125.87
37	464.2	449.27	30	28.12	30	80.28	40	132.75
38	476.2	461.39	30	29.71	30	84.95	40	139.70
39	488.5	473.50	30	31.58	30	90.11	40	150.56
40	500.6	485.62	30	33.16	30	94.63	40	158.11
41	512.6	497.72	30	34.77	40	99.22	40	167.73
42	524.7	509.83	30	36.43	40	103.96	40	175.74
43	536.8	521.95	30	38.56	40	110.09	40	183.94
44	549.0	534.07	30	40.34	40	115.15	40	192.40
45	561.2	546.19	30	42.15	40	120.32	40	201.04
46	573.3	558.30	30	44.47	40	127.03	40	212.24
47	585.4	570.42	30	46.37	40	132.45	40	221.30
48	597.4	582.54	30	48.29	40	137.93	40	230.46
49	609.5	594.66	30	50.27	40	145.23	40	242.65
50	621.7	606.78	30	52.30	40	151.10	40	252.46
51	633.8	618.90	30	54.36	40	158.82	40	265.37
52	646.0	631.01	30	56.47	40	165.00	40	275.68
53	658.0	643.13	30	58.59	40	171.18	40	286.02
54	670.2	655.28	30	61.45	40	177.59	40	296.72
55	682.3	667.40	30	63.69	40	184.06	40	307.53
56	694.4	679.51	30	65.96	40	190.65	40	318.54
57	706.5	691.63	30	68.28	40	199.57	40	329.74
58	718.6	703.74	30	70.64	40	206.46	40	344.96
59	730.7	715.86	30	73.04	40	213.47	40	356.67
60	742.8	727.97	30	76.30	40	220.60	40	368.58
62	767.2	752.24	40	81.40	40	237.94	40	397.57
64	791.3	776.48	40	86.59	40	253.13	40	422.94
65	803.4	788.59	40	89.26	40	260.93	40	435.99
66	815.6	800.71	40	91.99	40	271.87	40	449.31
68	839.8	824.98	40	97.44	40	287.97	40	475.92
70	864.2	849.21	40	103.28	40	305.23	40	504.45
72	888.4	873.48	40	110.32	40	322.57	40	533.10
75	924.8	909.83	40	119.54	40	349.54	40	577.68
76	936.9	921.98	40	122.69	40	358.75	40	592.90
80	985.4	970.44	40	135.72	40	405.48	40	663.08
85	1046.0	1031.10	40	152.93	40	456.89	40	747.14
95	1167.3	1152.33	40	190.46	40	569.00	40	930.47



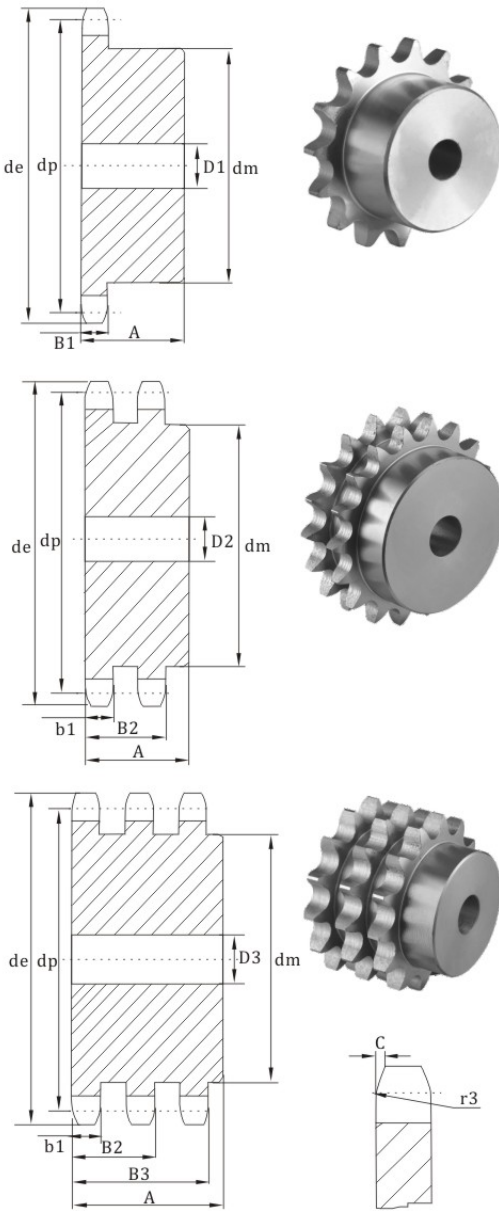
PLATEWHEELS	mm
Tooth radius r ₁	38
Radius width C	4
Tooth width B ₁	24.1
Tooth width b ₁	23.6
Tooth width B ₂	72
Tooth width B ₃	120.3
CHAIN	mm
Pitch	38.1
Internal width	25.4
Roller Φ	25.4

Sprockets
European Standard Series

1"3/4 × 1"1/4

SPROCKETS 1"3/4 × 1"1/4 For Chain Acc. to DIN 8187 ISO/R 606 28B-1-2-3

Z	d _e	d _p	SIMPLEX				DUPLEX				TRIPLEX			
			d _m	D ₁	A	W	d _m	D ₂	A	W	d _m	D ₃	A	W
8	132.0	116.15	74	25	70	2.86	74	25	120	4.75	74	30	180	7.04
9	148.4	129.96	88	25	70	4.00	88	25	120	6.66	88	30	180	9.89
10	162.3	143.85	100	25	70	5.18	100	25	120	8.79	100	30	180	13.10
11	176.3	157.77	112	25	70	6.51	112	25	120	11.19	112	30	180	16.73
12	189.5	171.74	125	25	70	8.04	125	25	120	13.91	125	30	180	20.84
13	204.2	185.75	*125	25	70	8.88	*125	25	120	16.25	*125	30	180	24.70
14	218.2	199.76	*125	25	70	9.79	*125	25	120	18.81	*125	30	180	28.93
15	232.3	213.79	*125	25	70	10.77	*145	25	120	22.64	*145	30	180	34.58
16	246.3	227.84	*160	30	75	14.96	*160	30	120	26.52	*160	30	180	40.44
17	260.0	241.91	*160	30	75	16.09	*160	30	120	29.74	*160	30	180	45.77
18	274.0	255.98	*160	30	75	17.28	*160	30	120	33.17	*160	30	180	51.76
19	289.0	270.06	*160	30	75	18.51	*180	30	120	38.14	*180	30	180	58.07
20	303.0	284.15	*160	30	75	19.75	*180	30	120	42.02	*180	30	180	64.49
21	317.0	298.24	*160	30	75	21.31	*180	30	120	49.10	*180	30	180	71.28
22	331.0	312.34	*160	30	75	22.87	*180	30	120	50.40	*180	30	180	80.16
23	345.0	326.44	*160	30	75	24.36	*180	30	120	54.92	*180	30	180	85.94
24	359.0	340.55	*160	30	75	26.00	*180	30	120	59.51	*180	30	180	94.64
25	373.0	354.66	*160	30	75	27.70	*180	30	120	64.71	*180	40	180	112.07
26	387.0	368.77	*160	30	75	29.48	*180	30	120	69.23	*180	40	180	115.26
27	401.4	382.88	*160	30	75	31.86	*180	30	120	75.09	*180	40	180	123.49
28	416.0	397.00	*160	30	75	33.77	*180	30	120	80.22	*180	40	180	132.12
29	430.0	411.12	*160	30	75	35.66	*180	30	120	86.50	*180	40	180	140.69
30	444.0	425.24	*160	30	75	37.62	*180	30	120	91.83	*180	40	180	148.79
31	458.0	439.37	*180	30	75	41.13	*180	30	120	98.66	*180	40	180	160.84
32	472.0	453.49	*180	30	75	43.21	*180	30	120	104.41	*180	40	180	170.37
33	486.0	467.62	*180	30	75	45.96	*180	30	120	111.81	*180	40	180	180.19
34	500.0	481.75	*180	30	75	48.19	*180	30	120	117.98	*180	40	180	190.29
35	514.0	495.88	*180	30	75	50.48	*200	30	120	127.18	*200	40	180	210.04
36	529.0	510.01	*180	30	75	53.01	*200	30	120	136.03	*180	40	180	220.72
37	543.0	524.14	*180	30	75	56.17	*200	30	120	142.91	*180	40	180	232.14
38	557.0	538.27	*180	30	75	58.69	*200	30	120	149.97	*200	40	180	245.08
39	571.0	552.40	*180	30	75	61.27	*200	30	120	157.21	*200	40	180	257.08
40	585.0	566.54	*180	30	75	63.92	*200	30	120	164.62	*200	40	180	272.89
45	656.0	637.22	*180	30	90	80.78	200	30	120	204.98	200	40	180	340.68
50	726.0	707.91	*180	30	90	96.58	200	30	120	249.25	200	40	180	425.69
57	825.0	806.89	*180	30	100	123.27	200	30	120	319.47	200	40	180	546.64
60	869.0	849.32	*180	30	100	135.43	200	30	130	355.58	200	40	190	607.46
76	1095.0	1075.6	*180	30	100	207.74	200	30	130	558.27	200	40	190	956.52



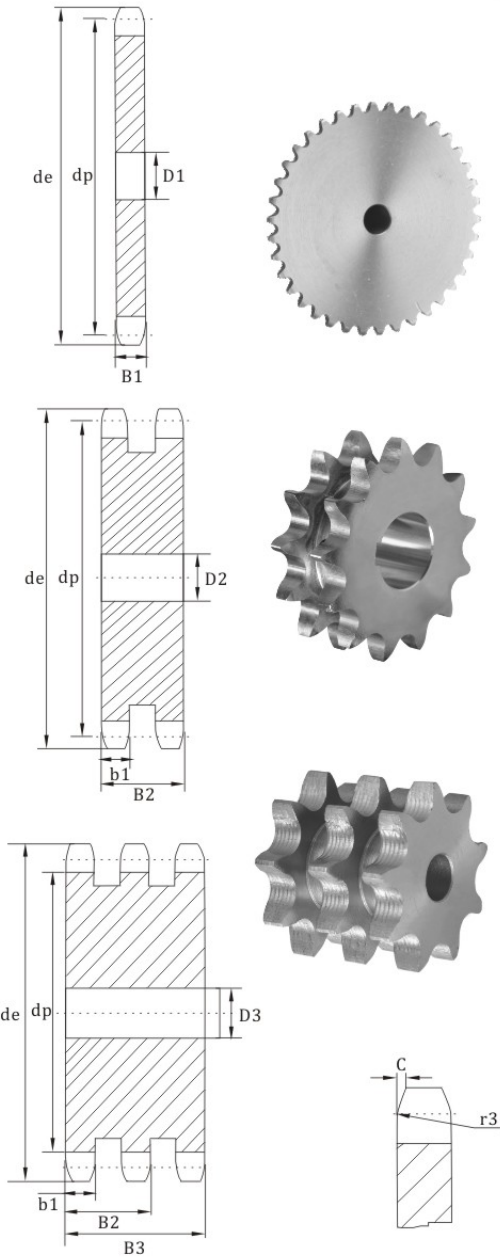
SPROCKETS	mm
Tooth radius r ₁	44
Radius width C	5
Tooth width B ₁	29.4
Tooth width b ₁	28.8
Tooth width B ₂	88.4
Tooth width B ₃	148
CHAIN	mm
Pitch	44.45
Internal width	30.99
Roller Φ	27.94
Material: C 45	*Weld- on hub

Sprockets
European Standard Series

1"3/4 × 1"1/4

PLATEWHEELS 1"3/4 × 1"1/4 For Chain Acc. to DIN 8187 ISO/R 606 28B-1-2-3

Z	d _e	d _p	S		D		T	
			D ₁	W	D ₂	W	D ₃	W
8	132.0	116.15	20	1.71	25	8.16	25	6.39
9	148.4	129.96	20	2.26	25	9.37	25	8.80
10	162.3	143.85	20	2.88	25	12.03	25	11.56
11	176.3	157.77	25	3.53	25	13.56	30	14.44
12	189.5	171.74	25	4.29	25	16.05	30	17.93
13	204.2	185.75	25	5.12	25	19.81	30	21.79
14	218.2	199.76	25	6.03	25	21.74	30	26.02
15	232.3	213.79	25	7.01	25	23.55	30	30.61
16	246.3	227.84	30	8.02	30	26.47	30	35.57
17	260.0	241.91	30	9.14	30	29.50	30	40.89
18	274.0	255.98	30	10.34	30	32.76	30	46.58
19	289.0	270.06	30	11.61	30	36.44	30	52.64
20	303.0	284.15	30	12.95	30	40.06	30	59.06
21	317.0	298.24	30	14.37	30	43.85	30	65.20
22	331.0	312.34	30	15.86	30	47.81	30	73.03
23	345.0	326.44	30	17.42	30	51.94	30	79.34
24	359.0	340.55	30	19.05	30	56.24	30	88.27
25	373.0	354.66	30	20.76	30	60.71	40	95.29
26	387.0	368.77	30	22.54	30	65.35	40	105.31
27	401.4	382.88	30	24.39	30	70.30	40	113.29
28	416.0	397.00	30	26.32	30	75.51	40	121.68
29	430.0	411.12	30	28.51	30	80.68	40	131.70
30	444.0	425.24	30	30.40	30	86.02	40	142.21
31	458.0	439.37	30	32.34	30	91.53	40	153.24
32	472.0	453.49	30	34.35	30	97.21	40	162.75
33	486.0	467.62	30	37.28	30	103.06	40	172.55
34	500.0	481.75	30	39.45	30	109.09	40	182.63
35	514.0	495.88	30	41.69	30	115.28	40	193.00
36	529.0	510.01	30	44.16	30	122.11	40	214.65
37	543.0	524.14	30	47.07	30	128.66	40	226.17
38	557.0	538.27	30	49.53	30	135.37	40	237.98
39	571.0	552.40	30	53.23	30	142.27	40	250.09
40	585.0	566.54	30	55.87	30	149.33	40	262.51
45	656.0	637.22	30	70.26	30	187.77	40	337.95
50	726.0	707.91	30	87.01	30	229.99	40	418.74
57	825.0	806.89	40	113.56	40	296.99	40	540.72
60	869.0	849.32	40	126.08	40	329.51	40	599.94
76	1095.0	1075.6	40	203.89	40	570.32	40	952.56



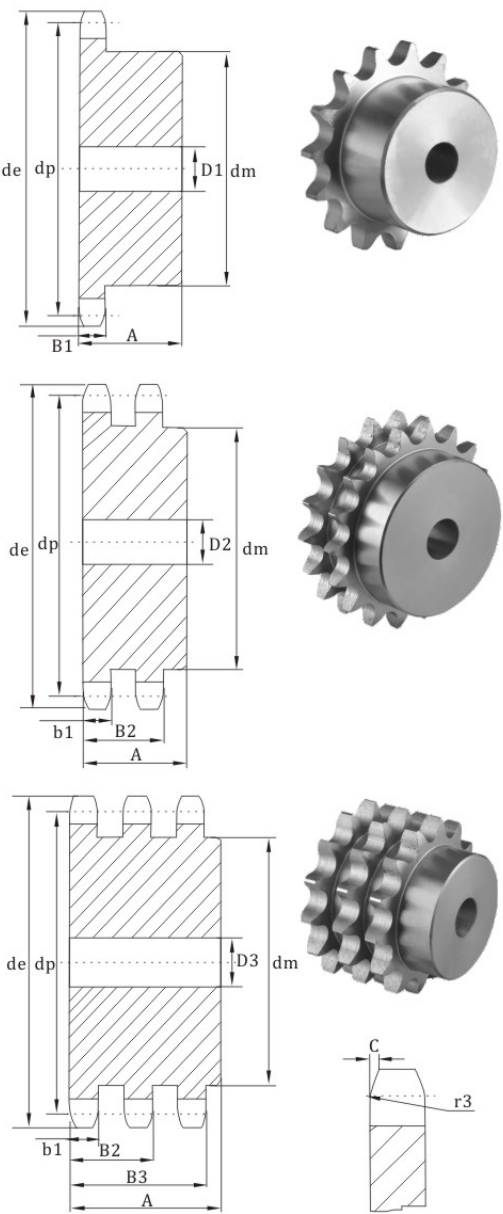
PLATEWHEELS	mm
Tooth radius r ₁	44
Radius width C	5
Tooth width B ₁	29.4
Tooth width b ₁	28.8
Tooth width B ₂	88.4
Tooth width B ₃	148
CHAIN	mm
Pitch	44.45
Internal width	30.99
Roller Φ	27.94
Material:C 45	

Sprockets
European Standard Series

2" × 1"1/4

SPROCKETS 2" × 1"1/4 For Chain Acc. to DIN 8187 ISO/R 606 32B-1-2-3

Z	d _e	d _p	SIMPLEX				DUPLEX				TRIPLEX			
			d _m	D ₁	A	W	d _m	D ₂	A	W	d _m	D ₃	A	W
8	153.2	132.69	82	25	80	420	82	30	120	665	82	30	180	990
9	169.0	148.54	88	25	80	578	88	30	120	914	88	30	180	1365
10	185.0	164.44	104	25	80	760	104	30	120	1201	104	30	180	1797
11	200.8	180.34	120	30	80	926	120	30	120	1475	120	30	180	2222
12	216.8	196.29	*133	30	80	1091	*133	30	120	1795	*133	30	180	2723
13	232.8	212.29	*145	30	80	1305	*145	30	120	2168	*145	30	180	3298
14	248.8	228.29	*145	30	80	1425	*145	30	120	2503	*145	30	180	3850
15	264.8	244.30	*145	30	80	1553	*160	30	120	2930	*160	30	180	4504
16	280.9	260.40	*160	30	90	1987	*160	30	120	3321	*160	30	180	5150
17	296.9	276.40	*160	30	90	2135	*180	30	120	3876	*180	30	180	6145
18	313.0	292.55	*160	30	90	2294	*180	30	120	4324	*180	30	180	6885
19	329.1	308.66	*160	30	90	2453	*200	30	120	4952	*200	30	180	7673
20	345.2	324.71	*180	30	90	2850	*200	30	120	5456	*200	30	180	8507
21	361.3	340.82	*180	30	90	3036	*200	30	120	5987	*200	40	180	9389
22	377.5	356.98	*180	30	90	3280	*200	30	120	6547	*200	40	180	10415
23	393.6	373.08	*180	30	90	3479	*200	30	120	7135	*200	40	180	11254
24	409.7	389.18	*180	30	90	3687	*200	30	120	7752	*200	40	180	12479
25	425.8	405.33	*180	30	90	3903	*200	30	120	8366	*200	40	180	13413
26	441.9	421.44	*180	30	90	4127	*200	30	120	9069	*200	40	180	14585
27	458.1	437.59	*180	30	90	4360	*200	30	120	9781	*200	40	180	15611
28	474.2	453.69	*180	30	90	4601	*200	30	120	10426	*200	40	180	16898
29	490.4	469.90	*180	30	90	4851	*200	30	120	11253	*200	40	180	18012
30	506.5	486.00	*180	30	90	5108	*200	30	120	11952	*200	40	180	19417
32	538.8	518.26	*180	30	90	5648	*200	30	120	13791	*200	40	180	22150
35	589.5	566.72	*180	30	90	6563	*200	30	120	16350	*200	40	180	26632
38	635.5	615.14	*180	30	90	7463	*200	30	120	19371	*200	40	180	31664
40	670.3	647.49	*180	30	90	8188	*200	30	120	21455	*200	40	180	36013
45	751.0	728.25	*180	30	100	10175	*200	30	120	27057	*200	40	180	44936
50	831.8	809.04	*180	30	100	12213	*200	30	120	32988	*200	40	180	54877
57	945.0	922.16	*180	30	100	15416	*220	30	120	42447	*220	40	180	70647
60	993.4	970.65	*200	30	110	17355	*220	30	130	47044	*220	40	180	77929
76	1252.0	1229.30	*200	30	110	26588	*220	30	130	73911	*238	40	180	123108



SPROCKETS	mm
Tooth radius r ₁	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
Material:C 45 *Weld- on hub	

Sprockets European Standard Series

2" × 1"1/4

PLATEWHEELS 2" × 1"1/4

For Chain Acc. to DIN 8187

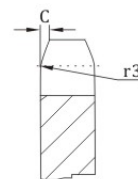
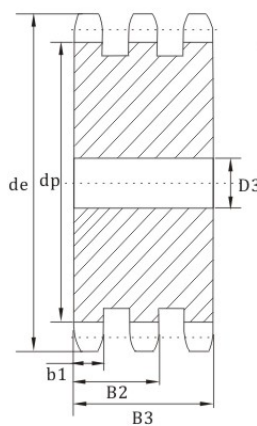
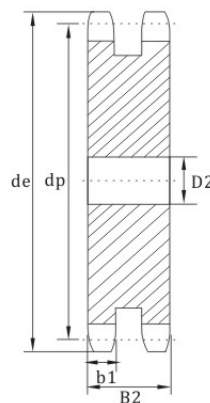
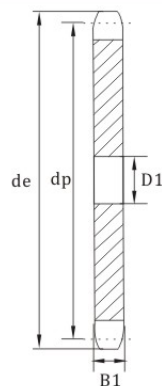
ISO/R 606

32B-1-2-3

EUROPEAN STANDARD
SERIES

Mr.Sprocket

Z	d _e	d _p	S		D		T	
			D ₁	W	D ₂	W	D ₃	W
8	153.2	132.69	25	2.37	25	10.13	25	8.83
9	169.0	148.54	25	3.19	25	12.32	25	11.99
10	185.0	164.44	25	3.91	25	14.76	25	15.63
11	200.8	180.34	30	4.77	30	17.39	30	19.20
12	216.8	196.29	30	5.77	30	20.28	30	23.78
13	232.8	212.29	30	6.57	30	23.38	30	28.83
14	248.8	228.29	30	7.86	30	26.70	30	34.35
15	264.8	244.30	30	8.90	30	30.25	30	40.34
16	280.9	260.40	30	10.02	30	34.04	30	46.47
17	296.9	276.40	30	11.83	30	38.03	30	53.40
18	313.0	292.55	30	13.69	30	42.26	30	60.80
19	329.1	308.66	30	15.36	30	46.72	30	68.68
20	345.2	324.71	30	16.99	30	51.41	30	77.02
21	361.3	340.82	30	18.51	30	56.31	40	85.84
22	377.5	356.98	30	20.17	30	61.48	40	96.28
23	393.6	373.08	30	21.89	30	66.83	40	104.67
24	409.7	389.18	30	23.80	30	72.41	40	116.43
25	425.8	405.33	30	26.31	30	78.22	40	125.76
26	441.9	421.44	30	28.34	30	84.24	40	137.21
27	458.1	437.59	30	30.45	30	90.53	40	147.45
28	474.2	453.69	30	34.43	30	97.01	40	162.05
29	490.4	469.90	30	36.77	30	103.75	40	173.31
30	506.5	486.00	30	39.18	30	110.67	40	184.88
32	538.8	518.26	30	45.58	30	125.24	40	217.06
35	589.5	566.72	30	54.34	30	149.92	40	259.83
38	635.5	615.14	30	63.08	30	174.23	40	309.23
40	670.3	647.49	40	72.16	40	193.83	40	344.03
45	751.0	728.25	40	91.87	40	243.31	40	431.85
50	831.8	809.04	40	113.96	40	298.49	40	529.78
57	945.0	922.16	40	148.86	40	385.26	40	683.79
60	993.4	970.65	40	165.24	40	425.73	40	755.62
76	1252.0	1229.30	40	267.00	40	676.23	40	1200.23



PLSYREHRLS	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
Material: C 45	

We produce a series of products including various power transmission components such as chains, sprockets, gears, racks, pulleys, taper bushes, couplings, etc.

In addition, we also provide wholesale, customized product services and free samples to meet the requirements of our customers.

If you have any needs or questions, please contact us and we will reply to you at once.



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