

嵊州市明日机械有限公司
Shengzhou Tomorrow Machinery Co., Ltd

No.327, North zhenxing Road, Sanjie Town,
Shengzhou, Shaoxing City, Zhejiang, China.

Tel: +86-575-83081255

Fax: +86-575-83080895

<http://www.mrsprocket.com>

Nik@mrsprocket.com

SHENGZHOU TOMORROW MACHINERY CO., LTD



2018版



SHENGZHOU TOMORROW
MACHINERY CO., LTD

嵊州市明日机械有限公司

ABOUT US

嵊州市明日机械有限公司创办于2011年，位于浙江绍兴嵊州市，公司专业生产各类不同的传动零部件，如标准链轮，完成孔链轮，锥孔链轮，齿轮，轴，联轴器，皮带轮，同步带轮等，产品结构正向多元化发展。公司产品全部出口，远销欧洲，美洲，韩国，日本及东南亚等国家。

明日机械秉持注重细节，追求产品价值的理念，制造出品质稳定，外观精美，价格合理，交期及时的产品，满足各大客户的需求，致力于成为一家年轻，负责，专业的传动件生产商。

A Youthful, Professional, Responsible Sprocket Manufacturer

Mr.Sprocket (Shengzhou Tomorrow Machinery Co., Ltd was applied for the trademark) was found in 2011, located in Sanjie Industrial Park, Shengzhou City, Zhejiang China.

We professionally manufacture all types of mechanical power transmission products, such as standard sprockets, finished bore sprockets, taper bore sprockets, gears, shafts, couplings, V-belt pulleys, timing pulleys and so on, Our products are all exported to Europe, The United State, Canada, Korea, Japan and southeast Asia and other countries.

Mr.Sprocket has gained steady development with the idea of centering on details and pursuing value. dedicated to manufacturing products with stable quality, elegant appearance, reasonable price, timely delivery. that will lead to continued growth for both our customers and Mr.Sprocket.



POWER TRANSMISSION PRODUCTS
CATALOGUE

EUROPEAN STANDARD SERIES-----A

P₀₁₋₃₅

Sprockets
Plate wheels



P₃₆₋₄₂

Finished Bore Sprockets



P₄₃₋₄₃

Stainless Steel Sprockets



P₄₄₋₄₇

Taper Bore Sprockets



P₄₈₋₄₉

Cast Iron Sprockets



P₅₀₋₅₂

Platewheels For Conveyor Chain
Table Top Wheels



P₅₃₋₅₃

Ball Bearing Idler Sprockets



P₅₄₋₅₄

Double Sprockets for Two Single Chains



P₅₅₋₅₆

Spur Gears



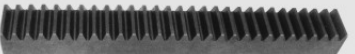
P₅₇₋₆₀

Bevel Gears



P₆₁₋₆₁

Racks



AMERICAN STANDARD SERIES-----B

P₀₁₋₃₀

Steel Stock Bore Sprockets



P₃₁₋₄₃

Finished Bore Sprockets



P₄₄₋₄₈

Double Sprockets for Two Single Chains



P₄₉₋₆₁

Taper Bore Sprockets



P₆₂₋₆₅

Double Pitch Sprockets



P₆₆₋₈₄

Sprockets with Split Taper Bushings



P₈₅₋₁₀₂

Sprockets with QD Bushings



ASIAN STANDARD SERIES-----C

P₀₁₋₁₄

Finished Bore Sprockets



P₁₅₋₄₆

Stock Bore Sprockets & Platewheels



P₄₇₋₅₁

Double Pitch Sprockets



P₅₂₋₅₃

Double Sprockets for Two Single Chains



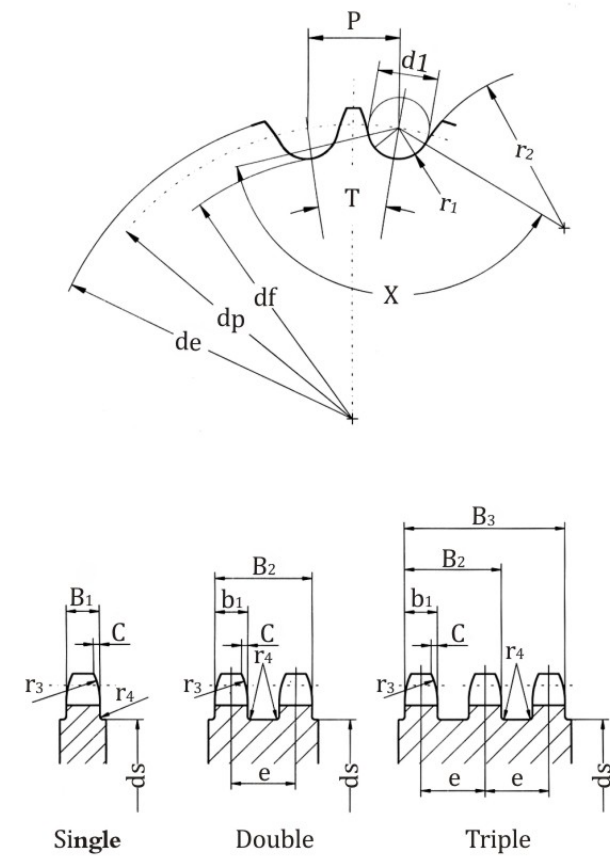
P₅₄₋₅₄

Chain couplings



Tooth Profiles of Sprockets

Tooth Space Profile
For Roller Chains DIN8187-ISO/R606



Dimensions in mm

Permissible tolerance

Root diameter h11
Tooth width h14
Radial runout between bore and root diameter:
0.0008df+0.08 or 0.15
(depending on which value is larger)
but not to exceed 0.76mm
Axial runout between bore and gear rim face:
0.0009df+0.08,not to exceed 1.14mm
P=Pitch Z=Teeth d1=Roller Diameter

Formulae

Pitch Diameter

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

Root Diameter

$$df=da-d1$$

Tip Diameter

$$de_{max.}=dp+1.25P-d1$$
$$de_{min.}=dp+(1-1.6/Z)P-d1$$

Groove Diameter

$$ds=P*\cot(180^{\circ}/Z)-1.05g-2r4-1$$

(g=max.height of chain link plate)

Roller bed radius

$$r1_{max.}=0.505d1+0.069\sqrt[3]{d1}$$
$$r1_{min.}=0.505d1$$

Roller bed angle

$$X_{max.}=140^{\circ}-90^{\circ}/Z$$
$$X_{min.}=120^{\circ}-90^{\circ}/Z$$

Tooth flank radius

$$r2_{max.}=0.008d1(Z+180)$$
$$r2_{min.}=0.12d1(P-d1)$$

Tooth width P≤12.7 P≥12.7

Single sprocket B1	0.93b	0.95b
Double and triple sprocket b1	0.91b	0.93b
Quadruple sprocket and above b1	0.88b	0.93b

(b=internal width of chain)

Tooth Chamfer

$$C=0.1 \text{ bis/to } 0.15p$$

Tooth Chamfer Radius

$$r_3=\geq P$$



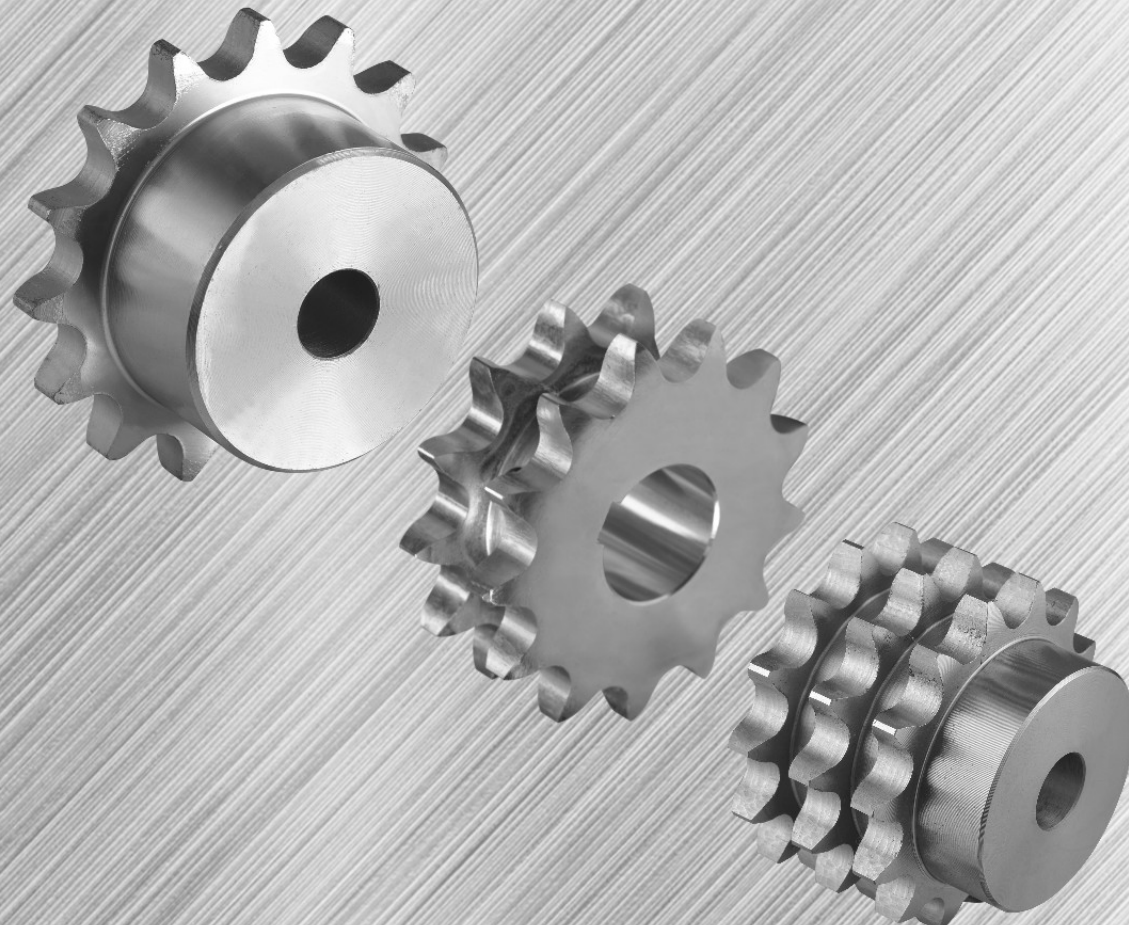
NOTE:CATALOG DIMENSIONS

Every effort is made to keep all catalog dimensions and styles current in the catalog,however from time to time,it is necessary because of manufacturing changes to alter stock products dimensionally.
If any stock product dimension or style shown in this catalog is critical to your application please consult for certification.

ALL RIGHTS RESERVED,REPRINTING MUST BE TRACED

Sprockets

European Standard Series



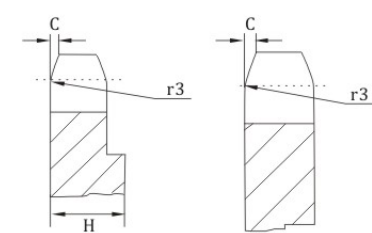
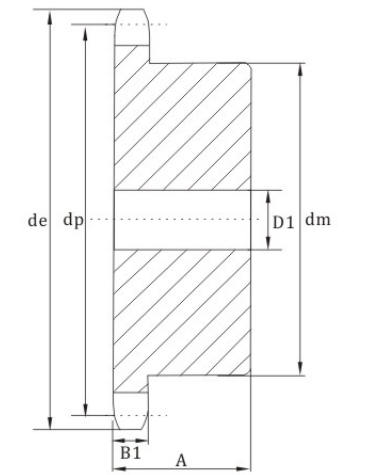
Sprockets

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
MrSprocket

Sprockets
European Standard Series

5 × 2.5mm

03B-1

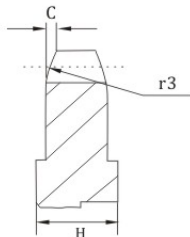
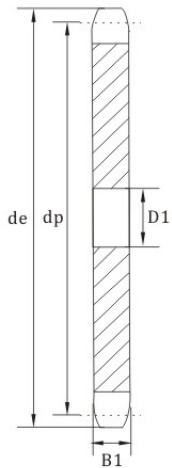
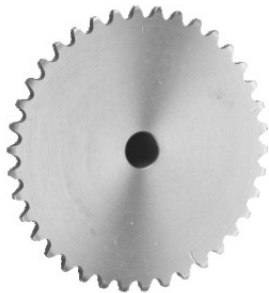
PLATEWHEELS 5 × 2.5mm

For Chain Acc. to DIN 8187

ISO/R 606

03B-1

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	119.40	12	0.19
76	123.1	120.99	12	0.19
78	126.3	124.17	12	0.20
80	129.5	127.35	12	0.21
85	137.5	135.31	14	0.24
90	145.4	143.27	14	0.27
95	153.4	151.22	14	0.30
100	161.3	159.18	14	0.33
110	177.2	175.09	14	0.40
114	183.6	181.45	14	0.43
120	193.2	191.01	14	0.48
125	201.1	198.96	14	0.52



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

Sprockets
European Standard Series

6 × 2.8mm

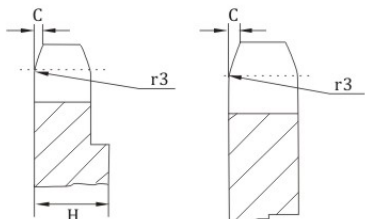
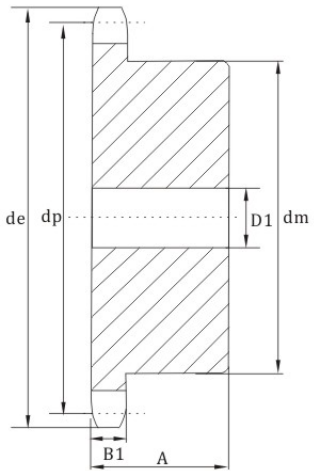
SPROCKETS 6 × 2.8mm

For Chain Acc. to DIN 8187

ISO/R 606

04B-1

Z	d _e	d _p	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

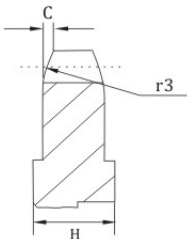
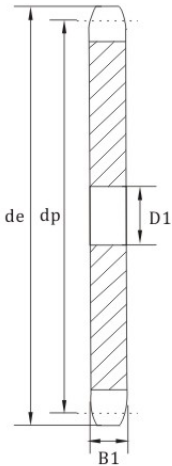
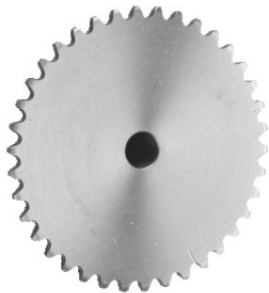
SPROCKETS 6 × 2.8mm

For Chain Acc. to DIN 8187

ISO/R 606

04B-1

Z	d _e	d _p	S	
			D _i	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"

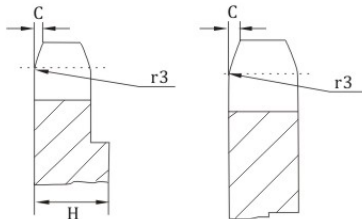
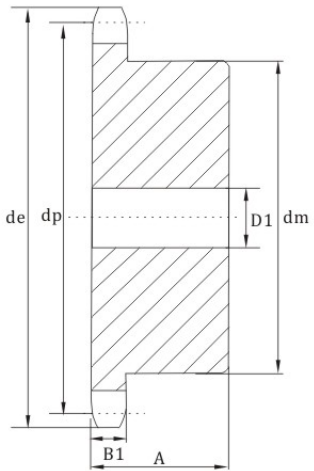
SPROCKETS 1/4" × 1/8"

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	151.63	50	10	20	
76	156.5	153.66	50	10	20	
78	160.5	157.70	70	10	30	
80	164.5	161.74	70	10	30	
85	174.6	171.85	70	10	30	
90	184.7	181.95	70	10	30	
95	194.8	192.05	70	10	30	
100	204.9	202.15	70	10	30	
110	225.1	222.37	70	10	30	
114	233.2	230.45	70	10	30	
120	245.4	242.58	70	10	30	
125	255.5	252.68	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"

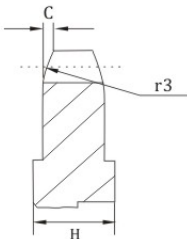
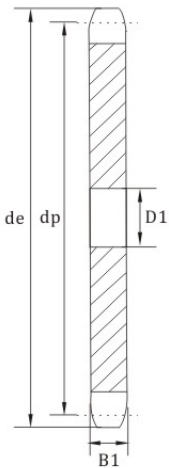
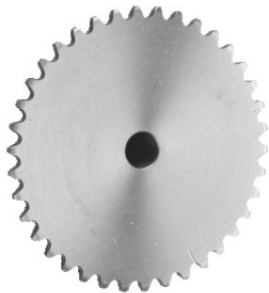
PLATEWHEELS 1/4" × 1/8"

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

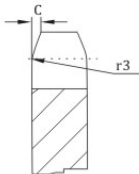
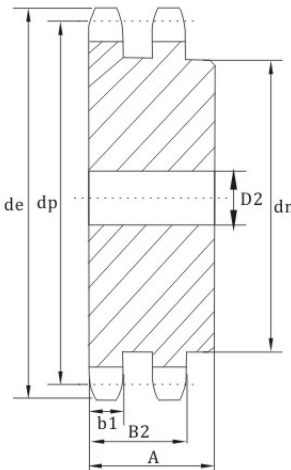
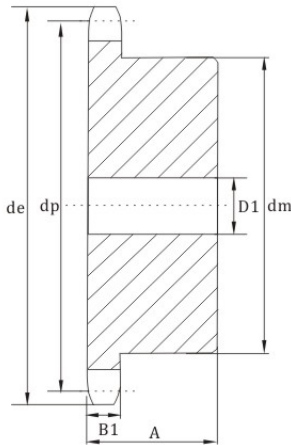
SPROCKETS 8 × 3mm

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



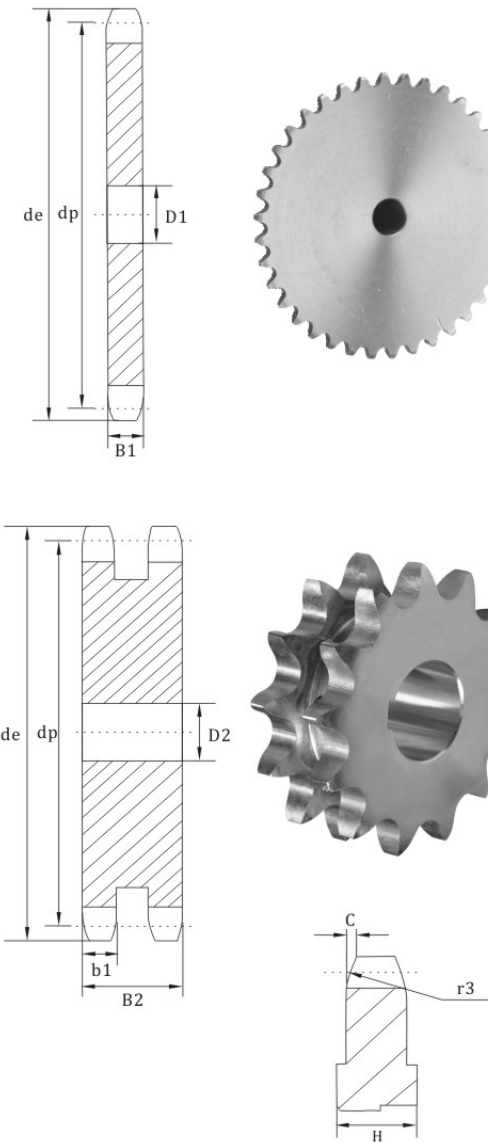
SPROCKETS	mm
Tooth radius r _i	8
Radius width C	1.0
Tooth width B _i	2.8
Tooth width b _i	2.7
Tooth width B ₂	8.3
CHAIN	mm
Pitch	8
Internal width	3
Roller Φ	5
Meterial:C 45 *Weld- on hub	

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

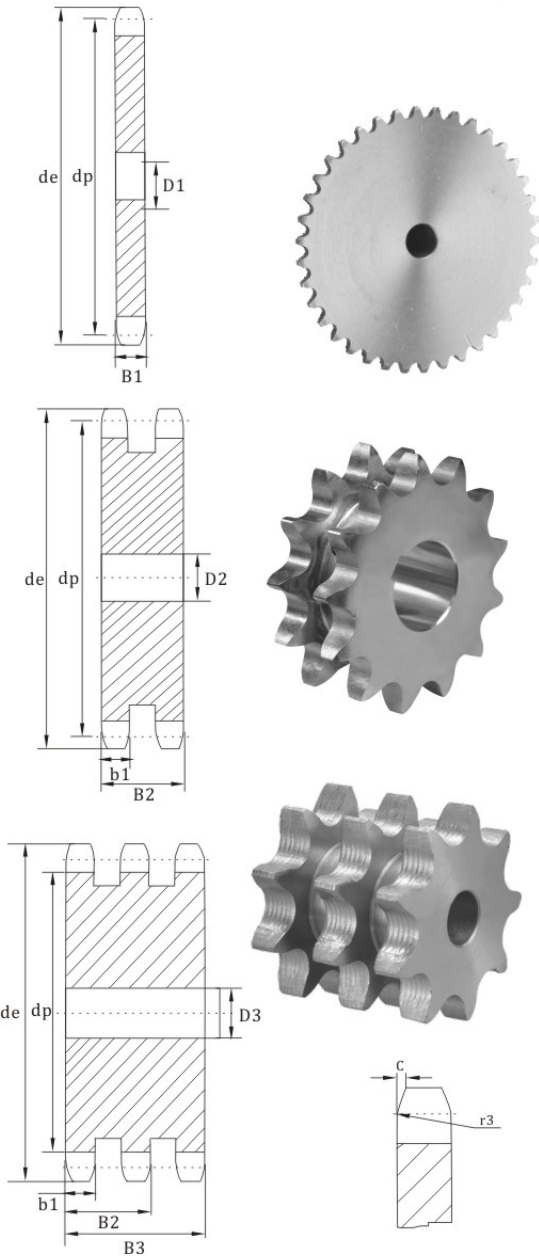
Z	d _e	d _p	SIMPLEX				DUPLEX				TRIPLEX			
			d _m	D ₁	A	W	d _m	D ₂	A	W	d _m	D ₃	A	W
8	28.0	24.89	15	8	20	0.03	15	8	22	0.04	15	8	32	0.05
9	31.0	27.85	18	8	20	0.04	18	8	22	0.05	18	8	32	0.07
10	34.0	30.82	20	8	20	0.05	20	8	22	0.07	20	10	32	0.09
11	37.0	33.80	22	8	25	0.08	22	10	25	0.10	22	10	35	0.11
12	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	9.23
78	241.0	236.55	*78	14	32	2.70	*90	16	40	6.12	*90	16	56	9.64
80	247.1	242.61	*78	14	32	2.79	*90	16	40	6.38	*90	16	56	10.06
85	262.2	257.77	*80	14	32	3.08	*90	16	40	7.24	*90	16	56	11.37
90	277.4	272.93	*80	14	32	3.33	*90	16	40	7.97	*90	16	56	12.56
95	292.5	288.08	*80	14	32	3.59	*90	16	40	8.75	*90	16	56	13.79
100	307.7	303.25	*80	14	32	3.87	*90	16	40	9.56	*90	16	56	15.11
110	338.0	333.55	*80	14	32	4.46	*90	16	40	11.30	*90	16	56	17.92
114	349.5	345.68	*80	14	32	4.70	*90	16	40	12.01	*90	16	56	19.05
120	368.3	363.86	*80	14	32	5.11	*90	16	40	13.97	*90	16	56	21.82
125	383.5	379.02	*80	14	32	5.46	*90	16	40	15.04	*90	16	56	23.55

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



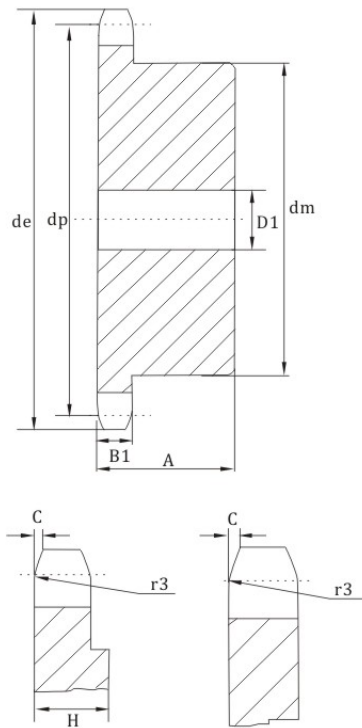
PLATEWHEELS	mm
Tooth radius r _s	10
Radius width C	1
Tooth width B ₁	5.3
Tooth width b ₁	5.2
Tooth width B ₂	15.4
Tooth width B ₃	25.6
CHAIN	mm
Pitch	9.525
Internal width	5.72
Roller Φ	6.35
H=7mm- From	
Z=100 the width of the plate is increased	

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	2.98
78	321.4	315.40	*78	16	32	3.10
80	329.4	323.48	*78	16	32	3.21
85	349.7	343.70	*80	16	32	3.56
90	369.9	363.90	*80	16	32	3.90
95	390.1	384.10	*80	16	32	6.51
100	410.3	404.31	*80	16	32	7.10
110	450.7	444.74	*80	16	32	8.36
114	466.9	460.90	*80	16	32	8.90
120	491.2	485.16	*80	16	32	9.74
125	511.4	505.37	*80	16	32	10.47



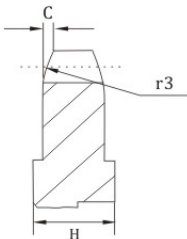
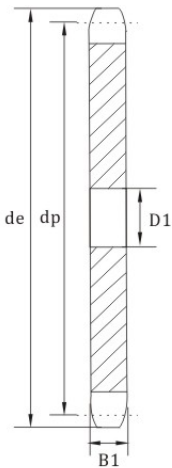
SPROCKETS	mm
Tooth radius r _s	13
Radius width C	1.0
Tooth width B ₁	3
CHAIN	mm
Pitch	12.7
Internal width	3.3
Roller Φ	7.75
Material: C 45 *Weld- on hub	
H=5mm- From Z=31	
the width of the plate is increased	

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 _i	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	307.33	25	1.64
78	321.4	315.40	25	1.72
80	329.4	323.48	25	1.81
85	349.7	343.70	25	2.04
90	369.9	363.90	25	2.28
95	390.1	384.10	25	2.54
100	410.3	404.31	25	2.80
110	450.7	444.74	25	3.38
114	466.9	460.90	25	3.63
120	491.2	485.16	25	4.02
125	511.4	505.37	25	4.36



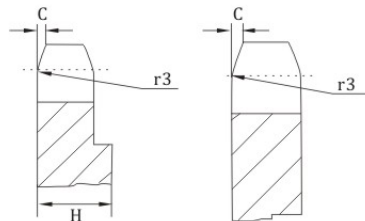
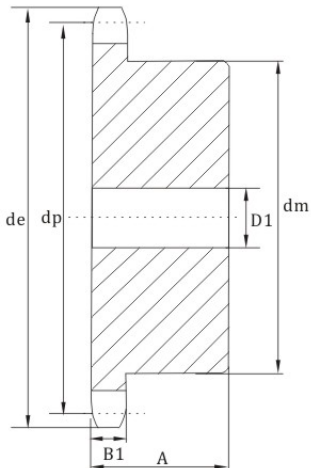
PLATEWHEELS	mm
Tooth radius r _i	13
Radius width C	1.0
Tooth width B _i	3
CHAIN	mm
Pitch	12.7
Internal width	3.3
Roller Φ	7.75
H=4mm- From	
Z=30 the width of the plate is increased	
H=6mm- From	
Z=90 the width of the plate is increased	

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 _i	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	307.33	*78	16	32	
78	321.4	315.40	*78	16	32	
80	329.4	323.48	*78	16	32	
85	349.7	343.70	*80	16	32	
90	369.9	363.90	*80	16	32	
95	390.1	384.10	*80	16	32	
100	410.3	404.31	*80	16	32	
110	450.7	444.74	*80	16	32	
114	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 _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
Material: C 45 *Weld- on hub	

Sprockets
European Standard Series

1/2" × 3/16"

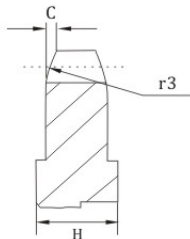
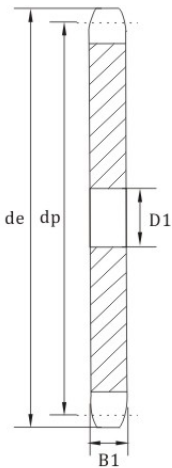
PLATEWHEELS 1/2" × 3/16"

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"

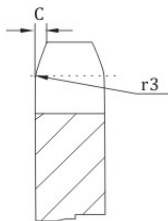
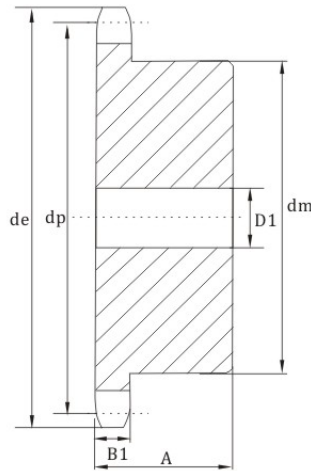
Roller 7.75

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	



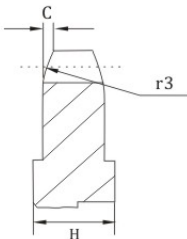
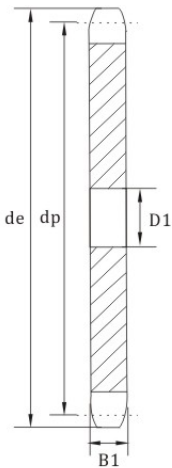
SPROCKETS	mm
Tooth radius r _i	13
Radius width C	1.3
Tooth width B _i	5.9
CHAIN	mm
Pitch	12.7
Internal width	6.4
Roller Φ	7.75
Material:C 45 *Weld- on hulb	

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	307.33	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	



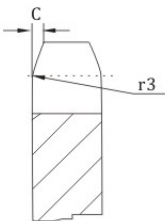
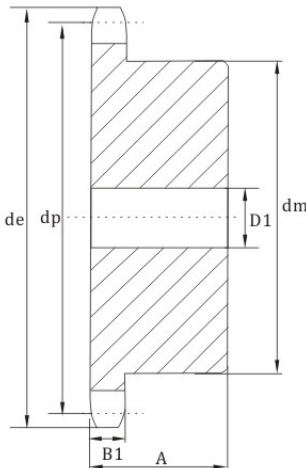
PLATEWHEELS	mm
Tooth radius r ₃	13
Radius width C	1.3
Tooth width B ₁	5.9
CHAIN	mm
Pitch	12.7
Internal width	6.4
Roller Φ	7.75
Material: C 45	

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	307.33	*90	16	40	
78	321.4	315.40	*90	16	40	
80	329.4	323.48	*90	16	40	
85	349.0	343.70	*90	16	40	
90	369.9	363.90	*90	16	40	
95	390.1	384.10	*90	16	40	
100	410.3	404.31	*90	16	40	
110	450.7	444.74	*90	16	40	
114	466.9	460.90	*90	16	40	
120	491.2	485.16	*90	16	40	
125	511.3	505.37	*90	16	40	



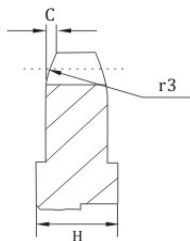
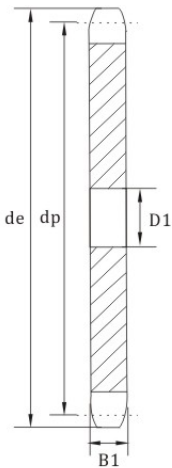
SPROCKETS	mm
Tooth radius r ₃	13
Radius width C	1.3
Tooth width B ₁	5.9
CHAIN	mm
Pitch	12.7
Internal width	6.4
Roller Φ	8.51
Material: C 45 *Weld- on hub	

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 _i	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	291.16	25	
76	313.3	307.33	25	
78	321.4	315.40	25	
80	329.4	323.48	25	
85	349.0	343.70	25	
90	369.9	363.90	25	
95	390.1	384.10	25	
100	410.3	404.31	25	
110	450.7	444.74	25	
114	466.9	460.90	25	
120	491.2	485.16	25	
125	511.3	505.37	25	



PLATEWHEELS	mm
Tooth radius r _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	1.14
19	81.7	77.16	60	12	28	0.67	62	14	35	0.97	62	16	50	1.30
20	85.8	81.19	64	12	28	0.76	66	14	35	1.10	66	16	50	1.47
21	89.7	85.22	68	12	28	0.85	70	16	40	1.29	70	16	55	1.79
22	93.8	89.24	70	12	28	0.92	70	16	40	1.37	70	16	55	1.93
23	98.2	93.27	70	14	28	0.94	70	16	40	1.46	70	16	55	2.08
24	101.8	97.29	70	14	28	0.97	75	16	40	1.64	75	16	55	2.26
25	105.8	101.33	70	14	28	1.00	80	16	40	1.82	80	16	55	2.57
26	110.0	105.36	70	16	30	1.09	85	16	40	2.02	85	20	55	2.79
27	114.0	109.40	70	16	30	1.13	85	16	40	2.12	85	20	55	2.96
28	118.0	113.42	70	16	30	1.16	90	16	40	2.34	90	20	55	3.25
29	122.0	117.46	80	16	30	1.35	95	16	40	2.56	95	20	55	3.55
30	126.1	121.50	80	16	30	1.45	100	16	40	2.79	100	20	55	3.86
31	130.2	125.54	90	16	30	1.72	100	20	40	2.87	110	20	55	4.32
32	134.3	129.56	90	16	30	1.80	100	20	40	3.00	110	20	55	4.53
33	138.4	133.60	90	16	30	1.84	100	20	40	3.13	110	20	55	4.74
34	142.6	137.64	90	16	30	1.87	100	20	40	3.26	110	20	55	4.97
35	146.7	141.68	90	16	30	1.90	100	20	40	3.40	110	20	55	5.20
36	151.0	145.72	90	16	35	2.22	100	20	40	3.54	120	25	55	5.64
37	154.6	149.76	90	16	35	2.23	100	20	40	3.69	120	25	55	5.88
38	158.6	153.80	90	16	35	2.31	100	20	40	3.84	120	25	55	6.14
39	162.7	157.83	90	16	35	2.38	100	20	40	4.00	120	25	55	6.40
40	166.8	161.87	90	16	35	2.41	100	20	40	4.15	120	25	55	6.66
41	171.4	165.91	*90	16	40	2.73	*108	20	50	5.16	*120	25	60	7.40
42	175.4	169.94	*90	16	40	2.77	*108	20	50	5.32	*120	25	60	7.66
43	179.7	173.98	*90	16	40	2.84	*108	20	50	5.50	*120	25	60	7.94
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"

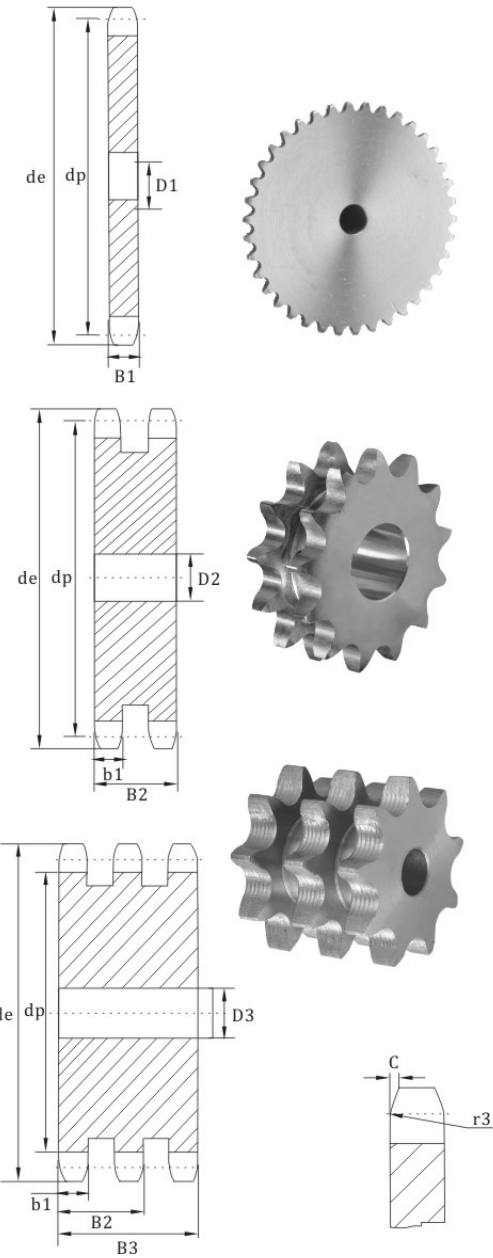
PLATEWHEELS 1/2" × 5/16"

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	7.53	25	12.51
64	265.1	258.82	25	2.81	25	8.01	25	13.47
65	269.0	262.86	25	2.89	25	8.25	25	13.87
66	273.0	266.91	25	2.98	25	8.50	25	14.44
68	281.0	274.99	25	3.16	25	9.21	25	15.30
70	289.0	283.07	25	3.34	25	9.74	25	16.19
72	297.2	291.15	25	3.53	25	10.30	25	17.12
75	309.2	303.28	25	3.82	25	11.15	25	18.53
76	313.3	307.32	25	3.92	25	11.45	25	19.02
78	321.4	315.40	25	4.13	25	12.31	25	20.24
80	329.4	323.49	25	4.34	25	12.93	25	21.26
85	349.0	343.69	25	4.87	25	14.52	25	24.13
90	369.9	363.90	25	5.47	25	16.31	25	27.11
95	390.1	384.11	25	6.08	25	18.14	25	30.15
100	410.3	404.32	25	6.73	25	20.07	25	33.35
110	450.7	444.74	25	8.12	25	24.21	25	41.06
114	466.9	460.91	25	8.72	25	25.99	25	44.10
120	491.2	485.16	25	9.65	25	28.76	25	48.58
125	511.3	505.37	25	10.45	25	31.16	25	52.56



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"

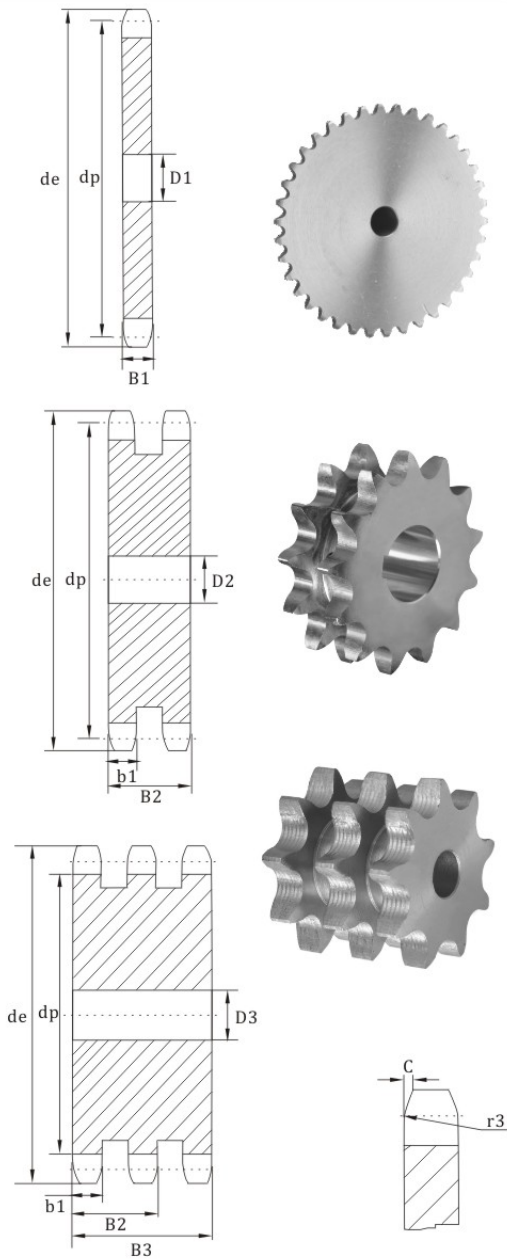
PLATEWHEELS 5/8" × 3/8"

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 ₃	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"

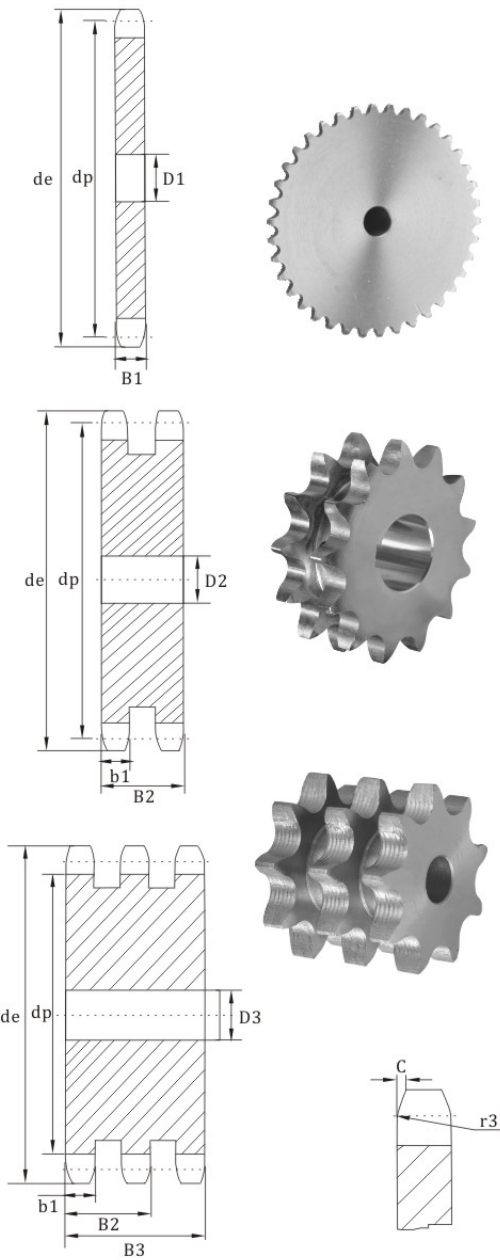
PLATEWHEELS 3/4" × 7/16"

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	984
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