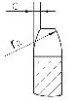


SPROCKETS			SIMPLEX			DUPLEX		
Z	d _e	d _p	d _m	D ₂	A	d _m	D ₃	A
10	35.70	30.82	20	8	20			
11	38.69	33.80	22	8	25			
12	41.68	36.80	25	8	25			
13	44.68	39.80	28	8	25	28	10	25
14	47.68	42.80	31	8	25	31	10	25
15	50.69	45.81	34	8	25	34	10	25
16	53.70	48.82	37	10	28	37	12	30
17	56.72	51.83	38	10	28	40	12	30
18	59.73	54.85	38	10	28	43	12	30
19	62.75	57.87	45	10	28	46	12	30
20	65.77	60.89	46	10	28	49	12	30
21	68.79	63.91	46	10	28	52	12	30
22	71.81	66.93	50	12	28	55	12	30
23	74.83	69.95	52	12	28	58	12	30
24	77.85	72.97	52	12	28	61	12	30
25	80.88	76.00	57	12	28	64	12	30
26	83.90	79.02	58	12	28	67	12	30
27	86.93	82.04	58	12	28	70	12	30
28	89.95	85.07	60	12	28	73	12	30
30	96.00	91.12	60	12	28			
PLATEWHEELS			S	D	T			
Z	d _e	d _p	D ₁	D ₂	D ₃			
30	96.00	91.12		12				
32	102.06	97.17	12					
36	114.17	109.29	12					
38	120.22	115.34	12	14				
40	126.28	121.40	12					
45	141.43	136.55	16	16				
48	150.52	145.64	16					
57	177.79	172.91	16	16				
76	235.37	230.49	20	20				

PITCH 3/8" X3/16

For Chain
Acc. to DIN 8188 ASA 35
ISO/R 606

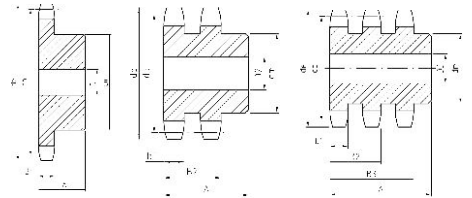


SPROCKETS & PLATEWHEELS mm

Tooth radius r ₃	10
Radius width C	1.2
Tooth width B ₁	4.4
Tooth width b ₁	4.3
Tooth width B ₂	14.4
Tooth width B ₂	24.5

CHAIN mm

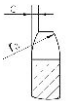
Pitch	9.525
Internal width	4.77
Roller	5.08
Material: C45	



SPROCKETS			SIMPLEX			DUPLEX			TRIPLEX		
Z	d _e	d _p	d _m	D ₁	A	d _m	D ₂	A	d _m	D ₃	A
10	47.66	41.10	26	10	25						
11	51.64	45.08	29	10	25						
12	55.63	49.07	33	10	28						
13	59.63	53.07	35	10	28	38	12	35	35	14	50
14	63.63	57.07	41	10	28	42	12	35	42	14	50
15	67.64	61.08	45	10	28	46	12	35	46	14	50
16	71.66	65.10	48	10	28	50	14	35	50	16	50
17	75.69	69.12	48	10	28	54	14	35	54	16	50
18	79.73	73.14	56	12	28	58	14	35	58	16	50
19	83.72	77.16	60	12	28	62	14	35	62	16	50
20	87.74	81.18	60	12	28	66	14	35	66	16	50
21	91.77	85.21	65	12	28	70	16	40	70	20	55
22	95.80	89.24	65	12	28	70	16	40	70	20	55
23	99.83	93.27	65	12	28	70	16	40	70	20	55
24	103.86	97.30	70	14	28	75	16	40	75	20	55
25	107.89	101.33	70	14	28	80	16	40	80	20	55
26	111.92	105.36	70	14	28	85	16	40	85	20	55
27	115.96	109.40	70	16	30	85	16	40	85	20	55
28	119.99	113.43	70	16	30	90	16	40	90	20	55
30	128.06	121.50	80	16	30	100	16	40			
32	136.13	129.57	80	16	30						
35	148.24	141.68	90	16	30						
36	152.28	145.72	90	16	30						
38	160.35	153.79	90	16	35						
40	168.43	161.87	90	16	35						
PLATEWHEELS			S	D	T						
Z	d _e	d _p	D ₁	D ₂	D ₃						
30	128.06	121.50			20						
32	136.13	129.57		16							
38	160.35	153.79		20	25						
40	168.43	161.87		20							
42	176.50	169.94	20								
45	188.62	182.06	20	20	25						
48	200.74	194.18	20								
57	237.10	230.54	20	25	25						
76	313.88	307.32	25	25	25						
95	390.67	384.11		25							

PITCH 1/2" X5/16

For Chain
Acc. to DIN 8188 ASA 40
ISO/R 606

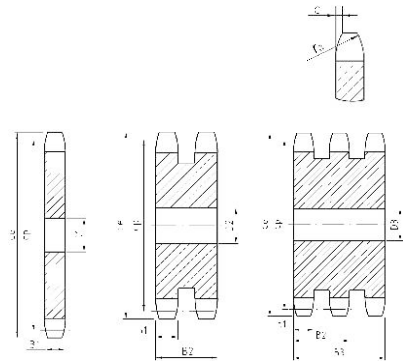


SPROCKETS & PLATEWHEELS mm

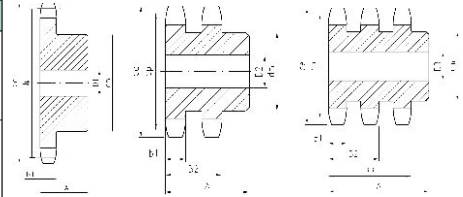
Tooth radius r ₃	13.5
Radius width C	1.6
Tooth width B ₁	7.4
Tooth width b ₁	7.2
Tooth width B ₂	21.6
Tooth width B ₃	36

CHAIN mm

Pitch	12.7
Internal width	7.94
Roller	7.94
Material: C45	

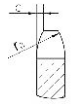


SPROCKETS			SIMPLEX			DUPLEX			TRIPLEX		
Z	d _e	d _p	d _m	D ₁	A	d _m	D ₂	A	d _m	D ₃	A
8	47.0	41.48	25	10	25						
9	52.6	46.42	30	10	25						
10	57.5	51.37	35	10	25						
11	63.0	56.34	37	12	30						
12	68.0	61.34	42	12	30				44	16	55
13	73.0	66.32	47	12	30	49	14	40	49	16	55
14	78.0	71.34	52	12	30	54	14	40	54	16	55
15	83.0	76.36	57	12	30	59	14	40	59	16	55
16	88.0	81.37	60	12	30	64	16	45	64	16	60
17	93.0	86.39	60	12	30	69	16	45	69	16	60
18	98.3	91.42	70	14	30	74	16	45	74	16	60
19	103.3	96.45	70	14	30	79	16	45	79	16	60
20	108.4	101.49	75	14	30	84	16	45	84	16	60
21	113.4	106.52	75	16	30	85	16	45	85	20	60
22	118.0	111.55	80	16	30	90	16	45	90	20	60
23	123.4	116.58	80	16	30	95	16	45	95	20	60
24	128.3	121.62	80	16	30	100	16	45	100	20	60
25	134.0	126.66	80	16	30	105	16	45	105	20	60
26	139.0	131.70	85	20	35				110	20	60
27	144.0	136.75	85	20	35				110	20	60
28	148.7	141.78	90	20	35				115	20	60
29	153.8	146.83	90	20	35						
30	158.8	151.87	90	20	35						
31	163.9	156.92	95	20	35						
32	168.9	161.95	95	20	35						
33	174.5	167.00	95	20	35						
34	179.0	172.05	95	20	35						
35	184.1	177.10	95	20	35						
36	189.1	182.15	100	20	35						
37	194.2	187.20	100	20	35						
38	199.2	192.24	100	20	35						
39	204.2	197.29	100	20	35						
40	209.3	202.34	100	20	35						



PITCH 5/8" X3/8"

For Chain
Acc. to DIN 8188 ASA 50
ISO/R 606



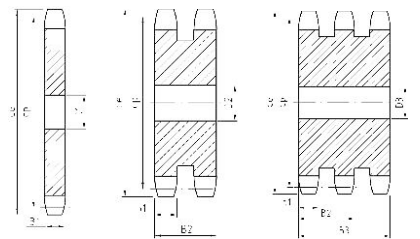
SPROCKETS mm

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

CHAIN mm

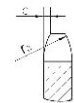
Pitch 15.875
Internal width 9.52
Roller 10.16
Material: C45

PLATEWHEELS			S	D	T	Z	d _e	d _p	S	D	T
Z	d _e	d _p	D ₁	D ₂	D ₃				D ₁	D ₂	D ₃
8	47.0	41.48	10			44	230.0	222.53	20		25
9	52.6	46.42	10			45	235.0	227.58	20	20	
10	57.5	51.37	10			48	240.1	232.63	20		
11	63.0	56.34	10			47	245.1	237.68	20		
12	68.0	61.34	10			48	250.2	242.73	20		
13	73.0	66.32	10			49	255.2	247.78	20		
14	78.0	71.34	10			50	260.3	252.82	20		
15	83.0	76.36	10			51	265.3	257.87	20		
16	88.0	81.37	12			52	270.4	262.92	20		
17	93.0	86.38	12			53	275.4	267.97	20		
18	98.3	91.42	12			54	280.5	273.03	20		
19	103.3	96.45	12			55	285.5	278.08	20		
20	108.4	101.49	12			56	290.6	283.13	25		
21	113.4	106.52	12			57	296.0	288.18	25	25	
22	118.0	111.55	12			58	300.7	293.23	25		
23	123.5	116.58	12			59	305.7	298.27	25		
24	128.3	121.62	12			60	310.8	303.32	25		
25	134.0	126.66	12			62	321.4	313.43	25		
26	139.0	131.70	16			64	331.5	323.53	25		
27	144.0	136.75	16			65	336.5	328.58	25		
28	148.7	141.78	16			66	341.6	333.63	25		
29	153.8	146.83	16			68	351.7	343.74	25		
30	158.8	151.87	16	20	20	70	361.8	353.84	25		
31	163.9	156.92	16			72	371.9	363.95	25		
32	168.9	161.95	16			75	387.1	379.09	25		
33	174.5	167.00	16			76	392.1	384.16	25	25	30
34	179.0	172.05	16			78	402.2	394.25	25		
35	184.1	177.10	16			80	412.3	404.35	25		
36	189.1	182.15	20			85	437.6	429.62	30		
37	194.2	187.20	20			90	462.8	454.88	30		
38	199.2	192.24	20	20	25	95	488.5	480.14	30	30	
39	204.2	197.29	20			100	513.4	505.39	30		
40	209.3	202.34	20			110	563.9	555.92	30		
41	214.8	207.39	20			114	584.1	576.13	30		
42	219.9	212.44	20			120	614.4	606.45	30		
43	224.9	217.49	20			125	639.7	631.51	30		



PITCH 5/8" X3/8"

For Chain
Acc. to DIN 8188 ASA 50
ISO/R 606



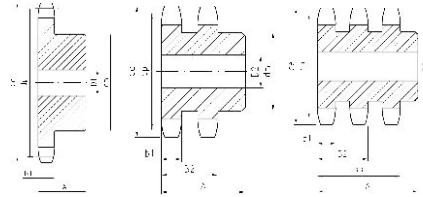
PLATEWHEELS mm

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

CHAIN mm

Pitch 15.875
Internal width 9.52
Roller 10.16

SPROCKETS			SIMPLEX			DUPLEX			TRIPLEX		
Z	d _e	d _p	d _m	D ₁	A	d _m	D ₂	A	d _m	D ₃	A
10	71.54	61.64	42	12	30	42	12	45			
11	77.51	67.61	45	12	30	47	16	50			
12	83.49	73.61	45	12	30	53	16	50	53	20	70
13	89.49	79.59	58	14	35	59	16	50	59	20	70
14	95.50	85.61	60	14	35	65	16	50	65	20	70
15	101.52	91.63	60	14	35	71	16	50	71	20	70
16	107.54	97.65	75	16	35	77	20	50	77	20	70
17	113.56	103.67	75	16	35	83	20	50	83	20	70
18	119.59	109.71	75	16	35	89	20	50	89	20	70
19	125.63	115.75	80	16	35	95	20	50	95	20	70
20	131.67	121.78	80	16	35	100	20	50	100	20	70
21	137.71	127.82	80	16	35	100	20	50	100	20	70
22	143.75	133.86	90	20	40	100	20	50	100	20	70
23	149.79	139.90	90	20	40	110	20	50	110	20	70
24	155.84	145.94	90	20	40	110	20	50	110	20	70
25	161.88	152.00	90	20	40	120	20	50	120	20	70
26	167.93	158.04	90	20	40	120	20	50			
27	173.98	164.09	90	20	40	120	20	50			
28	180.03	170.13	95	20	40	120	20	50			
30	192.14	182.25	95	20	40	120	20	50			



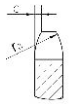
Sprockets
Platewheels

PITCH 3/4" X1/2"

For Chain

Acc. to DIN 8188 **ASA 60**

ISO/R 606



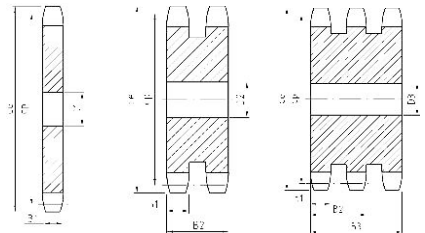
SPROCKETS mm

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

CHAIN mm

Pitch	19.05
Internal width	12.7
Roller	11.91
Material: C45	

PLATEWHEELS			S	D	T
Z	d _e	d _p	D ₁	D ₂	D ₃
30	192.14	182.25			20
32	204.24	194.35		20	
38	240.58	230.69	20	25	25
40	252.69	242.80	20	25	
45	282.98	273.09	25	25	25
48	301.16	291.27	25		
57	355.70	345.81	25	25	30
76	470.87	460.98	30	30	30
95	586.06	576.17		30	

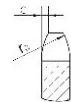


PITCH 3/4" X1/2"

For Chain

Acc. to DIN 8188 **ASA 60**

ISO/R 606



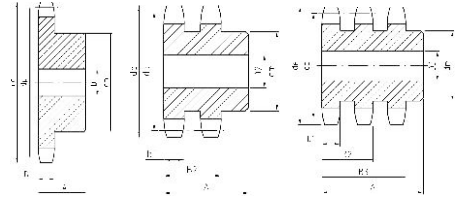
PLATEWHEELS mm

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

CHAIN mm

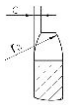
Pitch	19.05
Internal width	12.7
Roller	11.91

SPROCKETS			SIMPLEX			DUPLEX			TRIPLEX		
Z	d _e	d _p	d _m	D ₁	A	d _m	D ₂	A	d _m	D ₃	A
8	79.49	66.37	42	16	35						
9	87.38	74.27	50	16	35						
10	95.32	82.19	55	16	35						
11	103.28	90.14	61	16	40						
12	111.26	98.14	69	16	40	72	20	70	72	25	100
13	119.26	106.12	78	16	40	78	20	70	78	25	100
14	127.27	114.15	84	16	40	86	20	70	86	25	100
15	135.29	122.17	92	16	40	94	20	70	94	25	100
16	143.32	130.20	100	20	45	102	20	70	102	30	100
17	151.35	138.22	100	20	45	110	20	70	110	30	100
18	159.39	148.28	100	20	45	118	20	70	118	30	100
19	167.44	154.33	100	20	45	126	20	70	126	30	100
20	175.49	162.38	100	20	45	130	20	70	130	30	100
21	183.54	170.43	110	20	50	130	25	70			
22	191.60	178.48	110	20	50						
23	199.66	186.53	110	20	50						
24	207.72	194.59	110	20	50						
25	215.78	202.66	110	20	50						
26	223.84	210.72	120	20	50						
27	231.91	218.79	120	20	50						
28	239.98	226.85	120	20	50						
29	248.05	234.92	120	20	50						
30	256.12	243.00	120	20	50						



PITCH 1" X5/8"

For Chain
Acc. to DIN 8188 **ASA 80**
ISO/R 606



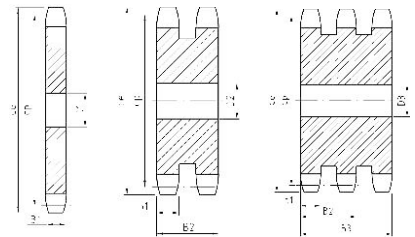
SPROCKETS

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

CHAIN

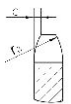
	mm
Pitch	25.4
Internal width	15.88
Roller	15.88
Material: C45	

PLATEWHEELS			S	D	T
Z	d _e	d _p	D ₁	D ₂	D ₃
10	95.32	82.19	15		
11	103.28	90.14	15		
12	111.26	98.14	15		
13	119.26	106.12	15		
14	127.27	114.15	15		
15	135.29	122.17	15		
16	143.32	130.20	19		
17	151.35	138.22	19		
18	159.39	146.28	19		
19	167.44	154.33	19		
20	175.49	162.38	19		
21	183.54	170.43	20		
22	191.60	178.48	20		
23	199.66	186.53	20		
24	207.72	194.59	20		
25	215.78	202.56	20	25	30
26	223.84	210.72	20		
27	231.91	218.79	20		
28	239.98	226.85	20		
30	256.12	243.00	20	25	30
32	272.26	259.13	25		
35	296.48	283.36	25		
38	320.70	307.59	25	25	30
45	377.24	364.12	25	25	30
50	417.64	404.52	25		
57	474.20	461.08	25	25	40
76	627.80	614.64	25	25	40



PITCH 1" X5/8"

For Chain
Acc. to DIN 8188 **ASA 80**
ISO/R 606



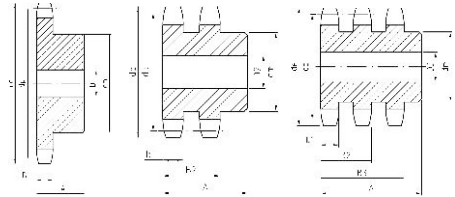
PLATEWHEELS

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

CHAIN

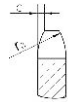
	mm
Pitch	25.4
Internal width	15.88
Roller	15.88

SPROCKETS			SIMPLEX			DUPLEX		
Z	d _e	d _p	d _m	D ₁	A	d _m	D ₂	A
8	98.1	82.96	53	20	40			
9	108.0	92.84	63	20	40			
10	117.9	102.74	70	20	40			
11	127.8	112.68	77	20	45			
12	137.8	122.68	88	20	45	90	20	80
13	147.8	132.65	98	20	45	100	20	80
14	157.8	142.68	108	20	45	110	20	80
15	167.9	152.72	118	20	45	120	20	80
16	177.9	162.75	120	25	50	120	25	80
17	187.9	172.78	120	25	50	120	25	80
18	198.0	182.85	120	25	50			
19	208.1	192.91	120	25	50			
20	218.1	202.98	120	25	50			
21	228.2	213.04	140	25	55			
22	238.3	233.11	140	25	55			
23	248.3	233.17	140	25	55			
24	258.4	243.23	140	25	55			
25	268.5	253.33	140	25	55			



PITCH 1" 1/4X3/4"

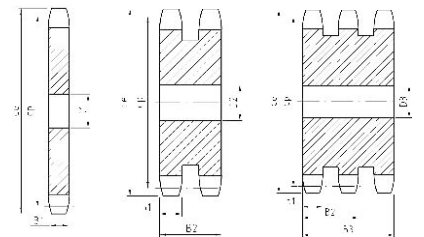
For Chain
Acc. to DIN 8188 ASA 100
ISO/R 606



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

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

PLATEWHEELS			S	D	T
Z	d _e	d _p	D ₁	D ₂	D ₃
8	98.1	82.96	16		
9	108.0	92.84	16		
10	117.9	102.74	16		
11	127.8	112.68	16		
12	137.8	122.68	20		
13	147.8	132.65	20		
14	157.8	142.68	20		
15	167.9	152.72	20		
16	177.9	162.75	20		
17	187.9	172.78	20		
18	198.0	182.85	20		
19	208.1	192.91	20	25	
20	218.1	202.98	20		
21	228.2	213.04	25		
22	238.3	233.11	25		
23	248.3	233.17	25		
24	258.4	243.23	25		
25	268.5	253.33	25	25	
26	278.6	263.40	25		
27	288.6	273.40	25		
28	298.7	283.56	25		
29	308.8	293.65	25		
30	318.9	303.75	25	25	
31	329.0	313.85	25		
32	339.1	323.91	25		
33	349.2	334.01	25		
34	359.3	344.10	25		
35	369.4	354.20	25		
36	379.5	364.30	25		
37	389.5	374.39	25		
38	399.6	384.49	25	30	
39	409.7	394.59	25		
40	419.8	404.68	25		
45	470.3	455.17	30	30	
57	591.5	576.36	30	30	



PITCH 1" 1/4X3/4"

For Chain
Acc. to DIN 8188 ASA 100
ISO/R 606



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

CHAIN	mm
Pitch	31.75
Internal width	19.05
Roller	19.05


SPROCKETS			SIMPLEX			DUPLEX		
Z	d _e	d _p	d _m	D ₁	A	d _m	D ₂	A
8	119.04	99.55	58	20	45			
9	130.88	111.40	70	20	45			
10	142.77	123.29	80	20	45			
11	154.71	135.21	90	25	50			
12	166.69	147.22	102	25	50	102	25	100
13	178.68	159.18	114	25	50	114	25	100
14	190.70	171.22	128	25	50	128	25	100
15	202.73	183.26	140	25	50	140	25	100
PLATEWHEELS			SIMPLEX			DUPLEX		
Z	d _e	d _p		D ₁			D ₂	
16	214.77	195.29		25				
17	226.83	207.35		25			25	
18	238.89	219.41		25			25	
20	263.03	243.55		25			25	
22	287.20	267.72		25				
25	323.47	303.99		25			25	
30	383.97	364.49		30			30	
32	408.19	388.71		30				
38	480.85	461.37		30			30	
45	565.67	546.19		30			40	
57	711.10	691.62					40	

PITCH 1" 1/2X1"

For Chain **ASA 120**

Acc. to DIN 8188

ISO/R 606

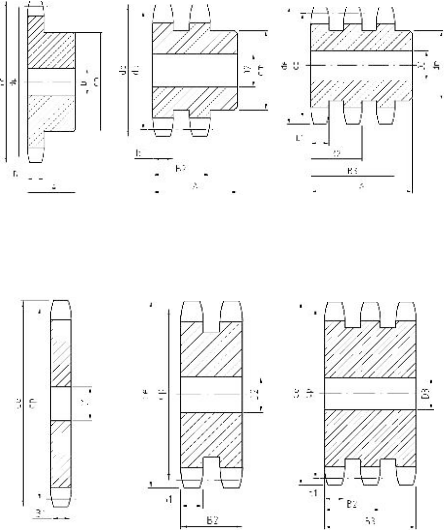


SPROCKETS & PLATEWHEELS mm

Tooth radius r₃ 40.5
 Radius width C 4.8
 Tooth width B₁ 24.1
 Tooth width b₁ 23.6
 Tooth width B₂ 69.0
 B₃ 114.5

CHAIN mm

Pitch 38.1
 Internal width 25.4
 Roller 22.22
 Material: C45



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