

**T_{aper}
B_{ore}** *Stock Sprockets*

FOR ROLLER CHAINS DIN8187-ISO/R 606

BTL

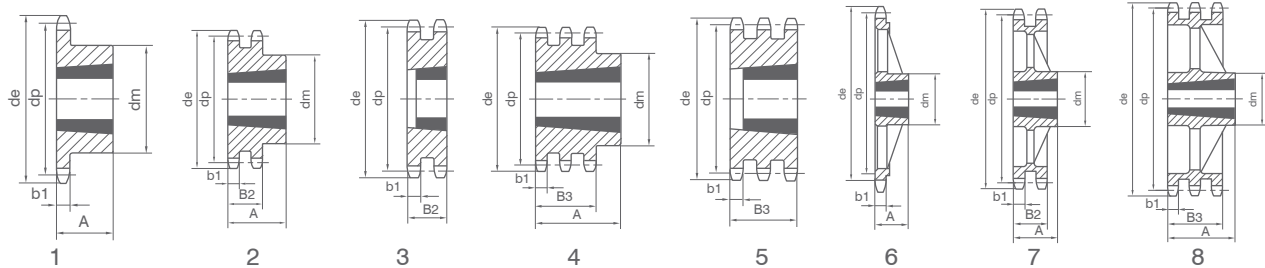
06B

3/8"X7/4"



	Pinions		mm
	Tooth radius	r ₃	10
Radius Width	C	1	
Tooth Width	B ₁	5.3	
Tooth Width	b ₁	5.2	
Tooth Width	B ₂	15.4	
Tooth Width	B ₃	25.6	

ROLLER-Ø0.635mm



06B 3/8"x7/32"

E	de	dp	SIMPLEX					DUPLEX					TRIPLEX				
			dm	A	BUSH	TYPE	Mat.	dm	A	BUSH	TYPE	Mat.	dm	A	BUSH	TYPE	Mat.
17	55.5	51.83	45	22	1008	1	1045	43	22	1008	2	1045	—	25.6	1008	5	1045
18	58.6	54.85	45	22	1008	1		43	22	1008	2		—	25.6	1008	5	
19	61.6	57.86	45	22	1008	1		46	22	1008	2		—	25.6	1008	5	
20	64.6	60.89	46	22	1008	1		48	22	1008	2		—	25.6	1008	5	
21	67.6	63.90	46	22	1008	1		49	22	1008	2		—	25.6	1008	5	
22	70.6	66.93	55	22	1108	1		52	22	1108	2		—	25.6	1210	5	
23	73.7	69.95	63	25	1210	1		59	25	1210	2		—	25.6	1210	5	
24	76.7	72.97	63	25	1210	1		61	25	1210	2		—	25.6	1210	5	
25	79.7	75.99	63	25	1210	1		64	25	1210	2		—	25.6	1210	5	
26	82.7	79.02	63	25	1210	1		65	25	1210	2		—	25.6	1210	5	
27	85.7	82.04	63	25	1210	1	70	25	1210	2	—	25.6	1210	5			
28	88.8	85.07	63	25	1210	1	70	25	1210	2	—	25.6	1210	5			
30	94.8	91.12	63	25	1210	1	75	25	1210	2	79	38	1615	4			
38	119.0	115.34	70	25	1210	1	80	25	1610	2	90	38	1615	4			
45	141.1	136.54	70	25	1210	1	80	25	1610	2							
57	177.5	172.91	83	25	1210	6	GG25	92	25	1610	7	GG25					GG25
76	235.1	230.49	83	25	1210	6		92	25	1610	7						
95	292.7	288.08	83	25	1210	6		92	25	1610	7						
114	350.3	345.68	83	25	1210	6		95	38	1615	7						

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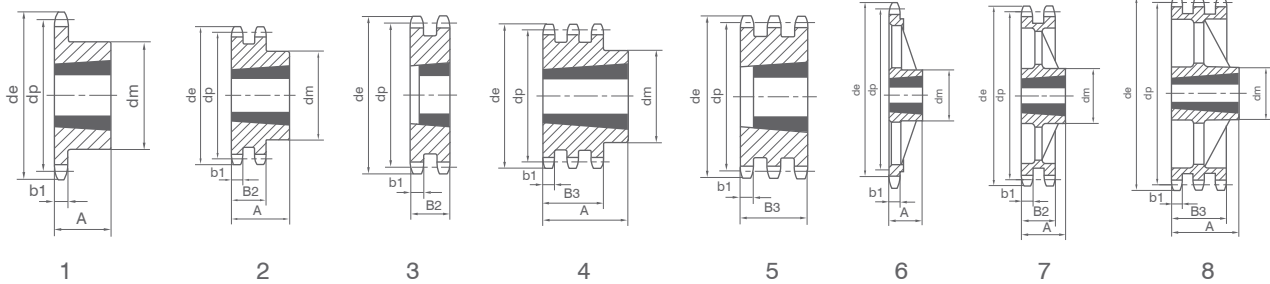
08B

1/2"X5/16"



Pinions	mm	
	Tooth Radius	r ₃
Radius Width	C	1.3
Tooth Width	B ₁	7.2
Tooth Width	b ₁	7
Tooth Width	B ₂	21
Tooth Width	B ₃	34.9

ROLLER-Ø8.51mm



08B 1/2"x5/16"

E	de	dp	SIMPLEX					DUPLEX					TRIPLEX				
			dm	A	BUSH	TYPE	Mat.	dm	A	BUSH	TYPE	Mat.	dm	A	BUSH	TYPE	Mat.
15	66.5	61.80	46	22	1008	1		46	22	1008	2		—	34.9	1008	5	
16	69.9	65.10	50	22	1108	1		50	22	1108	2		—	34.9	1210	5	
17	74.5	69.11	60	25	1210	1		56	25	1210	2		—	34.9	1210	5	
18	78.0	73.14	60	25	1210	1		60	25	1210	2		—	34.9	1210	5	
19	82.5	77.15	63	25	1210	1		62	25	1210	2		62	38	1215	4	
20	86.0	81.19	71	25	1610	1		66	25	1610	2		—	34.9	1610	5	
21	90.6	85.21	71	25	1610	1	1045	71	25	1610	2	1045	70	38	1615	4	1045
22	94.1	89.24	71	25	1610	1	1045	76	25	1610	2	1045	70	38	1615	4	1045
23	98.7	93.26	76	25	1610	1	1045	79	25	1610	2	1045	70	38	1615	4	1045
24	102.1	97.29	76	25	1610	1	1045	84	25	1610	2	1045	—	34.9	1610	5	1045
25	106.7	101.32	76	25	1610	1	1045	87	32	2012	2	1045	—	34.9	2012	5	1045
26	110.2	105.36	76	25	1610	1	1045	87	32	2012	2	1045	—	34.9	2012	5	1045
27	114.8	109.40	76	25	1610	1	1045	87	32	2012	2	1045	—	34.9	2012	5	1045
28	118.3	113.42	90	32	2012	1	GG25	87	32	2012	2	GG25	—	34.9	2012	5	GG25
30	126.9	121.49	90	32	2012	1	GG25	87	32	2012	2	GG25	—	34.9	2012	5	GG25
38	159.2	153.79	90	32	2012	1	GG25	102	32	2012	2	GG25	—	34.9	2012	5	GG25
45	188.6	182.07	102	32	2012	1	GG25	100	32	2012	7	GG25	—	34.9	2012	5	GG25
57	237.1	230.54	111	32	2012	6	GG25	111	32	2012	7	GG25	—	34.9	2012	5	GG25
76	313.9	307.33	111	32	2012	6	GG25	111	32	2012	7	GG25	—	34.9	2012	5	GG25
95	390.7	384.11	111	32	2012	6	GG25	111	32	2012	7	GG25	—	34.9	2012	5	GG25
114	467.4	460.90	120	45	2517	6	GG25	120	45	2517	7	GG25	—	34.9	2012	5	GG25

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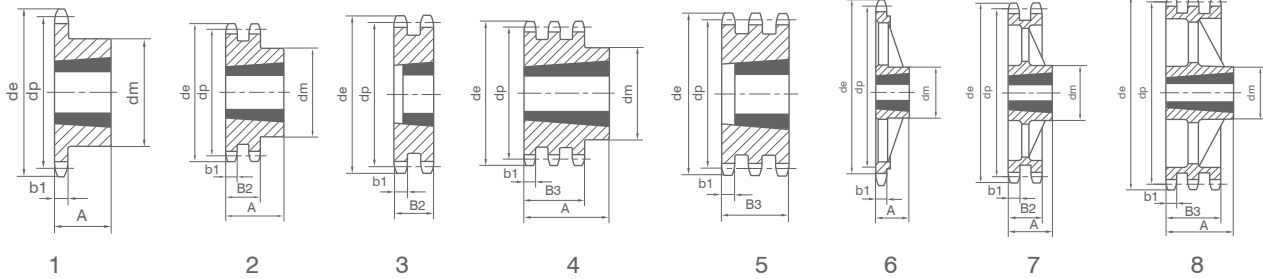
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10B

5/8"X3/8"



Pinions		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
ROLLER-Ø10.16mm		



10B 5/8"x3/8"

E	de	dp	SIMPLEX					DUPLEX					TRIPLEX					
			dm	A	BUSH	TYPE	Mat.	dm	A	BUSH	TYPE	Mat.	dm	A	BUSH	TYPE	Mat.	
13	73.2	66.32	47	22	1008	1												
14	78.2	71.34	52	22	1108	1												
15	83.2	76.36	60	25	1210	1		25.5	1210	3			42.1	1215	5			
16	88.3	81.37	63	25	1210	1		25.5	1610	3			42.1	1215	5			
17	93.3	86.39	71	25	1610	1		25.5	1610	3			42.1	1215	5			
18	98.3	91.42	75	25	1610	1		25.5	1610	3			42.1	1615	5			
19	103.3	96.45	75	25	1610	1		25.5	1610	3			42.1	1615	5			
20	108.4	101.49	75	25	1610	1	1045	25.5	1610	3	1045		42.1	1615	5	1045		
21	113.4	106.52	76	25	1610	1		25.5	1610	3			42.1	1615	5			
22	118.4	111.55	76	25	1610	1		25.5	1610	3			42.1	1615	5			
23	123.5	116.58	76	25	1610	1		25.5	1610	3			42.1	2012	5			
24	128.5	121.62	90	32	2012	1		90	32	2012	2							
25	133.6	126.66	90	32	2012	1		90	32	2012	2	105	45	2517	4			
26	138.6	131.70	90	32	2012	1		90	32	2012	2							
27	143.6	136.74	90	32	2012	1		90	32	2012	2	110	45	2517	4			
28	148.7	141.78	90	32	2012	1		90	32	2012	2							
30	158.8	151.87	90	32	2012	1		90	32	2012	2	120	45	2517	4			
38	199.1	192.24	102	32	2012	1		108	45	2517	2							
45	236.0	227.58	100	32	2012	6		120	45	2517	7							
57	296.6	288.18	111	32	2012	6	GG25											
76	392.5	384.16	111	32	2012	6												
95	488.5	480.14	120	45	2517	6	GG25											
114	584.5	576.13	120	45	2517	6												

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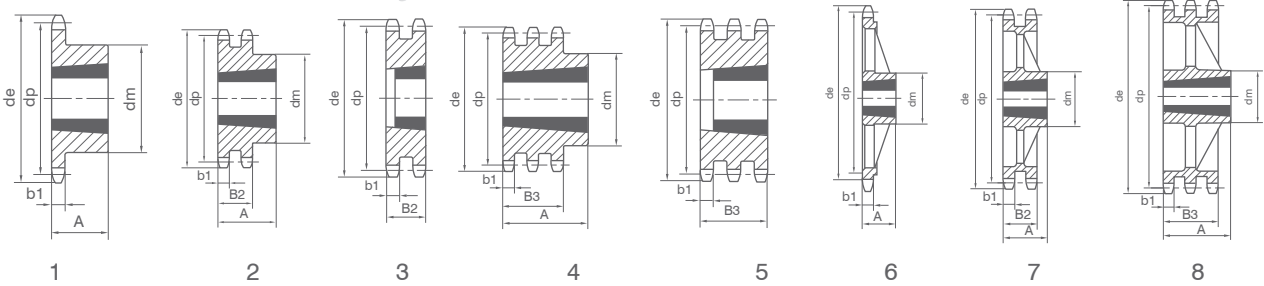
12B

3/4"X7/16"



	Pinions		mm
	Tooth Radius	r ₃	19
Radius Width	C	2	
Tooth Width	B ₁	11.1	
Tooth Width	b ₁	10.8	
Tooth Width	B ₂	30.3	
Tooth Width	B ₃	49.8	

ROLLER-Ø12.07mm



12B 3/4"x7/16"

E	de	dp	SIMPLEX				DUPLEX				TRIPLEX							
			dm	A	BUSH	TYPE	Mat.	dm	A	BUSH	TYPE	Mat.	dm	A	BUSH	TYPE	Mat.	
13	87.8	79.59	63	25	1210	1												
14	93.8	85.61	71	25	1610	1												
15	99.8	91.63	71	25	1610	1	71	38	1615	2		—	49.8	1615	5			
16	105.8	97.65	75	25	1610	1	71	38	1615	2		—	49.8	1615	5			
17	111.9	103.67	76	25	1610	1	80	38	1615	2		—	49.8	1615	5			
18	117.9	109.71	90	32	2012	1	90	32	2012	2								
19	123.9	115.75	90	32	2012	1	95	32	2012	2		—	49.8	2012	5			
20	130.0	121.78	90	32	2012	1	1045	45	2517	2								
21	136.0	127.82	102	45	2517	1	1045	45	2517	2		—	49.8	2517	5			
22	142.0	133.86	108	45	2517	1	1045	45	2517	2		—	49.8	2517	5			
23	148.1	139.90	108	45	2517	1	108	45	2517	2		—	49.8	2517	5			
24	154.1	145.94	108	45	2517	1	108	45	2517	2		—	49.8	2517	5			
25	160.2	152.00	108	45	2517	1	108	45	2517	2		—	49.8	2517	5			
26	166.2	158.04	108	45	2517	1	108	45	2517	2								
27	172.3	164.09	108	45	2517	1	108	45	2517	2		140	51	3020	4			
28	178.3	170.13	108	45	2517	1	108	45	2517	2								
30	190.4	182.25	108	45	2517	1	108	45	2517	2		140	51	3020	4			
38	238.9	230.69	108	45	2517	1	140	51	3020	2		140	51	3020	4			
45	283.2	273.10	120	45	2517	6	GG25	150	51	3020	7							
57	355.9	345.81	124	45	2517	6	GG25	160	51	3020	7							
76	471.1	460.99	124	45	2517	6	GG25	160	51	3020	7							
95	586.2	576.17	124	45	2517	6	GG25	160	51	3020	7							
114	701.4	691.36	124	64	2525	6	GG25	160	76	3030	7							

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BTL

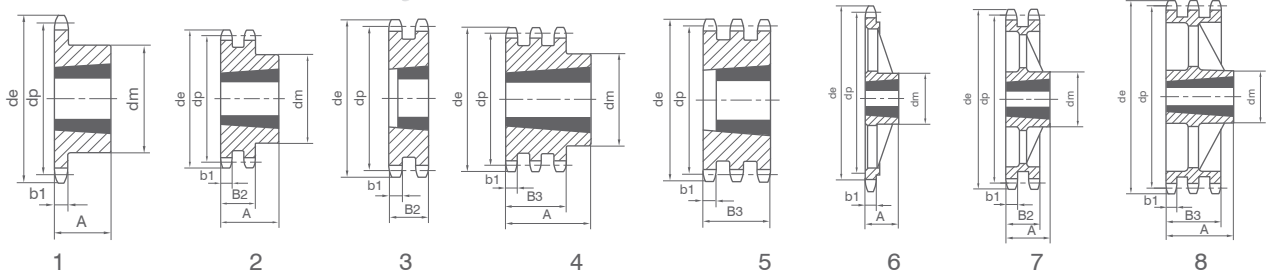
16B

1"X17.02mm



Pinions	mm	
	Tooth Radius	r ₃
Radius Width	C	2.5
Tooth Width	B ₁	16.2
Tooth Width	b ₁	15.8
Tooth Width	B ₂	47.7
Tooth Width	B ₃	79.6

ROLLER-Ø15.875mm



16B 1"x17.02mm

E	de	dp	SIMPLEX					DUPLEX					TRIPLEX					
			dm	A	BUSH	TYPE	Mat.	dm	A	BUSH	TYPE	Mat.	dm	A	BUSH	TYPE	Mat.	
13	117.7	106.13	73	28	1615	1												
14	125.7	114.15	76	38	1615	1												
15	133.7	122.17	76	38	1615	1		47.7	2012	3								
16	141.8	130.20	90	32	2012	1		—	47.7	2517	3							
17	149.8	138.22	90	32	2012	1		—	47.7	2517	3		79.6	2517	5			
18	157.8	146.28	108	45	2517	1		—	47.7	2517	3							
19	165.9	154.33	108	45	2517	1		—	47.7	2517	3		79.6	3030	5			
20	173.9	162.38	110	45	2517	1	1045	—	47.7	2517	3							
21	182.0	170.43	110	45	2517	1		140	51	3020	3	1045	79.6	3030	5			1045
22	190.1	178.48	110	45	2517	1		140	51	3020	2							
23	198.1	186.53	110	45	2517	1		140	51	3020	2		159	89	3535	4		
24	206.2	194.59	110	45	2517	1		140	51	3020	2							
25	214.2	202.66	110	45	2517	1		140	51	3020	2		175	89	3535	4		
26	222.3	210.72	110	45	2517	1		140	51	3020	2							
27	230.4	218.79	110	45	2517	1		140	51	3020	2		175	89	3535	4		
28	238.4	226.85	110	45	2517	1		140	51	3020	2							
30	254.6	243.00	120	45	2517	1		140	76	3030	2		175	89	3535	4		
38	319.2	307.59	160	51	3020	6		160	76	3030	7		178	89	3535	8		
45	377.9	364.13	160	51	3020	6		160	76	3030	7		215	102	4040	8		
57	474.9	416.07	160	51	3020	6	GG25	175	89	3535	7		215	102	4040	8		
76	628.0	614.65	160	51	3020	6		178	89	3535	7	GG25	215	102	4040	8		GG25
95	782.0	768.22	160	51	3020	6		215	102	4040	7		220	102	4040	8		
114	935.6	921.81	160	76	3030	6		220	102	4040	7		260	114	4545	8		

Taper B Stock Sprockets


BTL

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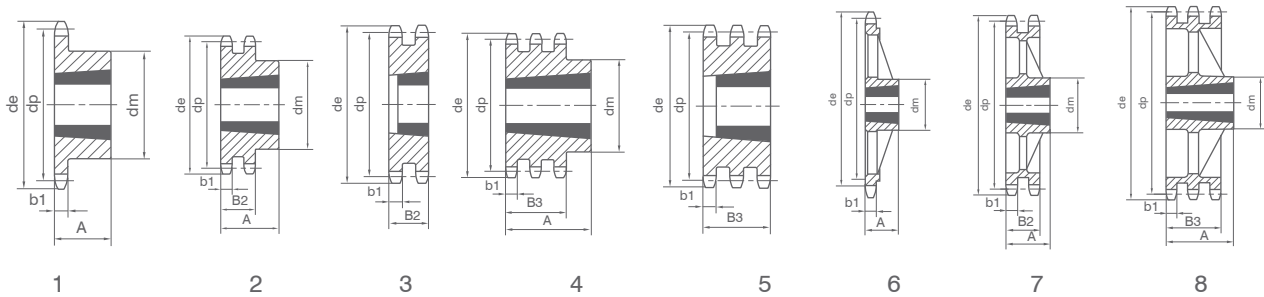
20B

1 1/4"X3/4"



	Pinions		mm
	Tooth Radius	r ₃	32
Radius Width	C	3.5	
Tooth Width	B ₁	18.5	
Tooth Width	b ₁	18.2	
Tooth Width	B ₂	54.6	
Tooth Width	B ₃	91	

ROLLER-∅19.05mm



20B 1 1/4"x3/4"

Z	de	dp	SIMPLEX				
			dm	A	BUSH	TYPE	Mat.
13	147.5	132.65	90	32	2012	1	1045
15	167.7	152.72	110	45	2517	1	
17	187.7	172.78	110	45	2517	1	
19	207.8	192.91	110	45	2517	1	
21	228.0	213.04	120	45	2517	1	
23	248.2	233.17	120	45	2517	1	
25	268.4	253.33	120	45	2517	1	
27	288.5	273.48	150	51	3020	1	
30	318.7	303.75	160	51	3020	1	
38	399.4	384.49	160	51	3020	6	
45	471.1	455.17	160	51	3020	6	GG25
57	592.3	576.36	160	51	3020	6	
76	784.3	768.32	160	51	3020	6	