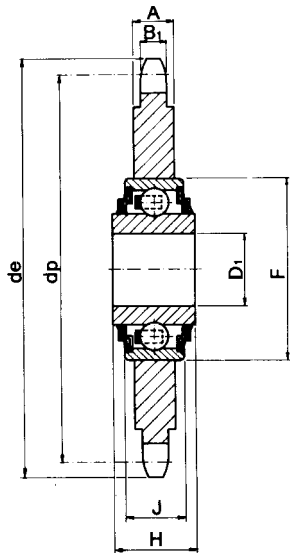


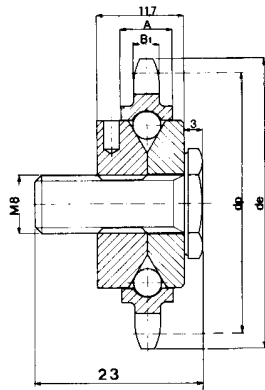
Metric Idler Sprockets



Part No.	Teeth Z	Pitch P	Chain No.	Outside Dia. de	Pitch Dia. dp	Plate Width A	Tooth Width B ₁	Bore d	F	H	J
22ID23	23	8.00	22	62.5	58.75	7.0	2.7	16 +0.130 / +0.260	40	18.3	12
32ID21	21	9.52	32	68.0	63.91	7.0	5.2	16 +0.130 / +0.260	40	18.3	12
43ID18	18	12.70	43	79.0	73.14	7.0	2.9	16 +0.130 / +0.260	40	18.3	12
46ID18	18	12.70	46	79.0	73.14	7.0	4.4	16 +0.130 / +0.260	40	18.3	12
42ID16	16	12.70	42	70.5	65.10	7.0	7.0	16 +0.130 / +0.260	40	18.3	12
42ID18	18	12.70	42	78.5	73.14	7.0	7.0	16 +0.130 / +0.260	40	18.3	12
52ID14	14	15.87	52	78.2	71.34	8.8	8.8	16 +0.130 / +0.260	40	18.3	12
52ID15	15	15.87	52	83.0	76.36	9.1	9.1	16 +0.130 / +0.260	40	18.3	12
52ID17	17	15.87	52	93.5	86.39	8.8	8.8	16 +0.130 / +0.260	40	18.3	12
62ID13	13	19.03	62	87.5	79.59	11.1	11.1	16 +0.130 / +0.260	40	18.3	12
62ID15	15	19.03	62	100.5	91.63	10.8	10.8	16 +0.130 / +0.260	40	18.3	12
82ID12	12	25.40	82	106.5	98.14	15.5	15.5	20 +0 / - 0.010	47	17.7	14
102ID13	13	31.75	102	146.5	132.65	18.0	18.0	25 +0 / - 0.010	52	21.0	15

Note: Bearings can be ordered separately.

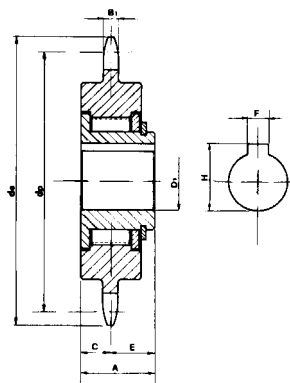
Metric Tension Sprockets



Part No.	Teeth Z	Pitch P	Roller Dia.	Chain No.	Outside Dia. de	Pitch Dia. dp	Plate Width A	Tooth Width B ₁
31 TS 12	12	9.52	6.35	31 or 32	39.8	36.80	7	3.5
43 TS 10	10	12.70	7.75	43 or 46	45.0	41.10	7	2.9
46 TS 10	10	12.70	7.75	46 or 48	45.0	41.10	7	4.5

Note: M8 Threaded Stud

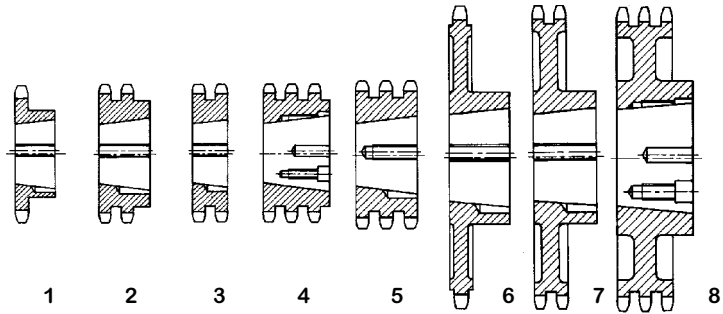
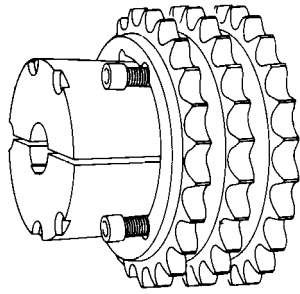
Metric Freewheel Sprockets



Part No.	Teeth Z	Pitch P	Roller Dia.	Chain No.	Outside Dia. de	Pitch Dia. dp	Total Width A	Tooth Width B ₁
43 FW 13	13	12.70	7.75	43 or 46	59.4	53.1	14.8	3.0

Note: 12mm Bore with Standard Keyway.

Metric Taper-Bush Sprockets



SINGLE

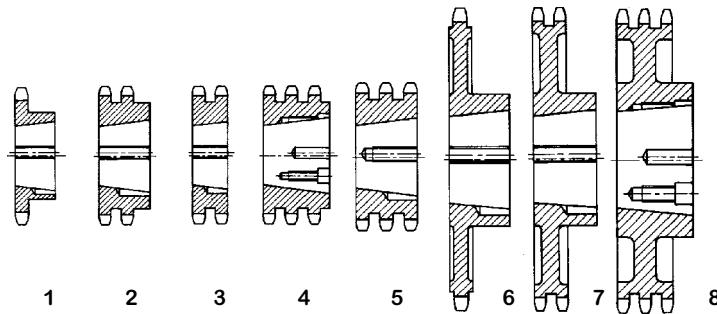
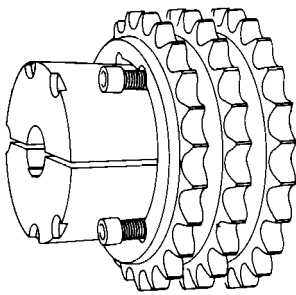
SINGLE

SINGLE

Size	Part No.	Teeth	Bushing No.	Type	Size	Part No.	Teeth	Bushing No.	Type	Size	Part No.	Teeth	Bushing No.	Type
3/8 X 7/32	32TL17	17	1008	1	1/2 X 5/16	42TL35	35	2012	1	5/8 X 3/8	52TL72*	72	2012	6
	32TL18	18	1008	1		42TL36	36	2012	1		52TL76*	76	2012	6
	32TL19	19	1008	1		42TL38	38	2012	1		52TL80*	80	<u>2517</u>	6
	32TL20	20	1008	1		42TL40	40	2012	1		52TL84*	84	<u>2517</u>	6
	32TL21	21	1008	1		42TL42	42	2012	1		52TL95*	95	<u>2517</u>	6
	32TL22	22	1108	1		42TL45	45	2012	1		52TL96*	96	<u>2517</u>	6
	32TL23	23	1210	1		42TL48	48	2012	1		52TL112*	112	<u>2517</u>	6
	32TL24	24	1210	1		42TL54	54	2012	1		52TL114*	114	<u>2517</u>	6
	32TL25	25	1210	1		42TL57*	57	2012	6					
	32TL26	26	1210	1		42TL60*	60	2012	6		62TL11	11	1008	1
	32TL27	27	1210	1		42TL70*	70	2012	6		62TL12	12	1210	1
	32TL28	28	1210	1		42TL72*	72	2012	6		62TL13	13	1210	1
	32TL30	30	1210	1		42TL76*	76	2012	6		62TL14	14	1610	1
	32TL32	32	1210	1		42TL80*	80	2012	6		62TL15	15	1610	1
	32TL35	35	1210	1		42TL84*	84	2012	6		62TL16	16	1610	1
	32TL36	36	1210	1		42TL95*	95	2012	6		62TL17	17	1610	1
	32TL38	38	1210	1		42TL96*	96	2012	6		62TL18	18	2012	1
	32TL40	40	1210	1		42TL112*	112	<u>2517</u>	6		62TL19	19	2012	1
	32TL42	42	1210	1		42TL114*	114	<u>2517</u>	6		62TL20	20	2012	1
	32TL45	45	1210	1	5/8 X 3/8	52TL12	12	1008	1		62TL21	21	<u>2517</u>	1
	32TL48	48	1210	1		52TL13	13	1008	1		62TL22	22	<u>2517</u>	1
	32TL54	54	1210	1		52TL14	14	1108	1		62TL23	23	<u>2517</u>	1
	32TL57*	57	1210	6		52TL15	15	1210	1		62TL24	24	<u>2517</u>	1
	32TL60*	60	1210	6		52TL16	16	1610	1		62TL25	25	<u>2517</u>	1
	32TL70*	70	1210	6		52TL17	17	1610	1		62TL26	26	<u>2517</u>	1
	32TL72*	72	1210	6		52TL18	18	1610	1		62TL27	27	<u>2517</u>	1
	32TL76*	76	1210	6		52TL19	19	1610	1		62TL28	28	<u>2517</u>	1
	32TL80*	80	1210	6		52TL20	20	1610	1		62TL30	30	<u>2517</u>	1
	32TL84*	84	1210	6		52TL21	21	1610	1		62TL32	32	<u>2517</u>	1
	32TL95*	95	1210	6		52TL22	22	1610	1		62TL35	35	<u>2517</u>	1
	32TL96*	96	1210	6		52TL23	23	1610	1		62TL36	36	<u>2517</u>	1
	32TL112*	112	1210	6		52TL24	24	2012	1		62TL38	38	<u>2517</u>	1
	32TL114*	114	1215	6		52TL25	25	2012	1		62TL40	40	<u>2517</u>	1
						52TL26	26	2012	1		62TL42	42	<u>2517</u>	1
	42TL14	14	1008	1		52TL27	27	2012	1		62TL45*	45	<u>2517</u>	6
	42TL15	15	1008	1		52TL28	28	2012	1		62TL48*	48	<u>2517</u>	6
	42TL16	16	1108	1		52TL30	30	2012	1		62TL54*	54	<u>2517</u>	6
	42TL17	17	1210	1		52TL32	32	2012	1		62TL57*	57	<u>2517</u>	6
	42TL18	18	1210	1		52TL35	35	2012	1		62TL60*	60	<u>2517</u>	6
	42TL19	19	1210	1		52TL36	36	2012	1		62TL70*	70	<u>2517</u>	6
	42TL20	20	1610	1		52TL38	38	2012	1		62TL72*	72	<u>2517</u>	6
	42TL21	21	1610	1		52TL40	40	2012	1		62TL76*	76	<u>2517</u>	6
	42TL22	22	1610	1		52TL42	42	2012	1		62TL80*	80	<u>2517</u>	6
	42TL23	23	1610	1		52TL45*	45	2012	6		62TL84*	84	<u>2517</u>	6
	42TL24	24	1610	1		52TL48	48	2012	6		62TL95*	95	<u>2517</u>	6
	42TL25	25	1610	1		52TL54*	54	2012	6		62TL114*	114	2525	6
	42TL27	27	1610	1		52TL57*	57	2012	6					
	42TL28	28	2012	1		52TL60*	60	2012	6	1" X 17mm	82TL10	10	1215	1
	42TL30	30	2012	1		52TL70*	70	2012	6		82TL11	11	1215	1
	42TL32	32	2012	1							82TL12	12	1215	1
1/2 X 5/16					5/8 X 3/8					5/8 X 3/8	82TL13	13	1610	1

Sprockets are of steel construction except those marked " * " are of cast iron construction. Sprockets prepared for bushing types 2517 and 3535 use "European" metric taper-bushings with 1/2" x 12tpi BSW threads.

Metric Taper-Bush Sprockets



SINGLE

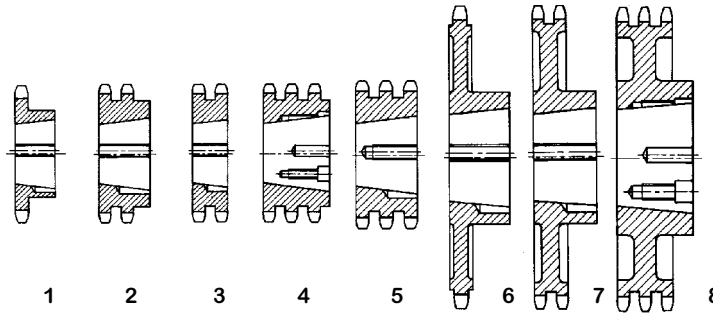
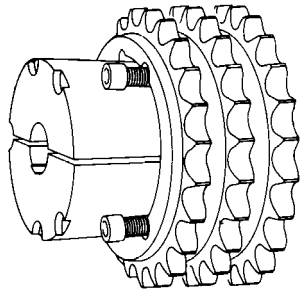
SINGLE

SINGLE

Size	Part No.	Teeth	Bushing No.	Type	Size	Part No.	Teeth	Bushing No.	Type	Size	Part No.	Teeth	Bushing No.	Type
1" X 17mm	82TL14	14	1610	1	1 1/4 X 3/4	102TL27	27	2517	1	1 1/4 X 1 1/4	122TL84	84	3020	6
	82TL15	15	1610	1		102TL28	28	2517	1		142TL10	10	2517	1
	82TL16	16	1610	1		102TL30	30	3020	1		142TL11	11	2517	1
	82TL17	17	2012	1		102TL32	32	3020	6		142TL12	12	3020	1
	82TL18	18	2517	1		102TL35	35	3020	6		142TL13	13	1610	1
	82TL19	19	2517	1		102TL36	36	3020	6		142TL14	14	1610	1
	82TL20	20	2517	1		102TL38	38	3020	6		142TL15	15	1610	1
	82TL21	21	2517	1		102TL40	40	3020	6		142TL16	16	2012	1
	82TL22	22	2517	1		102TL42	42	3020	6		142TL17	17	2012	1
	82TL23	23	2517	1		102TL45	45	3020	6		142TL18	18	2517	1
	85TL24	24	2517	1		102TL48	48	3020	6		142TL19	19	2517	1
	82TL25	25	2517	1		102TL54	54	3020	6		142TL20	20	2517	1
	82TL26	26	2517	1		102TL60	60	3020	6		142TL21	21	2517	1
	82TL27	27	2517	1		102TL70	70	3020	6		142TL22	22	2517	6
	82TL28	28	2517	1		102TL72	72	3020	6		142TL23	23	2517	6
	82TL30	30	3020	1		102TL80	80	3020	6		142TL24	24	2517	6
	82TL32	32	3020	1		102TL84	84	3020	6		142TL25	25	2517	6
	82TL35	35	3020	1		122TL10	10	1615	1		142TL26	26	2517	6
	82TL36	36	3020	1		122TL11	11	2012	1		142TL27	27	2517	6
	82TL38*	38	3020	6		122TL12	12	2012	1		142TL28	28	2517	6
	82TL40*	40	3020	6		122TL13	13	1610	1		142TL30	30	3020	6
	82TL42*	42	3020	6		122TL14	14	1610	1		142TL32	32	3020	6
	82TL45*	45	3020	6		122TL15	15	1610	1		142TL35	35	3020	6
	82TL48*	48	3020	6		122TL16	16	2012	1		142TL36	36	3020	6
	82TL54*	54	3020	6		122TL17	17	2012	1		142TL38	38	3020	6
	82TL57*	57	3020	6		122TL18	18	2517	1		142TL40	40	3020	6
	82TL60*	60	3020	6		122TL19	19	2517	1		142TL42	42	3020	6
	82TL70*	70	3020	6		122TL20	20	2517	1		142TL45	45	3020	6
	82TL72*	72	3020	6		122TL21	21	2517	1		142TL48	48	3020	6
	82TL76*	76	3020	6		122TL22	22	2517	1		142TL54	54	3020	6
	82TL80*	80	3020	6		122TL23	23	2517	1		142TL60	60	3020	6
	82TL95*	95	3020	6		122TL24	24	2517	1		142TL70	70	3020	6
	82TL114*	114	3030	6		122TL25	25	2517	1		142TL72	72	3020	6
1 1/4 X 3/4	102TL10	10	1215	1	1 1/2 X 1	122TL26	26	2517	6		162TL10	10	2517	1
	102TL11	11	1610	1		122TL27	27	2517	6		162TL11	11	2517	1
	102TL12	12	1610	1		122TL28	28	2517	6		162TL12	12	3020	1
	102TL13	13	1610	1		122TL30	30	3020	6		162TL13	13	1610	1
	102TL14	14	1610	1		122TL32	32	3020	6		162TL14	14	1610	1
	102TL15	15	1610	1		122TL35	35	3020	6		162TL15	15	1610	1
	102TL16	16	2012	1		122TL36	36	3020	6		162TL16	16	2012	1
	102TL17	17	2012	1		122TL38	38	3020	6		162TL17	17	2012	1
	102TL18	18	2517	1		122TL40	40	3020	6		162TL18	18	2517	1
	102TL19	19	2517	1		122TL42	42	3020	6		162TL19	19	2517	1
	102TL20	20	2517	1		122TL45	45	3020	6		162TL20	20	2517	1
	102TL21	21	2517	1		122TL48	48	3020	6		162TL21	21	2517	1
	102TL22	22	2517	1		122TL54	54	3020	6		162TL22	22	2517	6
	102TL23	23	2517	1		122TL60	60	3020	6		162TL23	23	2517	6
	102TL24	24	2517	1		122TL70	70	3020	6		162TL24	24	2517	6
	102TL25	25	2517	1		122TL72	72	3020	6		162TL25	25	2517	6
	102TL26	26	2517	1		122TL80	80	3020	6					

Sprockets are of steel construction except those marked " * " are of cast iron construction. Sprockets prepared for bushing types 2517 and 3535 use "European" metric taper-bushings with 1/2" x 12tpi BSW threads.

Metric Taper-Bush Sprockets



SINGLE

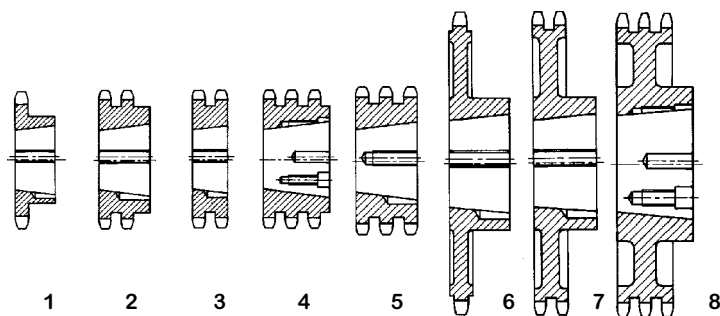
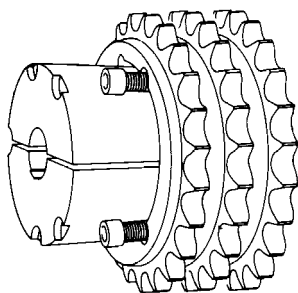
DOUBLE

DOUBLE

Size	Part No.	Teeth	Bushing No.	Type	Size	Part No.	Teeth	Bushing No.	Type	Size	Part No.	Teeth	Bushing No.	Type	
2 X 1¼	162TL26	26	2517	6	3/8 X 7/32	2032TL17	17	1008	2	5/8 X 3/8	2052TL25	25	2012	2	
	162TL27	27	2517	6		2032TL18	18	1008	2		2052TL26	26	2012	2	
	162TL28	28	2517	6		2032TL19	19	1008	2		2052TL27	27	2012	2	
	162TL30	30	3020	6		2032TL20	20	1008	2		2052TL28	28	2012	2	
	162TL32	32	3020	6		2032TL21	21	1008	2		2052TL30	30	2012	2	
	162TL35	35	3020	6		2032TL22	22	1108	2		2052TL36	36	2012	2	
	162TL36	36	3020	6		2032TL23	23	1210	2		2052TL38	38	2517	2	
	162TL38	38	3020	6		2032TL24	24	1210	2						
	162TL40	40	3020	6		2032TL25	25	1210	2		2062TL15	15	1610	2	
	162TL42	42	3020	6		2032TL26	26	1210	2		2062TL16	16	1610	2	
	162TL45	45	3020	6		2032TL27	27	1210	2		2062TL17	17	1610	2	
	162TL48	48	3020	6		2032TL28	28	1210	2		2062TL18	18	2012	2	
	162TL54	54	3020	6		2032TL30	30	1210	2		2062TL19	19	2012	2	
	162TL60	60	3020	6		2032TL38	38	1610	2		2062TL20	20	2517	2	
	162TL70	70	3020	6		2032TL45	45	1610	2		2062TL21	21	2517	2	
	162TL72	72	3020	6		2032TL57*	57	1610	7		2062TL22	22	2517	2	
						2032TL76*	76	1610	7		3/4	2062TL23	23	2517	2
						2032TL95*	95	1610	7		X	2062TL24	24	2517	2
						2032TL114*	114	1615	7	7/16	2062TL25	25	2517	2	
											2062TL26	26	2517	2	
							2042TL15	15	1008	2	2062TL27	27	2517	2	
							2042TL16	16	1108	2	2062TL28	28	2517	2	
							2042TL17	17	1210	2	2062TL30	30	2517	2	
							2042TL18	18	1210	2	2062TL38	38	3020	2	
							2042TL19	19	1210	2	2062TL45*	45	3020	7	
							2042TL20	20	1610	2	2062TL57*	57	3020	7	
							2042TL21	21	1610	2	2062TL76*	76	3020	7	
							2042TL22	22	1610	2	2062TL95*	95	3020	7	
						1/2	2042TL23	23	1610	2	2062TL114*	114	3030	7	
						X	2042TL24	24	2012	2					
						5/16	2042TL25	25	2012	2		2082TL15	15	2012	3
							2042TL26	26	2012	2		2082TL16	16	2517	3
							2042TL27	27	2012	2		2082TL17	17	2517	3
							2042TL28	28	2012	2		2082TL18	18	2517	3
							2042TL30	30	2012	2		2082TL19	19	2517	3
							2042TL38	38	2012	2		2082TL20	20	2517	3
					2042TL45	45	2012	2		2082TL21	21	3020	2		
					2042TL57*	57	2012	7		2082TL22	22	3020	2		
					2042TL76*	76	2012	7	1"	2082TL23	23	3020	2		
					2042TL95*	95	2012	7	X	2082TL24	24	3020	2		
					2042TL114*	114	2517	7	17mm	2082TL25	25	3020	2		
										2082TL26	26	3020	2		
					2052TL15	15	1210	3		2082TL27	27	3020	2		
					2052TL16	16	1610	3		2082TL28	28	3020	2		
					2052TL17	17	1610	3		2082TL30	30	3030	2		
				5/8	2052TL18	18	1610	3		2082TL38*	38	3030	7		
				X	2052TL19	19	1610	3		2082TL45*	45	3030	7		
				3/8	2052TL20	20	1610	3		2082TL57*	57	3535	7		
					2052TL21	21	1610	3		2082TL76*	76	3535	7		
					2052TL22	22	1610	3		2082TL95*	95	4040	7		
					2052TL23	23	1610	3		2082TL114*	114	4040	7		
					2052TL24	24	2012	3							

Sprockets are of steel construction except those marked "*" are of cast iron construction. Sprockets prepared for bushing types 2517 and 3535 use "European" metric taper-bushings with 1/2" x 12tpi BSW threads.

Metric Taper-Bush Sprockets



TRIPLE

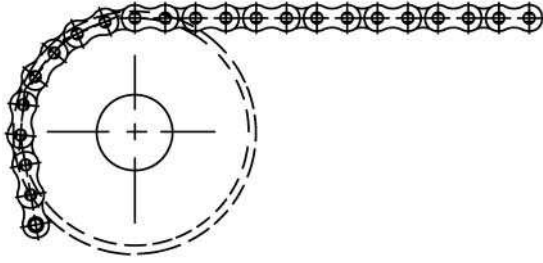
TRIPLE

Size	Part No.	Teeth	Bushing No.	Type	Size	Part No.	Teeth	Bushing No.	Type	Size	Part No.	Teeth	Bushing No.	Type
3/8 X 7/32	3032TL17	17	1008	5	1" X 17mm	3082TL38*	38	3535	8					
	3032TL19	19	1008	5		3082TL45*	45	4040	8					
	3032TL21	21	1008	5		3082TL57*	57	4040	8					
	3032TL23	23	1210	5		3082TL76*	76	4040	8					
	3032TL25	25	1210	5										
	3032TL27	27	1210	5										
	3032TL30	30	1615	4										
	3032TL38	38	1615	4										
1/2 X 5/16	3042TL15	15	1008	5										
	3042TL17	17	1210	5										
	3042TL19	19	1215	4										
	3042TL21	21	1615	4										
	3042TL23	23	1615	4										
	3042TL25	25	2012	5										
	3042TL27	27	2012	5										
5/8 X 3/8	3052TL15	15	1215	5										
	3052TL17	17	1215	5										
	3052TL19	19	1615	5										
	3052TL21	21	1615	5										
	3052TL23	23	2012	5										
	3052TL25	25	2517	4										
	3052TL27	27	2517	4										
3/4 X 7/16	3052TL30	30	2517	4										
	3062TL15	15	1615	5										
	3062TL17	17	2012	5										
	3062TL19	19	2012	5										
	3062TL21	21	2517	5										
	3062TL23	23	2517	5										
	3062TL25	25	2517	5										
	3062TL27	27	3020	4										
	3062TL30	30	3020	4										
	3062TL38	38	3020	4										
	3062TL45*	45	3020	8										
	3062TL57*	57	3020	8										
	3062TL76*	76	3020	8										
	3062TL95*	95	3030	8										
	3062TL114*	114	3030	8										
1" X 17mm	3082TL15	15	2012	5										
	3082TL17	17	2517	5										
	3082TL19	19	3030	5										
	3082TL21	21	3030	5										
	3082TL23	23	3535	4										
	3082TL25	25	3535	4										
	3082TL27	27	3535	4										
	3082TL30	30	3535	4										

Sprockets are of steel construction except those marked " * " are of cast iron construction. Sprockets prepared for bushing types 2517 and 3535 use "European" metric taper-bushings with 1/2" x 12tpi BSW threads.

All Metric Steel Sprockets

DIN 8187/ ISO R 606



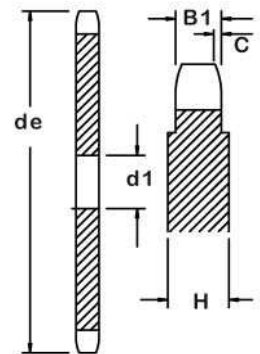
NO. 02 TYPE A & B

CHAIN WIDTH:	5 x 2.5 mm
PITCH:	5 mm
ROLLER WIDTH:	2.5 mm
ROLLER DIA.:	3.2 mm
SPKT. WIDTH:	
SINGLE B1	2.3 mm

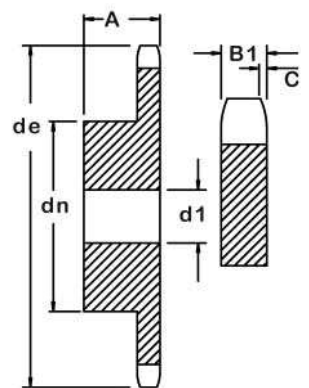
All dimensions in mm (to international metric norms)

Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm	Hub Dia. dn	Total Width A	Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm
8	14.8	4	7	10	41	67.1	8
9	16.4	4-5	8	10	42	68.7	8
10	17.9	4-5	9	10	43	70.2	8
					44	71.8	8
11	19.5	5-6	11	10	45	73.4	8
12	21.1	5-6	12	10			
13	22.6	5-6	14	10	46	75.0	8
14	24.2	5-6	15	10	47	76.6	8
15	25.8	5-6	16	10	48	78.2	8
					49	79.8	8
16	27.4	6-8	18	13	50	81.4	8
17	29.0	6-8	18	13			
18	30.5	6-8	18	13	51	83.0	10
19	32.1	6-8	18	13	52	84.6	10
20	33.7	6-8	18	13	53	86.2	10
					54	87.7	10
21	35.3	8	20	13	55	89.3	10
22	36.9	8	20	13			
23	38.5	8	20	13	56	90.9	10
24	40.1	8	20	13	57	92.6	10
25	41.6	8	20	13	58	94.1	10
					59	95.7	10
26	43.2	8	25	15	60	97.3	10
27	44.8	8	25	15			
28	46.4	8	25	15	62	100.5	12
29	48.0	8	25	15	64	103.7	12
30	49.6	8	25	15	65	105.2	12
					66	106.8	12
31	51.2	8	30	15	68	110.0	12
32	52.8	8	30	15			
33	54.4	8	30	15	70	113.2	12
34	55.9	8	30	15	72	116.4	12
35	57.5	8	30	15	75	121.2	12
					76	122.7	12
36	59.1	8	30	15	78	125.9	12
37	60.7	8	30	15			
38	62.3	8	30	15	80	129.1	12
39	63.9	8	30	15	85	137.1	14
40	65.5	8	30	15	90	145.0	14
					95	153.0	14
					100	160.9	14
					110	176.8	14
					114	183.2	14
					120	192.8	14
					125	200.7	14

For plate sprockets with 51
teeth or more H = 4 mm



02A

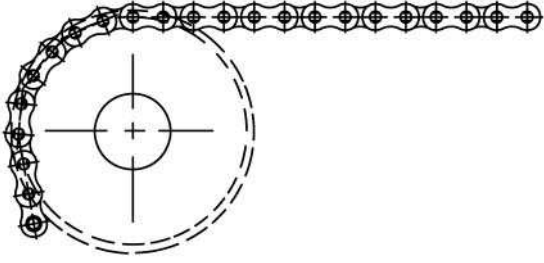


02B

Special Sprockets Quoted Upon Request.

All Metric Steel Sprockets

DIN 8187/ ISO R 606



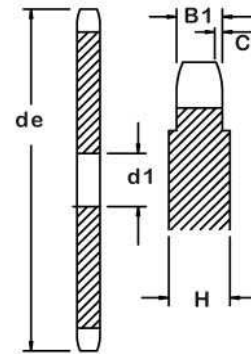
NO. 12 TYPE A & B

CHAIN WIDTH: 6 x 2.8
 PITCH: 6 mm
 ROLLER WIDTH: 2.8 mm
 ROLLER DIA.: 4 mm
 SPKT. WIDTH: 2.5 mm
 SINGLE B1

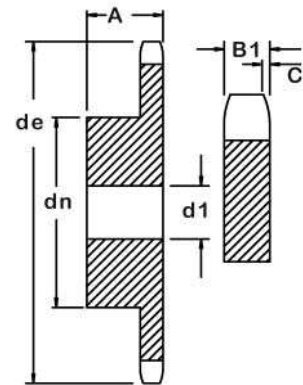
All dimensions in mm (to international metric norms)

Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm	Hub Dia. dn	Total Width A	Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm
8	18.1	5	9.8	10	41	80.9	10-12
9	20.0	5	11.5	10	42	82.8	10-12
10	21.9	6	13	10	43	84.8	10-12
					44	86.7	10-12
					45	88.6	10-12
11	23.8	6	14	10	46	90.5	10-12
12	25.8	6	16	10	47	92.4	10-12
13	27.5	6-8	18	10	48	94.3	10-12
14	29.4	6-8	20	10	49	96.2	10-12
15	31.3	6-8	20	10	50	98.1	10-12
16	33.2	8	20	13	51	100.0	12
17	35.1	8	20	13	52	101.9	12
18	37.0	8	20	13	53	103.9	12
19	38.9	8	20	13	54	105.8	12
20	40.8	8	20	13	55	107.8	12
21	42.7	8	25	13	56	109.7	12
22	44.6	8	25	13	57	111.6	12
23	46.5	8	25	13	58	113.5	12
24	48.4	8	25	13	59	115.4	12
25	50.3	8	25	13	60	117.3	12
26	52.2	8-10	30	15	62	121.1	14-16
27	54.1	8-10	30	15	64	124.9	14-16
28	56.0	8-10	30	15	65	126.8	14-16
29	58.0	8-10	30	15	66	128.8	14-16
30	59.9	8-10	30	15	68	132.6	14-16
31	61.8	8-10	30	15	70	136.4	14-16
32	63.8	8-10	30	15	72	140.8	16
33	65.7	8-10	30	15	75	145.9	16
34	67.6	8-10	30	15	76	147.9	16
35	69.5	8-10	30	15	78	151.6	16
36	71.4	8-10	30	15	80	155.6	16
37	73.3	8-10	30	15	85	165.0	16
38	75.2	8-10	30	15	90	174.5	16
39	77.1	8-10	30	15	95	184.3	16
40	79.0	8-10	30	15	100	193.7	16
45	88.6	10-12	40-62	16-18	110	212.6	16
50	98.1	12	50-62	18-20	114	220.2	16
57	111.6	12	50-62	18-20	120	231.7	16
76	147.9	12-16	60	20	125	241.2	16

For plate sprockets with 51 teeth
 or more H = 4 mm

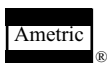


12A



12B

Special Sprockets Quoted Upon Request.



American Metric® Corporation

GROUP: 010

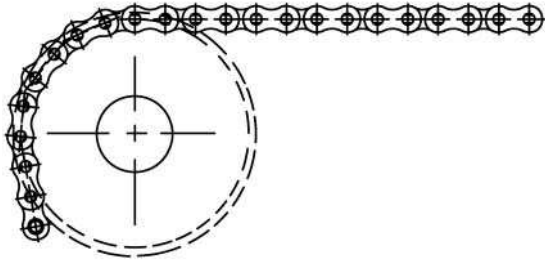
1-010 - 70910

All Metric Steel Sprockets

DIN 8187/ ISO R 606

NO. 22 TYPE A

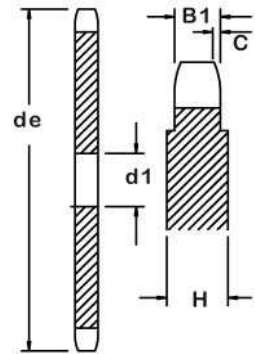
CHAIN WIDTH:	8 x 1/8
PITCH:	8 mm
ROLLER WIDTH:	3 mm
ROLLER DIA.:	5 mm
SPKT. WIDTH:	
SINGLE B1	2.7 mm
DOUBLE B2	8.3 mm



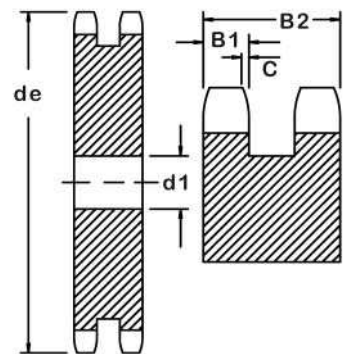
All dimensions in mm (to international metric norms)

Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm		Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm	
		22	2022			22	2022
8	23.5	6	6-8	46	121.0	12	14-16
9	26.0	6	6-8	47	123.5	12	14-16
10	28.5	8	8	48	126.0	12	14-16
				49	128.5	12	14-16
				50	131.0	12	14-16
11	31.0	8	8	51	133.5	14-16	16
12	33.5	8	8	52	136.0	14-16	16
13	37.0	8	8	53	139.0	14-16	16
14	39.5	8	8	54	141.5	14-16	16
15	42.0	8	8	55	144.0	14-16	16
16	45.0	8	10	56	146.5	14-16	16
17	47.0	8	10	57	149.0	14-16	16
18	50.0	8	10	58	151.5	14-16	16
19	52.5	8	10	59	154.0	14-16	16
20	55.0	8	10	60	156.5	14-16	16
21	57.5	8-10	10	61	159.0	16	20
22	60.0	8-10	10	62	161.0	16	20
23	62.5	8-10	10	63	164.0	16	20
24	65.0	8-10	10	64	167.0	16	20
25	67.5	8-10	10	65	169.5	16	20
26	70.0	10	12	66	172.0	16	20
27	72.5	10	12	67	174.5	16	20
28	75.0	10	12	68	177.0	16	20
29	77.5	10	12	69	179.5	16	20
30	80.5	10	12	70	182.0	16	20
31	83.0	10	12	72	187.0	20	20
32	85.5	10	12	75	195.0	20	20
33	88.0	10	12	76	197.0	20	20
34	90.5	10	12	78	200.1	20	20
35	93.0	10	12	80	207.5	20	20
36	95.5	10	12	85	219.9	20	20
37	98.0	10-12	12	90	232.6	20	20
38	100.5	10-12	12	95	245.5	20	20
39	103.0	10-12	12	100	259.0	20	20
40	105.5	10-12	12	110	283.7	20	20
41	108.0	12	14-16	114	294.5	20	20
42	111.0	12	14-16	120	310.0	20	20
43	113.5	12	14-16	125	322.5	20	20
44	116.0	12	14-16				
45	118.5	12	14-16				

For plate sprockets with 46 teeth or more H = 4 mm



22A

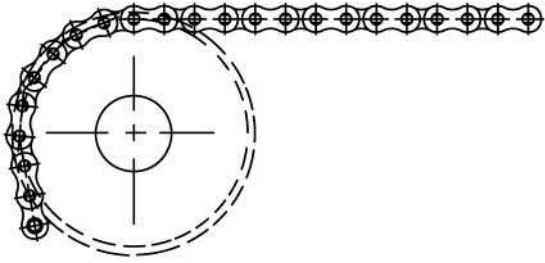


2022A

Special Sprockets Quoted Upon Request.

All Metric Steel Sprockets

DIN 8187/ ISO R 606

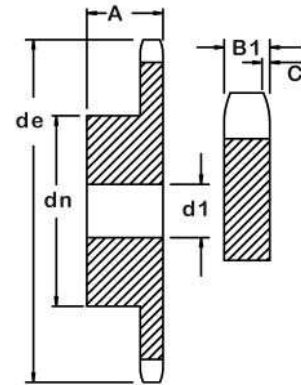


NO. 22 TYPE B

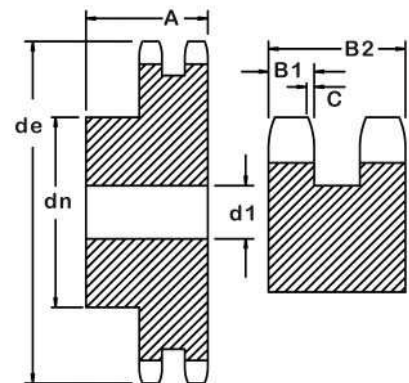
CHAIN WIDTH:	8 x 1/8
PITCH:	8 mm
ROLLER WIDTH:	3 mm
ROLLER DIA.:	5 mm
SPKT. WIDTH:	
SINGLE B1	2.7 mm
DOUBLE B2	8.3 mm

All dimensions in mm (to international metric norms)

Teeth Z	Outside Dia. de	Pitch Dia. dp	Hub Diameter dn		Min. Bore d1 ±1 mm		Total Width A	
			22	2022	22	2022	22	2022
8	23.5	20.90	13	12	6	6-8	12	18
9	26.0	23.39	15	15	6	6-8	12	18
10	28.5	25.89	17	17	6-8	8	12	18
11	31.0	28.39	18	19	7-8	8-10	13	18
12	33.5	30.91	20	21	7-8	8-10	13	18
13	37.0	33.42	23	24	7-8	8-10	13	18
14	39.5	35.95	25	26	7-8	8-10	13	18
15	42.0	38.48	28	29	7-8	8-10	13	18
16	45.0	41.01	30	32	8	10	14	20
17	47.5	43.53	30	34	8	10	14	20
18	50.0	46.07	30	37	8	10	14	20
19	52.5	48.61	30	39	8	10	14	20
20	55.0	51.14	30	40	8	10	14	20
21	57.5	53.68	35	40-45	8	10-12	14	20
22	60.0	56.21	35	40-45	8	10-12	14	20
23	62.5	58.75	35	40-45	8	10-12	14	20
24	65.0	61.29	35	40-45	8	10-12	14	20
25	67.5	63.83	35	40-45	8	10-12	14	20
26	70.0	66.37	40	50	10	12	16	22
27	72.5	68.91	40	50	10	12	16	22
28	75.0	71.45	40	50	10	12	16	22
29	77.5	73.99	40	50	10	12	16	22
30	80.5	76.53	40	50	10	12	16	22
31	83.0	79.08	40	60	10-12	12	16	22
32	85.5	81.61	40	60	10-12	12	16	22
33	88.0	84.16	40	60	10-12	12	16	22
34	90.5	86.70	40	60	10-12	12	16	22
35	93.0	89.25	40	60	10-12	12	16	22
36	95.5	91.79	40	60	10-12	12	16	22
37	98.0	94.33	40	60	10-12	12	16	22
38	100.5	96.88	40	60	10-12	12	16	22
39	103.0	99.42	40	60	10-12	12	16	22
40	105.5	101.97	40	60	10-12	12	16	22
45	118.0	114.69	60		12		20	
50	130.7	127.41	60		12		20	
57	148.6	145.22	80		14		20	
76	197.7	193.59	80		20		25	

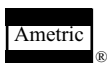


22B



2022B

Special Sprockets Quoted Upon Request.



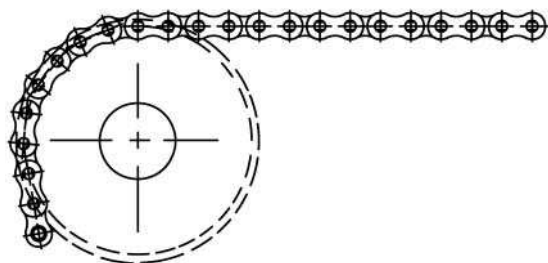
American Metric® Corporation

GROUP: 010

1-010 - 70910

All Metric Steel Sprockets

DIN 8187/ ISO R 606

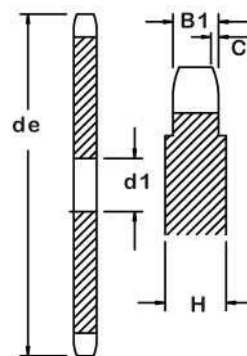


NO. 32 TYPE A

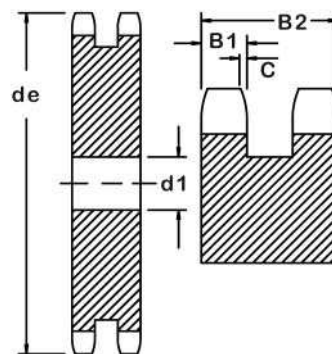
CHAIN WIDTH:	3/8 x 7/32
PITCH:	9.525 mm
ROLLER WIDTH:	5.72 mm
ROLLER DIA.:	6.35 mm
SPKT. WIDTH:	
SINGLE B1	5.25 mm
DOUBLE B2	15.5 mm
TRIPLE B3	25.75 mm

All dimensions in mm (to international metric norms)

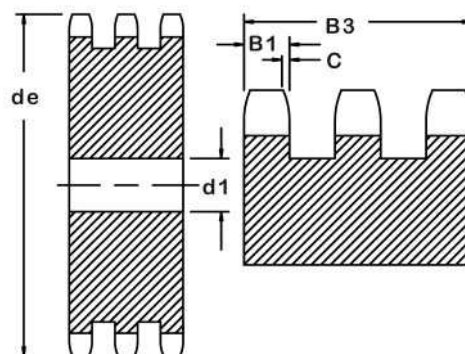
Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm			Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm		
		32	2032	3032			32	2032	3032
8	28.0	6	8	8	46	144.0	16	20	20
9	31.0	8	8	8	47	147.0	16	20	20
10	34.0	8	8	10	48	150.0	16	20	20
					49	153.0	16	20	20
11	37.0	8	10	12	50	156.0	16	20	20
12	40.0	8	10	12					
13	44.0	8	10	12	51	159.0	16	20	20
14	47.0	8	10	12	52	162.0	16	20	20
15	50.0	8	10	12	53	165.0	16	20	20
					54	168.0	16	20	20
16	53.0	10	12	12	55	171.0	16	20	20
17	56.0	10	12	12					
18	59.0	10	12	12	56	174.0	16	20	25
19	62.0	10	12	12	57	177.0	16	20	25
20	65.0	10	12	12	58	180.0	16	20	25
					59	183.0	16	20	25
21	68.0	10	12	16	60	186.0	16	20	25
22	71.0	10	12	16					
23	74.0	10	12	16	61	189.0	20	20	25
24	77.0	10	12	16	62	192.0	20	25	25
25	80.0	10	12	16	63	195.5	20	25	25
					64	198.5	20	25	25
26	83.0	10	16	16	65	201.0	20	25	25
27	86.0	10	16	16					
28	89.5	10	16	16	66	204.5	20	25	25
29	92.5	10	16	16	67	207.5	20	25	25
30	95.5	10	16	16	68	210.5	20	25	25
					69	213.5	20	25	25
31	98.5	12	16	16	70	216.5	20	25	25
32	101.5	12	16	16					
33	104.5	12	16	16	72	222.5	20	25	25
34	107.5	12	16	16	75	231.5	20	25	25
35	110.5	12	16	16	76	234.5	20	25	25
					80	247.0	20	25	25
36	113.5	12	16	20	85	262.4	25	25	25
37	116.5	12	16	20					
38	119.5	12	16	20	90	277.5	25	25	25
39	122.5	12	16	20	95	292.5	25	25	25
40	125.5	12	16	20	100	308.0	25	25	25
					114	349.0	25	25	25
41	128.5	16	20	20	120	368.5	25	25	25
42	131.5	16	20	20					
43	134.5	16	20	20					
44	137.5	16	20	20					
45	141.0	16	20	20					
					125	384.5	25	25	25



32A



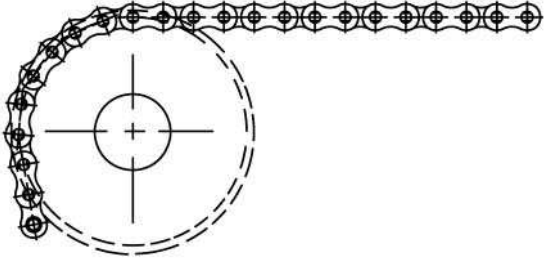
2032A



3032A

All Metric Steel Sprockets

DIN 8187/ ISO R 606



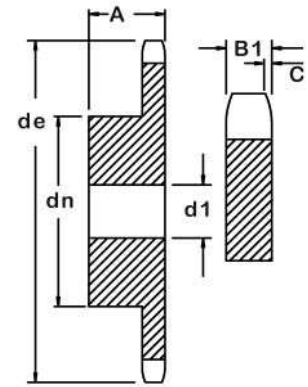
NO. 32 TYPE B

CHAIN WIDTH:	3/8 x 7/32
PITCH:	9.525 mm
ROLLER WIDTH:	5.72 mm
ROLLER DIA.:	6.35 mm
SPKT. WIDTH:	
SINGLE B1	5.25 mm
DOUBLE B2	15.5 mm
TRIPLE B3	25.75 mm

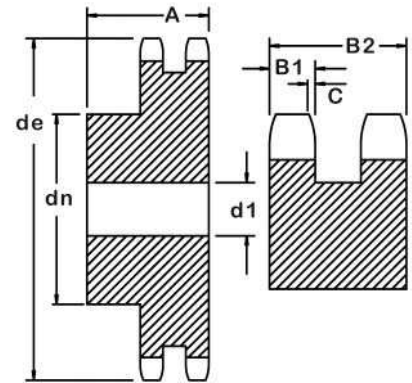
All dimensions in mm (to international metric norms)

Teeth Z	Out- side Dia. da	Pitch Dia. dp	Hub Diameter dn			Min. Bore d1 ±1 mm			Total Width A		
			32	2032	3032	32	2032	3032	32	2032	3032
8	28.0	24.89	15	15	15	8	8	8	20	25	32
9	31.0	27.85	18	18	18	8	8	8	20	25	32
10	34.0	30.82	20	20	20	8	8	10	20	25	32
11	37.0	33.80	22	22	22	8	10	12	25	30	35
12	40.0	36.80	25	25	25	8	10	12	25	30	35
13	44.0	39.79	28	28	28	8	10	12	25	30	35
14	47.0	42.80	31	31	31	8	10	12	25	30	35
15	50.0	45.81	34	34	34	8	10	12	25	30	35
16	53.0	48.82	37	37	37	10	12	12	28	30	35
17	56.0	51.83	40	40	40	10	12	12	28	30	35
18	59.0	54.85	43	43	43	10	12	12	28	30	35
19	62.0	57.87	45	46	46	10	12	12	28	30	35
20	65.0	60.89	46	49	49	10	12	12	28	30	35
21	68.0	63.91	48	52	52	12	16	16	28	30	40
22	71.0	66.93	50	55	55	12	16	16	28	30	40
23	74.0	69.95	52	58	58	12	16	16	28	30	40
24	77.0	72.97	54	61	61	12	16	16	28	30	40
25	80.0	76.00	57	64	64	12	16	16	28	30	40
26	83.0	79.02	60	67	67	12	16	16	28	30	40
27	86.0	82.05	60	70	70	12	16	16	28	30	40
28	89.5	85.07	60	73	73	12	16	16	28	30	40
29	92.5	88.09	60	76	76	12	16	16	28	30	40
30	95.5	91.12	60	79	79	12	16	16	28	30	40
31	98.5	94.15	65	80	80	14	16	16	30	30	40
32	101.5	97.17	65	80	80	14	16	16	30	30	40
33	104.5	100.20	65	80	80	14	16	16	30	30	40
34	107.5	103.23	65	80	85	14	16	16	30	30	40
35	110.5	106.26	65	80	85	14	16	16	30	30	40
36	113.5	109.29	70	90	90	16	16	16	30	30	40
37	116.5	112.32	70	90	90	16	16	16	30	30	40
38	119.5	115.35	70	90	95	16	16	16	30	30	40
39	122.5	118.37	70	90	95	16	16	16	30	30	40
40	125.5	121.40	70	90	100	16	16	16	30	30	40

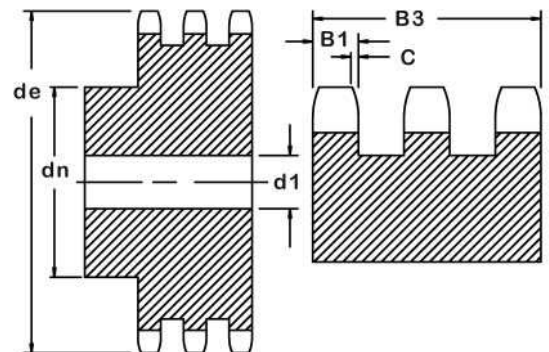
Special Sprockets Quoted Upon Request.



32B



2032B



3032B



American Metric® Corporation

GROUP: 010

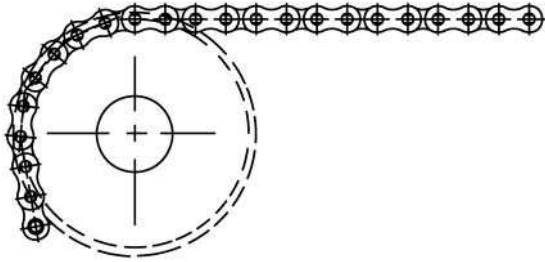
1-010 - 70910

All Metric Steel Sprockets

DIN 8187/ ISO R 606

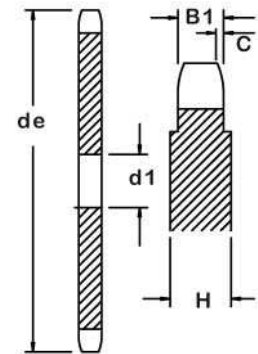
NO. 42 TYPE A

CHAIN WIDTH: 1/2 x 5/16
 PITCH: 12.7 mm
 ROLLER WIDTH: 7.75 mm
 ROLLER DIA.: 8.51 mm
 SPKT. WIDTH:
 SINGLE B1 7 mm
 DOUBLE B2 21 mm
 TRIPLE B3 35 mm

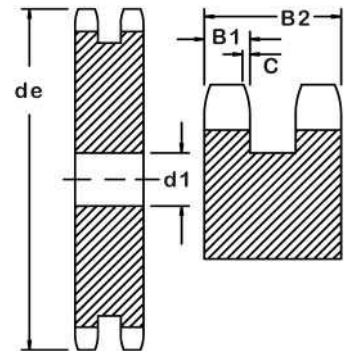


All dimensions in mm (to international metric norms)

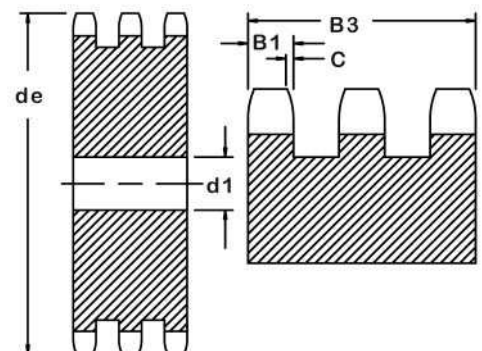
Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm			Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm		
		42	2042	3042			42	2042	3042
8	37.0	8	10	10	46	191.5	20	20	25
9	41.0	8	10	10	47	195.5	20	20	25
10	45.0	8	10	10	48	199.5	20	20	25
					49	203.5	20	20	25
11	49.0	10	10	12	50	207.5	20	20	25
12	53.0	10	10	12					
13	58.5	10	10	12	51	211.5	20	25	25
14	62.5	10	10	12	52	216.0	20	25	25
15	66.5	10	10	12	53	220.0	20	25	25
					54	224.0	20	25	25
16	70.5	10	12	16	55	228.0	20	25	25
17	74.5	10	12	16					
18	78.5	10	12	16	56	232.0	20	25	25
19	82.5	10	12	16	57	236.0	20	25	25
20	86.5	10	12	16	58	240.0	20	25	25
					59	244.0	20	25	25
21	90.5	12	16	16	60	248.0	20	25	25
22	94.5	12	16	16					
23	98.5	12	16	16	61	252.0	25	25	25
24	102.5	12	16	16	62	256.0	25	25	25
25	107.0	12	16	16	63	260.0	25	25	25
					64	264.5	25	25	25
26	111.0	16	16	16	65	268.5	25	25	25
27	115.0	16	16	16					
28	119.0	16	16	16	66	272.5	25	25	25
29	123.0	16	16	16	68	280.5	25	25	25
30	127.0	16	16	16	70	288.5	25	25	25
					72	296.5	25	25	25
31	131.0	16	16	20	75	308.5	25	25	25
32	135.0	16	16	20					
33	139.0	16	16	20	76	313.0	25	25	25
34	143.0	16	16	20	78	321.0	25	25	25
35	147.0	16	16	20	80	329.0	25	25	25
					85	349.0	25	25	25
36	151.0	16	20	20	90	369.5	25	25	25
37	155.0	16	20	20					
38	159.0	16	20	20	95	389.5	25	25	25
39	163.5	16	20	20	96	393.5	25	25	25
40	167.5	16	20	20	100	410.0	25	25	25
					114	466.0	25	25	25
41	171.5	20	20	25	125	511.0	25	25	25
42	175.5	20	20	25					
43	179.5	20	20	25					
44	183.5	20	20	25					
45	187.5	20	20	25					



42A



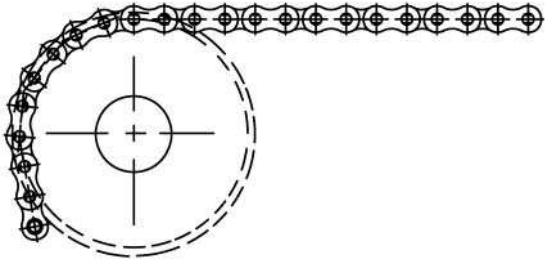
2042A



3042A

All Metric Steel Sprockets

DIN 8187/ ISO R 606

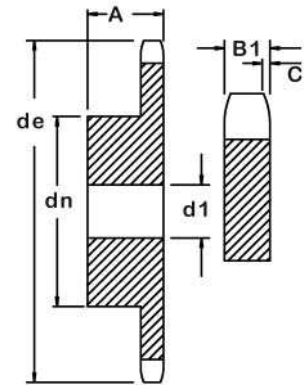


NO. 42 TYPE B

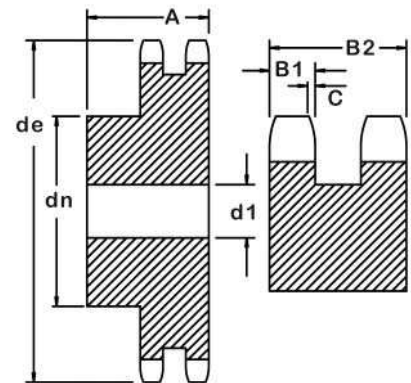
CHAIN WIDTH:	1/2 x 5/16
PITCH:	12.7 mm
ROLLER WIDTH:	7.75 mm
ROLLER DIA.:	8.51 mm
SPKT. WIDTH:	
SINGLE B1	7 mm
DOUBLE B2	21 mm
TRIPLE B3	35 mm

All dimensions in mm (to international metric norms)

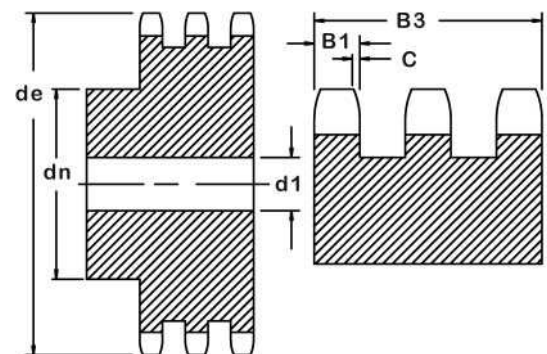
Teeth Z	Out- side Dia.	Pitch Dia. dp	Hub Diameter dn			Min. Bore d1 ±1 mm			Total Width A		
			42	2042	3042	42	2042	3042	42	2042	3042
8	37.0	33.18	20	20	20	10	10	8-10	25	32	46
9	41.0	37.13	24	24	24	10	10	12	25	32	46
10	45.0	41.10	26	28	28	10	10	12	25	32	46
11	49.0	45.07	29	32	32	10	12	14-16	25	35	50
12	53.0	49.07	33	35	35	10	12	14-16	28	35	50
13	58.5	53.06	37	38	38	10	12	14-16	28	35	50
14	62.5	57.07	41	42	42	10	12	14-16	28	35	50
15	66.5	61.09	45	46	46	10	12	14-16	28	35	50
16	70.5	65.10	50	50	50	12	14-16	16	28	35-38	50
17	74.5	69.11	52	54	54	12	14-16	16	28	35-38	50
18	78.5	73.14	56	58	58	12	14-16	16	28	35-38	50
19	82.5	77.16	60	62	62	12	14-16	16	28	35-38	50
20	86.5	81.19	64	66	66	12	14-16	16	28	35-38	50
21	90.5	85.22	68	70	70	14	16	16-20	28	40	55
22	94.5	89.24	70	70	70	14	16	16-20	28	40	55
23	98.5	93.27	70	70	70	14	16	16-20	28	40	55
24	102.5	97.29	70	75	75	14	16	16-20	28	40	55
25	107.0	101.33	70	80	80	14	16	16-20	28	40	55
26	110.0	105.36	70	85	85	16	16-20	20	30	40	55
27	115.0	109.40	70	85	85	16	16-20	20	30	40	55
28	119.0	113.42	70	90	90	16	16-20	20	30	40	55
29	123.0	117.46	80	95	95	16	16-20	20	30	40	55
30	127.0	121.50	80	100	100	16	16-20	20	30	40	55
31	131.0	125.54	90	100	110	16	20	20	30	40	55
32	135.0	129.56	90	100	110	16	20	20	30	40	55
33	139.0	133.60	90	100	110	16	20	20	30	40	55
34	143.0	137.64	90	100	110	16	20	20	30	40	55
35	147.0	141.68	90	100	110	16	20	20	30	40	55
36	151.0	145.72	90	100-110	120	16-20	20	25	35	40	55
37	155.0	149.76	90	100-110	120	16-20	20	25	35	40	55
38	159.0	153.80	90	100-110	120	16-20	20	25	35	40	55
39	163.5	157.83	90	100-110	120	16-20	20	25	35	40	55
40	167.5	161.87	90	100-110	120	16-20	20	25	35	40	55



42B

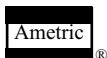


2042B



3042B

Special Sprockets Quoted Upon Request.



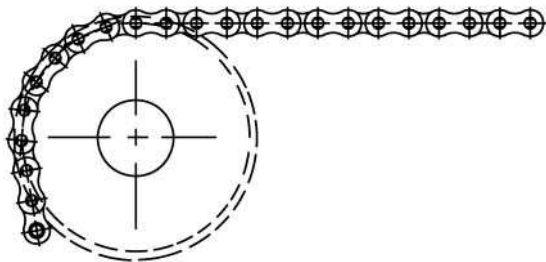
American Metric® Corporation

GROUP: 010

1-010 - 70910

All Metric Steel Sprockets

DIN 8187/ ISO R 606



NO. 43 TYPE A & B

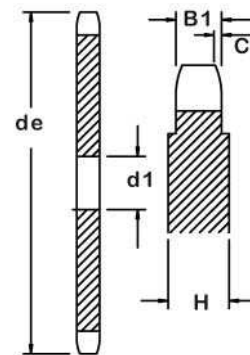
CHAIN WIDTH: 1/2 x 1/8
 PITCH: 12.7 mm
 ROLLER WIDTH: 3.3 mm
 ROLLER DIA.: 7.75 mm
 SPKT. WIDTH:
 SINGLE B1 3 mm

All dimensions in mm (to international metric norms)

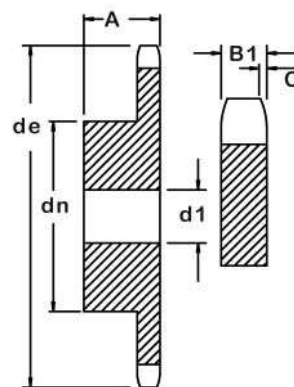
Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm	Hub Dia. dn	Total Width A	Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm
8	39.5	8	21	14	41	172.7	16
9	43.4	8	25	14	42	176.7	16
10	47.4	8	28	14	43	180.8	16
					44	184.8	16
11	51.4	8	31	16	45	188.9	16
12	55.4	8	35	16			
13	59.4	8	39	16	46	192.9	20
14	63.4	8	43	16	47	196.9	20
15	67.4	8	47	16	48	201.0	20
					49	205.0	20
16	71.4	8-10	50	18	50	209.1	20
17	75.4	8-10	50	18			
18	79.4	8-10	50	18	51	213.1	20
19	83.5	8-10	50	18	52	217.1	20
20	87.5	8-10	50	18	53	221.2	20
					54	225.2	20
21	91.5	8-12	60	20	55	229.3	20
22	95.5	10-12	60	20			
23	99.6	10-12	60	20	56	233.3	20
24	103.6	12	60	20	57	237.3	20
25	107.6	12	60	20	58	241.4	20
					59	245.4	20
26	111.7	12-16	70	20	60	249.5	20
27	115.7	12-16	70	20			
28	119.7	12-16	70	20	62	257.5	20
29	123.8	12-16	70	20	64	265.6	20
30	127.8	12-16	70	20	65	269.7	20
					66	273.7	25
31	131.8	12-16	70	20	68	281.8	25
32	135.9	12-16	70	20			
33	139.9	12-16	70	20	70	289.9	25
34	143.9	12-16	70	20	72	298.0	25
35	148.0	12-16	70	20	75	310.1	25
					76	314.1	25
36	152.0	16	70	25	78	322.2	25
37	156.1	16	70	25			
38	160.1	16	70	25	80	330.3	25
39	164.1	16	70	25	85	350.5	25
40	168.2	16	70	25	90	370.7	25
					95	390.9	25
					100	411.1	25
					110	451.5	25
					114	467.7	25
					120	492.0	25
					125	512.2	25

For plate sprockets with 31 to 89 teeth H
 = 4 mm

For plate sprockets with 90 teeth or more
 H = 6 mm



43A

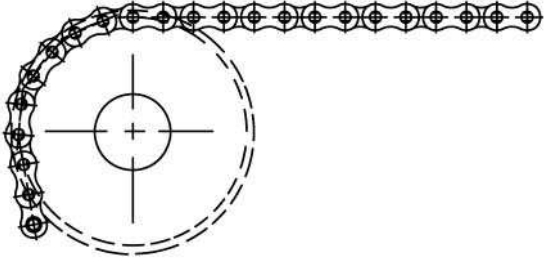


43B

Special Sprockets Quoted Upon Request.

All Metric Steel Sprockets

DIN 8187/ ISO R 606



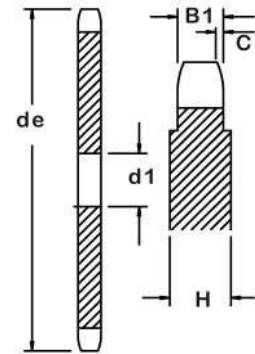
NO. 46 TYPE A & B

CHAIN WIDTH:	1/2 x 3/16
PITCH:	12.7 mm
ROLLER WIDTH:	4.88 mm
ROLLER DIA.:	7.75 mm
SPKT. WIDTH:	
SINGLE B1	4.5 mm

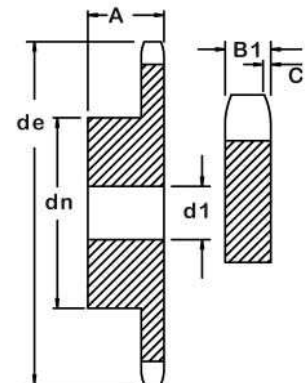
All dimensions in mm (to international metric norms)

Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm	Hub Dia. dn	Total Width A	Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm
8	39.5	8	21	14	41	172.7	16
9	43.4	8	25	14	42	176.7	16
10	47.4	8	28	14	43	180.8	16
					44	184.8	16
					45	188.9	16
11	51.4	8	31	16	46	192.9	20
12	55.4	8	35	16	47	196.9	20
13	59.4	8	39	16	48	201.0	20
14	63.4	8	43	16	49	205.0	20
15	67.4	8	47	16	50	209.1	20
16	71.4	8-10	50	18	51	213.1	20
17	75.4	8-10	50	18	52	217.1	20
18	79.4	8-10	50	18	53	221.2	20
19	83.5	8-10	50	18	54	225.2	20
20	87.5	8-10	50	18	55	229.3	20
21	91.5	8-12	60	20	56	233.3	20
22	95.5	10-12	60	20	57	237.3	20
23	99.6	10-12	60	20	58	241.4	20
24	103.6	12	60	20	59	245.4	20
25	107.6	12	60	20	60	249.5	20
26	111.7	12-16	70	20	62	257.5	20
27	115.7	12-16	70	20	64	265.6	20
28	119.7	12-16	70	20	65	269.7	20
29	123.8	12-16	70	20	66	273.7	25
30	127.8	12-16	70	20	68	281.8	25
31	131.8	12-16	70	20	70	289.9	25
32	135.9	12-16	70	20	72	298.0	25
33	139.9	12-16	70	20	75	310.1	25
34	143.9	12-16	70	20	76	314.1	25
35	148.0	12-16	70	20	78	322.2	25
36	152.0	16	70	25	80	330.3	25
37	156.1	16	70	25	85	350.5	25
38	160.1	16	70	25	90	370.7	25
39	164.1	16	70	25	95	390.9	25
40	168.2	16	70	25	100	411.1	25
					110	451.5	25
					114	467.7	25
					120	492.0	25
					125	512.2	25

For plate sprockets with 90 teeth or more H = 6 mm



46A



46B

Special Sprockets Quoted Upon Request.



American Metric® Corporation

GROUP: 010

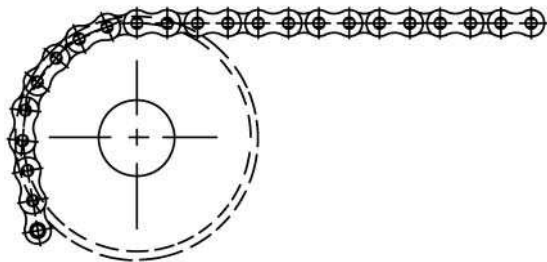
1-010 - 70910

All Metric Steel Sprockets

DIN 8187/ ISO R 606

NO. 48 TYPE A & B

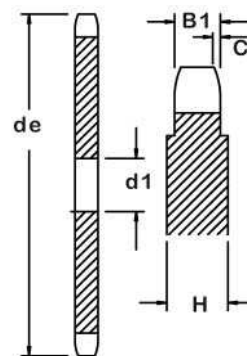
CHAIN WIDTH: 1/2 x 1/4
 PITCH: 12.7 mm
 ROLLER WIDTH: 6.4 mm
 ROLLER DIA.: 7.75 mm
 SPKT. WIDTH:
 SINGLE B1 5.9 mm



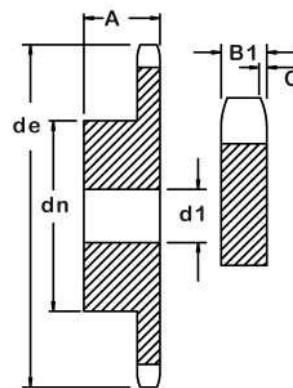
All dimensions in mm (to international metric norms)

Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm	Hub Dia. dn	Total Width A	Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm
8	39.5	8-10	20	25	41	172.7	16
9	43.4	8-10	24	25	42	176.7	16
10	47.4	8-10	26	25	43	180.8	16
					44	184.8	16
11	51.4	8-10	29	25	45	188.9	16
12	55.4	8-10	33	28			
13	59.4	8-10	37	28	46	192.9	20
14	63.4	8-10	41	28	47	196.9	20
15	67.4	8-10	45	28	48	201.0	20
					49	205.0	20
16	71.4	8-12	50	28	50	209.1	20
17	75.4	8-12	52	28			
18	79.4	8-12	56	28	51	213.1	20
19	83.5	8-12	60	28	52	217.1	20
20	87.5	8-12	64	28	53	221.2	20
					54	225.2	20
21	91.5	8-14	68	28	55	229.3	20
22	95.5	10-14	70	28			
23	99.6	10-14	70	28	56	233.3	20
24	103.6	12-14	70	28	57	237.3	20
25	107.6	12-14	70	28	58	241.4	20
					59	245.4	20
26	111.7	12-16	70	30	60	249.5	20
27	115.7	12-16	70	30			
28	119.7	12-16	70	30	62	257.5	20
29	123.8	12-16	80	30	64	265.6	20
30	127.8	12-16	80	30	65	269.7	20
					66	273.7	25
31	131.8	12-16	90	30	68	281.8	25
32	135.9	12-16	90	30			
33	139.9	12-16	90	30	70	289.9	25
34	143.9	12-16	90	30	72	298.0	25
35	148.0	12-16	90	30	75	310.1	25
					76	314.1	25
36	152.0	16	90	35	78	322.2	25
37	156.1	16	90	35			
38	160.1	16	90	35	80	330.3	25
39	164.1	16	90	35	85	350.5	25
40	168.2	16	90	35	90	370.7	25
					95	390.9	25
					100	411.1	25
					110	451.5	25
					114	467.7	25
					120	492.0	25
					125	512.2	25

71 teeth or more H = 7
 91 teeth or more H = 8



48A

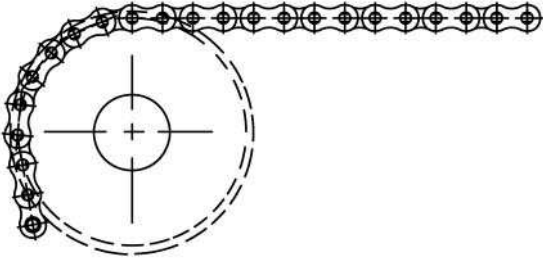


48B

Special Sprockets Quoted Upon Request.

All Metric Steel Sprockets

DIN 8187/ ISO R 606



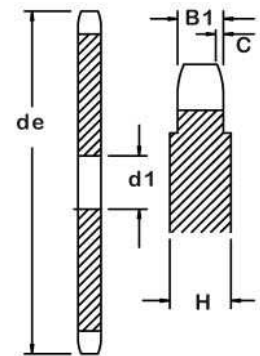
NO. 52 TYPE A

CHAIN WIDTH:	5/8 x 3/8
PITCH:	15.875 mm
ROLLER WIDTH:	9.65 mm
ROLLER DIA.:	10.16 mm
SPKT. WIDTH:	
SINGLE B1	8.8 mm
DOUBLE B2	25.4 mm
TRIPLE B3	42 mm

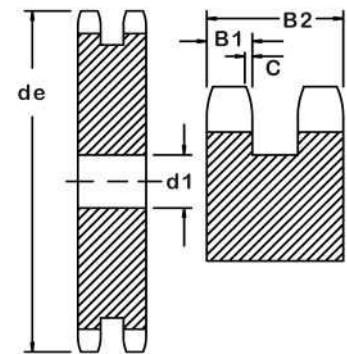
For plate sprockets with 114 teeth or more H = 10 mm

All dimensions in mm (to international metric norms)

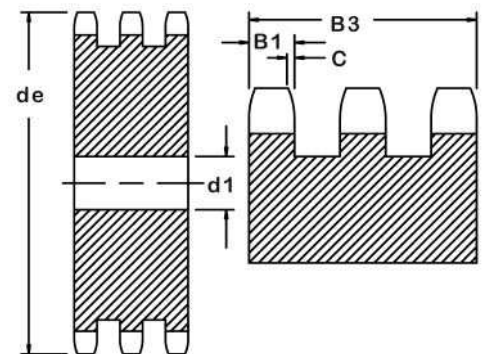
Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm			Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm		
		52	2052	3052			52	2052	3052
8	46.5	10	10	12	46	240.0	20	25	25
9	53.3	10	10	12	47	245.0	20	25	25
10	56.5	10	10	12	48	250.0	20	25	25
					49	255.0	20	25	25
					50	260.0	20	25	25
11	61.5	10	10-12	12	51	265.0	20	25	25
12	68.2	10	10-12	12	52	270.5	20	25	25
13	73.5	10	10-12	12	53	275.5	20	25	25
14	78.5	10-12	12	12	54	280.5	20	25	25
15	83.5	10-12	12	12	55	285.5	20	25	25
16	88.5	12	12	16	56	290.5	25	25	25
17	93.5	12	12	16	57	295.5	25	25	25
18	99.0	12	12	16	58	300.5	25	25	25
19	104.0	12	12	16	59	305.5	25	25	25
20	109.0	12	12	16	60	310.5	25	25	25
21	114.0	12	16	16	61	315.5	25	25	30
22	119.0	12	16	16	62	321.0	25	25	30
23	124.0	12	16	16	63	326.0	25	25	30
24	129.0	12	16	16	64	331.0	25	25	30
25	134.0	12	16	16	65	336.0	25	25	30
26	139.0	16	16-20	20	70	361.0	25	25	30
27	144.0	16	16-20	20	72	371.5	25	25	30
28	149.0	16	16-20	20	75	386.5	25	25	30
29	154.0	16	16-20	20	76	391.5	25	25	30
30	159.0	16	16-20	20	78	401.5	25	25	30
31	164.5	16	20	20	80	411.5	25	25-30	30
32	169.5	16	20	20	85	437.0	30	30	30
33	174.5	16	20	20	92	462.0	30	30	30
34	179.5	16	20	20	95	487.5	30	30	30
35	185.5	16	20	20	100	512.5	30	30	30
36	189.5	20	20	25	110	563.0	30	30	30
37	194.5	20	20	25	114	583.0	30	30	30
38	199.5	20	20	25	120	613.5	30	30	30
39	204.5	20	20	25	125	639.0	30	30	30
40	209.5	20	20	25					
41	214.5	20	20-25	25					
42	220.0	20	20-25	25					
43	225.0	20	20-25	25					
44	230.0	20	20-25	25					
45	235.0	20	20-25	25					



52A



2052A



3052A

Special Sprockets Quoted Upon Request.



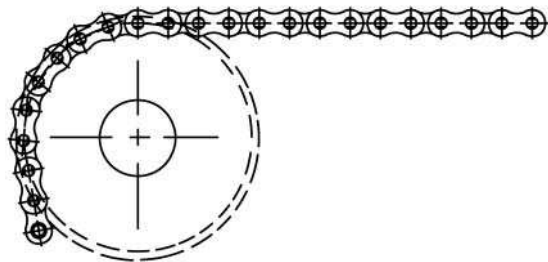
American Metric® Corporation

GROUP: 010

1-010 - 70910

All Metric Steel Sprockets

DIN 8187/ ISO R 606



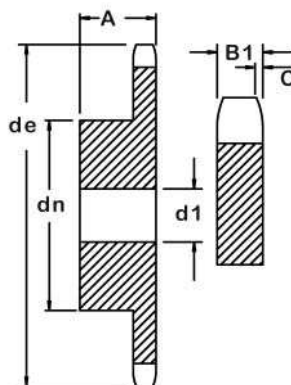
NO. 52 TYPE B

CHAIN WIDTH:	5/8 x 3/8
PITCH:	15.875 mm
ROLLER WIDTH:	9.65 mm
ROLLER DIA.:	10.16 mm
SPKT. WIDTH:	
SINGLE B1	8.8 mm
DOUBLE B2	25.4 mm
TRIPLE B3	42 mm

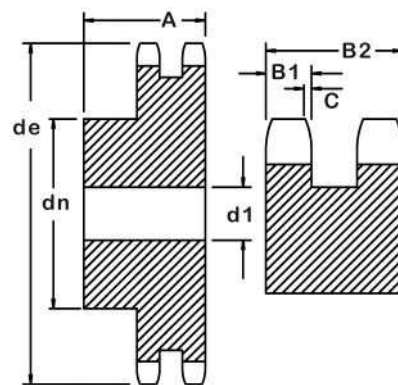
All dimensions in mm (to international metric norms)

Teeth Z	Out- side Dia.	Pitch Dia. dp	Hub Diameter dn			Min. Bore d1 ±1 mm			Total Width A		
			52	2052	3052	52	2052	3052	52	2052	3052
8	46.6	41.48	25	25	25	10	12	12	25	40	55
9	51.5	46.42	30	30	30	10	12	12	25	40	55
10	56.5	51.37	35	35	35	10	12	16	25	40	55
11	61.5	56.34	37	39	39	12	14-16	16	30	40	55
12	66.5	61.34	42	44	44	12	14-16	16	30	40	55
13	73.5	66.32	47	49	49	12	14-16	16	30	40	55
14	78.5	71.34	52	54	54	12	14-16	16	30	40	55
15	83.5	76.36	57	59	59	12	14-16	16	30	40	55
16	88.5	81.37	60	64	64	12-14	16	16	30	45	60
17	93.5	86.39	60	69	69	12-14	16	16	30	45	60
18	99.0	91.42	70	74	74	12-14	16	16	30	45	60
19	104.0	96.45	70	79	79	12-14	16	16	30	45	60
20	109.0	101.49	75	84	84	12-14	16	16	30	45	60
21	114.0	106.52	75	85	85	16	16-20	20	30	45	60
22	119.0	111.55	80	90	90	16	16-20	20	30	45	60
23	124.0	116.58	80	95	95	16	16-20	20	30	45	60
24	129.0	121.62	80	100	100	16	16-20	20	30	45	60
25	134.0	126.66	80	105	105	16	16-20	20	30	45	60
26	139.0	131.70	85	110	110	20	20	20	35	45	60
27	144.0	136.75	85	110	110	20	20	20	35	45	60
28	149.0	141.78	90	115	115	20	20	20	35	45	60
29	154.0	146.83	90	115	115	20	20	20	35	45	60
30	159.0	151.87	90	120	120	20	20	20	35	45	60
31	164.5	156.92	95	120	120	20	20	20	35	45	60
32	169.5	161.95	95	120	120	20	20	20	35	45	60
33	174.5	167.00	95	120	120	20	20	20	35	45	60
34	179.5	172.05	95	120	120	20	20	20	35	45	60
35	184.5	177.10	95	120	120	20	20	20	35	45	60
36	189.5	182.15	100	120	120	20	20	25	35	45	60
37	194.5	187.20	100	120	120	20	20	25	35	45	60
38	199.5	192.24	100	120	120	20	20	25	35	45	60
39	204.5	197.29	100	120	120	20	20	25	35	45	60
40	209.5	202.34	100	120	120	20	20	25	35	45	60

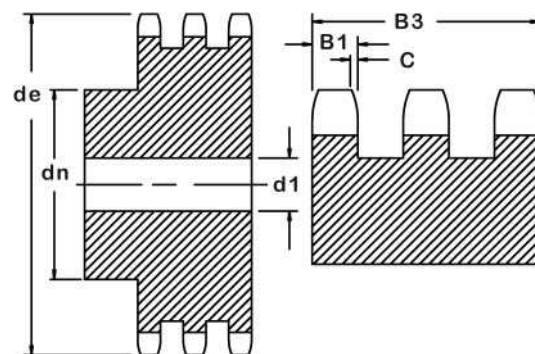
Special Sprockets Quoted Upon Request.



52B



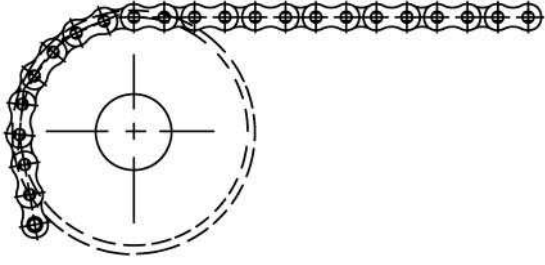
2052B



3052B

All Metric Steel Sprockets

DIN 8187/ ISO R 606

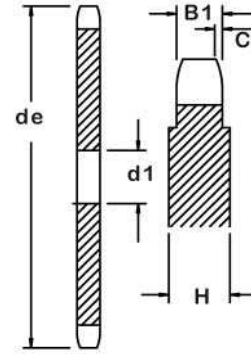


NO. 62 TYPE A

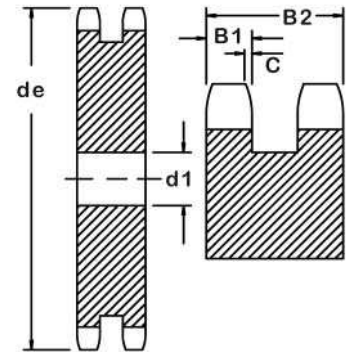
CHAIN WIDTH:	3/4 x 7/16
PITCH:	19.05 mm
ROLLER WIDTH:	11.68 mm
ROLLER DIA.:	12.07 mm
SPKT. WIDTH:	
SINGLE B1	10.8 mm
DOUBLE B2	30.3 mm
TRIPLE B3	49.8 mm

All dimensions in mm (to international metric norms)

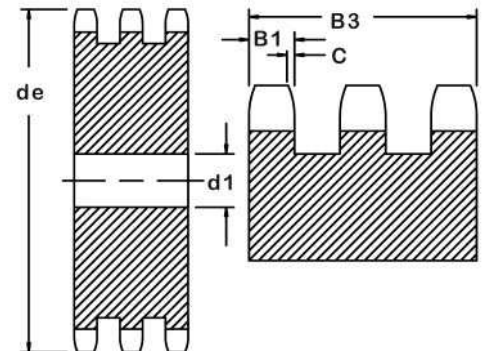
Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm			Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm		
		62	2062	3062			62	2062	3062
8	56.0	10-12	12	12	46	288.0	25	25	25
9	62.0	10-12	12	12	47	294.0	25	25	25
10	68.0	10-12	12	12	48	300.0	25	25	25
					49	306.0	25	25	25
11	74.0	12-14	12-14	16	50	312.0	25	25	25
12	80.0	12-14	12-14	16					
13	88.5	12-14	12-14	16	51	318.0	25	25	25
14	94.5	14-16	14-16	16	52	324.0	25	25	25
15	100.5	14-16	14-16	16	53	330.0	25	25	25
					54	336.5	25	25	25
16	106.5	14-16	16	16-20	55	342.5	25	25	25
17	112.5	14-16	16	16-20					
18	118.5	14-16	16	16-20	56	348.5	25	25	30
19	124.5	14-16	16	16-20	57	354.5	25	25	30
20	130.5	14-16	16	16-20	58	360.5	25	25	30
					59	366.5	25	25	30
21	136.5	16	16-20	20	60	372.5	25	25	30
22	142.5	16	16-20	20					
23	148.5	16	16-20	20	61	378.5	25	30	30
24	154.5	16	16-20	20	62	385.0	25	30	30
25	160.5	16	16-20	20	63	391.0	25	30	30
					64	397.0	25	30	30
26	166.5	16	20	20	65	403.0	25	30	30
27	172.5	16	20	20					
28	179.0	16	20	20	66	409.0	30	30	30
29	185.0	16	20	20	67	415.0	30	30	30
30	191.0	16	20	20	68	421.0	30	30	30
					69	427.0	30	30	30
31	197.0	20	20	25	70	433.5	30	30	30
32	203.0	20	20	25					
33	209.0	20	20	25	72	445.5	30	30	30
34	215.0	20	20	25	75	463.5	30	30	30
35	221.0	20	20	25	76	469.5	30	30	30
					80	494.0	30	30	30
36	227.0	20	25	25	95	585.0	30	30	30
37	233.5	20	25	25					
38	239.5	20	25	25	114	700.0	30	30	30
39	245.5	20	25	25	125	767.0	30	30	30
40	251.5	20	25	25					
41	257.5	25	25	25					
42	263.5	25	25	25					
43	269.5	25	25	25					
44	275.5	25	25	25					
45	282.0	25	25	25					



62A



2062A



3062A

Special Sprockets Quoted Upon Request.



American Metric® Corporation

GROUP: 010

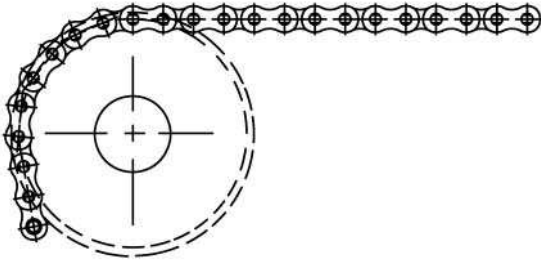
1-010 - 70910

All Metric Steel Sprockets

DIN 8187/ ISO R 606

NO. 62 TYPE B

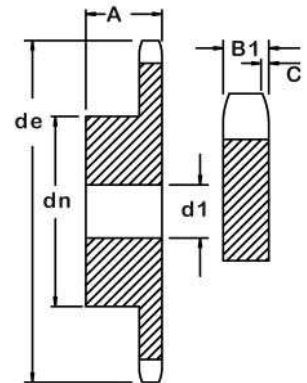
CHAIN WIDTH:	3/4 x 7/16
PITCH:	19.05 mm
ROLLER WIDTH:	11.68 mm
ROLLER DIA.:	12.07 mm
SPKT. WIDTH:	
SINGLE B1	10.8 mm
DOUBLE B2	30.3 mm
TRIPLE B3	49.8 mm



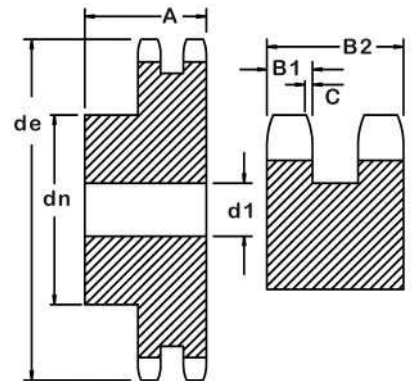
All dimensions in mm (to international metric norms)

Teeth Z	Out- side Dia.	Pitch Dia. dp	Hub Diameter dn			Min. Bore d1 ±1 mm			Total Width A		
			62	2062	3062	62	2062	3062	62	2062	3062
8	56.0	49.78	31	31	31	12	12-16	16	30	45	65
9	62.0	55.70	37	37	37	12	12-16	16	30	45	65
10	68.0	61.64	42	42	42	12	12-16	16	30	45	65
11	74.0	67.61	46	47	47	14-16	16	20	35	50	70
12	80.0	73.61	52	53	53	14-16	16	20	35	50	70
13	88.5	79.59	58	59	59	14-16	16	20	35	50	70
14	94.5	85.61	64	65	65	14-16	16-20	20	35	50	70
15	100.5	91.63	70	71	71	14-16	16-20	20	35	50	70
16	106.5	97.65	75	77	77	16	20	20	35	50	70
17	112.5	103.67	80	83	83	16	20	20	35	50	70
18	118.5	109.71	80	89	89	16	20	20	35	50	70
19	124.5	115.75	80	95	95	16	20	20	35	50	70
20	130.5	121.78	80	100	100	16	20	20	35	50	70
21	136.5	127.82	90	100	100	20	20	20-25	40	50	70
22	142.5	133.86	90	100	100	20	20	20-25	40	50	70
23	148.5	139.90	90	110	110	20	20	20-25	40	50	70
24	154.5	145.94	90	110	110	20	20	20-25	40	50	70
25	160.5	152.00	90	120	120	20	20	20-25	40	50	70
26	166.5	158.04	95	120	120	20	20	20-25	40	50	70
27	172.5	164.09	95	120	120	20	20	20-25	40	50	70
28	179.0	170.13	95	120	120	20	20	20-25	40	50	70
29	185.0	176.19	95	120	120	20	20	20-25	40	50	70
30	191.0	182.25	95	120	120	20	20	20-25	40	50	70
31	197.0	188.31	95-100	120-130	130	20	20	25	40	50	70
32	203.0	194.35	95-100	120-130	130	20	20	25	40	50	70
33	209.0	200.40	95-100	120-130	130	20	20	25	40	50	70
34	215.0	206.46	95-100	120-130	130	20	20	25	40	50	70
35	221.0	212.52	95-100	120-130	130	20	20	25	40	50	70
36	227.0	218.58	100	120-130	130	20-25	25	25	40	50	70
37	233.5	224.64	100	120-130	130	20-25	25	25	40	50	70
38	239.5	230.64	100	120-130	130	20-25	25	25	40	50	70
39	245.5	236.75	100	120-130	130	20-25	25	25	40	50	70
40	251.5	242.81	100	120-130	130	20-25	25	25	40	50	70

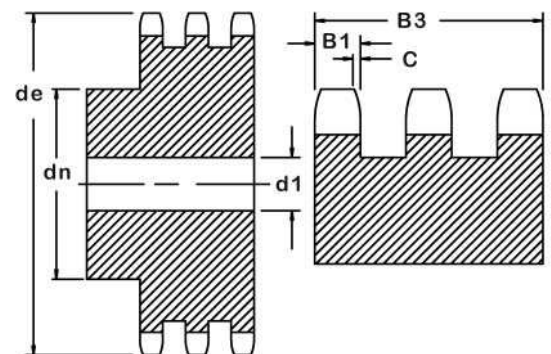
Special Sprockets Quoted Upon Request.



62B



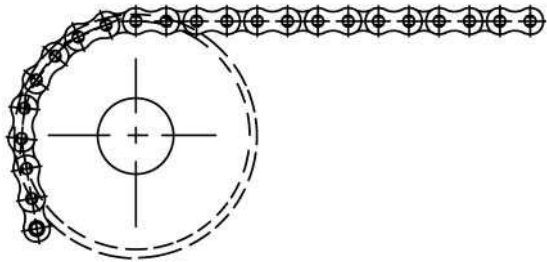
2062B



3062B

All Metric Steel Sprockets

DIN 8187/ ISO R 606

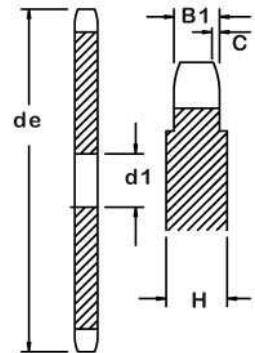


NO. 82 TYPE A

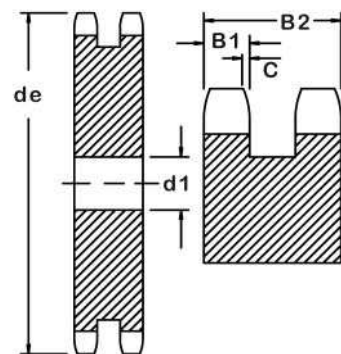
CHAIN WIDTH:	1 x 17.02
PITCH:	25.4 mm
ROLLER WIDTH:	17.02 mm
ROLLER DIA.:	15.88 mm
SPKT. WIDTH:	
SINGLE B1	15.5 mm
DOUBLE B2	47.7 mm
TRIPLE B3	79.6 mm

All dimensions in mm (to international metric norms)

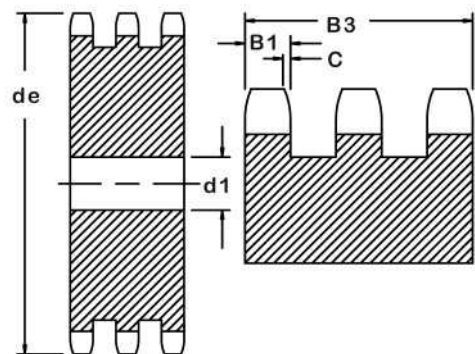
Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm			Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm		
		82	2082	3082			82	2082	3082
8	75.5	12-16	16	16-20	46	383.5	25	25-30	30
9	82.5	12-16	16	16-20	47	391.5	25	25-30	30
10	90.5	12-16	16	16-20	48	399.5	25	25-30	30
					49	408.0	25	25-30	30
					50	416.0	25	25-30	30
11	98.5	15-16	20	20	51	424.0	30	30	40
12	106.5	15-16	20	20	52	432.0	30	30	40
13	117.5	15-16	20	20	53	440.0	30	30	40
14	125.5	15-16	20	20	54	448.0	30	30	40
15	133.5	15-16	20	20	55	456.5	30	30	40
16	141.5	19-20	20	25-30	56	464.5	30	30-40	40
17	149.5	19-20	20	25-30	57	472.5	30	30-40	40
18	157.5	19-20	20	25-30	58	480.5	30	30-40	40
19	165.5	19-20	20	25-30	59	488.5	30	30-40	40
20	173.5	19-20	20	25-30	60	496.5	30	30-40	40
21	182.0	20	25	25-30	61	505.0	30	30-40	40
22	190.0	20	25	25-30	62	513.0	30	30-40	40
23	198.0	20	25	25-30	63	521.0	30	30-40	40
24	206.0	20	25	25-30	64	529.0	30	30-40	40
25	214.0	20	25	25-30	65	537.0	30	30-40	40
26	222.0	20	25	30	66	545.0	30	30-40	40
27	230.0	20	25	30	67	553.5	30	30-40	40
28	238.0	20	25	30	68	561.5	30	30-40	40
29	246.5	20	25	30	69	569.5	30	30-40	40
30	254.5	20	25	30	70	577.5	30	30-40	40
31	262.5	25	25	30	72	593.5	30	30-40	40
32	270.5	25	25	30	75	618.0	30	30-40	40
33	278.5	25	25	30	76	626.0	30	30-40	40
34	286.5	25	25	30	78	642.0	30	30-40	40
35	294.5	25	25	30	80	658.5	30	30-40	40
36	303.0	25	25	30	85	698.5	30	30-40	40
37	311.0	25	25	30	90	739.0	30	30-40	40
38	319.0	25	25	30	95	779.5	30	30-40	40
39	327.0	25	25	30	100	820.0	30	30-40	40
40	335.0	25	25	30	110	900.5	30	30-40	40
41	343.0	25	25	30	114	933.0	30	40	40
42	351.5	25	25	30	120	982.8	30	40	40
43	359.5	25	25	30	125	1023.2	30	40	40
44	367.5	25	25	30					
45	375.5	25	25	30					



82A



2082A



3082A

Special Sprockets Quoted Upon Request.



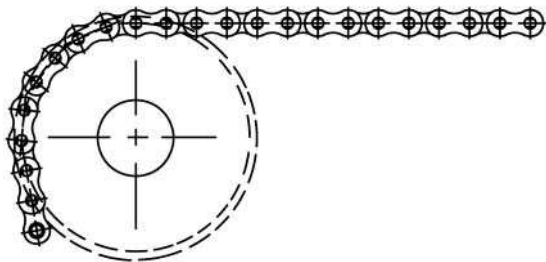
American Metric® Corporation

GROUP: 010

1-010 - 70910

All Metric Steel Sprockets

DIN 8187/ ISO R 606



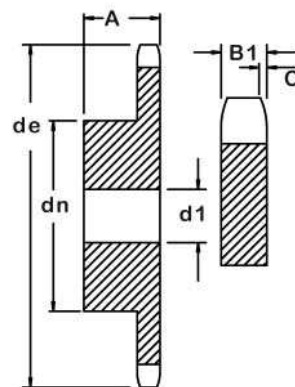
NO. 82 TYPE B

CHAIN WIDTH:	1 x 17.02
PITCH:	25.4 mm
ROLLER WIDTH:	17.02 mm
ROLLER DIA.:	15.88 mm
SPKT. WIDTH:	
SINGLE B1	15.5 mm
DOUBLE B2	47.7 mm
TRIPLE B3	79.6 mm

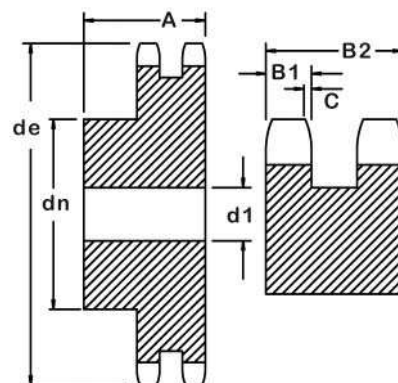
All dimensions in mm (to international metric norms)

Teeth Z	Out- side Dia.	Pitch Dia. dp	Hub Diameter dn			Min. Bore d1 ±1 mm			Total Width A		
			82	2082	3082	82	2082	3082	82	2082	3082
8	74.5	66.37	42	42	42	16	16-20	20	35	65	95
9	82.5	74.27	50	50	50	16	16-20	20	35	65	95
10	93.8	82.19	55	56	56	16	16-20	20	35	65	95
11	98.5	90.14	61	64	64	16	20	25	40	70	100
12	106.5	98.14	69	72	72	16	20	25	40	70	100
13	117.5	106.12	78	80	80	16	20	25	40	70	100
14	125.5	114.15	84	88	88	16	20	25	40	70	100
15	133.5	122.17	92	96	96	16	20	25	40	70	100
16	141.5	130.20	100	104	104	20	20-25	25-30	45	70	100
17	149.5	138.22	100	112	112	20	20-25	25-30	45	70	100
18	157.5	146.28	100	120	120	20	20-25	25-30	45	70	100
19	165.5	154.33	100	128	128	20	20-25	25-30	45	70	100
20	173.5	162.38	100	130	130	20	20-25	25-30	45	70	100
21	182.0	170.43	110	130	130	20	25	25-30	50	70	100
22	190.0	178.48	110	130	130	20	25	25-30	50	70	100
23	198.0	186.54	110	130	130	20	25	25-30	50	70	100
24	206.0	194.59	110	130	130	20	25	25-30	50	70	100
25	214.0	202.66	110	130	130	20	25	25-30	50	70	100
26	222.0	210.72	120	130	130	20	25	30	50	70	100
27	230.0	218.79	120	130	130	20	25	30	50	70	100
28	238.0	226.85	120	130	130	20	25	30	50	70	100
29	246.5	234.92	120	130	130	20	25	30	50	70	100
30	254.5	243.00	120	130	130	20	25	30	50	70	100
31	262.5	251.08	120	140	140	25	25	30	50	70	100
32	270.5	259.13	120	140	140	25	25	30	50	70	100
33	278.5	267.21	120	140	140	25	25	30	50	70	100
34	286.5	275.28	120	140	140	25	25	30	50	70	100
35	294.5	283.36	120	140	140	25	25	30	50	70	100
36	303.0	291.44	120	140	140	25	25	30	50	70	100
37	311.0	299.51	120	140	140	25	25	30	50	70	100
38	319.0	307.59	120	140	140	25	25	30	50	70	100
39	327.0	315.67	120	140	140	25	25	30	50	70	100
40	335.0	323.75	120	140	140	25	25	30	50	70	100

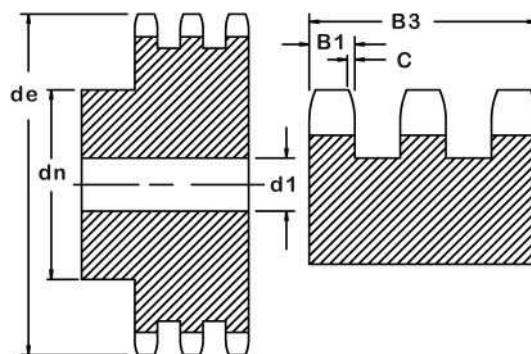
Special Sprockets Quoted Upon Request.



82B



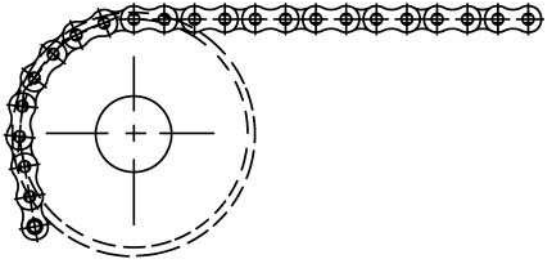
2082B



3082B

All Metric Steel Sprockets

DIN 8187/ ISO R 606

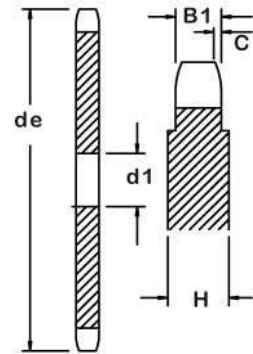


NO. 102 TYPE A

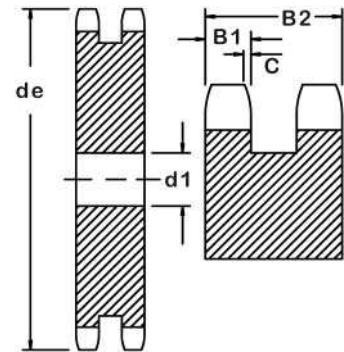
CHAIN WIDTH:	1-1/4 x 3/4
PITCH:	31.75 mm
ROLLER WIDTH:	19.56 mm
ROLLER DIA.:	19.05 mm
SPKT. WIDTH:	
SINGLE B1	18 mm
DOUBLE B2	54.5 mm
TRIPLE B3	91 mm

All dimensions in mm (to international metric norms)

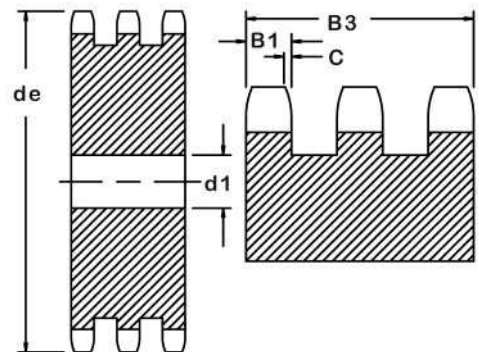
Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm			Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm		
		102	2102	3102			102	2102	3102
8	95.0	16	20	20	46	479.0	30	30	40
9	105.5	16	20	20	47	489.0	30	30	40
10	116.0	16	20	20	48	499.0	30	30	40
					49	509.0	30	30	40
11	126.0	16-20	20	20-25	50	519.5	30	30	40
12	136.0	20	20	20-25					
13	146.5	20	20	20-25	51	529.5	30	30-40	40
14	156.5	20	20	20-25	52	539.5	30	30-40	40
15	166.5	20	20	20-25	53	549.5	30	30-40	40
					54	559.5	30	30-40	40
16	176.5	20-25	25-30	25-30	55	570.0	30	30-40	40
17	186.5	20-25	25-30	25-30					
18	196.5	20-25	25-30	25-30	56	580.0	30	30-40	40
19	206.5	20-25	25-30	25-30	57	590.0	30	30-40	40
20	216.5	20-25	25-30	25-30	58	600.0	30	30-40	40
					59	610.0	30	30-40	40
21	226.5	25	25-30	25-30	60	620.0	30	30-40	40
22	236.5	25	25-30	25-30					
23	247.0	25	25-30	25-30	62	640.5	30	30-40	40
24	257.0	25	25-30	25-30	64	660.5	30	30-40	40
25	267.0	25	25-30	25-30	65	671.0	30	30-40	40
					66	681.0	30	30-40	40
26	277.0	25-30	25-30	25-30	68	701.0	30	30-40	40
27	287.0	25-30	25-30	25-30					
28	297.0	25-30	25-30	25-30	70	721.5	30	30-40	40
29	307.5	25-30	25-30	25-30	72	741.5	30	30-40	40
30	317.5	25-30	25-30	25-30	75	772.0	30	30-40	40
					76	782.0	30	30-40	40
31	327.5	25-30	25-30	30	80	822.5	30	30-40	40
32	337.5	25-30	25-30	30					
33	347.5	25-30	25-30	30	85	873.0	30	30-40	40
34	357.5	25-30	25-30	30	90	923.0	30	30-40	40
35	368.0	25-30	25-30	30	95	974.0	30	30-40	40
					100	1024.0	30-40	40	40
36	378.0	25-30	30	30	114	1166.0	30-40	40	40
37	388.0	25-30	30	30					
38	398.0	25-30	30	30					
39	408.0	25-30	30	30					
40	418.5	25-30	30	30					
41	428.5	30	30	40					
42	438.5	30	30	40					
43	448.5	30	30	40					
44	458.5	30	30	40					
45	469.0	30	30	40					



102A



2102A



3102A

Special Sprockets Quoted Upon Request.



American Metric® Corporation

GROUP: 010

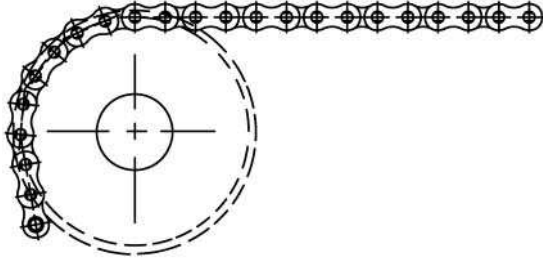
1-010 - 70910

All Metric Steel Sprockets

DIN 8187/ ISO R 606

NO. 102 TYPE B

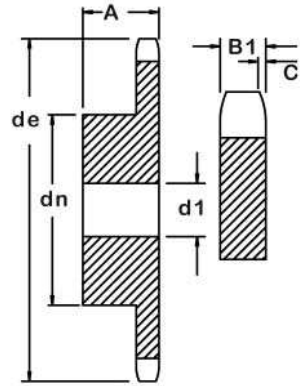
CHAIN WIDTH:	1-1/4 x 3/4
PITCH:	31.75 mm
ROLLER WIDTH:	19.56 mm
ROLLER DIA.:	19.05 mm
SPKT. WIDTH:	
SINGLE B1	18 mm
DOUBLE B2	54.5 mm
TRIPLE B3	91 mm



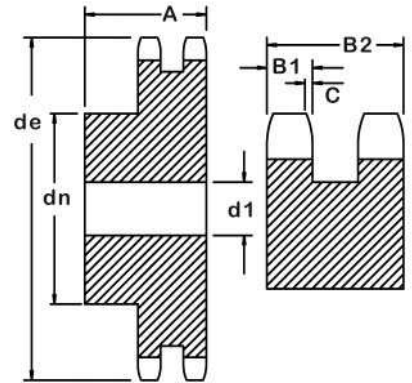
All dimensions in mm (to international metric norms)

Teeth Z	Out- side Dia.	Pitch Dia. dp	Hub Diameter dn			Min. Bore d1 ±1 mm			Total Width A		
			102	2102	3102	102	2102	3102	102	2102	3102
8	95.0	82.96	53	53	53	20	20	20-25	40	75	110
9	105.5	92.84	63	63	63	20	20	20-25	40	75	110
10	116.0	102.74	70	70	70	20	20	20-25	40	75	110
11	126.0	112.68	77	80	80	20	20-25	20-30	45	80	115
12	136.0	122.68	88	90	90	20	20-25	20-30	45	80	115
13	146.5	132.65	98	100	100	20	20-25	20-30	45	80	115
14	156.5	142.68	108	110	110	20	20-25	20-30	45	80	115
15	166.5	152.72	118	120	120	20	20-25	20-30	45	80	115
16	176.5	162.75	120	120	120	25	25-30	25-30	50	80	115
17	186.5	172.78	120	120	120	25	25-30	25-30	50	80	115
18	196.5	182.85	120	120	120	25	25-30	25-30	50	80	115
19	206.5	192.91	120	120	120	25	25-30	25-30	50	80	115
20	216.5	202.98	120	120	120	25	25-30	25-30	50	80	115
21	226.5	213.04	140	140	140	25-30	25-30	25-30	55	80	115
22	236.5	223.11	140	140	140	25-30	25-30	25-30	55	80	115
23	247.0	233.17	140	140	140	25-30	25-30	25-30	55	80	115
24	257.0	243.23	140	140	140	25-30	25-30	25-30	55	80	115
25	267.0	253.33	140	140	140	25-30	25-30	25-30	55	80	115
26	277.0	263.40	150	150	150	25-30	25-30	25-30	55	80	115
27	287.0	273.49	150	150	150	25-30	25-30	25-30	55	80	115
28	297.0	283.56	150	150	150	25-30	25-30	25-30	55	80	115
29	307.5	293.65	150	150	150	25-30	25-30	25-30	55	80	115
30	317.5	303.75	150	150	150	25-30	25-30	25-30	55	80	115
31	327.5	313.85	150-160	150	150	25-30	25-30	30	55	80	115
32	337.5	323.91	150-160	150	150	25-30	25-30	30	55	80	115
33	347.5	334.01	150-160	150	150	25-30	25-30	30	55	80	115
34	357.5	344.10	150-160	150	150	25-30	25-30	30	55	80	115
35	368.0	354.20	150-160	150	150	25-30	25-30	30	55	80	115
36	378.0	364.30	150-160	150	150	25-30	30	30	55	80	115
37	388.0	374.39	150-160	150	150	25-30	30	30	55	80	115
38	398.0	384.49	150-160	150	150	25-30	30	30	55	80	115
39	408.0	394.59	150-160	150	150	25-30	30	30	55	80	115
40	418.5	404.68	150-160	150	150	25-30	30	30	55	80	115

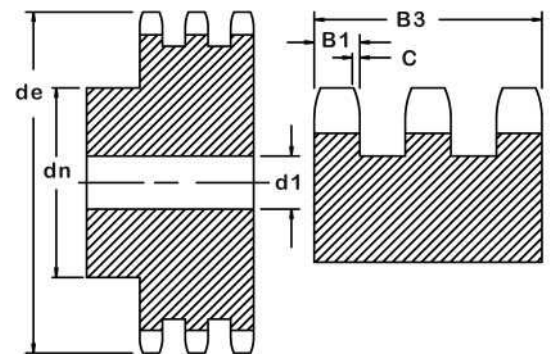
Special Sprockets Quoted Upon Request.



102B



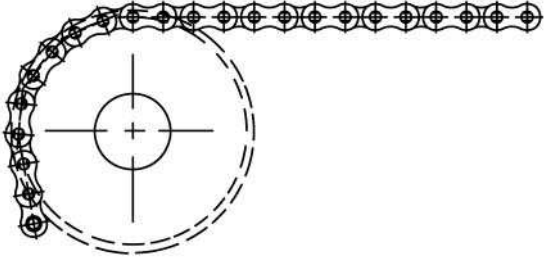
2102B



3102B

All Metric Steel Sprockets

DIN 8187/ ISO R 606

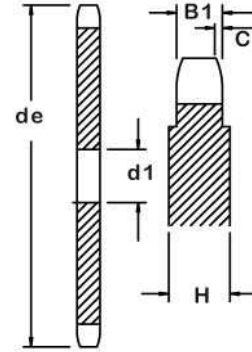


NO. 122 TYPE A

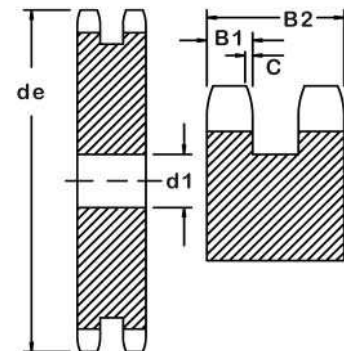
CHAIN WIDTH:	1-1/2 x 1
PITCH:	38.1 mm
ROLLER WIDTH:	25.4 mm
ROLLER DIA.:	25.4 mm
SPKT. WIDTH:	
SINGLE B1	24.1 mm
DOUBLE B2	72.0 mm
TRIPLE B3	120.3 mm

All dimensions in mm (to international metric norms)

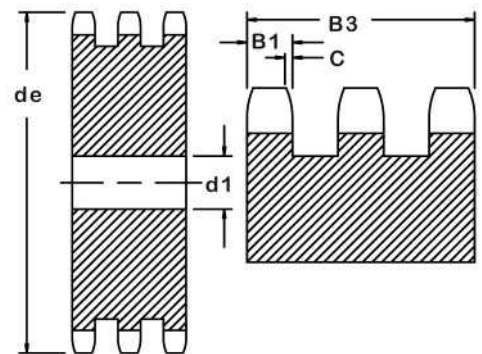
Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm			Teeth Z	Outside Dia. de	Min. Bore d1 ±1 mm		
		122	2122	3122			122	2122	3122
8	112.5	20	25	25	46	576.5	30	40	40
9	124.5	20	25	25	47	588.5	30	40	40
10	136.0	20	25	25	48	600.5	30	40	40
					49	612.5	30	40	40
11	148.0	20-25	25	25-30	50	624.5	30	40	40
12	160.0	20-25	25	25-30					
13	177.0	20-25	25	25-30	51	637.0	30	40	40
14	189.0	20-25	25	25-30	52	649.0	30	40	40
15	201.0	20-25	25	25-30	53	661.0	30	40	40
					54	673.0	30	40	40
16	213.5	25	25-30	25-30	55	685.5	30	40	40
17	225.5	25	25-30	25-30					
18	237.5	25	25-30	25-30	56	697.5	30	40	40
19	249.5	25	25-30	25-30	57	709.5	30	40	40
20	261.5	25	25-30	25-30	58	721.5	30	40	40
					59	734.0	30	40	40
21	273.5	25-30	25-30	30-40	60	746.0	30	40	40
22	285.5	25-30	25-30	30-40					
23	298.0	25-30	25-30	30-40	62	770.0	40	40	40
24	310.0	25-30	25-30	30-40	64	794.5	40	40	40
25	322.0	25-30	25-30	30-40	65	806.5	40	40	40
					66	818.5	40	40	40
26	334.0	30	30	30-40	68	843.0	40	40	40
27	346.0	30	30	30-40					
28	358.0	30	30	30-40	70	867.0	40	40	40
29	370.5	30	30	30-40	72	891.5	40	40	40
30	382.5	30	30	40	75	928.0	40	40	40
					76	940.0	40	40	40
31	394.5	30	30-40	40	80	988.5	40	40	40
32	406.5	30	30-40	40					
33	419.0	30	30-40	40	85	1048.5	40	40	40
34	431.0	30	30-40	40	95	1170.0	40	40	40
35	443.0	30	30-40	40					
36	455.0	30	30-40	40					
37	467.0	30	30-40	40					
38	479.5	30	30-40	40					
39	491.5	30	30-40	40					
40	503.5	30	30-40	40					
41	515.5	30	40	40					
42	528.0	30	40	40					
43	540.0	30	40	40					
44	552.0	30	40	40					
45	564.0	30	40	40					



122A



2122A



3122A

Special Sprockets Quoted Upon Request.



American Metric® Corporation

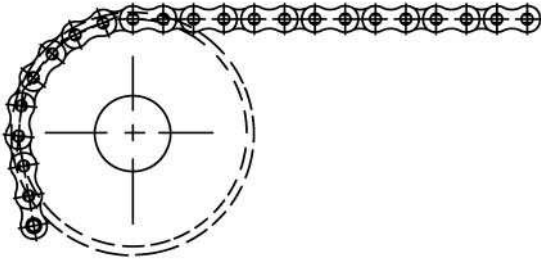
GROUP: 010

1-010 - 70910

All Metric Steel Sprockets

DIN 8187/ ISO R 606

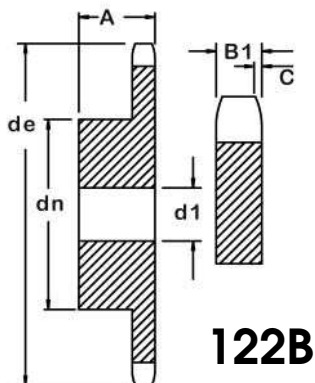
NO. 122 TYPE A&B



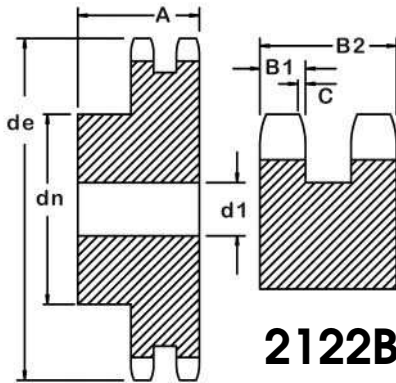
CHAIN WIDTH:	1-1/2 x 1
PITCH:	38.1 mm
ROLLER WIDTH:	25.4 mm
ROLLER DIA.:	25.4 mm
SPKT. WIDTH:	
SINGLE B1	24.1 mm
DOUBLE B2	72.0 mm
TRIPLE B3	120.3 mm

All dimensions in mm (to international metric norms)

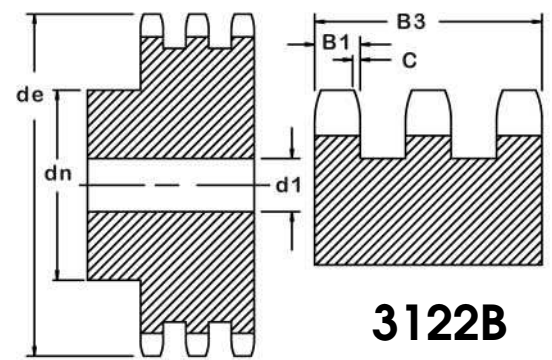
Teeth Z	Outside Dia. de	Pitch Dia. dp	Hub Diameter dn			Min. Bore d1 ±1 mm			Total Width A		
			122	2122	3122	122	2122	3122	122	2122	3122
8	112.5	99.55	58	58	58	20	25	25	45	95	140
9	124.5	111.40	70	70	70	20	25	25	45	95	140
10	139.0	123.30	80	80	80	20	25	25	45	95	140
11	152.0	135.23	90	90	90	25	25	25-30	50	100	150
12	164.0	147.21	102	102	102	25	25	25-30	50	100	150
13	177.0	159.21	114	114	114	25	25	25-30	50	100	150
14	189.0	171.22	128	128	128	25	25	25-30	50	100	150
15	201.0	183.25	132-140	132-140	132-140	25	25	25-30	50	100	150
16	213.5	195.29	136-140	136-150	136-150	25	25-30	25-30	55	100	150
17	225.5	207.35	136-140	136-150	136-150	25	25-30	25-30	55	100	150
18	237.5	219.41	136-140	150-160	150-160	25	25-30	25-30	55	100	150
19	249.5	231.48	136-140	160	160	25	25-30	25-30	55	100	150
20	261.5	243.55	136-140	160	160	25	25-30	25-30	55	100	150
21	273.5	255.63	150	160	160	25-30	25-30	30-40	60	100	150
22	285.5	267.72	150	160	160	25-30	25-30	30-40	60	100	150
23	298.0	279.81	150	160	160	25-30	25-30	30-40	60	100	150
24	310.0	291.90	150	160	160	25-30	25-30	30-40	60	100	150
25	322.0	303.99	150	160	160	25-30	25-30	30-40	60	100	150
26	334.0	316.09	150-160	160	160	30	30	30-40	60	100	150
27	346.0	328.19	150-160	160	160	30	30	30-40	60	100	150
28	358.0	340.29	150-160	160	160	30	30	30-40	60	100	150
29	370.5	352.39	150-160	160	160	30	30	30-40	60	100	150
30	382.5	364.50	150-160	160	160	30	30	40	60	100	150
31	394.5	376.62	150-160	160-170	160-170	30	30-40	40	60	100	150
32	406.5	388.69	150-160	160-170	160-170	30	30-40	40	60	100	150
33	419.0	400.81	150-160	160-170	160-170	30	30-40	40	60	100	150
34	431.0	412.93	150-160	160-170	160-170	30	30-40	40	60	100	150
35	443.0	425.04	150-160	160-170	160-170	30	30-40	40	60	100	150
36	455.0	437.16	150-160	160-170	160-170	30	30-40	40	60	100	150
37	467.0	449.27	150-160	160-170	160-170	30	30-40	40	60	100	150
38	479.5	461.39	150-160	160-170	160-170	30	30-40	40	60	100	150
39	491.5	473.50	150-160	160-170	160-170	30	30-40	40	60	100	150
40	503.5	485.62	150-160	160-170	160-170	30	30-40	40	60	100	150



122B



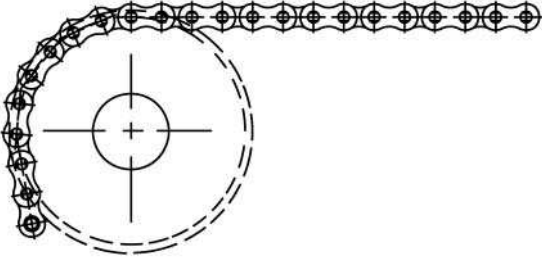
2122B



3122B

All Metric Steel Sprockets

DIN 8187/ ISO R 606

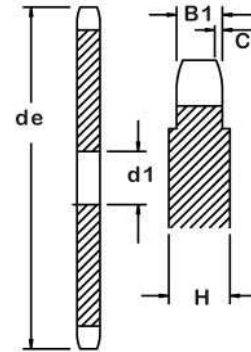


NO. 142 TYPE A

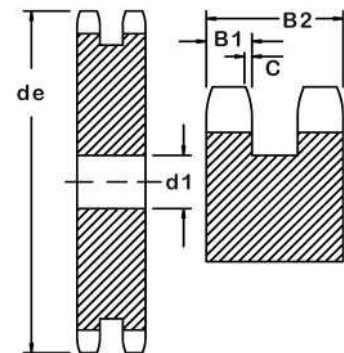
CHAIN WIDTH:	1-3/4 x 1-1/4
PITCH:	44.45 mm
ROLLER WIDTH:	30.99 mm
ROLLER DIA.:	27.94 mm
SPKT. WIDTH:	
SINGLE B1	28 mm
DOUBLE B2	87.5 mm
TRIPLE B3	147 mm

All dimensions in mm (to international metric norms)

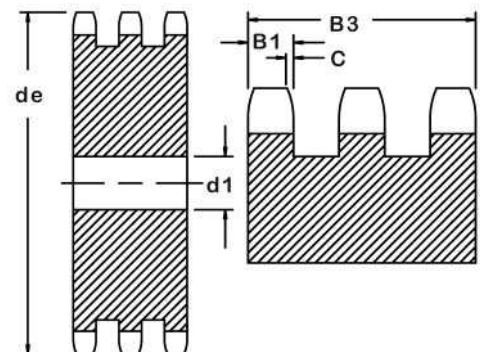
Teeth Z	Outside Dia. de	Pitch Dia. dp	Min. Bore d1 ±1 mm		
			142	2142	3142
8	135.5	116.15	20-25	25	25
9	149.0	129.96	20-25	25	25
10	163.0	143.85	20-25	25	25
11	177.0	157.77	25	25-30	30
12	191.0	171.74	25	25-30	30
13	207.0	185.74	25	25-30	30
14	221.0	199.76	25	25-30	30
15	235.0	213.79	25	25-30	30
16	249.0	227.84	30	30	30
17	263.0	241.91	30	30	30
18	277.0	255.98	30	30	30
19	292.0	270.06	30	30	30
20	306.0	284.15	30	30	30
21	320.0	298.24	30	30	30-40
22	334.0	312.34	30	30	30-40
23	348.0	326.44	30	30	30-40
24	362.0	340.55	30	30	30-40
25	376.0	354.66	30	30	40
26	390.0	368.77	30	30-40	40
27	404.0	382.88	30	30-40	40
28	419.0	397.00	30	30-40	40
29	433.0	411.12	30	30-40	40
30	447.0	425.24	30	30-40	40
31	460.0	439.36	30	30-40	40
32	475.0	453.49	30	30-40	40
33	489.0	467.61	30	30-40	40
34	503.0	481.74	30	30-40	40
35	517.0	495.87	30	30-40	40
36	531.0	510.00	30	30-40	40
37	545.0	524.13	30	30-40	40
38	559.0	538.26	30	30-40	40
39	574.0	552.40	30	30-40	40
40	588.0	566.54	30	30-40	40
45	659.0	637.22	30	30-40	40
50	729.0	707.91	30	30-40	40
57	828.0	806.90	40	40	40
60	871.0	849.32	40	40	40
76	1097.0	1075.62	40	40	40



142A



2142A



3142A

Special Sprockets Quoted Upon Request.



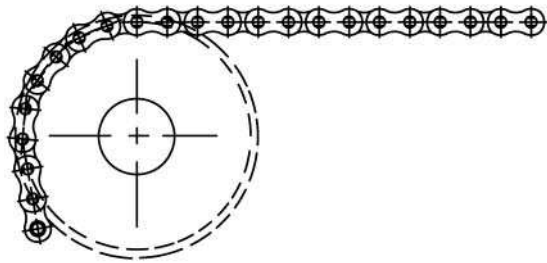
American Metric® Corporation

GROUP: 010

1-010 - 70910

All Metric Steel Sprockets

DIN 8187/ ISO R 606

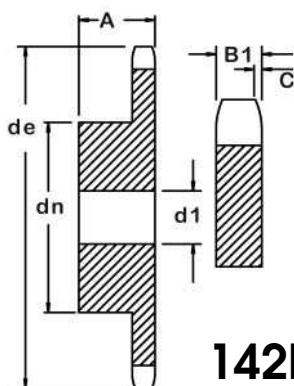


NO. 142 TYPE B

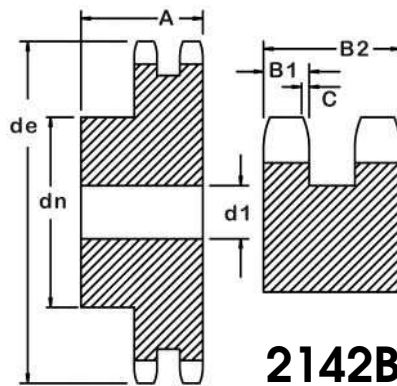
CHAIN WIDTH:	1-3/4 x 1-1/4
PITCH:	44.45 mm
ROLLER WIDTH:	30.99 mm
ROLLER DIA.:	27.94 mm
SPKT. WIDTH:	
SINGLE B1	28 mm
DOUBLE B2	87.5 mm
TRIPLE B3	147 mm

All dimensions in mm (to international metric norms)

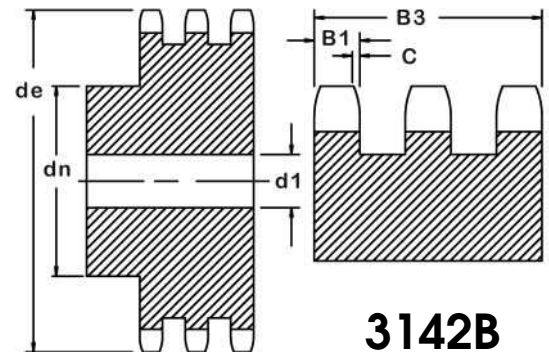
Teeth Z	Outside Dia. de	Pitch Dia. dp	Hub Diameter dn			Min. Bore d1 ±1 mm			Total Width A		
			142	2142	3142	142	2142	3142	142	2142	3142
8	135.5	116.15	74	74	74	25	25-30	30	70	120	180
9	149.0	129.96	88	88	88	25	25-30	30	70	120	180
10	163.0	143.85	100	100	100	25	25-30	30	70	120	180
11	177.0	157.77	112	112	112	25	25-30	30	70	120	180
12	191.0	171.74	125	125	125	25	25-30	30	70	120	180
13	207.0	185.74	125-130	125-130	125-130	25	25-30	30	70	120	180
14	221.0	199.76	125-135	125-135	125-135	25	25-30	30	70	120	180
15	235.0	213.79	125-145	145	145	25	25-30	30	70	120	180
16	249.0	227.84	160	160	160	30	30	30	75	120	180
17	263.0	241.91	160	160	160	30	30	30	75	120	180
18	277.0	255.98	160	160	160	30	30	30	75	120	180
19	292.0	270.06	160	180	180	30	30	30	75	120	180
20	306.0	284.15	160	180	180	30	30	30	75	120	180
21	320.0	298.24	160-170	180	180	30	30	30-40	75	120	180
22	334.0	312.34	160-170	180	180	30	30	30-40	75	120	180
23	348.0	326.44	160-170	180	180	30	30	30-40	75	120	180
24	362.0	340.55	160-170	180	180	30	30	30-40	75	120	180
25	376.0	354.66	160-170	180	180	30	30	40	75	120	180
26	390.0	368.77	160-170	180	180	30	30-40	40	75	120	180
27	404.0	382.88	160-170	180	180	30	30-40	40	75	120	180
28	419.0	397.00	160-170	180	180	30	30-40	40	75	120	180
29	433.0	411.12	160-170	180	180	30	30-40	40	75	120	180
30	447.0	425.24	160-170	180	180	30	30-40	40	75	120	180
31	461.0	439.36	180	200	200	30	30-40	40	75	120	180
32	475.0	453.49	180	200	200	30	30-40	40	75	120	180
33	489.0	467.61	180	200	200	30	30-40	40	75	120	180
34	504.0	481.74	180	200	200	30	30-40	40	75	120	180
35	517.0	495.87	180	200	200	30	30-40	40	75	120	180
36	522.0	510.00	180	200	200	30	30-40	40	75	120	180
37	546.0	524.13	180	200	200	30	30-40	40	75	120	180
38	560.0	538.26	180	200	200	30	30-40	40	75	120	180
39	574.0	552.40	180	200	200	30	30-40	40	75	120	180
40	588.0	566.54	180	200	200	30	30-40	40	75	120	180



142B



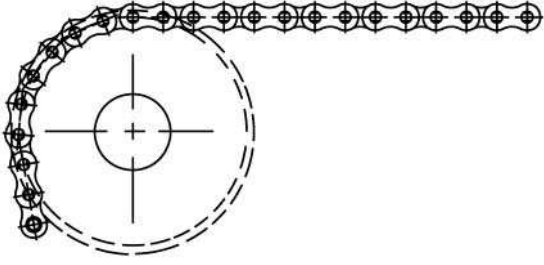
2142B



3142B

All Metric Steel Sprockets

DIN 8187/ ISO R 606

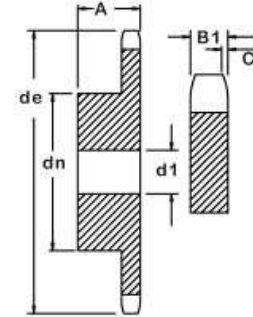


NO. 162 TYPE A

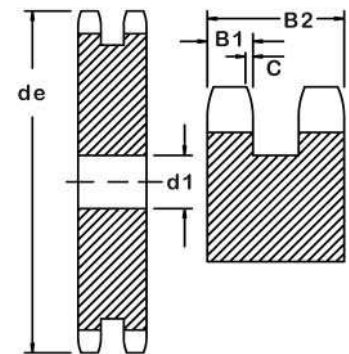
CHAIN WIDTH:	2 x 1-1/4
PITCH:	50.8 mm
ROLLER WIDTH:	30.99 mm
ROLLER DIA.:	29.21 mm
SPKT. WIDTH:	
SINGLE B1	28 mm
DOUBLE B2	86.5 mm
TRIPLE B3	145 mm

All dimensions in mm (to international metric norms)

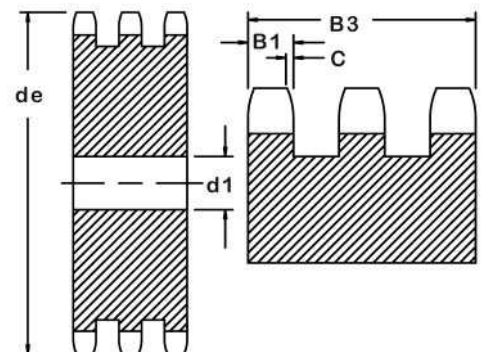
Teeth Z	Outside Dia. de	Pitch Dia. dp	Min. Bore d1 ±1 mm		
			162	2162	3162
8	152	132.74	25	25	25
9	168	148.52	25	25	25
10	184	164.39	25	25	25
11	200	180.31	30	30-35	30-35
12	216	196.28	30	30-35	30-35
13	235	212.27	30	30-35	30-35
14	251	228.30	30	30-35	30-35
15	267	244.33	30	30-35	30-35
16	283	260.39	30	30-40	30-40
17	299	276.46	30	30-40	30-40
18	315	292.55	30	30-40	30-40
19	331	308.64	30	30-40	30-40
20	347	324.74	30-40	30-40	30-40
21	363	340.84	30-40	30-40	40
22	379	356.96	30-40	30-40	40
23	396	373.08	30-40	30-40	40
24	412	389.19	30-40	30-40	40
25	428	405.32	30-40	30-40	40
26	444	421.45	30-40	30-40	40
27	460	437.58	30-40	30-40	40
28	476	453.72	30-40	30-40	40
29	492	469.90	30-40	30-40	40
30	508	485.99	30-40	30-40	40
35	589	566.71	30-40	30-40	40
38	638	615.16	30-40	30-40	40
40	670	647.47	40	40	40
45	750	728.24	40	40	40
50	831	809.04	40	40	40
57	944	922.16	40	40	40
60	993	970.65	40	40	40
76	1252	1229.28	40	40	40



162A



2162A

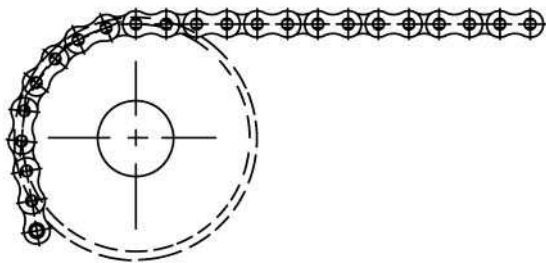


3162A

Special Sprockets Quoted Upon Request.

All Metric Steel Sprockets

DIN 8187/ ISO R 606



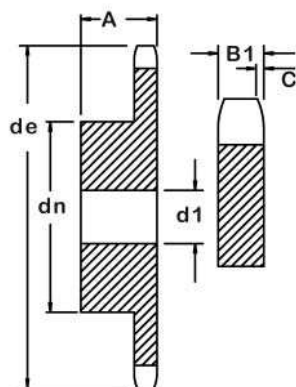
NO. 162 TYPE B

CHAIN WIDTH:	2 x 1-1/4
PITCH:	50.8 mm
ROLLER WIDTH:	30.99 mm
ROLLER DIA.:	29.21 mm
SPKT. WIDTH:	
SINGLE B1	28 mm
DOUBLE B2	86.5 mm
TRIPLE B3	145 mm

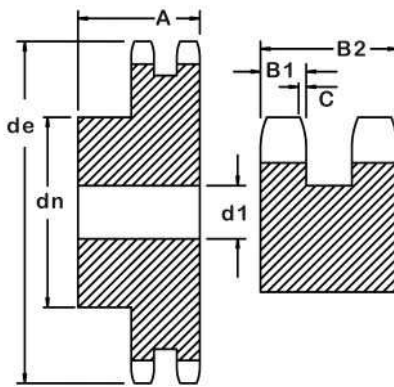
All dimensions in mm (to international metric norms)

Teeth Z	Outside Dia. de	Pitch Dia. dp	Hub Diameter dn			Min. Bore d1 ±1 mm			Total Width A		
			162	2162	3162	162	2162	3162	162	2162	3162
8	152	132.74	82-85	82-85	82-85	25-30	30	30	80	120	180
9	168	148.52	88-100	88-100	88-100	25-30	30	30	80	120	180
10	184	164.39	104-115	104-115	104-115	25-30	30	30	80	120	180
11	200	180.31	120-125	120-125	120-125	30	30-35	30-35	80	120	180
12	216	196.28	133	133	133	30	30-35	30-35	80	120	180
13	235	212.27	145	145	145	30	30-35	30-35	80	120	180
14	251	228.30	145-155	145-155	145-155	30	30-35	30-35	80	120	180
15	267	244.33	145-160	145-160	160	30	30-35	30-35	80	120	180
16	283	260.39	160	160	160	30	30-40	30-40	90	120	180
17	299	276.46	160-170	180	180-200	30	30-40	30-40	90	120	180
18	315	292.55	160-170	180	180-200	30	30-40	30-40	90	120	180
19	331	308.64	160-170	200	200	30	30-40	30-40	90	120	180
20	347	324.74	180	200	200	30-40	30-40	30-40	90	120	180
21	363	340.84	180	200	200	30-40	30-40	40	90	120	180
22	379	356.96	180	200	200	30-40	30-40	40	90	120	180
23	396	373.08	180	200	200	30-40	30-40	40	90	120	180
24	412	389.19	180	200	200	30-40	30-40	40	90	120	180
25	428	405.32	180	200	200	30-40	30-40	40	90	120	180
26	444	421.45	180	200	200	30-40	30-40	40	90	120	180
27	460	437.58	180	200	200	30-40	30-40	40	90	120	180
28	476	453.72	180	200	200	30-40	30-40	40	90	120	180
29	492	469.90	180	200	200	30-40	30-40	40	90	120	180
30	508	485.99	180	200	200	30-40	30-40	40	90	120	180
32	541	518.27	180-200								
35	589	566.71	180-200								
38	638	615.16	180-200								
40	670	647.47	180-200								

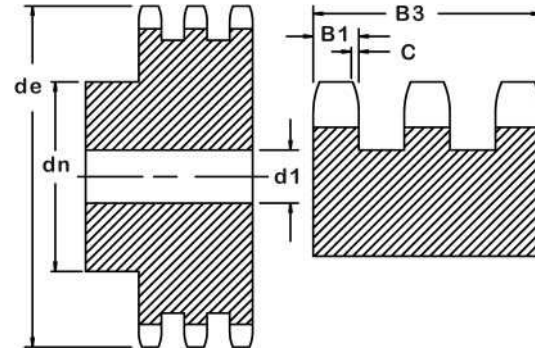
Special Sprockets Quoted Upon Request.



162B



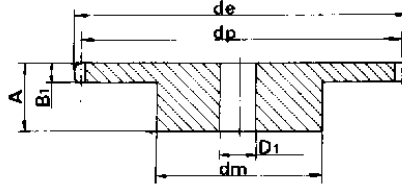
2162B



3162B

Metric Steel MPB Sprockets

Flame Hardened Teeth



Minimum Plain Bore

Material: AISI C1040

Size	Z	12	13	14	15	16	17	18	19	20	21	22	23	24	25	30
3/8" x 7/32" 32B...H	de		43.5	46.5	49.5	52.5	55.5	58.6	61.6	64.6	67.6	70.6	73.7	76.7	79.7	94.8
	dp		39.8	42.8	45.81	48.82	51.83	54.85	57.87	60.89	63.91	66.93	69.95	72.97	76	92.12
	dm		28	31	34	37	40	43	45	46	48	50	52	54	57	60
	D ₁		10	10	10	10	10	10	10	10	12	12	12	12	12	12
	A		25	25	25	28	28	28	28	28	28	28	28	28	28	28
1/2" x 5/16" 42B...H	de	53.9	57.9	61.9	65.9	69.9	74	78	82	86	90.1	94.1	98.1	102.1	106.2	126.3
	dp	49.07	53.06	57.07	61.09	65.1	69.11	73.14	77.16	81.19	85.22	89.24	93.27	97.29	101.33	121.5
	dm	33	37	41	45	50	52	56	60	64	68	70	70	70	70	80
	D ₁	10	10	10	10	12	12	12	12	12	14	14	14	14	14	16
	A	28	28	28	28	28	28	28	28	28	28	28	28	28	28	30
5/8" x 3/8" 52B...H	de	68.2	73.2	78.2	83.2	88.3	93.3	98.3	103.3	108.4	113.4	118.4	123.5	128.5	133.6	158.8
	dp	61.34	66.32	71.34	76.36	81.37	86.39	91.42	96.45	101.49	106.32	111.55	116.58	121.62	126.66	151.87
	dm	42	47	52	57	60	60	70	75	75	80	80	80	80	80	90
	D ₁	12	12	12	12	12	12	14	14	14	16	16	16	16	16	20
	A	30	30	30	30	30	30	30	30	30	30	30	30	30	30	35
3/4" x 7/16" 62B...H	de	81.8	87.8	93.8	99.8	105.8	111.9	117.9	123.9	130	136	142	148.1	154.1	160.2	190.4
	dp	73.6	79.59	85.61	91.63	97.65	103.67	109.71	115.75	121.78	127.82	133.86	139.9	145.94	152	182.25
	dm	52	58	64	70	75	80	80	80	80	90	90	90	90	90	95
	D ₁	16	16	16	16	16	16	16	16	16	20	20	20	20	20	20
	A	35	35	35	35	35	35	35	35	35	40	40	40	40	40	40
1" x 17/32" 82B...H	de	109.7	117.7	125.7	133.7	141.8	149.8	157.8	165.9	173.9	182	190.1	198.1	206.1	214.2	254.6
	dp	98.14	106.12	114.15	122.17	130.2	138.22	146.28	154.33	162.38	170.43	178.48	186.53	194.59	202.65	243
	dm	69	78	84	92	100	100	100	100	100	110	110	110	110	110	120
	D ₁	16	16	16	16	20	20	20	20	20	20	20	20	20	20	20
	A	40	40	40	40	45	45	45	45	45	50	50	50	50	50	50

Ordering Example:

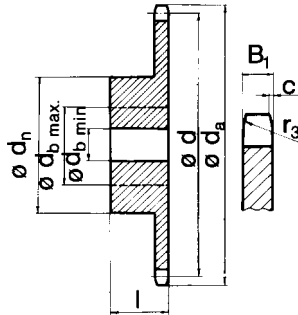
42B15H
 42---Chain size
 B---Sprocket with hub
 15---Number of teeth
 H---Flame hardened teeth



Cross section of teeth
heat-treatment

Metric Injection Molded Sprockets DIN 8187

Material: Acetal Resin (Hostaform C)



6 x 2.8 mm Plastic Sprocket

Part No.	Teeth	Outside Ø d_a	Pitch Ø d	Hub Ø d_n	Min. Bore Ø $d_b \pm 1 \text{ mm}$	Width l	Weight kg
12B13PM	13	27.5	25.07	18	8	10	0.005
12B15PM	15	31.0	28.86	21	8	10	0.007
12B17PM	17	35.0	32.65	24	8	13	0.008
12B19PM	19	39.0	36.45	24	8	13	0.009
12B21PM	21	42.5	40.26	28	10	13	0.011
12B23PM	23	46.5	44.06	28	10	13	0.012
12B25PM	25	50.0	47.87	28	10	13	0.013

12B..PM
6 X 2.8 mm
DIN 8187
ISO 04-1

Pitch 6.0 mm
Roll Width 2.8 mm
Roller Ø 4.0 mm
 r_3 6.0 mm
C 0.6 mm
 B_1 2.6 mm

8 x 3 mm Plastic Sprocket

22B13PM	13	36.5	33.42	24	8	13	0.008
22B15PM	15	41.5	38.48	24	8	13	0.010
22B17PM	17	46.5	43.53	28	10	14	0.012
22B19PM	19	52.0	48.61	28	10	14	0.014
22B21PM	21	57.0	53.68	28	10	14	0.016
22B23PM	23	62.5	58.75	28	10	14	0.017
22B25PM	25	67.0	63.83	28	10	14	0.019

22B..PM
8 X 3 mm
DIN 8187
ISO 05-1

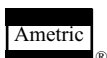
Pitch 8.0 mm
Roll Width 3.0 mm
Roller Ø 5.0 mm
 r_3 8.0 mm
C 0.8 mm
 B_1 2.8 mm

9.525 x 5.72 mm (3/8 x 7/32") Plastic Sprocket

32B13PM	13	43.0	39.79	24	8	16	0.012
32B15PM	15	49.0	45.81	24	8	16	0.015
32B17PM	17	55.5	51.83	28	10	16	0.020
32B19PM	19	61.5	57.87	28	10	16	0.023
32B21PM	21	68.0	63.91	32	12	20	0.033
32B23PM	23	74.0	69.95	32	12	20	0.038
32B25PM	25	80.0	76.00	32	12	20	0.041

32B..PM
3/8 X 7/32"
DIN 8187
ISO 06-1

Pitch 3/8"
Roll Width 7/32"
Roller Ø 1/4"
 r_3 10.0 mm
C 1.0 mm
 B_1 5.3 mm



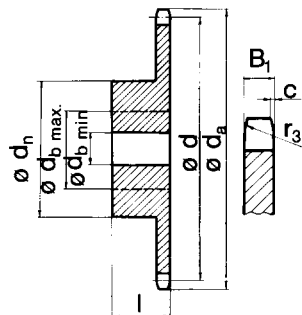
American Metric® Corporation

Group: 010

1-010 - 80420

Metric Injection Molded Sprockets DIN 8187

Material: Acetal Resin (Hostaform C)



12.7 x 7.75 mm (1/2 x 5/16") Plastic Sprocket

Part No.	Teeth	Outside Ø d_a	Pitch Ø d	Hub Ø d_h	Min. Bore Ø $d_b \pm 1 \text{ mm}$	Width l	Weight kg
42B13PM	13	58.0	53.06	28	10	20	0.026
42B15PM	15	66.0	61.09	28	10	20	0.032
42B17PM	17	74.0	69.11	32	12	25	0.049
42B19PM	19	82.0	77.16	32	12	25	0.058
42B21PM	21	90.5	85.22	36	16	25	0.071
42B23PM	23	98.5	93.27	36	16	25	0.079
42B25PM	25	107.0	101.33	36	16	25	0.086

42B..PM
1/2 X 5/16"
DIN 8187
ISO 08-1

Pitch 1/2"
Roll Width 5/16"
Roller Ø 8.51 mm
 r_3 13.0 mm
C 1.3 mm
 B_1 7.2 mm

12.7 x 3.3 mm (1/2 x 1/8") Plastic Sprocket

43B13PM	13	58.0	53.06	24	8	16	0.015
43B15PM	15	66.0	61.09	24	8	16	0.018
43B17PM	17	74.0	69.11	28	10	18	0.025
43B19PM	19	82.0	77.16	28	10	18	0.028
43B21PM	21	90.5	85.22	32	12	20	0.037
43B23PM	23	98.5	93.27	32	12	20	0.043
43B25PM	25	107.0	101.33	32	12	20	0.049

43B..PM
1/2 X 1/8"
DIN 8187
ISO 081-1

Pitch 1/2"
Roll Width 1/8"
Roller Ø 7.75 mm
 r_3 13.0 mm
C 1.3 mm
 B_1 3.0 mm

12.7 x 4.88 mm (1/2 x 3/16") Plastic Sprocket

46B13PM	13	58.0	53.06	24	8	16	0.021
46B15PM	15	66.0	61.09	24	8	16	0.026
46B17PM	17	74.0	69.11	28	10	18	0.037
46B19PM	19	82.0	77.16	28	10	18	0.043
46B21PM	21	90.5	85.22	32	12	20	0.054
46B23PM	23	98.5	93.27	32	12	20	0.061
46B25PM	25	107.0	103.33	32	12	20	0.067

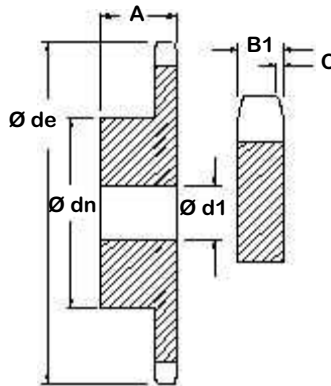
46B..PM
1/2 X 3/16"
DIN 8187
ISO 083-1

Pitch 1/2"
Roll Width 3/16"
Roller Ø 7.75 mm
 r_3 13.0 mm
C 1.3 mm
 B_1 4.5 mm

Stainless Steel Metric Sprockets

DIN 8187 - ISO/R 606

Material INOX 304 L Stainless Steel



32B..SS

Teeth Z	Outside Dia. Ø de	Pitch Dia. Ø do	Hub Dia. Ø dn	Min. Bore Ø d1 ±1	Total Width A
13	43.0	39.79	28	10	25
15	49.3	45.81	34	10	25
16	52.3	48.82	37	10	28
17	55.3	51.83	40	10	28
18	58.3	54.85	43	10	28
19	61.3	57.87	45	10	28
20	64.3	60.89	46	10	28
21	68.0	63.91	48	12	28
23	73.5	69.95	52	12	28
25	80.0	76.00	57	12	28
30	94.7	91.12	60	12	30

42B..SS

Teeth Z	Outside Dia. Ø de	Pitch Dia. Ø do	Hub Dia. Ø dn	Min. Bore Ø d1 ±1	Total Width A
12	53.0	49.07	33	10	28
13	57.9	53.60	37	10	28
14	61.9	57.07	41	10	28
15	65.9	61.09	45	10	28
16	69.9	65.10	50	12	28
17	74.0	69.11	52	12	28
18	78.0	73.14	56	12	28
19	82.0	77.16	60	12	28
20	86.0	81.19	64	12	28
21	90.1	85.22	68	14	28
23	98.1	93.27	70	14	28
25	106.2	101.33	70	14	28
30	126.3	121.50	80	16	30

52B..SS

Teeth Z	Outside Dia. Ø de	Pitch Dia. Ø do	Hub Dia. Ø dn	Min. Bore Ø d1 ±1	Total Width A
13	73.0	66.32	47	12	30
15	83.0	76.36	57	12	30
16	88.0	81.37	60	12	30
17	93.0	86.39	60	12	30
18	98.3	91.42	70	12	30
19	103.3	96.45	75	14	30
20	108.4	101.49	75	14	30
21	113.4	106.52	80	16	30
23	123.4	116.58	80	16	30
25	134.0	126.66	80	16	30
30	158.8	151.87	90	20	35

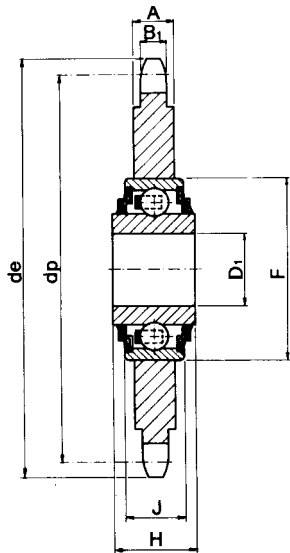
62B..SS

Teeth Z	Outside Dia. Ø de	Pitch Dia. Ø do	Hub Dia. Ø dn	Min. Bore Ø d1 ±1	Total Width A
13	87.5	79.59	58	16	35
14	93.8	85.61	64	16	35
15	99.8	91.63	70	16	35
16	105.5	97.65	75	16	35
17	111.5	103.67	80	16	35
18	118.0	109.71	80	16	35
19	124.2	115.75	80	16	35
20	129.7	121.78	80	16	35
21	136.0	127.82	90	20	40
23	149.0	139.90	90	20	40
25	160.0	152.00	90	20	40

82B..SS

Teeth Z	Outside Dia. Ø de	Pitch Dia. Ø do	Hub Dia. Ø dn	Min. Bore Ø d1 ±1	Total Width A
13	117.0	106.12	78	16	40
14	125.7	114.15	84	16	40
15	133.0	122.17	92	16	40
16	141.0	130.20	100	19	45
17	149.0	138.22	100	20	45
18	157.0	146.28	100	20	45
19	165.2	154.33	100	20	45
20	173.0	162.38	100	20	45
21	181.2	170.43	110	20	50

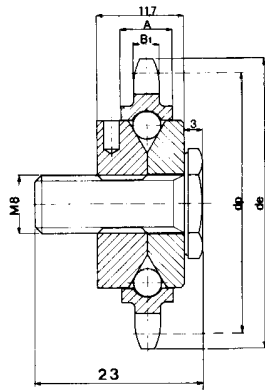
Metric Idler Sprockets



Part No.	Teeth Z	Pitch P	Chain No.	Outside Dia. de	Pitch Dia. dp	Plate Width A	Tooth Width B ₁	Bore d	F	H	J
22ID23	23	8.00	22	62.5	58.75	7.0	2.7	16 +0.130 / +0.260	40	18.3	12
32ID21	21	9.52	32	68.0	63.91	7.0	5.2	16 +0.130 / +0.260	40	18.3	12
43ID18	18	12.70	43	79.0	73.14	7.0	2.9	16 +0.130 / +0.260	40	18.3	12
46ID18	18	12.70	46	79.0	73.14	7.0	4.4	16 +0.130 / +0.260	40	18.3	12
42ID16	16	12.70	42	70.5	65.10	7.0	7.0	16 +0.130 / +0.260	40	18.3	12
42ID18	18	12.70	42	78.5	73.14	7.0	7.0	16 +0.130 / +0.260	40	18.3	12
52ID14	14	15.87	52	78.2	71.34	8.8	8.8	16 +0.130 / +0.260	40	18.3	12
52ID15	15	15.87	52	83.0	76.36	9.1	9.1	16 +0.130 / +0.260	40	18.3	12
52ID17	17	15.87	52	93.5	86.39	8.8	8.8	16 +0.130 / +0.260	40	18.3	12
62ID13	13	19.03	62	87.5	79.59	11.1	11.1	16 +0.130 / +0.260	40	18.3	12
62ID15	15	19.03	62	100.5	91.63	10.8	10.8	16 +0.130 / +0.260	40	18.3	12
82ID12	12	25.40	82	106.5	98.14	15.5	15.5	20 +0 / - 0.010	47	17.7	14
102ID13	13	31.75	102	146.5	132.65	18.0	18.0	25 +0 / - 0.010	52	21.0	15

Note: Bearings can be ordered separately.

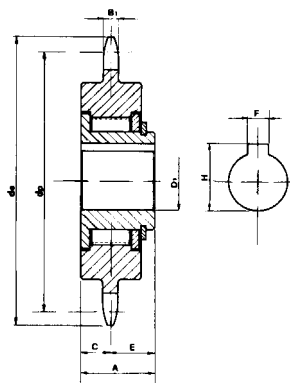
Metric Tension Sprockets



Part No.	Teeth Z	Pitch P	Roller Dia.	Chain No.	Outside Dia. de	Pitch Dia. dp	Plate Width A	Tooth Width B ₁
31 TS 12	12	9.52	6.35	31 or 32	39.8	36.80	7	3.5
43 TS 10	10	12.70	7.75	43 or 46	45.0	41.10	7	2.9
46 TS 10	10	12.70	7.75	46 or 48	45.0	41.10	7	4.5

Note: M8 Threaded Stud

Metric Freewheel Sprockets



Part No.	Teeth Z	Pitch P	Roller Dia.	Chain No.	Outside Dia. de	Pitch Dia. dp	Total Width A	Tooth Width B ₁
43 FW 13	13	12.70	7.75	43 or 46	59.4	53.1	14.8	3.0

Note: 12mm Bore with Standard Keyway.