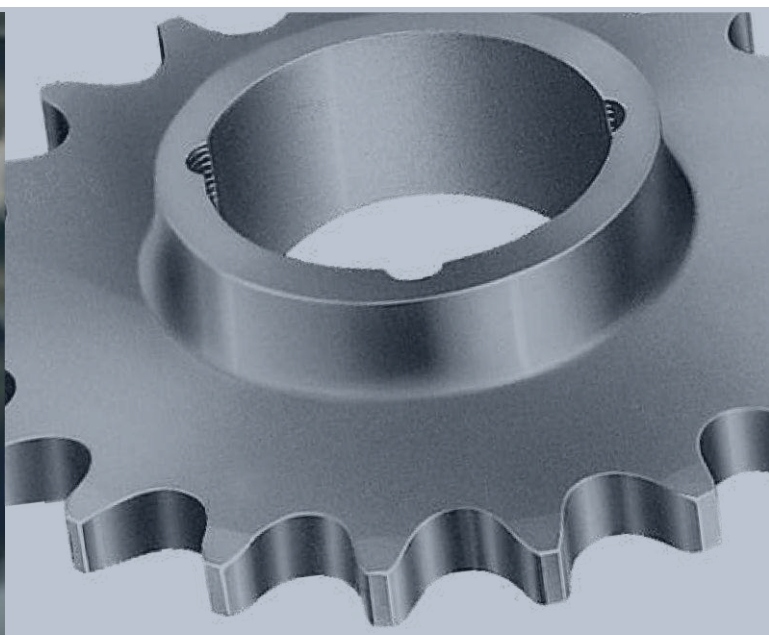
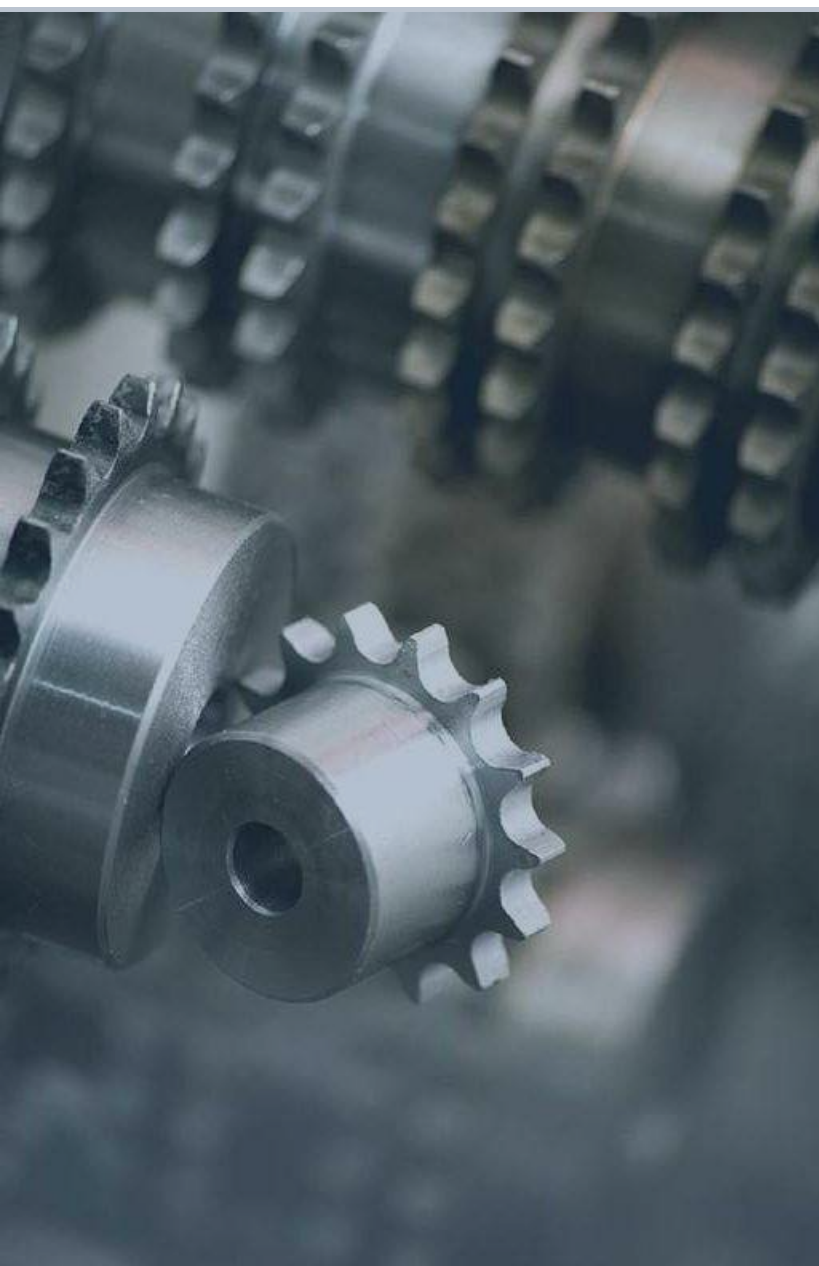


TAGEX

SPROCKETS





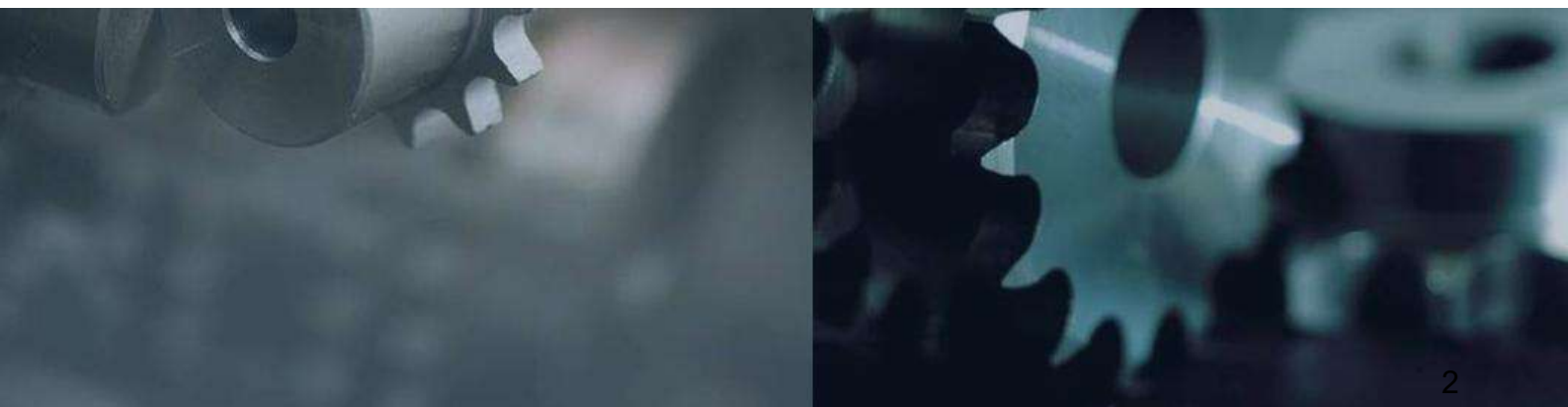
SPROCKETS

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Sprockets

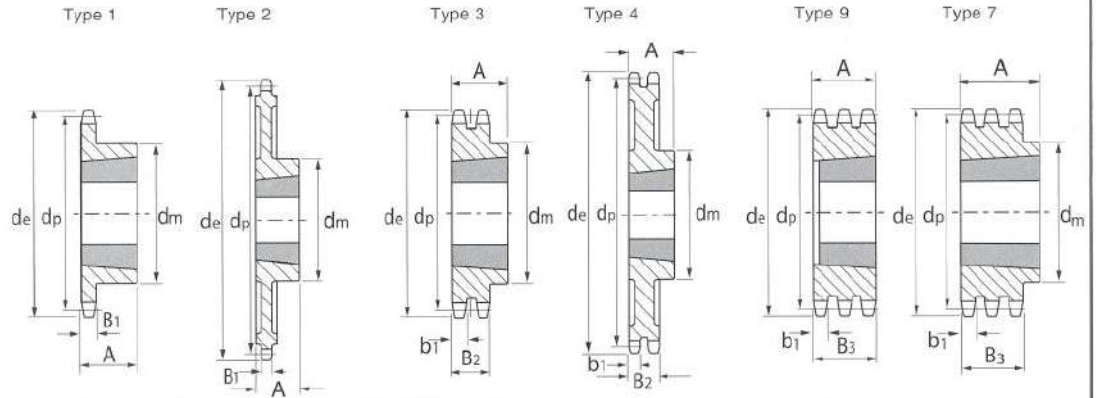
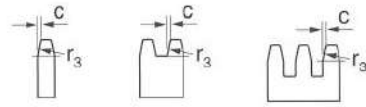
BS-Range Taper Bore
BS-Range Plate Wheels
BS-Range Pilot Bore



Taper Bore Sprockets

06B 3/8" x 7/32"

SPROCKET	mm	CHAIN	mm
Tooth Radius r_3	10.0	Pitch	9.525
Chamfer c	1.0	Width Between Inner Plates	5.720
Tooth Width b1	5.2	Roller Diameter	6.350
Tooth Width B1	5.3		
Tooth Width B2	15.4		
Tooth Width B3	25.6		



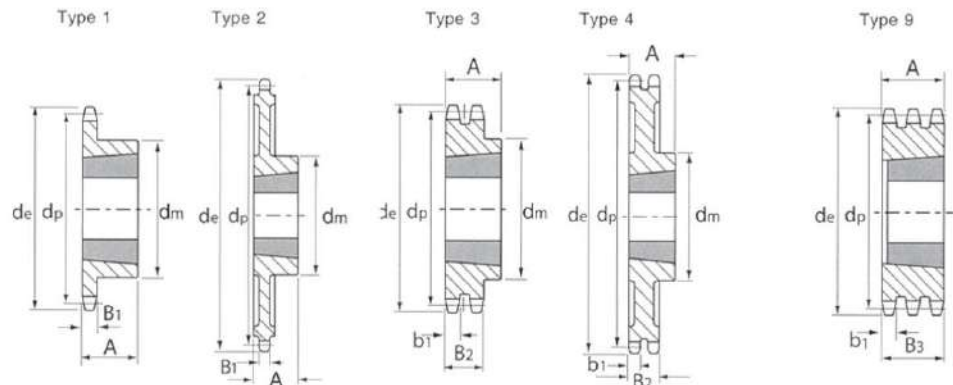
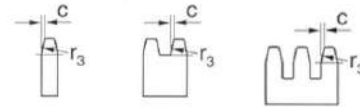
Teeth	Outer Dia d_e	Pitch Dia d_p	Simplex					Duplex					Triplex				
			Ref	Hub Dia d_m	Length thro' Bore A	Taper Bush	Type	Ref	Hub Dia d_m	Length thro' Bore A	Taper Bush	Type	Ref	Hub Dia d_m	Length thro' Bore A	Taper Bush	Type
17	55.3	51.83	31-17	45	22	1008	1	32-17	41	22	1008	3	33-17	-	25.6	1008	9
18	58.3	54.85	31-18	45	22	1008	1	32-18	43	22	1008	3					
19	61.3	57.87	31-19	45	22	1008	1	32-19	46	22	1008	3	33-19	-	25.6	1008	9
20	64.3	60.89	31-20	46	22	1008	1	32-20	48	22	1008	3					
21	68.0	63.91	31-21	46	22	1008	1	32-21	49	22	1008	3	33-21	-	25.6	1008	9
22	71.0	66.93	31-22	50	22	1108	1	32-22	52	22	1108	3					
23	73.5	69.95	31-23	63	25	1210	1	32-23	59	25	1210	3	33-23	-	25.6	1210	9
24	77.0	72.97	31-24	63	25	1210	1	32-24	61	25	1210	3					
25	80.0	76.02	31-25	63	25	1210	1	32-25	64	25	1210	3	33-25	-	25.6	1210	9
26	83.0	79.02	31-26	63	25	1210	1	32-26	65	25	1210	3					
27	86.0	82.02	31-27	63	25	1210	1	32-27	70	25	1210	3	33-27	-	25.6	1210	7
28	89.0	85.07	31-28	63	25	1210	1	32-28	70	25	1210	3					
30	94.7	91.12	31-30	63	25	1210	1	32-30	75	25	1210	3	33-30	79.0	38.0	1615	7
38	119.5	115.35	31-38	70	25	1210	1	32-38	80	25	1610	3	33-38	90.0	36.0	1615	7
45	140.7	136.55	31-45	70	25	1210	1	32-45	80	25	1610	3					
57	176.9	172.91	31-57	70	25	1210	2	32-57	80	25	1610	4					
76	234.9	230.49	31-76	70	25	1210	2	32-76	80	25	1610	4					
95	292.5	288.08	31-95	80	25	1210	2	32-95	90	25	1610	4					

Taper Bore Sprockets

BS Taper Bore Sprockets

08B 1/2" x 5/16"

SPROCKET	m m	CHAIN	m m
Tooth Radius r_3	13.0	Pitch	12.700
Chamfer c	1.3	Width Between Inner Plates	7.750
Tooth Width b1	7.0	Roller Diameter	8.510
Tooth Width B1	7.2		
Tooth Width B2	21.0		
Tooth Width B3	34.9		



Teeth	Outer Dia de	Pitch Dia dp	Simplex					Duplex					Triplex				
			Ref	Hub Dia dm	Length thro' Bore A	Taper Bush	Type	Ref	Hub Dia dm	Length thro' Bore A	Taper Bush	Type	Ref	Hub Dia dm	Length thro' Bore A	Taper Bush	Type
15	65.5	61.90	41-15	45	22	1008	1	42-15	46	22	1008	3	43-15	-	34.9	1008	9
16	69.5	65.10	41-16	50	22	1108	1	42-16	50	22	1108	3					
17	73.6	69.11	41-17	60	25	1210	1	42-17	56	25	1210	3	43-17	-	34.9	1210	9
18	77.8	73.14	41-18	60	25	1210	1	42-18	60	25	1210	3					
19	81.7	77.16	41-19	63	25	1210	1	42-19	62	25	1210	3	43-19	-	34.9	1210	9
20	85.8	81.19	41-20	71	25	1610	1	42-20	66	25	1610	3					
21	89.7	85.22	41-21	71	25	1610	1	42-21	70	25	1610	3	43-21	-	34.9	1610	9
22	93.8	89.24	41-22	71	25	1610	1	42-22	76	25	1610	3					
23	98.2	93.27	41-23	76	25	1610	1	42-23	79	25	1610	3	43-23	-	34.9	1610	9
24	101.8	97.29	41-24	76	25	1610	1	42-24	84	25	1610	3					
25	105.8	101.33	41-25	76	25	1610	1	42-25	87	32	2012	3	43-25	-	34.9	2012	9
26	110.0	105.36	41-26	76	25	1610	1	42-26	87	32	2012	3					
27	114.0	109.40	41-27	76	25	1610	1	42-27	87	32	2012	3	43-27	-	34.9	2012	9
28	118.0	113.42	41-28	90	32	2012	1	42-28	87	32	2012	3					
30	126.1	121.50	41-30	90	32	2012	1	42-30	87	32	2012	3	43-30	-	34.9	2012	9
38	158.6	153.80	41-38	90	32	2012	1	42-38	100	32	2012	3	43-38	-	34.9	2012	9
45	188.0	182.07	41-45	100	32	2012	1	42-45	100	32	2012	4					
57	236.4	230.54	41-57	100	32	2012	2	42-57	100	32	2012	4					
76	313.3	307.33	41-76	100	32	2012	2	42-76	100	32	2012	4					
95	390.1	384.11	41-95	100	32	2012	2	42-95	100	32	2012	4					

Taper Bore Sprockets

BS Taper Bore Sprockets

10B 5/8" x 3/8"

SPROCKET

mm

TOOTH RADIUS r_3

16.0

CHAMFER c

1.6

TOOTH WIDTH b_1

9.0

TOOTH WIDTH B_1

9.1

TOOTH WIDTH B_2

25.5

TOOTH WIDTH B_3

42.1

CHAIN

mm

PITCH

15.875

WIDTH BETWEEN INNER PLATES

9.650

ROLLER DIAMETER

10.160

Type 1

Type 2

Type 3

Type 6

Type 9

Type 7

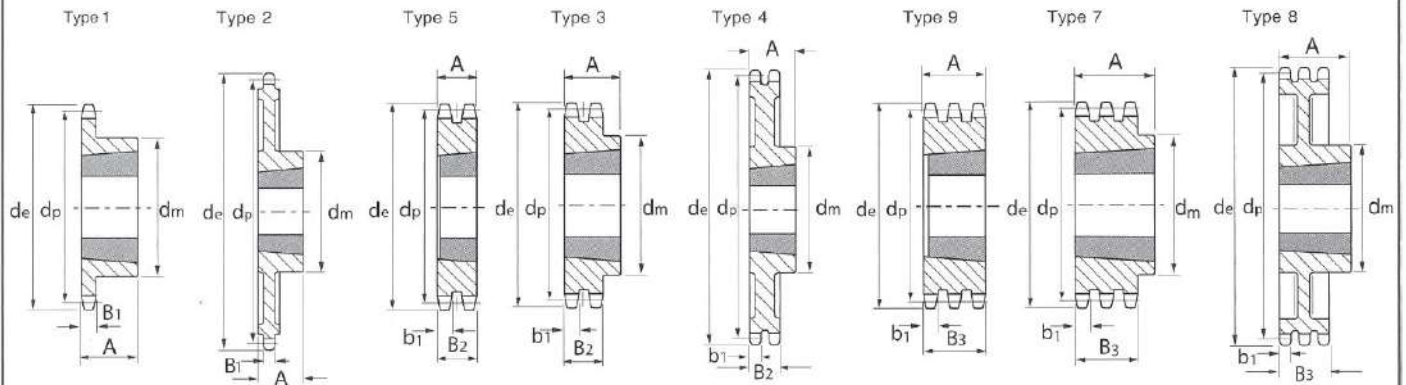
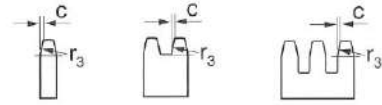
Teeth	Outer Dia d_e	Pitch Dia d_p	Simplex					Duplex					Triplex				
			Ref	Hub Dia d_m	Length thro' Bore A	Taper Bush	Type	Ref	Hub Dia d_m	Length thro' Bore A	Taper Bush	Type	Ref	Hub Dia d_m	Length thro' Bore A	Taper Bush	Type
13	73.0	66.32	51-13	47	22	1008	1										
14	78.0	71.34	51-14	52	22	1108	1										
15	83.0	76.36	51-15	60	25	1210	1	52-15	-	25.5	1210	3	53-15	-	42.1	1210	9
16	88.0	81.37	51-16	70	25	1610	1	52-16	-	25.5	1610	3					
17	93.0	86.36	51-17	71	25	1610	1	52-17	-	25.5	1610	3	53-17	-	42.1	1210	9
18	98.3	91.42	51-18	75	25	1610	1	52-18	-	25.5	1610	3					
19	103.3	96.45	51-19	75	25	1610	1	52-19	-	25.5	1610	3	53-19	-	42.1	1615	9
20	108.4	101.49	51-20	75	25	1610	1	52-20	-	25.5	1610	3					
21	113.4	106.52	51-21	76	25	1610	1	52-21	-	25.5	1610	3	53-21	-	42.1	1615	9
22	118.0	111.55	51-22	76	25	1610	1	52-22	-	25.5	1610	3					
23	123.4	116.58	51-23	76	25	1610	1	52-23	-	25.5	1610	3	53-23	-	42.1	2012	9
24	128.3	121.62	51-24	90	25	1610	1	52-24	90	32.0	2012	6					
25	134.0	126.66	51-25	90	32	2012	1	52-25	90	32.0	2012	6	53-25	105	45.0	2517	7
26	139.0	131.70	51-26	90	32	2012	1	52-26	90	32.0	2012	6					
27	144.0	136.75	51-27	90	32	2012	1	52-27	90	32.0	2012	6	53-27	110	45.0	2517	7
28	148.7	141.78	51-28	90	32	2012	1	52-28	90	32.0	2012	6					
30	158.8	151.87	51-30	90	32	2012	1	52-30	90	32.0	2012	6	53-30	120	45.0	2517	7
38	199.2	192.24	51-38	100	32	2012	1	52-38	108	45.0	2517	6					
45	235.0	227.58	51-45	100	32	2042	2										
57	296.0	288.18	51-57	100	32	2012	2										
76	392.1	384.16	51-76	100	32	2012	2										
95	488.5	480.14	51-95	110	45	2517	2										

Taper Bore Sprockets

BS Taper Bore Sprockets

12B 3/4" x 7/16"

SPROCKET	m m	CHAIN	m m
Tooth Radius r_3	19.0	Pitch	19.050
Chamfer c	2.0	Width Between Inner Plates	11.680
Tooth Width b_1	10.8	Roller Diameter	12.070
Tooth Width B_1	11.1		
Tooth Width B_2	30.3		
Tooth Width B_3	49.8		



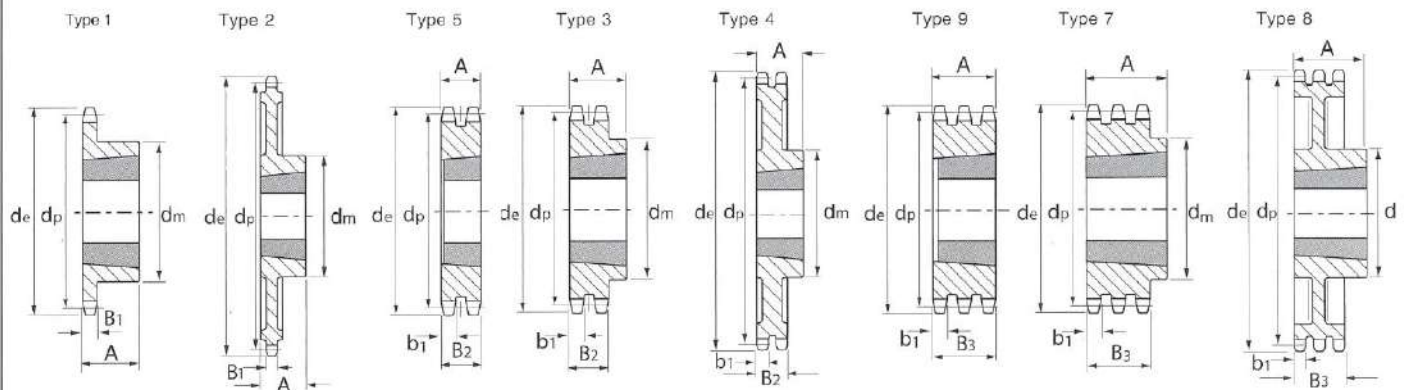
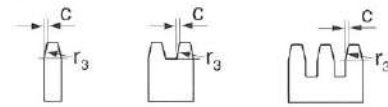
Teeth	Outer Dia de	Pitch Dia dp	Simplex					Duplex					Triplex				
			Ref	Hub Dia dm	Length thro' Bore A	Taper Bush	Type	Ref	Hub Dia dm	Length thro' Bore A	Taper Bush	Type	Ref	Hub Dia dm	Length thro' Bore A	Taper Bush	Type
13	87.5	79.59	61-13	60	25	1210	1										
14	93.6	85.61	61-14	70	25	1610	1										
15	99.8	91.63	61-15	70	25	1610	1	62-15	-	30.3	1610	5	63-15	-	49.8	1615	9
16	105.5	97.65	61-16	75	25	1610	1	62-16	-	30.3	1610	5					
17	111.5	103.67	61-17	76	25	1610	1	62-17	-	30.3	1610	5	63-17	-	49.8	1615	9
18	118.0	109.71	61-18	90	32	2012	1	62-18	90.0	32.0	2012	3					
19	124.2	115.75	61-19	90	32	2012	1	62-19	90.0	32.0	2012	3	63-19	-	49.8	2012	9
20	129.7	121.78	61-20	90	32	2012	1	62-20	108.0	45.0	2517	3					
21	136.0	127.82	61-21	102	45	2517	1	62-21	108.0	45.0	2517	3	63-21	-	49.8	2517	9
22	141.8	133.86	61-22	102	45	2517	1	62-22	108.0	45.0	2517	3					
23	149.0	139.90	61-23	108	45	2517	1	62-23	108.0	45.0	2517	3	63-23	-	49.8	2517	9
24	153.9	145.94	61-24	108	46	2517	1	62-24	108.0	45.0	2517	3					
25	160.0	152.00	61-25	108	45	2517	1	62-25	108.0	45.0	2517	3	63-25	-	49.8	2517	9
26	165.9	158.04	61-26	108	45	2517	1	62-26	108.0	45.0	2517	3					
27	172.3	164.00	61-27	108	45	2517	1	62-27	108.0	45.0	2517	3	63-27	140.0	51.0	3020	7
28	178.0	170.13	61-28	108	45	2517	1	62-28	108.0	45.0	2517	3					
30	190.5	182.25	61-30	108	45	2517	1	62-30	108.0	45.0	2517	3	63-30	140.0	51.0	3020	7
38	239.0	230.69	61-38	108	45	2517	1	62-38	140.0	51.0	3020	3	63-38	140.0	51.0	3020	7
45	282.5	273.10	61-45	108	45	2517	2	62-45	140.0	51.0	3020	4	63-45	140.0	51.0	3020	8
57	355.4	345.81	61-57	108	45	2517	2	62-57	140.0	51.0	3020	4	63-57	140.0	51.0	3020	8
76	469.9	460.99	61-76	108	45	2517	2	62-76	140.0	51.0	3020	4	63-76	140.0	51.0	3020	8
95	585.1	576.17	61-95	108	45	2517	2	62-95	140.0	51.0	3020	4	63-95	140.0	76.0	3030	8

Taper Bore Sprockets

BS Taper Bore Sprockets

16B 1" x 17.02mm

SPROCKET	m m	CHAIN	m m
Tooth Radius r_3	26.0	Pitch	25.400
Chamfer c	2.5	Width Between Inner Plates	17.020
Tooth Width b_1	15.8	Holler Diameter	15.880
Tooth Width B_1	16.2		
Tooth Width B_2	47.7		
Tooth Width B_3	79.6		



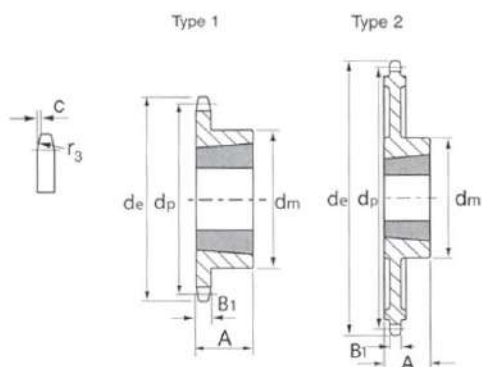
Teeth	Outer Dia d_e	Pitch Dia d_p	Simplex					Duplex					Triplex				
			Ref	Hub Dia d_m	Length thro' Bore A	Taper Bush	Type	Ref	Hub Dia d_m	Length thro' Bore A	Taper Bush	Type	Ref	Hub Dia d_m	Length thro' Bore A	Taper Bush	Type
13	117.0	106.12	81-13	73	38	1615	1										
14	125.0	114.15	81-14	76	38	1615	1										
15	133.0	122.17	81-15	76	38	1615	1	82-15	-	47.7	2012	5					
16	141.0	130.20	81-16	90	32	2012	1	82-16	-	47.7	2517	5					
17	149.0	138.22	81-17	90	32	2012	1	82-17	-	47.7	2517	5	83-17	-	79.6	2517	9
18	157.0	146.28	81-18	108	45	2517	1	82-18	-	47.7	2517	5					
19	165.2	154.33	81-19	108	45	2517	1	82-19	-	47.7	2517	5	83-19	-	79.6	3030	9
20	173.2	162.38	81-20	108	45	2517	1	82-20	-	47.7	2517	5					
21	181.2	170.43	81-21	110	45	2517	1	82-21	140.0	51.0	3020	3	83-21	-	79.6	3030	9
22	189.3	178.48	81-22	110	45	2517	1	82-22	140.0	51.0	3020	3					
23	197.5	186.53	81-23	110	45	2517	1	82-23	140.0	51.0	3020	3	83-23	159.0	89.0	3535	7
24	205.5	194.59	81-24	110	45	2517	1	82-24	140.0	51.0	3020	3					
25	213.5	202.66	81-25	110	45	2517	1	82-25	140.0	51.0	3020	3	83-25	175.0	89.0	3535	7
26	221.6	210.72	81-26	110	45	2617	1	82-26	140.0	51.0	3020	3					
27	229.6	218.79	81-27	110	45	2617	1	82-27	140.0	51.0	3020	3	83-27	175.0	89.0	3535	7
28	237.7	226.85	81-28	110	45	2517	1	82-28	140.0	51.0	3020	3					
30	254.0	243.00	81-30	140	51	3020	1	82-30	140.0	76.0	3030	3	83-30	175.0	89.0	3535	7
38	320.7	307.59	81-38	140	51	3020	2	82-38	140.0	76.0	3030	4	83-38	175.0	89.0	3535	8
45	377.1	364.13	81-45	140	51	3020	2	82-45	140.0	76.0	3030	4	83-45	215.0	102.0	4040	8
57	474.0	461.07	81-57	140	51	3020	2	82-57	175.0	89.0	3535	4	83-57	215.0	102.0	4040	8
76	627.0	614.65	81-76	140	51	3020	2	82-76	175.0	89.0	3535	4	83-76	215.0	102.0	4040	8
95	781.1	768.22	81-95	140	51	3020	2	82-95	215.0	102.0	4040	4	83-95	215.0	102.0	4040	8

Taper Bore Sprockets

BS Taper Bore Sprockets

20B 1.1/4" x 3/4"

SPROCKET	mm	CHAIN	mm
Tooth Radius r_3	32.0	Pitch	31.750
Chamfer c	3.5	Width Between Inner Plates	19.560
Tooth Width b1	18.2	Roller Diameter	19.050
Tooth Width B1	18.5		
Tooth Width B2	54.6		
Tooth Width B3	91.0		



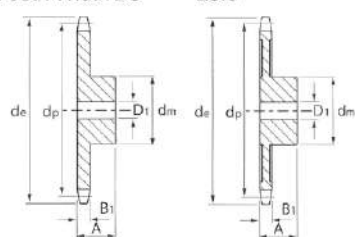
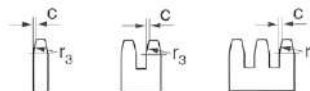
Teeth	Outer Dia d_e	Pitch Dia d_p	Simplex				Type
			Ref	Hub Dia d_m	Length thro' Bore A	Taper Bush	
13	147.8	132.65	101-13	90	32	2012	1
14	157.8	142.68	101-14	108	44	2517	1
15	167.9	152.72	101-15	108	44	2517	1
16	177.9	162.75	101-16	108	44	2517	1
17	187.9	172.78	101-17	108	44	2517	1
18	198.0	182.85	101-18	108	44	2517	1
19	208.1	192.91	101-19	110	44	2517	1
20	218.1	202.98	101-20	110	44	2517	1
21	228.2	213.04	101-21	110	44	2517	1
22	238.3	223.11	101-22	110	44	2517	1
23	248.3	233.17	101-23	110	44	2517	1
24	258.4	243.23	101-24	110	44	2517	1
25	268.5	253.33	101-25	110	44	2517	1
26	278.6	263.40	101-26	110	51	3020	1
27	288.6	273.80	101-27	150	51	3020	1
28	298.7	283.56	101-28	150	51	3020	1
30	318.9	303.75	101-30	150	51	3020	1
38	399.6	384.49	101-38	160	51	3020	2
45	470.3	455.17	101-45	160	51	3020	2
57	591.5	576.36	101-57	160	51	3020	2
76	783.5	768.32	101-76	160	51	3020	2

Pilot Bore Sprockets

BS Pilot Bore Sprockets

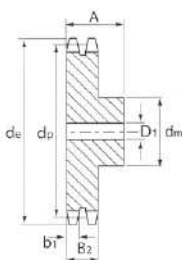
06B 3/18" x 7/32"

SPROCKET	m m	CHAIN	m m
Tooth Radius r_3	10.0	Pitch	9.525
Chamfer c	1.0	Width Between Inner Plates	5.720
Tooth Width b_1	5.2	Roller Diameter	6.350
Tooth Width B_1	5.3		
Tooth Width B_2	15.4		
Tooth Width B_3	25.6		



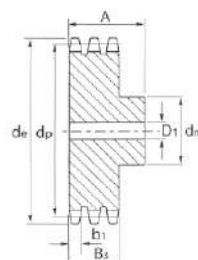
Type 1

Type 2



Type 1

Type 2



Type 1

Type 2

Teeth	Outer Dia d_e	Pitch Dia d_p	Simplex			Duplex			Triplex			Type
			Hub Dia d_m	Length thro' Bore A	Stock Bore D1	Hub Dia d_m	Length thro' Bore A	Stock Bore D1	Hub Dia d_m	Length thro' Bore A	Stock Bore D1	
8	28.0	24.89	15	22	8	15	22	8	15	32	8	1
9	31.0	27.85	18	22	8	18	22	8	18	32	8	1
10	34.0	30.82	20	22	8	20	22	8	20	32	10	1
11	37.0	33.80	22	25	8	22	25	10	22	35	12	1
12	40.0	36.80	25	25	8	25	25	10	25	35	12	1
13	43.0	39.80	28	25	10	28	25	10	28	35	12	1
14	46.3	42.80	31	25	10	31	25	10	31	35	12	1
15	49.3	45.81	34	25	10	34	25	10	34	35	12	1
16	52.3	48.82	37	28	10	37	30	12	37	35	12	1
17	55.3	51.93	40	28	10	40	30	12	40	35	12	1
18	58.3	54.85	43	28	10	43	30	12	43	35	12	1
19	61.3	57.87	45	28	10	46	30	12	46	35	12	1
20	64.3	60.89	46	28	10	49	30	12	49	35	12	1
21	68.0	63.91	48	28	12	52	30	16	52	40	16	1
22	71.0	66.93	50	28	12	55	30	16	55	40	16	1
23	73.5	69.95	52	28	12	58	30	16	58	40	16	1
24	77.0	72.97	54	28	12	61	30	16	61	40	16	1
25	80.0	76.00	57	28	12	64	30	16	64	40	18	1
26	83.0	79.02	60	28	12	67	30	16	67	40	16	1
27	86.0	82.04	80	28	12	70	30	16	70	40	16	1
28	89.0	85.07	60	28	12	73	30	16	73	40	16	1
29	92.0	88.09	60	28	12	76	30	16	76	40	16	1
30	94.7	91.12	60	28	12	79	30	16	79	40	16	1
31	98.3	94.15	65	30	14	80	30	16	80	40	16	1
32	101.3	97.17	65	30	14	80	30	16	80	40	16	1
33	104.3	100.20	65	30	14	80	30	16	80	40	16	1
34	107.3	103.23	65	30	14	90	30	16	85	40	16	1
35	110.4	106.26	65	30	14	80	30	16	85	40	16	1
36	113.4	109.29	70	30	14	90	30	16	90	40	16	1
37	116.4	112.32	70	30	14	90	30	16	90	40	16	1
38	119.5	115.34	70	30	14	90	30	16	90	40	16	1
39	122.5	118.37	70	30	14	90	30	16	90	40	16	1
40	125.5	121.40	70	30	14	90	30	16	90	40	16	1
38	119.5	115.34	70	32	20	80	40	20	90	56	24	2
45	140.7	136.54	70	32	20	80	40	20	90	56	24	2
57	176.9	172.91	70	32	20	80	40	20	90	56	24	2
76	234.9	230.49	70	32	20	80	40	20	100	56	24	2
95	292.5	288.08	80	40	20	90	45	20	100	56	24	2
114	349.6	345.68	80	40	20	95	45	20	100	56	24	2

Pilot Bore Sprockets

BS Pilot Bore Sprockets

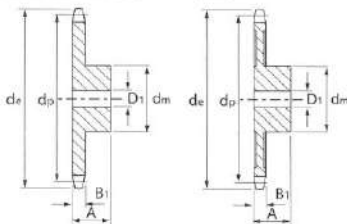
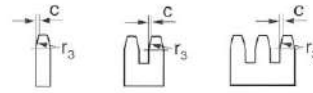
08B 1/2" x 5/16"

SPROCKET

Tooth Radius r_3	13.0
Chamfer c	1.3
Tooth Width bl	7.0
Tooth Width B1	7.2
Tooth Width B2	21.0
Tooth Width B3	34.9

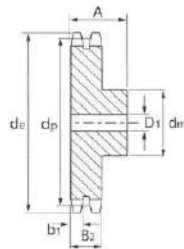
CHAIN

Pitch	12.700
Width Between Inner Plates	7.750
Roller Diameter	8.510

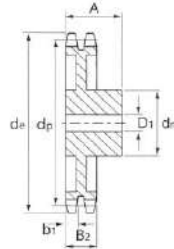


Type 1

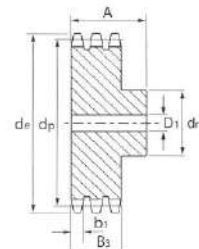
Type 2



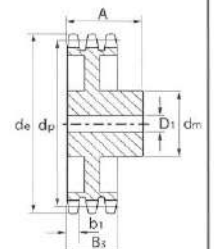
Type 1



Type 2



Type 1



Type 2

Teeth	Outer Dia d_e	Pitch Dia d_p	Hub Dia d_m	Simplex		Hub Dia d_m	Duplex		Hub Dia d_m	Triplex		Type
				Length thro' Bore A	Stock Bore D1		Length thro' Bore A	Stock Bore D1		Length thro' Bore A	Stock Bore D1	
8	37.2	33.18	20	25	10	20	32	10	20	46	10	1
9	41.0	37.13	24	25	10	24	32	10	24	46	12	1
10	45.2	41.10	26	25	10	28	32	10	28	46	12	1
11	48.7	45.07	29	25	10	32	35	12	32	50	16	1
12	53.0	49.07	33	28	10	35	35	12	35	50	16	1
13	57.4	53.06	37	28	10	38	35	12	38	50	16	1
14	61.8	57.07	41	28	10	42	35	12	42	50	16	1
15	65.5	61.09	45	28	10	46	35	12	46	50	16	1
16	69.5	65.10	50	28	12	50	38	14	50	50	16	1
17	73.6	69.11	52	28	12	54	38	14	54	50	16	1
18	77.8	73.14	56	28	12	58	38	14	58	50	16	1
19	81.7	77.16	60	28	12	62	38	14	62	50	16	1
20	85.8	81.19	64	28	12	66	38	14	66	50	16	1
21	89.7	85.22	68	28	14	70	40	16	70	55	20	1
22	93.8	89.24	70	28	14	70	40	16	70	55	20	1
23	98.2	93.27	70	28	14	70	40	16	70	55	20	1
24	101.8	97.29	70	28	14	75	40	16	75	55	20	1
25	105.8	101.33	70	28	14	80	40	16	80	55	20	1
26	110.0	105.36	70	30	18	85	40	20	85	55	20	1
27	114.0	109.40	70	30	16	85	40	20	85	55	20	1
28	118.0	113.42	70	30	16	90	40	20	90	55	20	1
29	122.0	117.46	80	30	16	95	40	20	95	55	20	1
30	126.1	121.50	80	30	16	100	40	20	100	55	20	1
31	130.2	125.54	90	30	16	100	40	20	110	55	20	1
32	134.3	129.56	90	30	16	100	40	20	110	55	20	1
33	138.4	133.60	90	30	16	100	40	20	110	55	20	1
34	142.6	137.64	90	30	16	100	40	20	110	55	20	1
35	146.7	141.68	90	30	16	100	40	20	110	55	20	1
36	151.0	145.72	90	35	20	100	40	20	120	55	25	1
37	154.6	149.76	90	35	20	100	40	20	120	55	25	1
38	158.6	153.80	90	35	20	100	40	20	120	55	25	1
39	162.7	157.83	90	35	20	100	40	20	120	55	25	1
40	166.8	161.87	90	35	20	100	40	20	120	55	25	1
38	158.6	153.80	70	40	24	90	50	24	100	60	24	2
45	188.0	182.07	70	40	24	90	50	24	100	60	24	2
57	236.4	230.54	70	40	24	90	50	24	100	60	24	2
76	313.3	307.33	80	40	24	100	56	24	100	60	24	2
95	390.1	384.11	80	45	24	100	56	24	120	67	24	2
114	466.9	460.90	80	45	25	100	63	25	120	67	25	2

Pilot Bore Sprockets

BS Pilot Bore Sprockets

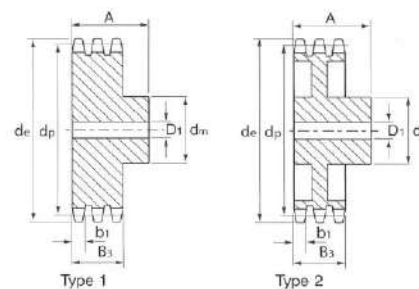
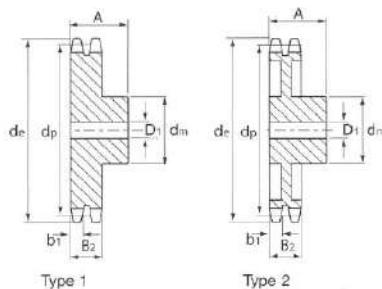
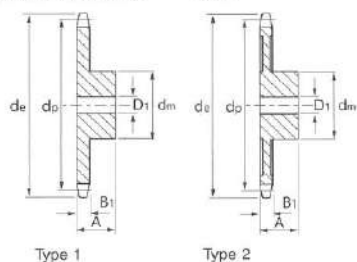
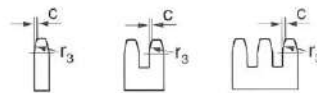
10B 5/8" x 3/8"

SPROCKET

Tooth Radius r_3	16.0
Chamfer c	1.6
Tooth Width b_1	9.0
Tooth Width B1	9.1
Tooth Width B2	25.5
Tooth Width B3	42.1

CHAIN

Pitch	15.875
Width Between Inner Plates	9.650
Roller Diameter	10.160



Teeth	Outer Dia d_e	Pitch Dia d_p	Hub Dia d_m	Simplex Length thro' Bore A	Stock Bore D1	Hub Dia d_m	Duplex Length thro' Bore A	Stock Bore D1	Hub Dia d_m	Triplex Length thro' Bore A	Stock Bore D1	Type
8	47.0	41.48	25	25	10	25	40	12	25	55	12	1
9	52.6	46.42	30	25	10	30	40	12	30	55	12	1
10	57.5	51.37	35	25	10	35	40	12	35	55	16	1
11	63.0	56.34	37	30	12	39	40	14	39	55	16	1
12	68.0	61.34	42	30	12	44	40	14	44	55	16	1
13	73.0	66.32	47	30	12	49	40	14	49	55	16	1
14	78.0	71.34	52	30	12	54	40	14	54	55	16	1
15	83.0	76.36	57	30	12	59	40	14	59	55	16	1
16	88.0	81.37	60	30	14	64	45	16	64	60	16	1
17	93.0	86.39	60	30	14	69	45	16	69	60	16	1
18	98.3	91.42	70	30	14	74	45	16	74	60	16	1
19	103.3	96.45	70	30	14	79	45	16	79	60	16	1
20	108.4	101.49	75	30	14	84	45	16	84	60	16	1
21	113.4	106.52	75	30	16	85	45	16	85	60	20	1
22	118.0	111.55	80	30	16	90	45	16	90	60	20	1
23	123.4	116.58	80	30	16	95	45	16	95	60	20	1
24	128.3	121.62	80	30	16	100	45	16	100	60	20	1
25	134.0	126.66	80	30	16	105	45	16	105	60	20	1
26	139.0	131.70	85	35	20	110	45	20	110	60	20	1
27	144.0	136.75	85	35	20	110	45	20	110	60	20	1
28	148.7	141.78	90	35	20	115	45	20	115	60	20	1
29	153.8	146.83	90	35	20	115	45	20	115	60	20	1
30	158.8	151.87	90	35	20	120	46	20	120	60	20	1
31	163.9	156.92	95	35	20	120	45	20	120	60	20	1
32	168.9	161.95	95	35	20	120	45	20	120	60	20	1
33	174.5	167.00	95	35	20	120	45	20	120	60	20	1
34	179.0	172.05	95	35	20	120	45	20	120	60	20	1
35	184.1	177.10	95	35	20	120	45	20	120	60	20	1
36	189.1	182.15	100	35	20	120	45	20	120	60	25	1
37	194.2	187.20	100	35	20	120	45	20	120	60	25	1
38	199.2	192.24	100	35	20	120	45	20	120	60	25	1
39	204.2	197.29	100	35	20	120	45	20	120	60	25	1
40	209.3	202.34	100	35	20	120	45	20	120	60	25	1
38	199.2	192.24	80	40	24	100	50	30	100	60	32	2
45	235.0	227.58	80	40	24	100	50	30	100	60	32	2
57	296.0	288.18	90	45	24	100	56	30	100	63	32	2
76	392.1	384.16	90	50	24	100	63	30	110	67	35	2
95	488.5	480.14	100	56	24	110	63	30	125	70	35	2
114	584.1	576.13	100	56	25	125	70	30	125	80	35	2

Pilot Bore Sprockets

BS Pilot Bore Sprockets

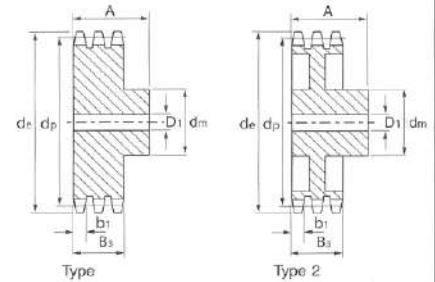
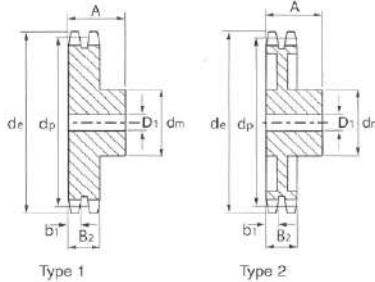
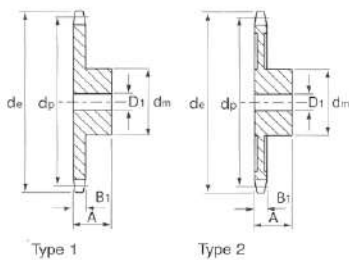
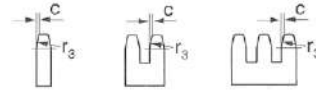
12B 3/4" x 7/16"

SPROCKET

Tooth Radius r_3	19.0
Chamfer c	2.0
Tooth Width b_1	10.8
Tooth Width B_1	11.1
Tooth Width B_2	30.3
Tooth Width B_3	49.8

CHAIN

Pitch	19.050
Width Between Inner Plates	11.680
Roller Diameter	12.070



Teeth	Outer Dia d_e	Pitch Dia d_p	Hub Dia d_m	Simplex Length thro Bore A	Stock Bore D1	Hub Dia d_m	Duplex Length thro Bore A	Stock Bore D1	Hub Dia d_m	Triplex Length thro Bore A	Stock Bore D1	Type
8	57.6	49.78	31	30	12	31	45	12	31	65	16	1
9	62.0	55.70	37	30	12	37	45	12	37	65	16	1
10	69.0	61.64	42	30	12	42	45	12	42	65	16	1
11	75.0	67.61	46	35	14	47	50	16	47	70	20	1
12	81.5	73.60	52	35	14	53	50	16	53	70	20	1
13	87.5	79.59	58	35	14	59	50	16	59	70	20	1
14	93.6	85.61	64	35	14	65	50	16	65	70	20	1
15	99.8	91.63	70	35	14	71	50	16	71	70	20	1
16	105.5	97.65	75	35	16	77	50	20	77	70	20	1
17	111.5	103.67	80	35	16	83	50	20	83	70	20	1
18	118.0	109.71	80	35	16	89	50	20	89	70	20	1
19	124.2	115.75	80	35	16	95	50	20	95	70	20	1
20	129.7	121.78	80	35	16	100	50	20	100	70	20	1
21	136.0	127.82	90	40	20	100	50	20	100	70	20	1
22	141.8	133.86	90	40	20	100	50	20	100	70	20	1
23	149.0	139.90	90	40	20	110	50	20	110	70	20	1
24	153.9	145.94	90	40	20	110	50	20	110	70	20	1
25	160.0	152.00	90	40	20	120	50	20	120	70	20	1
26	165.9	158.04	95	40	20	120	50	20	120	70	20	1
27	172.3	164.09	95	40	20	120	50	20	120	70	20	1
28	178.0	170.13	95	40	20	120	50	20	120	70	20	1
29	184.1	176.19	95	40	20	120	50	20	120	70	20	1
30	190.5	182.25	95	40	20	120	50	20	120	70	20	1
31	196.3	188.31	100	40	20	120	50	20	130	70	25	1
32	203.3	194.35	100	40	20	120	50	20	130	70	25	1
33	209.3	200.40	100	40	20	120	50	20	130	70	25	1
34	214.6	206.46	100	40	20	120	50	20	130	70	25	1
35	221.0	212.52	100	40	20	120	50	20	130	70	25	1
36	226.8	218.58	100	40	25	120	50	25	130	70	25	1
37	232.9	224.64	100	40	25	120	50	25	130	70	25	1
38	239.0	230.69	100	40	25	120	50	25	130	70	25	1
39	245.1	236.75	100	40	25	120	50	25	130	70	25	1
40	251.3	242.81	100	40	25	120	50	25	130	70	25	1
38	239.0	230.69	100	56	24	110	63	30	140	70	30	2
45	282.5	273.10	100	56	24	110	63	30	140	70	30	2
57	355.4	345.81	100	56	30	120	63	30	140	70	40	2
76	469.9	460.99	100	56	30	135	63	30	160	75	40	2
95	585.1	576.17	100	65	30	135	70	30	170	82	40	2
114	700.6	691.36	100	65	30	135	70	30	170	82	40	2

Pilot Bore Sprockets

BS Pilot Bore Sprockets

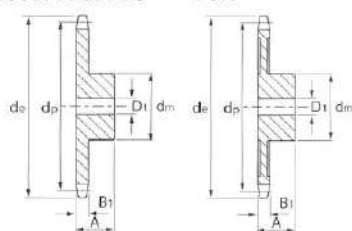
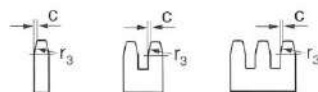
16B 1" x 17.02 mm

SPROCKET

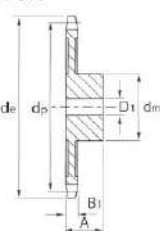
Tooth Radius r_3	26.0
Chamfer c	2.5
Tooth Width b_1	15.8
Tooth Width B_1	16.2
Tooth Width B_2	47.7
Tooth Width B_3	79.6

CHAIN

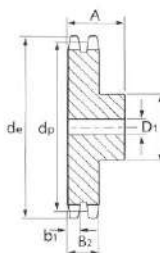
Pitch	25.400
Width Between Inner Plates	17.020
Roller Diameter	15.880



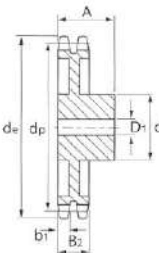
Type 1



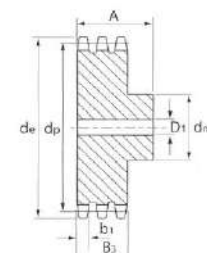
Type 2



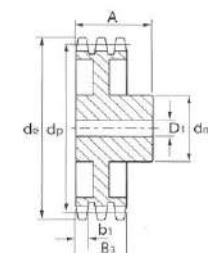
Type 1



Type 2



Type 1



Type 2

Teeth	Outer Dia d_e	Pitch Dia d_p	Hub Dia d_m	Simplex		Hub Dia d_m	Duplex		Hub Dia d_m	Triplex		Type
				Length thro' Bore A	Stock Bore D1		Length thro' Bore A	Stock Bore D1		Length thro' Bore A	Stock Bore D1	
8	77.0	66.37	42	35	16	42	65	16	42	95	20	1
9	85.0	74.27	50	35	16	50	65	16	50	95	20	1
10	93.0	82.19	55	35	16	56	65	16	56	95	20	1
11	99.5	90.14	61	40	16	64	70	20	64	100	25	1
12	109.0	98.14	69	40	16	72	70	20	72	100	25	1
13	117.0	106.12	78	40	16	80	70	20	80	100	25	1
14	125.0	114.15	84	40	16	88	70	20	88	100	25	1
15	133.0	122.17	92	40	16	96	70	20	96	100	25	1
16	141.0	130.20	100	45	20	104	70	25	104	100	30	1
17	149.0	138.22	100	45	20	112	70	25	112	100	30	1
18	157.0	146.28	100	45	20	120	70	25	120	100	30	1
19	165.2	154.33	100	45	20	128	70	25	128	100	30	1
20	173.2	162.38	100	45	20	130	70	25	130	100	30	1
21	181.2	170.43	110	50	20	130	70	25	130	100	30	1
22	189.3	178.48	110	50	20	130	70	25	130	100	30	1
23	197.5	186.53	110	50	20	130	70	25	130	100	30	1
24	205.5	194.59	110	50	20	130	70	25	130	100	30	1
25	213.5	202.66	110	50	20	130	70	25	130	100	30	1
26	221.6	210.72	120	50	20	130	70	25	130	100	30	1
27	229.6	218.79	120	50	20	130	70	25	130	100	30	1
28	237.7	226.85	120	50	20	130	70	25	130	100	30	1
29	245.8	234.92	120	50	20	130	70	25	130	100	30	1
30	254.0	243.00	120	50	20	130	70	25	130	100	30	1
31	262.0	251.08	120	50	25	140	70	25	140	100	30	1
32	270.0	259.13	120	50	25	140	70	25	140	100	30	1
33	278.5	267.21	120	50	25	140	70	25	140	100	30	1
34	287.0	275.28	120	50	25	140	70	25	140	100	30	1
35	296.2	283.36	120	50	25	140	70	25	140	100	30	1
36	304.6	291.44	120	50	25	140	70	25	140	100	30	1
37	312.6	299.51	120	50	25	140	70	25	140	100	30	1
38	320.7	307.59	120	50	25	140	70	25	140	100	30	1
39	328.8	315.67	120	50	25	140	70	25	140	100	30	1
40	336.9	323.75	120	50	25	140	70	25	140	100	30	1
30	254.0	243.00	110	65	30	125	75	40	145	90	40	2
38	320.0	307.59	110	65	30	140	75	40	160	100	45	2
45	377.0	364.12	125	70	30	150	75	40	160	100	45	2
57	474.0	461.07	125	70	35	170	90	40	165	100	45	2
76	627.0	614.65	140	80	35	175	95	40	200	110	45	2
95	781.0	768.22	140	80	40	175	95	45	200	110	50	2

Pilot Bore Sprockets

BS Pilot Bore Sprockets

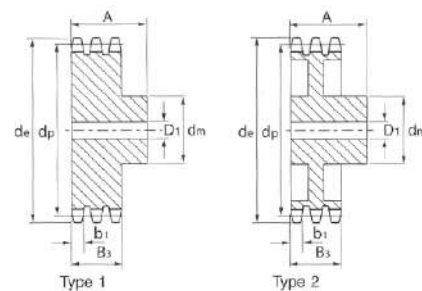
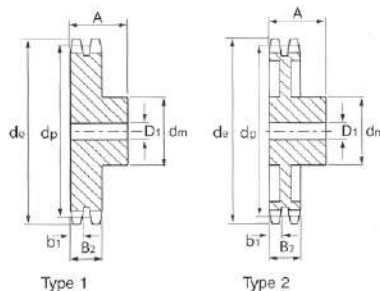
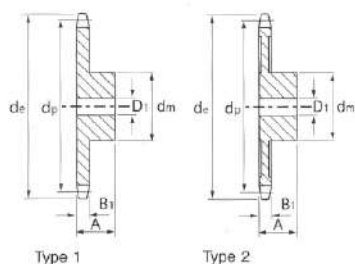
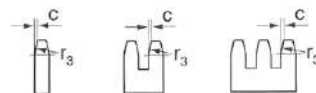
20B 1.1/4" x 3/4"

SPROCKET

Tooth Radius r_3	32.0
Chamfer c	3.5
Tooth Width b_1	18.2
Tooth Width B_1	18.5
Tooth Width B_2	54.6
Tooth Width B_3	91.0

CHAIN

Pitch	31.750
Width Between Inner Plates	19.560
Roller Diameter	19.050



Teeth	Outer Dia d_e	Pitch Dia d_p	Simplex			Duplex			Triplex			Type
			Hub Dia d_m	Length thro' Bore A	Stock Bore D1	Hub Dia d_m	Length thro' Bore A	Stock Bore D1	Hub Dia d_m	Length thro' Bore A	Stock Bore D1	
8	98.1	82.96	53	40	20	53	75	20	53	110	25	1
9	108.0	92.84	63	40	20	63	75	20	63	110	25	1
10	117.9	102.74	70	40	20	70	75	20	70	110	25	1
11	127.8	112.68	77	45	20	80	80	25	80	115	30	1
12	137.8	122.68	88	45	20	90	80	25	90	115	30	1
13	147.8	132.65	98	45	20	100	80	25	100	115	30	1
14	157.8	142.68	108	45	20	110	80	25	110	115	30	1
15	167.9	152.72	118	45	20	120	80	25	120	115	30	1
16	177.9	162.75	120	50	25	120	80	30	120	115	30	1
17	187.9	172.78	120	50	25	120	80	30	120	115	30	1
18	198.0	182.85	120	50	25	120	80	30	120	115	30	1
19	208.1	192.91	120	50	25	120	80	30	120	115	30	1
20	218.1	202.98	120	50	25	120	80	30	120	115	30	1
21	228.2	213.04	140	55	30	140	80	30	140	115	30	1
22	238.3	223.11	140	55	30	140	80	30	140	115	30	1
23	248.3	233.17	140	55	30	140	80	30	140	115	30	1
24	258.4	243.23	140	55	30	140	80	30	140	115	30	1
25	268.5	253.33	140	55	30	140	80	30	140	115	30	1
26	278.6	263.40	150	55	30	150	80	30	150	115	30	1
27	288.6	273.80	150	55	30	150	80	30	150	115	30	1
28	298.7	283.56	150	55	30	150	80	30	150	115	30	1
29	308.8	293.65	150	55	30	150	80	30	150	115	30	1
30	318.9	303.75	150	55	30	150	80	30	150	115	30	1
31	329.0	313.85	150	55	30	150	80	30	150	115	30	1
32	339.1	323.91	150	55	30	150	80	30	150	115	30	1
33	349.2	334.01	150	55	30	150	80	30	150	115	30	1
34	359.3	334.10	150	55	30	150	80	30	150	115	30	1
35	369.4	354.20	150	55	30	150	80	30	150	115	30	1
36	379.5	364.30	150	55	30	150	80	30	150	115	30	1
37	389.5	374.39	150	55	30	150	80	30	150	115	30	1
38	399.6	384.49	150	55	30	150	80	30	150	115	30	1
39	409.7	394.59	150	55	30	150	80	30	150	115	30	1
40	419.8	404.66	150	55	30	150	80	30	150	115	30	1
30	318.9	303.75	115	70	35	130	80	40	160	100	50	2
38	399.6	384.49	125	70	35	140	90	45	180	110	56	2
45	470.3	455.17	125	70	35	140	90	45	180	110	56	2
57	591.5	576.36	135	80	40	160	100	50	180	125	63	2
76	783.5	768.32	140	90	50	180	100	56	200	140	63	2

Pilot Bore Sprockets

BS Pilot Bore Sprockets

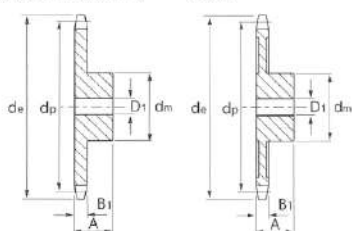
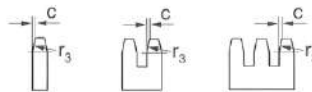
24B 1.1/2" x 1"

SPROCKET

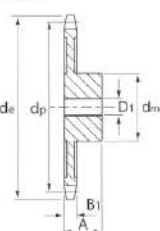
Tooth Radius r_3	mm
Chamfer c	4.0
Tooth Width b_1	23.6
Tooth Width B_1	24.1
Tooth Width B_2	72.0
Tooth Width B_3	120.3

CHAIN

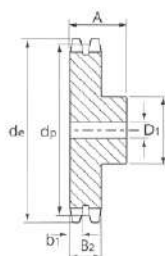
Pitch	mm
Width Between Inner Plates	25.400
Roller Diameter	25.400



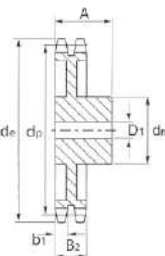
Type 1



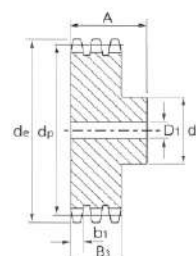
Type 2



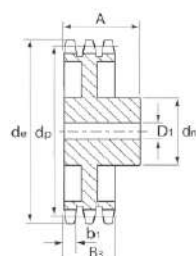
Type 1



Type 2



Type 1



Type 2

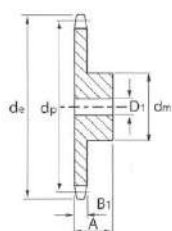
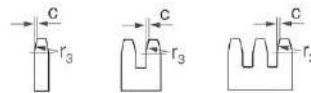
Teeth	Outer Dia d_e	Pitch Dia d_p	Hub Dia d_m	Simplex Length thro' Bore A	Stock Bore D1	Hub Dia d_m	Duplex Length thro' Bore A	Stock Bore D1	Hub Dia d_m	Triplex Length thro' Bore A	Stock Bore D1	Type
8	115.0	99.55	58	45	20	58	95	25	58	140	25	1
9	126.4	111.40	70	45	20	70	95	25	70	140	25	1
10	138.0	123.29	80	45	20	80	95	25	80	140	25	1
11	150.0	135.21	90	50	25	90	100	25	90	150	30	1
12	162.0	147.22	102	50	25	102	100	25	102	150	30	1
13	174.2	159.18	114	50	25	114	100	25	114	150	30	1
14	186.2	171.22	128	50	25	128	100	25	128	150	30	1
15	198.2	183.26	140	50	25	140	100	25	132	150	30	1
16	210.3	195.30	140	55	25	140	100	30	136	150	30	1
17	222.3	207.34	140	55	25	150	100	30	140	150	30	1
18	234.3	219.42	140	55	25	150	100	30	150	150	30	1
19	246.5	231.49	140	55	25	160	100	30	160	150	30	1
20	258.6	243.57	140	55	25	160	100	30	160	150	30	1
21	270.6	255.65	150	60	30	160	100	30	160	150	40	1
22	282.7	267.73	150	60	30	160	100	30	160	150	40	1
23	294.8	279.80	150	60	30	160	100	30	160	150	40	1
24	306.8	291.88	150	60	30	160	100	30	160	150	40	1
25	319.0	304.00	150	60	30	160	100	30	160	150	40	1
26	331.0	316.08	160	60	30	160	100	30	160	150	40	1
27	343.2	328.19	160	60	30	160	100	30	160	150	40	1
28	355.2	340.27	160	60	30	160	100	30	160	150	40	1
29	367.3	352.38	160	60	30	160	100	30	160	150	40	1
30	379.5	364.50	160	60	30	160	100	30	160	150	40	1
31	391.6	376.62	160	60	30	160	100	40	160	150	40	1
32	403.7	388.69	160	60	30	160	100	40	160	150	40	1
33	415.8	400.81	160	60	30	160	100	40	160	150	40	1
34	427.8	412.93	160	60	30	160	100	40	160	150	40	1
35	440.0	425.04	160	60	30	160	100	40	160	150	40	1
36	452.0	437.16	160	60	30	160	100	40	160	150	40	1
37	464.2	449.27	160	60	30	160	100	40	160	150	40	1
38	476.2	461.39	160	60	30	160	100	40	160	150	40	1
39	488.5	473.50	160	60	30	160	100	40	160	150	40	1
40	500.6	485.62	160	60	30	160	100	40	160	150	40	1
30	379.5	364.50	130	85	40	160	95	40	180	150	60	2
38	476.2	461.39	140	90	45	180	100	45	200	150	60	2
45	561.2	546.20	140	90	45	180	100	45	200	150	60	2
57	706.5	691.63	160	100	45	200	110	55	200	150	70	2
76	936.9	921.98	170	100	45	220	120	55	-	-	-	2
95	1167.3	1152.33	200	125	50	220	140	55	-	-	-	2

Pilot Bore Sprockets

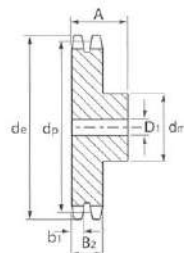
BS Pilot Bore Sprockets

28B 1.3/4" x 1.1/4

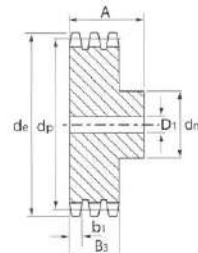
SPROCKET	m m	CHAIN	m m
Tooth Radius r_3	44.0	Pitch	44.450
Chamfer c	5.0	Width Between Inner Plates	30.990
Tooth Width b_1	28.8	Roller Diameter	27.940
Tooth Width B_1	29.4		
Tooth Width B_2	88.4		
Tooth Width B_3	148.0		



Type 1



Type 1



Type 1

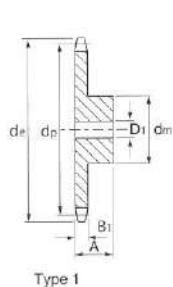
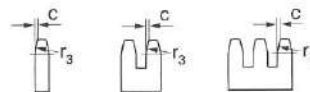
Teeth	Outer Dia d_e	Pitch Dia d_p	Simplex			Duplex			Triplex			Type
			Hub Dia d_m	Length thro' Bore A	Stock Bore D1	Hub Dia d_m	Length thro' Bore A	Stock Bore D1	Hub Dia d_m	Length thro' Bore A	Stock Bore D1	
8	132.0	116.15	74	70	25	74	120	30	74	180	30	1
9	148.4	129.96	88	70	25	88	120	30	88	180	30	1
10	162.3	143.85	100	70	25	100	120	30	100	180	30	1
11	176.3	157.77	112	70	25	112	120	30	112	180	30	1
12	189.3	171.74	125	70	25	125	120	30	125	180	30	1
13	204.2	185.75	125	70	25	125	120	30	125	180	30	1
14	218.2	199.76	130	70	25	130	120	30	160	180	30	1
15	232.3	213.79	145	70	25	145	120	30	145	180	30	1
16	246.3	227.84	160	75	30	160	120	30	160	180	30	1
17	260.0	241.90	160	75	30	160	120	30	160	180	30	1
18	274.0	255.98	160	75	30	160	120	30	160	180	30	1
19	289.0	270.06	160	75	30	180	120	30	180	180	30	1
20	303.0	284.15	160	75	30	180	120	30	180	180	30	1
21	317.0	298.24	170	75	30	180	120	30	180	180	40	1
22	331.0	312.34	170	75	30	180	120	30	180	180	40	1
23	345.0	326.44	170	75	30	180	120	30	180	180	40	1
24	359.0	340.55	170	75	30	180	120	30	180	180	40	1
25	373.0	354.66	170	75	30	180	120	30	180	180	40	1
26	387.0	368.77	170	75	30	180	120	40	180	180	40	1
27	401.0	382.88	170	75	30	180	120	40	180	180	40	1
28	416.0	397.00	170	75	30	180	120	40	180	180	40	1
29	430.0	411.12	170	75	30	180	120	40	180	180	40	1
30	444.0	425.24	170	75	30	180	120	40	180	180	40	1
31	458.0	439.37	180	75	30	200	120	40	200	180	40	1
32	472.0	453.49	180	75	30	200	120	40	200	180	40	1
33	486.0	467.62	180	75	30	200	120	40	200	180	40	1
34	500.0	481.75	180	75	30	200	120	40	200	180	40	1
35	514.0	495.88	180	75	30	200	120	40	200	180	40	1
36	529.0	510.01	180	75	30	200	120	40	200	180	40	1
37	543.0	524.13	180	75	30	200	120	40	200	180	40	1
38	557.0	538.27	180	75	30	200	120	40	200	180	40	1
39	571.0	552.40	180	75	30	200	120	40	200	180	40	1
40	585.0	566.54	180	75	30	200	120	40	200	180	40	1

Pilot Bore Sprockets

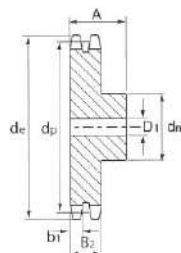
BS Pilot Bore Sprockets

32B 2" x 1.1/4"

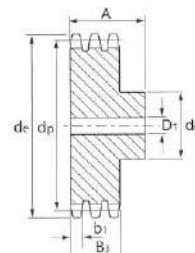
SPROCKET	m m	CHAIN	m m
Tooth Radius r_s	51.0	Pitch	50.800
Chamfer c	6.0	Width Between Inner Plates	30.990
Tooth Width b1	28.8	Roller Diameter	29.210
Tooth Width B1	29.4		
Tooth Width B2	87.4		
Tooth Width B3	146.0		



Type 1



Type 1

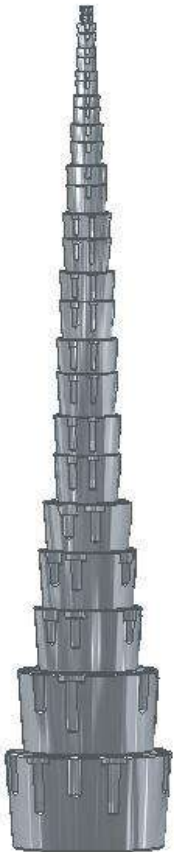


Type 1

Teeth	Outer Dia de	Pitch Dia dp	Simplex			Duplex			Triplex			Type
			Hub Dia dm	Length thro' Bore A	Stock Bore D1	Hub Dia dm	Length thro' Bore A	Stock Bore D1	Hub Dia dm	Length thro' Bore A	Stock Bore D1	
8	153.2	132.74	85	80	30	85	120	30	85	180	30	1
9	169.0	148.54	100	80	30	100	120	30	100	180	30	1
10	185.0	164.39	115	80	30	115	120	30	115	180	30	1
11	200.8	180.31	125	80	30	125	120	35	125	180	35	1
12	216.8	196.29	133	80	30	133	120	35	133	180	35	1
13	232.8	212.29	145	80	30	145	120	35	145	180	35	1
14	248.8	228.29	155	80	30	155	120	35	155	180	35	1
15	264.8	244.30	160	80	30	160	120	35	160	180	35	1
16	280.9	260.40	160	90	30	160	120	40	160	180	40	1
17	296.9	276.46	170	90	30	180	120	40	180	180	40	1
18	313.0	292.55	170	90	30	180	120	40	180	180	40	1
19	329.1	308.66	170	90	30	200	120	40	200	180	40	1
20	345.2	324.71	180	90	30	200	120	40	200	180	40	1
21	361.3	340.82	180	90	40	200	120	40	200	180	40	1
22	377.5	356.98	180	90	40	200	120	40	200	180	40	1
23	393.6	373.08	180	90	40	200	120	40	200	180	40	1
24	409.7	389.18	180	90	40	200	120	40	200	180	40	1
25	425.8	405.33	180	90	40	200	120	40	200	180	40	1
26	441.9	421.44	180	90	40	200	120	40	200	180	40	1
27	458.1	437.59	180	90	40	200	120	40	200	180	40	1
28	474.2	453.69	180	90	40	200	120	40	200	180	40	1
29	492.0	469.85	180	90	40	-	-	-	-	-	-	1
30	506.5	486.00	180	90	40	200	120	40	200	180	40	1
32	538.8	518.27	180	90	40	-	-	-	-	-	-	1
35	589.5	566.71	180	90	40	-	-	-	-	-	-	1
38	635.5	615.16	180	90	40	-	-	-	-	-	-	1
40	670.3	647.47	180	90	40	-	-	-	-	-	-	1

Taper Bush

Taper bushes are for axle clamping without the stress concentration associated with a key. Taper bush also permits quick and easy application to shafts of different diameters without reboring.



Taper Bush Size	Metric Bore (mm)		Imperial Bore (inch)		Max Torque Capacity (NM)	Wrench Torque (NM)	Bolts		Remove Space (MM)
	Min.	Max.	Min.	Max.			Qty	Size	
1008	9	25	3/8	1	136	6	2	1/4 X 1/2	32
1108	10	28	3/8	1 1/8	147	6	2	1/4 X 1/2	32
1210	11	32	1/2	1 1/4	407	20	2	3/8 X 5/8	42
1215	11	32	1/2	1 1/4	400	20	2	3/8 X 5/8	42
1310	14	35	1/2	1 3/8	435	20	2	3/8 X 5/8	42
1610	14	42	1/2	1 5/8	485	20	2	3/8 X 5/8	42
1615	14	42	1/2	1 5/8	485	20	2	3/8 X 5/8	42
2012	14	50	1/2	2	800	32	2	7/16 X 7/8	52
2017	14	50	1/2	2	800	32	2	7/16 X 7/8	52
2517	16	65	1/2	2 1/2	1310	50	2	1/2 X 1	58
2525	16	65	1/2	2 1/2	1280	50	2	1/2 X 1	58
3020	25	80	1 1/8	3	2710	90	2	5/8 X 1 1/4	70
3030	25	80	1 1/8	3	2710	90	2	5/8 X 1 1/4	70
3525	35	100	1 1/8	3 1/2	5100	115	3	1/2 X 1 1/2	86
3535	35	100	1 1/8	3 1/2	5100	115	3	1/2 X 1 1/2	86
4030	40	100	1 1/2	4	8730	195	3	5/8 X 13/4	106
4040	40	110	1 1/2	4	8730	195	3	5/8 X 13/4	106
4535	50	110	1 7/8	4 3/4	12430	280	3	3/4 X 2	122
4545	50	110	1 7/8	4 3/4	12430	280	3	3/4 X 2	122
5040	60	125	2 3/8	5	14240	350	3	7/8 X 2 1/4	135
5050	60	125	2 3/8	5	14240	350	3	7/8 X 2 1/4	135
6050	100	150	3 7/8	6	31870	880	3	1 1/4 X 3 1/2	112
7060	115	180	4 5/8	7	47015	880	4	1 1/4 X 3 1/2	112
8065	130	200	5 1/8	8	51535	880	4	1 1/4 X 3 1/2	112
10085	170	250	6 5/8	10	98211	1550	4	1 1/2 X 4 1/4	138
120100	190	300	7 5/8	12	171784	1550	6	1 1/2 X 4 1/4	138

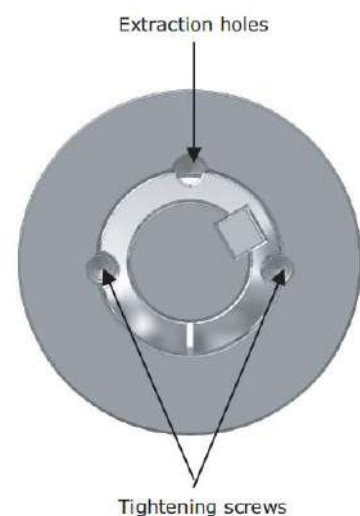
To Install

1	Remove the protective coating from the bore and outside of bush, and bore of hub. Use an oil free cleaning liquid (ie; paint thinners). After ensuring that the mating tapered surfaces are completely clean and free from oil and dirt. Insert bush in hub so that threaded holes in hub line up with non-threaded holes in bush.
2	Place screws loosely in holes threaded in hub.
3	If a key is to be fitted, place it in the shaft keyway before fitting the bush. It is essential that it is a parallel key, side fitting only and has TOP CLEARANCE.
4	Clean shaft, fit hub and bush to shaft as one unit and locate in position desired, remembering that the bush will nip the shaft first and then the hub will be slightly drawn on to the bush.
5	Using an ALLEN KEY tighten screws gradually and alternatively until required
6	TAP against large end of bush, using a block or sleeve to prevent damage. (This will ensure that the bush is seated squarely in the bore). Screws can now be tightened further. Repeat this alternative tapping and screw tightening once or twice to achieve maximum grip on the shaft.
7	After drive has been running under load for a short time stop the drive and check
8	Fill empty holes and sockets of screws with grease to exclude dirt.

To Remove

1	Release all screws by several turns. Insert screws in extraction holes.
2	Tighten screws alternatively until bush is loose in hub and the assembly is free
3	Remove assembly from shaft.

Service Factor	Type of Loading
1.0	Light Start, Steady Running
1.5	Light Start, Slight Shock Loads
2.0	Heavy Start, Slight Shock Loads
2.5	Heavy Start, Heavy Shock Loads
3.0	Heavy Start, Severe Heavy Shock Loads or Reversing Loads



Taper Bush Standard Stocking Range (1008 - 3030)

1008						1108						1210 & 1215					
Metric Bore			Inch Bore			Metric Bore			Inch Bore			Metric Bore			Inch Bore		
d	b	t1	d	b	t1	d	b	t1	d	b	t1	d	b	t1	d	b	t1
9	3	1.4	3/8			10	3	1.4	3/8			11	4	1.8	1/2	1/8	1/16
10			7/16	1/8	1/16	11	4	1.8	7/16	1/8	1/16	12			9/16		
11	4	1.8	1/2			12			1/2			14	5	2.3	5/8		
12			9/16			14	5	2.3	9/16			16			11/16	3/16	3/32
14			5/8			16			5/8			18			3/4		
16	5	2.3	11/16	3/16	3/32	18			11/16	3/16	3/32	19	6	2.8	13/16		
18			3/4			19			3/4			20			7/8		
19			13/16			20	6	2.8	13/16			22			15/16	1/4	1/8
20			7/8			22			7/8			24			1		
22			15/16	1/4	1/16	24			15/16	1/4	1/8	25	8	3.3	1 1/16		
24	8	1.3	1			25	8	3.3	1			28			1 1/8		
25						28	8	1.3	1 1/16	5/16	1/13	30			1 3/16	5/16	1/8
									1 1/8			32	10	1.3	1 1/4		

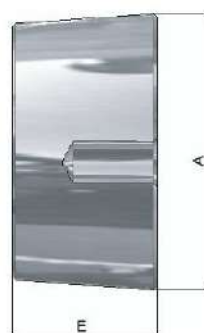
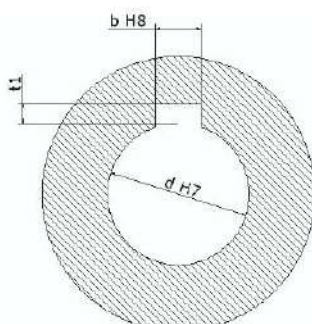
1310 & 1315						1610 & 1615						2012 & 2017					
Metric Bore			Inch Bore			Metric Bore			Inch Bore			Metric Bore			Inch Bore		
d	b	t1	d	b	t1	d	b	t1	d	b	t1	d	b	t1	d	b	t1
14	5	2.3	1/2	1/8	1/16	14	5	2.3	1/2	1/8	1/16	14	5	2.3	1/2	1/8	1/16
16			9/16			16			9/16			16			9/16		
18			5/8			18			5/8			18			5/8		
19			11/16	3/16	3/32	19			11/16	3/16	3/32	19	6	2.8	11/16	3/16	3/32
20	6	2.8	3/4			20	6	2.8	3/4			20			3/4		
22			13/16			22			13/16			22			13/16		
24			7/8			24			7/8			24			7/8		
25			15/16	1/4	1/8	25			15/16	1/4	1/8	25	8	3.3	15/16	1/4	1/8
28	8	3.3	1			28	8	3.3	1			28			1		
30			1 1/16			30			1 1/16			30			1 1/16		
32			1 1/8			32			1 1/8			32			1 1/8		
35	10	3.3	1 3/16	5/16	1/8	35	10	3.3	1 3/16	5/16	1/8	35	10	3.3	1 3/16	5/16	1/8
			1 1/4			38			1 1/4			38			1 1/4		
			1 5/16	3/8	1/8	40			1 5/16			40	12	3.3	1 5/16		
			1 3/8			42	12	1.3	1 3/8			42			1 3/8	3/8	1/8
									1 7/16	3/8	1/8	45			1 7/16		
									1 1/2			48	14	3.8	1 1/2		
									1 5/8	7/16	1/8	50	14	2.8	1 5/8	7/16	5/32
															1 3/4		
															1 7/8	1/2	5/32
															2		

2517 & 2525						3020 & 3030					
Metric Bore			Inch Bore			Metric Bore			Inch Bore		
d	b	t1	d	b	t1	d	b	t1	d	b	t1
16	5	2.3	3/4	3/16	3/32	25			1 1/8		1/8
18			13/16			28	8	3.3	1 3/16	5/16	
19			7/8			30			1 1/4		
20	6	2.8	15/16	1/4	1/8	32			1 5/16		1/8
22			1			35	10	3.3	1 3/8	3/8	
24			1 1/16			38			1 7/16		
25			1 1/8			40	12	3.3	1 1/2		
28			1 3/16	5/16	1/8	42			1 5/8	7/16	5/32
30			1 1/4			45			1 3/4		
32			1 5/16			48	14	3.8	1 7/8	1/2	5/32
35	10	3.3	1 3/8	3/8	1/8	50			2		
38			1 7/16			55	16	4.3	2 1/8		
40			1 1/2			60			2 1/4		
42	12	3.3	1 5/8	7/16	5/32	65	18	4.4	2 3/8	5/8	5/23
45			1 3/4			70			2 1/2		
48	14	3.8	1 7/8	1/2	5/32	75	20	4.9	2 5/8		
50			2			80	22	5.4	2 3/4	3/4	1/4
55	16	4.3	2 1/8	5/8	5/23				3		
60			2 1/4								
65	18	4.4	2 3/8	5/8	3/16						
			2 1/2								



1008-3030

Size	A	E
1008	34.89	22
1108	38.07	22
1210	47.59	25
1215	47.59	38
1310	50.77	25
1315	50.77	38
1610	57.12	25
1615	57.12	38
2012	69.82	32
2017	69.82	45
2517	85.67	45
2525	85.67	63
3020	107.9	51
3030	107.9	76



Standard bushes are made in shallow keyway as shown above, in some cases the standard keyway can be made with changing material specification.

Standard Material Specification: BS1452-GG20 Cast Iron. To replace shallow keyway to standard depth keyway, Taper bush is made from Ductile cast iron or mild steel.

3525 & 3535						4030 & 4040						4535 & 4545					
Metric Bore			Inch Bore			Metric Bore			Inch Bore			Metric Bore			Inch Bore		
d	b	t1	d	b	t1	d	b	t1	d	b	t1	d	b	t1	d	b	t1
35	10	3.3	1 1/8			40	12	3.3	1 1/2	3/8	1/8	50	14	3.8	2	1/2	5/32
38			1 3/16	5/16	1/8	42			1 5/8			55	16	4.3	2 1/8		
40	12	3.3	1 1/4			45	14	3.8	1 3/4	7/16	5/32	60	18	4.4	2 1/4	5/8	5/23
42			1 5/16			48			1 7/8			65			2 3/8		
45			1 3/8			50			2	1/2	5/32	70	20	4.9	2 1/2		
48	14	3.8	1 7/16	3/8	1/8	55	16	4.3	2 1/8			75			2 5/8		
50			1 1/2			60	18	4.4	2 1/4	5/8	5/23	80	22	5.4	2 3/4	3/4	1/4
55	16	4.3	1 5/8	7/16	5/32	65			2 3/8			85			3		
60	18	4.4	1 3/4			70	20	4.9	2 1/2			90	25	5.4	3 1/8		
65			1 7/8			75			2 5/8			95			3 1/4	7/8	5/16
70			2	1/2	5/32	80	22	5.4	2 3/4	3/4	1/4	100			3 3/8		
75	20	4.9	2 1/8			85			3			105	28	6.4	3 1/2		
80	22	5.4	2 1/4	5/8	5/23	90	25	5.4	3 1/8			110			3 3/4		
85	22	3.4	2 3/8			95			3 1/4	7/8	5/16				3 7/8	1	3/8
90	25	4.4	2 1/2			100			3 3/8						4		
95			2 5/8			105	28	6.4	3 1/2						4 1/4		
100	28	4.4	2 3/4	3/4	1/4	110			3 3/4						4 1/2	1 1/4	1/4
			3						3 7/8	1	1/4				4 5/8		
			3 1/8	7/8	5/16				4						4 3/4		
			3 1/4														
			3 3/8														
			3 1/2	7/8	1/4												

5040 & 5050						6050						7060					
Metric Bore			Inch Bore			Metric Bore			Inch Bore			Metric Bore			Inch Bore		
d	b	t1	d	b	t1	d	b	t1	d	b	t1	d	b	t1	d	b	t1
60	18	4.4	2 3/8	5/8	5/23	100	28	6.4	3 7/8	1	3/8	115	32	7.4	4 5/8		
65			2 1/2			105			4			120			4 3/4		
70	20	4.9	2 5/8			110			4 1/4			125			5		
75			2 3/4	3/4	1/4	115	32	7.4	4 1/2			130			5 1/8	1 1/4	7/16
80	22	5.4	3			120			4 5/8			140			5 1/4		
85			3 1/8			125			4 3/4			150	40	9.4	5 3/8		
90	25	5.4	3 1/4	7/8	5/16	130			5	1 1/4	7/16	160			5 1/2		
95			3 3/8			140	40	9.4	5 1/8			170			5 1/4		
100			3 1/2			150			5 1/4			180	45	10.4	5 3/4		
105	28	6.4	3 3/4						5 3/8						6		
110			3 7/8	1	3/8				5 1/2						6 1/8	1 1/2	3/4
115			4						5 3/4	1 1/2	3/4				6 1/4		
120	32	7.4	4 1/4						6						6 3/8		
125			4 1/2	1 1/4	7/16										6 1/2		
			4 5/8												6 5/8		
			4 3/4												6 3/4	1 3/4	3/4
			5	1 1/4	5/16										7		

8065						10085						120100					
Metric Bore			Inch Bore			Metric Bore			Inch Bore			Metric Bore			Inch Bore		
d	b	t1	d	b	t1	d	b	t1	d	b	t1	d	b	t1	d	b	t1
130	32	7.4	5 1/8			170	40	9.4	3 7/8	1	3/8	190	45	10.4	7 5/8	1 3/4	3/4
140			5 1/4	1 1/4	7/16	180			6 5/8	1 1/2	3/4	200			7 3/4		
150	40	9.4	5 3/8			190	45	10.4	6 3/4			210			8		
160			5 1/2			200			7			220	50	11.4	8 1/4	2	3/4
170			5 3/4			210			7 1/8			230			8 1/2		
180			6			220	50	11.4	7 1/4	1 3/4	3/4	240			8 3/4		
190	45	10.4	6 1/8	1 1/2	3/4	230			7 3/8			250	56	12.4	9		
200			6 1/4			240			7 1/2			260			9 1/4		
			6 3/8			250	56	12.4	7 5/8			270			9 1/2		
			6 1/2			260			7 3/4			280	63	12.4	9 3/4		
			6 5/8			270			8			290			10	2 1/2	7/8
			6 3/4			280	63	12.4	8 1/4	2	3/4	300	70	12.4	10 1/4		
			7			290			8 1/2						10 1/2		
			7 1/8	1 3/4	3/4	300	70	12.4	8 3/4						10 3/4		
			7 1/4						9						11		
			7 3/8						9 1/4						11 1/4		
			7 1/2						9 1/2	2 1/2	7/8				11 1/2	3	1
			7 5/8						9 3/4						11 3/4		
			7 3/4						10						12		
			8	2	3/4												

Size	A	E	Size	A	E
3525	126.98	65	6050	234.95	127
3535	126.98	89	7060	260.35	153
4030	146.00	76	8065	285.75	165
4040	146.00	102	10085	374.65	216
4535	161.87	89	120100	438.15	254
4545	161.87	114			
5040	177.75	102			
5050	177.75	127			



3525-5050



6050



7060



8065



10085



120100