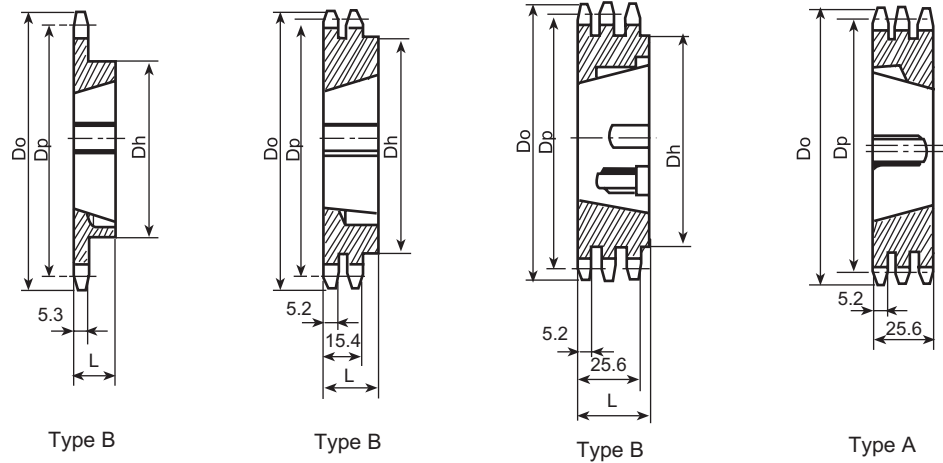


No 06
3/8"•7/32"
(9.525•5.72mm)

TAPER BORED SPROCKETS



Taper Bored Sprockets

Unit:mm

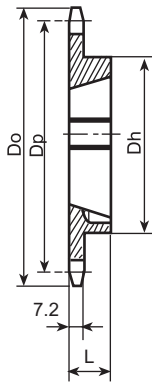
No. of Teeth	Pitch Dia. Dp	Outside Dia. Do	Single					Double					Triple				
			Catalogue No.	Dimension		Bush No.	Type	Catalogue No.	Dimension		Bush No.	Type	Catalogue No.	Dimension		Bush No.	Type
				L	D _h				L	D _h				L	D _h		
17	51.83	55.3	06BTB17	22	45	1008	B	D06BTB17	22	41	1008	B	T06ATB17	25.6		1008	A
18	54.85	58.3	06BTB18	22	45	1008	B	D06BTB18	22	43	1008	B	T06ATB19	25.6		1008	A
19	57.87	61.3	06BTB19	22	45	1008	B	D06BTB19	22	46	1008	B		25.6		1008	A
20	60.89	64.3	06BTB20	22	46	1008	B	D06BTB20	22	48	1008	B		25.6		1008	A
21	63.91	68.0	06BTB21	22	46	1008	B	D06BTB21	22	49	1008	B	T06ATB21	25.6		1008	A
22	66.93	71.0	06BTB22	22	50	1108	B	D06BTB22	22	52	1108	B	T06ATB23	25.6		1210	A
23	69.95	73.5	06BTB23	25	63	1210	B	D06BTB23	25	59	1210	B		25.6		1210	A
24	72.97	77.0	06BTB24	25	63	1210	B	D06BTB24	25	61	1210	B		25.6		1210	A
25	76.02	80.0	06BTB25	25	63	1210	B	D06BTB25	25	64	1210	B	T06ATB25	25.6		1210	A
26	79.02	83.0	06BTB26	25	63	1210	B	D06BTB26	25	65	1210	B	T06ATB27	25.6		1210	A
27	82.02	86.0	06BTB27	25	63	1210	B	D06BTB27	25	70	1210	B		25.6		1210	A
28	85.07	89.0	06BTB28	25	63	1210	B	D06BTB28	25	70	1210	B		25.6		1210	A
30	91.12	94.7	06BTB30	25	63	1210	B	D06BTB30	25	75	1210	B	T06ATB30	38	79	1615	B
38	115.35	119.5	06BTB38	25	70	1210	B	D06BTB38	25	80	1610	B	T06ATB38	38	90	1615	B
45	136.55	140.7	06BTB45	25	70	1210	B	D06BTB45	25	80	1610	B					
57	172.91	176.9	06BTB57	25	70	1210	B	D06BTB57	25	80	1610	B					
76	230.49	234.9	06BTB76	25	70	1210	B	D06BTB76	25	80	1610	B					
95	288.08	292.5	06BTB95	25	80	1210	B	D06BTB95	25	90	1610	B					
114	345.68	349.5	06BTB114	25	80	1210	B	D06BTB114	38	95	1615	B					

Note: Material is 1040.

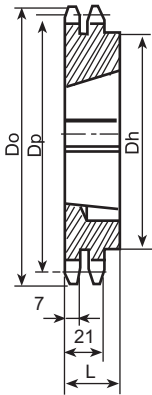


No 08
1/2"•5/16"
(12.7•7.75mm)

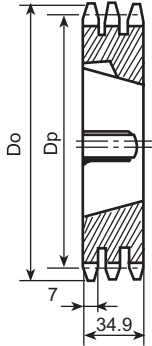
TAPER BORED SPROCKETS



Type B



Type B



Type A

Taper Bored Sprockets

Unit:mm

No. of Teeth	Pitch Dia. Dp	Outside Dia. Do	Single					Double					Triple				
			Catalogue No.	Dimension		Bush No.	Type	Catalogue No.	Dimension		Bush No.	Type	Catalogue No.	Dimension		Bush No.	Type
				L	D _h				L	D _h				L	D _h		
15	61.90	65.5	08BTB15	22	45	1008	B	D08BTB15	22	46	1008	B	T08ATB15	34.9		1008	A
16	65.10	69.5	08BTB16	22	50	1108	B	D08BTB16	22	50	1108	B					
17	69.11	73.6	08BTB17	25	60	1210	B	D08BTB17	25	56	1210	B	T08ATB17	34.9		1210	A
18	73.14	77.8	08BTB18	25	60	1210	B	D08BTB18	25	60	1210	B					
19	77.16	81.7	08BTB19	25	63	1210	B	D08BTB19	25	62	1210	B	T08ATB19	34.9		1210	A
20	81.19	85.8	08BTB20	25	71	1610	B	D08BTB20	25	66	1610	B					
21	85.22	89.7	08BTB21	25	71	1610	B	D08BTB21	25	70	1610	B	T08ATB21	34.9		1610	A
22	89.24	93.8	08BTB22	25	71	1610	B	D08BTB22	25	76	1610	B					
23	93.27	98.2	08BTB23	25	76	1610	B	D08BTB23	25	79	1610	B	T08ATB23	34.9		1610	A
24	97.29	101.8	08BTB24	25	76	1610	B	D08BTB24	25	84	1610	B					
25	101.33	105.8	08BTB25	25	76	1610	B	D08BTB25	32	87	2012	B	T08ATB25	34.9		2012	A
26	105.36	110.0	08BTB26	25	76	1610	B	D08BTB26	32	87	2012	B					
27	109.40	114.4	08BTB27	25	76	1610	B	D08BTB27	32	87	2012	B	T08ATB27	34.9		2012	A
28	113.42	118.0	08BTB28	32	90	2012	B	D08BTB28	32	87	2012	B					
30	121.50	126.1	08BTB30	32	90	2012	B	D08BTB30	32	87	2012	B	T08ATB30	34.9		2012	A
38	153.80	158.6	08BTB38	32	90	2012	B	D08BTB38	32	100	2012	B	T08ATB38	34.9		2012	A
45	182.07	188.0	08BTB45	32	100	2012	B	D08BTB45	32	100	2012	B					
57	230.54	236.4	08BTB57	32	100	2012	B	D08BTB57	32	100	2012	B					
76	307.33	313.3	08BTB76	32	100	2012	B	D08BTB76	32	100	2012	B					
95	384.11	390.1	08BTB95	32	100	2012	B	D08BTB95	32	100	2012	B					
114	460.90	466.9	08BTB114	45	110	2517	B	D08BTB114	45	110	2517	B					

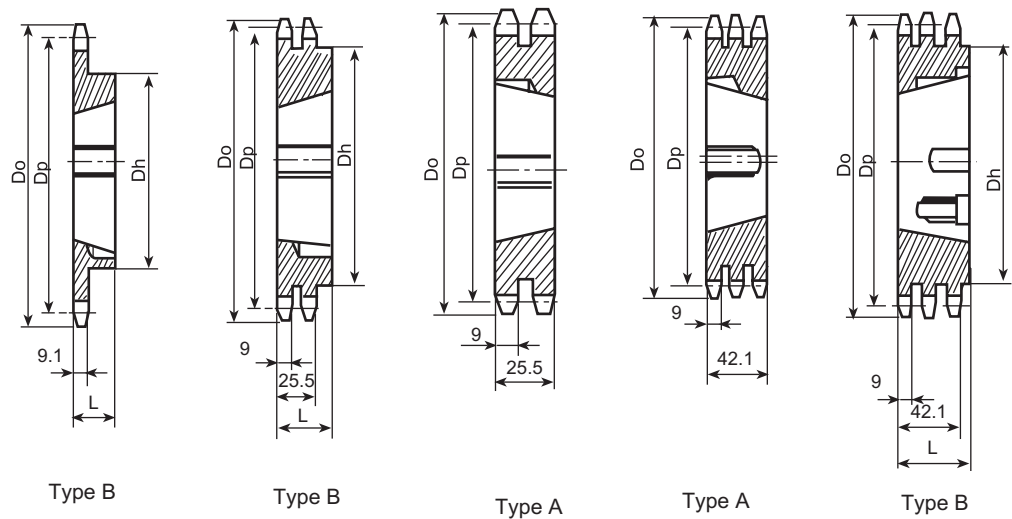
Note: Material is 1040.

No 10

5/8"•3/8"

(15.875•9.65mm)

TAPER BORED SPROCKETS



Taper Bored Sprockets

Unit:mm

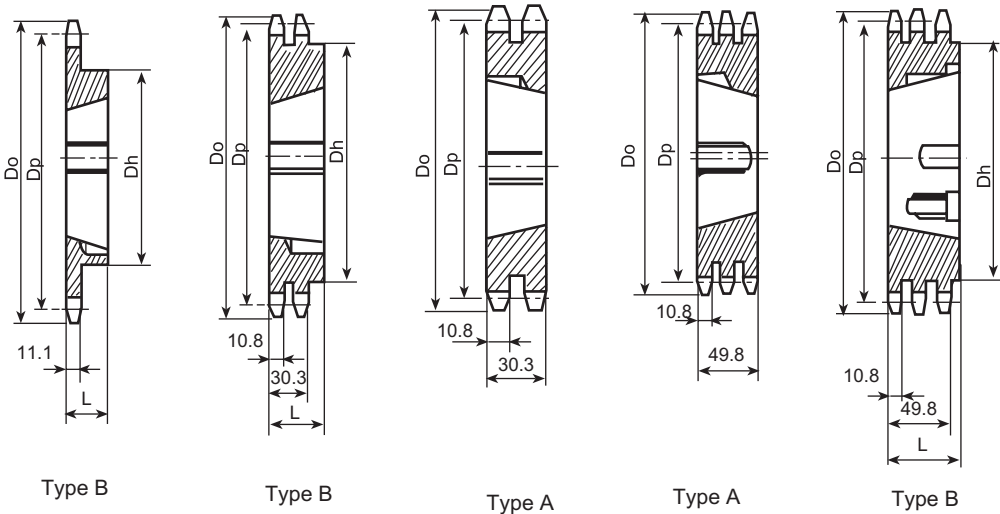
No. of Teeth	Pitch Dia. Dp	Outside Dia. Do	Single					Double					Triple									
			Catalogue No.	Dimension		Bush No	Type	Catalogue No.	Dimension		Bush No.	Type	Catalogue No.	Dimension		Bush No.	Type					
				L	D _h				L	D _h				L	D _h							
13	66.32	73.0	10BTB13	22	47	1008	B						T10ATB15	42.1		1210	A					
14	71.34	78.0	10BTB14	22	52	1108	B															
15	76.36	83.0	10BTB15	25	60	1210	B											D10ATB15	25.5	1210	A	
16	81.37	88.0	10BTB16	25	70	1610	B											D10ATB16	25.5	1610	A	
17	86.36	93.0	10BTB17	25	71	1610	B	D10ATB17	25.5	1610	A	T10ATB17	42.1		1210	A						
18	91.42	98.3	10BTB18	25	75	1610	B	D10ATB18	25.5		1610	A	T10ATB19	42.1		1615	A					
19	96.45	103.3	10BTB19	25	75	1610	B	D10ATB19	25.5		1610	A										
20	101.49	108.4	10BTB20	25	75	1610	B	D10ATB20	25.5		1610	A										
21	106.52	113.4	10BTB21	25	76	1610	B	D10ATB21	25.5		1610	A										
22	111.55	118.0	10BTB22	25	76	1610	B	D10ATB22	25.5	1610	A	T10ATB21	42.1		1615	A						
23	116.58	123.4	10BTB23	25	76	1610	B	D10ATB23	25.5		1610						A					
24	121.62	128.3	10BTB24	25	90	1610	B	D10ATB24	32		90						2012	B				
25	126.66	134.0	10BTB25	32	90	2012	B	D10ATB25	32		90						2012	B				
26	131.70	139.0	10BTB26	32	90	2012	B	D10ATB26	32		90	2012	B	T10ATB27	45	110	2517	B				
27	136.75	144.0	10BTB27	32	90	2012	B	D10ATB27	32	90	2012	B										
28	141.78	148.7	10BTB28	32	90	2012	B	D10ATB28	32	90	2012	B	T10ATB30						45	120	2517	B
30	151.87	158.8	10BTB30	32	90	2012	B	D10ATB30	32	90	2012	B										
38	192.24	199.2	10BTB38	32	100	2012	B	D10ATB38	45	108	2517	B										
45	227.58	235.0	10BTB45	32	100	2012	B															
57	288.18	296.0	10BTB57	32	100	2012	B															
76	384.16	392.1	10BTB76	32	100	2012	B															
95	480.14	488.5	10BTB95	45	110	2517	B															
114	576.13	584.1	10BTB114	45	110	2517	B															

Note: Material is 1040.



No 12
3/4"•7/16"
(19.05•11.68mm)

TAPER BORED SPROCKETS



Taper Bored Sprockets

Unit:mm

No. of Teeth	Pitch Dia. Dp	Outside Dia. Do	Single					Double					Triple				
			Catalogue No.	Dimension		Bush No.	Type	Catalogue No.	Dimension		Bush No.	Type	Catalogue No.	Dimension		Bush No.	Type
				L	D _h				L	D _h				L	D _h		
13	79.59	87.5	12BTB13	25	60	1210	B										
14	85.61	93.6	12BTB14	25	70	1610	B										
15	91.63	99.8	12BTB15	25	70	1610	B	D12ATB15	30.3		1610	A	T12ATB15	49.8		1615	A
16	97.65	105.5	12BTB16	25	75	1610	B	D12ATB16	30.3		1610	A					
17	103.67	111.5	12BTB17	25	76	1610	B	D12ATB17	30.3		1610	A	T12ATB17	49.8		1615	A
18	109.71	118.0	12BTB18	32	90	2012	B	D12ATB18	32	90	2012	B					
19	115.75	124.2	12BTB19	32	90	2012	B	D12ATB19	32	90	2012	B	T12ATB19	49.8		2012	A
20	121.78	129.7	12BTB20	32	90	2012	B	D12ATB20	45	108	2517	B					
21	127.82	136.0	12BTB21	45	102	2517	B	D12ATB21	45	108	2517	B	T12ATB21	49.8		2517	A
22	133.86	141.8	12BTB22	45	102	2517	B	D12ATB22	45	108	2517	B					
23	139.90	149.0	12BTB23	45	108	2517	B	D12ATB23	45	108	2517	B	T12ATB23	49.8		2517	A
24	145.94	153.9	12BTB24	45	108	2517	B	D12ATB24	45	108	2517	B					
25	152.00	160.0	12BTB25	45	108	2517	B	D12ATB25	45	108	2517	B	T12ATB25	49.8		2517	A
26	158.04	165.9	12BTB26	45	108	2517	B	D12ATB26	45	108	2517	B					
27	164.00	172.3	12BTB27	45	108	2517	B	D12ATB27	45	108	2517	B	T12ATB27	51	140	3020	B
28	170.13	178.0	12BTB28	45	108	2517	B	D12ATB28	45	108	2517	B					
30	182.25	190.5	12BTB30	45	108	2517	B	D12ATB30	45	108	2517	B	T12ATB30	51	140	3020	B
38	230.69	239.0	12BTB38	45	108	2517	B	D12ATB38	51	140	3020	B	T12ATB38	51	140	3020	B
45	273.10	282.5	12BTB45	45	108	2517	B	D12ATB45	51	140	3020	B	T12ATB45	51	140	3020	B
57	345.81	355.4	12BTB57	45	108	2517	B	D12ATB57	51	140	3020	B	T12ATB57	51	140	3020	B
76	460.99	469.9	12BTB76	45	108	2517	B	D12ATB76	51	140	3020	B	T12ATB76	51	140	3020	B
95	576.17	585.1	12BTB95	45	108	2517	B	D12ATB95	51	140	3020	B	T12ATB95	76	140	3030	B
114	691.36	700.6	12BTB114	64	108	2525	B	D12ATB114	76	140	3030	B	T12ATB114	76	140	3030	B

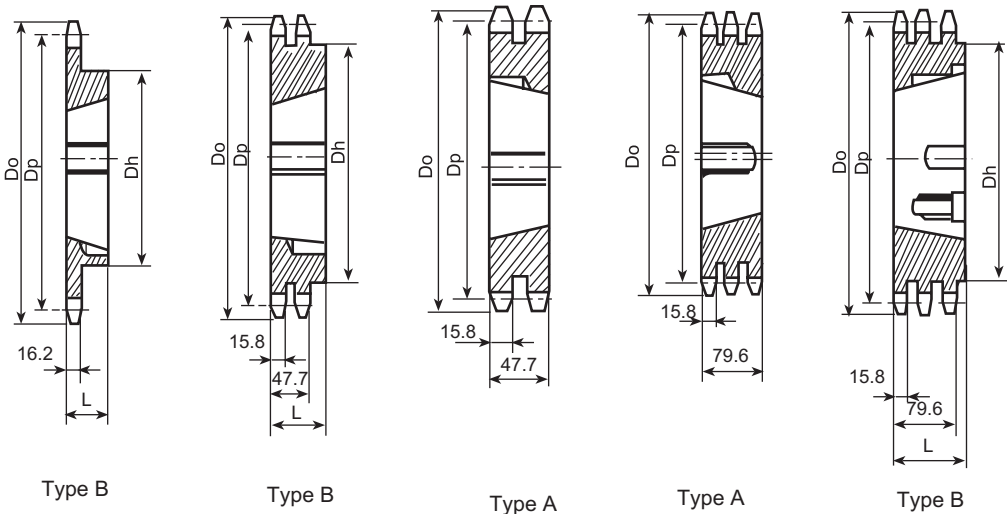
Note: Material is 1040.

No 16

1"•17.02mm

(25.4•17.02mm)

TAPER BORED SPROCKETS



Taper Bored Sprockets

Unit:mm

No. of Teeth	Pitch Dia. Dp	Outside Dia. Do	Single					Double					Triple									
			Catalogue No.	Dimension		Bush No.	Type	Catalogue No.	Dimension		Bush No.	Type	Catalogue No.	Dimension		Bush No.	Type					
				L	D _h				L	D _h				L	D _h							
13	106.12	117.0	16BTB13	38	73	1615	B	D16ATB15	47.7		2012	A	T16ATB17	79.6		2517	A					
14	114.15	125.0	16BTB14	38	76	1615	B															
15	122.17	133.0	16BTB15	38	76	1615	B															
16	130.20	141.0	16BTB16	32	90	2012	B															
17	138.22	149.0	16BTB17	32	90	2012	B															
18	146.28	157.0	16BTB18	45	108	2517	B	D16ATB18	47.7		2517	A	T16ATB19	79.6		3030	A					
19	154.33	165.2	16BTB19	45	108	2517	B	D16ATB19	47.7		2517	A										
20	162.38	173.2	16BTB20	45	108	2517	B	D16ATB20	47.7		2517	A										
21	170.43	181.2	16BTB21	45	110	2517	B	D16ATB21	51	140	3020	B						T16ATB21	79.6		3030	A
22	178.48	189.3	16BTB22	45	110	2517	B	D16ATB22	51	140	3020	B										
23	186.53	197.5	16BTB23	45	110	2517	B	D16ATB23	51	140	3020	B	T16ATB23	89	159	3535	B					
24	194.59	205.5	16BTB24	45	110	2517	B	D16ATB24	51	140	3020	B	T16ATB25	89	175	3535	B					
25	202.66	213.5	16BTB25	45	110	2517	B	D16ATB25	51	140	3020	B										
26	210.72	221.6	16BTB26	45	110	2517	B	D16ATB26	51	140	3020	B										
27	218.79	229.6	16BTB27	45	110	2517	B	D16ATB27	51	140	3020	B						T16ATB27	89	175	3535	B
28	226.85	237.7	16BTB28	45	110	2517	B	D16ATB28	51	140	3020	B										
30	243.00	254.0	16BTB30	51	140	3020	B	D16ATB30	76	140	3030	B	T16ATB30	89	175	3535	B					
38	307.59	320.7	16BTB38	51	140	3020	B	D16ATB38	76	140	3030	B	T16ATB38	89	175	3535	B					
45	364.13	377.1	16BTB45	51	140	3020	B	D16ATB45	76	140	3030	B	T16ATB45	102	215	4040	B					
57	461.07	474.0	16BTB57	51	140	3020	B	D16ATB57	89	175	3535	B	T16ATB57	102	215	4040	B					
76	614.65	627.0	16BTB76	51	140	3020	B	D16ATB76	89	175	3535	B	T16ATB76	102	215	4040	B					
95	768.22	781.1	16BTB95	51	140	3020	B	D16ATB95	102	215	4040	B	T16ATB95	102	215	4040	B					
114	921.81	934.3	16BTB114	76	140	3030	B	D16ATB114	102	215	4040	B	T16ATB114	114	260	4545	B					

Note: Material is 1040.

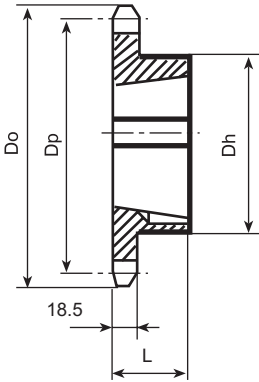
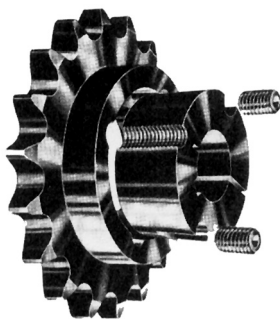


No 20

1 1/4"•3/4"

(31.75•19.56mm)

TAPER BORED SPROCKETS



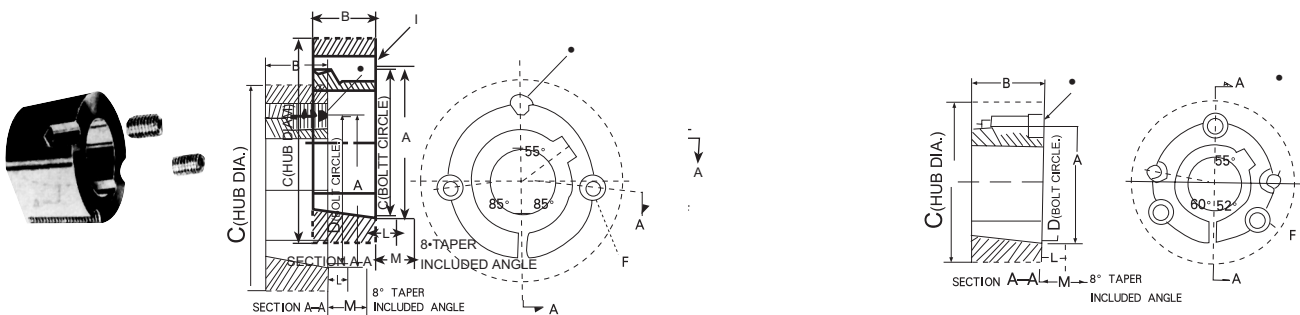
Taper Bored Sprockets

Unit:mm

No. of Teeth	Pitch Dia. Dp	Outside Dia. Do	Single				
			Catalogue No.	Dimension		Bush No.	Type
				L	Dh		
13	132.65	147.8	20BTB13	32	90	2020	B
15	152.72	167.9	20BTB15	45	108	2517	B
17	172.78	187.9	20BTB17	45	108	2517	B
19	192.91	208.1	20BTB19	45	108	2517	B
21	213.04	228.2	20BTB21	45	108	2517	B
23	233.17	248.3	20BTB23	45	108	2517	B
25	253.33	268.5	20BTB25	45	108	2517	B
27	273.40	288.6	20BTB27	51	150	3020	B
30	303.75	318.9	20BTB30	51	150	3020	B
38	384.49	399.6	20BTB38	51	160	3020	B
45	455.17	470.3	20BTB45	51	160	3020	B
57	576.36	591.5	20BTB57	51	160	3020	B
76	768.32	783.5	20BTB76	51	160	3020	B

Note: Material is 1040.

DIMENSION OF TAPER BUSHES AND KEYWAYS



Standard stock bores metric series

Bush No.	Bore in mm (ISO E8)															A	B	Wt(APP) Kg	
1008	9	10	11	12	14	16	18	19	20	22	24	25	28*			35.21	22.3	0.16	
1108	9	10	11	12	14	16	18	19	20	22	24	25	28*			38.38	22.3	0.16	
1210	11	12	14	16	18	19	20	22	24	25	28	30	32			47.63	25.4	0.32	
1610	14	16	18	19	20	22	24	25	28	30	32	35	38	40*	42*	57.15	25.4	0.41	
1615	14	16	18	19	20	22	24	25	28	30	32	35	38	40*	42*	57.15	38.1	0.60	
2012	14	16	18	19	20	22	24	25	28	30	32	35	38	40	42	45	48	50*	
2517	16	18	19	20	22	24	25	28	30	32	35	38	40	42	45	48	50	55	60
3020	25	28	30	32	35	38	40	42	45	48	50	55	60	65	70	75			
3030	35	38	40	42	45	48	50	55	60	65	70	75							
3535	35	38	40	42	45	48	50	55	60	65	70	75	80	85	90*				
4030	40	42	45	48	50	55	60	65	70	75	80	85	90	100*		146.05	76.2	6.75	
4040	40	42	45	48	50	55	60	65	70	75	80	85	90	100*		146.05	101.6	7.68	
5050	70	75	80	85	90	100	105	110	115	120	125					177.80	127.0	15.17	

Code symbol: Taper bush 1615 bore in mm •14•1615014

Dimensions of keyways (UNI6604-69 DIN6885) with standard bore metric series

D		b	t		D*	Dimensions of keyways	
Over		to				b	t
"	10	12	4	D+1.8	28*	8	D+1.3
"	12	17	5	D+2.3	35*	10	D+1.3
"	17	22	6	D+2.8	40*/42*	12	D+1.3
"	22	30	8	D+3.3	50*	14	D+2.8
"	30	38	10	D+3.3	90*	25	D+3.4
"	38	44	12	D+3.3	100*	28	D+5.4
"	44	50	14	D+3.8			
"	50	58	16	D+4.3			
"	58	65	18	D+4.4			
"	65	75	20	D+4.9			
"	75	85	22	D+5.4			
"	85	95	25	D+5.4			
"	95	110	28	D+6.4			
"	110	130	32	D+7.4			