



Conical clamping bush in cast iron that has finished shaft holes with keyways. The bushes have a phosphate surface treatment. The keyway follow the standard SS 2305. We can offer sizes from 1008-5050. Bushes with shaft holes in inches have keyways according to the british standard 46:Pt1

In the table specified "Torque values" you will find values for transmittable torque without key, in Nm.

Bush Size	No. of screws	Hex, socket size [mm]	Large cone end diameter [mm]	Length [mm]	Material [mm]	Weight [mm]
1008	2	3	35	22	Cast Iron	0,1
1108	2	3	38	22	Cast Iron	0,2
1210	2	5	48	25	Cast Iron	0,3
1215	2	5	48	38	Cast Iron	0,4
1310	2	5	51	25	Cast Iron	0,3
1610	2	5	57	25	Cast Iron	0,4
1615	2	5	57	38	Cast Iron	0,6
2012	2	6	70	32	Cast Iron	0,8
2517	2	6	86	45	Cast Iron	1,1
3020	2	8	108	51	Cast Iron	2,5
3030	3	8	108	76	Cast Iron	3,8
3525	3	10	127	65	Cast Iron	3,9
3535	3	10	127	89	Cast Iron	5,1
4030	3	12	146	76	Cast Iron	6,3
4040	3	12	146	102	Cast Iron	7,7
4535	3	14	162	89	Cast Iron	8,8
4545	3	14	162	114	Cast Iron	12,7
5040	3	14	178	102	Cast Iron	12,1
5050	3	14	178	127	Cast Iron	15,5

Item no. example (inch):

2012 1 1/2
 ————— Bore inch
 ————— Bush size

Item no. example (mm)

2517 50
 ————— Bore mm
 ————— Bush size

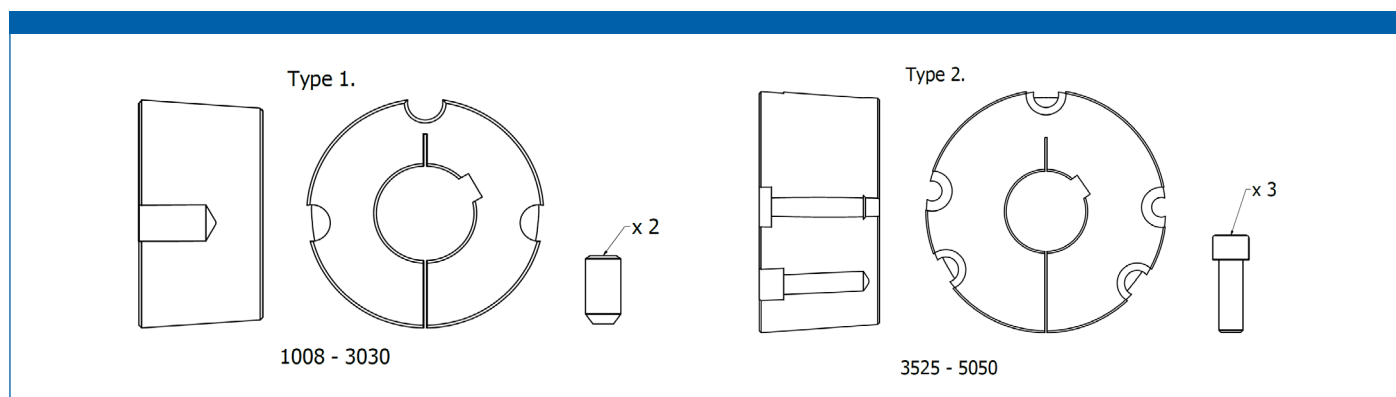


Table for measurement in millimeter

Bore [mm]	Keyway width [mm]	Keyway depth [mm]		Bush Size																			
				1008	1108	1210	1215	1310	1610	1615	2012	2517	3020	3030	3525	3535	4030	4040	4535	4545	5040	5050	
10	3	1,4		x	x	x																	
11	4	1,8		x	x	x	x		x														
12	4	1,8		x	x	x	x		x														
14	5	2,3		x	x	x	x	x	x	x	x												
15	5	2,3		x	x	x	x	x	x	x	x												
16	5	2,3		x	x	x	x	x	x	x	x												
18	6	2,8		x	x	x	x	x	x	x	x	x											
19	6	2,8		x	x	x	x	x	x	x	x	x											
20	6	2,8		x	x	x	x	x	x	x	x	x											
22	6	2,8		x	x	x	x	x	x	x	x	x											
24	8	3,3		x	x	x	x	x	x	x	x	x											
25	8	3,3	1,3	x*	x	x	x	x	x	x	x	x											
28	8	1,3	1,3		x*	x	x	x	x	x	x	x											
30	8	3,3				x	x	x	x	x	x	x	x										
32	10	3,3				x	x	x	x	x	x	x	x	x									
35	10	3,3						x	x	x	x	x	x	x	x								
38	10	3,3							x	x	x	x	x	x	x								
40	12	3,3							x	x	x	x	x	x	x	x	x						
42	12	3,3	1,3						x**	x*	x	x	x	x	x	x	x						
45	14	3,8									x	x	x	x	x	x	x						
48	14	3,8									x	x	x	x	x	x	x						
50	14	3,8									x	x	x	x	x	x	x						
55	16	4,3										x	x	x	x	x	x	x	x				
60	18	4,4										x	x	x	x	x	x	x	x				
65	18	4,4										x**	x	x	x	x	x	x	x				
70	20	4,9											x	x	x	x	x	x	x	x	x		
75	20	4,9											x	x	x	x	x	x	x	x	x		
80	22	5,4													x	x	x	x	x	x	x		
85	22	5,4													x	x	x	x	x	x	x		
90	25	5,4													x	x	x	x	x	x	x		
100	28	6,4													x**		x	x	x	x	x		
105	28	6,4															x		x	x	x		
110	28	6,4															x		x	x	x		
115	32	5,4															x			x	x		
120	32	7,4																x		x	x		
125	32	7,4																x		x	x		
				*Shallow keyway					**Steel														
Type				1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2		
Screw dimensions				1/4" x 1/2"	1/4" x 1/2"	3/8" x 5/8"	3/8" x 5/8"	3/8" x 5/8"	3/8" x 5/8"	7/16" x 7/8"	1/2" x 1"	5/8" x 1 1/4"	5/8" x 1 1/4"	1/2" x 1 1/2"	1/2" x 1 1/2"	5/8" x 1 3/4"	5/8" x 1 3/4"	3/4" x 2"	3/4" x 2"	7/8" x 2 1/4"	7/8" x 2 1/4"		

Table for measurment in inches

Bore [Inch]	Keyway width [Inch]	Keyway depth [Inch]	Bush Size																		
			1008	1108	1210	1215	1310	1610	1615	2012	2517	3020	3030	3525	3535	4030	4040	4535	4545	5040	5050
1/2	1/8	1/16	x	x	x			x													
3/4	3/16	3/32	x	x	x			x		x	x										
1	1/4	1/8	x	x	x			x		x	x										
3/8	1/8	1/16		x																	
7/8	1/4	1/8		x	x			x		x	x	x									
1 1/4	5/16	1/8			x			x	x	x											
1 1/8	5/16	1/8			x			x		x	x										
1 1/2	3/8	1/8						x		x	x	x									
1 7/16	3/16	3/32						x		x		x									
1 3/8	3/8	1/8								x											
1 5/8	7/16	5/32								x	x	x									
1 7/8	1/2	5/32									x	x									
2 1/4	5/8	7/32									x										
2 1/8	5/8	7/32									x	x									
2 15/16	3/4	1/4										x									
2 3/16	5/8	7/32										x									
2 3/8	5/8	7/32												x							
2 7/8	3/4	1/4												x							
3 3/8	7/8	5/16												x							
Type			1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Screw dimensions B.S.W			1/4" x 1/2"	1/4" x 1/2"	3/8" x 5/8"	3/8" x 5/8"	3/8" x 5/8"	3/8" x 5/8"	7/16" x 7/8"	1/2" x 1"	5/8" x 1 1/4"	5/8" x 1 1/4"	1/2" x 1 1/2"	1/2" x 1 1/2"	5/8" x 1 3/4"	5/8" x 1 3/4"	3/4" x 2"	3/4" x 2"	7/8" x 2 1/4"	7/8" x 2 1/4"	

Torque Values

Bush size	Bore Diameter [mm]	Values for transmittable torque without key [Nm]	Values for tightening [Nm]
1008	12	29	5,6
	19	51	
	24	66	
1108	12	28	5,6
	19	49	
	24	64	
	28	79	
1210/15	16	82	20
	19	105	
	24	142	
	32	210	
1610/15	19	98	20
	24	135	
	38	240	
	42	265	
2012	24	165	31
	38	310	
	42	340	
	48	400	
2517/25	50	420	48
	24	220	
	38	320	
	42	430	
	48	510	
	55	600	
	60	670	

Bush size	Bore Diameter [mm]	Values for transmittable torque without key [Nm]	Values for tightening [Nm]
3020/30	38	520	90
	48	730	
	55	890	
	60	970	
	75	1300	
3525/35	42	1000	113
	60	1580	
	75	2150	
	90	2600	
	100*	3075	
4030/40	48	1700	170
	60	2300	
	75	3900	
	100	4400	
	115*	5150	
4535/45	55	2500	192
	75	3900	
	100	5500	
	110	6300	
	125*	6625	
5040/50	75	3950	271
	100	5650	
	125	7370	
	130*	7725	

* Bore diameter is only available in short bush type