

Taper Lock Bushes (Metric)



Metric Bores & Keyways

Bore Diameter	Keyway		Shallow Keyway Depth	Product Code								
	Width	Depth		1008	1108	1210	1610	1615	2012	2517	3020	3030
9	3	1.4	-	*	*							
10	3	1.4	-	*	*							
11	4	1.8	-	*	*	*						
12	4	1.8	-	*	*	*						
14	5	2.3	-	*	*	*	*	*	*			
15	5	2.3	-	*	*	*	*	*	*			
16	5	2.3	-	*	*	*	*	*	*	*		
18	6	2.8	-	*	*	*	*	*	*	*		
19	6	2.8	-	*	*	*	*	*	*	*		
20	6	2.8	-	*	*	*	*	*	*	*		
22	6	2.8	-	*	*	*	*	*	*	*		
24	8	3.3	1.3	*	*	*	*	*	*	*		
25	8	3.3	1.3	*	*	*	*	*	*	*	*	
28	8	3.3	1.3		*	*	*	*	*	*	*	
30	8	3.3	-			*	*	*	*	*	*	
32	10	3.3	-			*	*	*	*	*	*	
35	10	3.3	-				*	*	*	*	*	*
38	10	3.3	-				*	*	*	*	*	*
40	12	3.3	-				*	*	*	*	*	*
42	12	3.3	2.2				*	*	*	*	*	*
45	14	3.8	-					*	*	*	*	*
48	14	3.8	-					*	*	*	*	*
50	14	3.8	-					*	*	*	*	*
55	16	4.3	-						*	*	*	*
60	18	4.4	-						*	*	*	*
65	18	4.4	-							*	*	*
70	20	4.9	-							*	*	*
75	20	4.9	-							*	*	*

Bore Diameter	Keyway		Shallow Keyway	Product Code								
	Width	Depth		3525	3535	4030	4040	4535	4545	5040	5050	
35	10	3.3	-	*	*							
38	10	3.3	-	*	*							
40	12	3.3	-	*	*	*	*					
42	12	3.3	-	*	*	*	*					
45	14	3.8	-	*	*	*	*					
48	14	3.8	-	*	*	*	*					
50	14	3.8	-	*	*	*	*					
55	16	4.3	-	*	*	*	*	*	*			
60	18	4.4	-	*	*	*	*	*	*			
65	18	4.4	-	*	*	*	*	*	*			
70	20	4.9	-	*	*	*	*	*	*	*	*	
75	20	4.9	-	*	*	*	*	*	*	*	*	*
80	22	5.4	-	*	*	*	*	*	*	*	*	*
85	22	5.4	-	*	*	*	*	*	*	*	*	*
90	25	5.4	-	*	*	*	*	*	*	*	*	*
95	25	5.5	-	*	*	*	*	*	*	*	*	*
100	28	6.4	4.4	*	*	*	*	*	*	*	*	*
105	28	6.4	-			*	*	*	*	*	*	*
110	28	6.4	-			*	*	*	*	*	*	*
115	32	7.4	5.4			*	*	*	*	*	*	*
120	32	7.4	-				*	*	*	*	*	*
125	32	7.4	-				*	*	*	*	*	*



Inch Bores & Keyways

Bore Diameter	Keyway		Shallow Keyway Depth	Product Code								
	Width	Depth		1008	1108	1210	1610	1615	2012	2517	3020	3030
0.375	0.125	0.06	-	*	*							
0.500	0.125	0.06	-	*	*		*	*				
0.625	0.187	0.09	-	*	*	*	*	*				
0.750	0.187	0.09	-	*	*	*	*	*	*	*		
0.875	0.250	0.12	-	*	*	*	*	*	*	*		
1.000	0.250	0.12	0.052	*	*	*	*	*	*	*		
1.125	0.312	0.11	0.064		*	*	*	*	*	*		
1.250	0.312	0.11	-			*	*	*	*	*	*	*
1.375	0.375	0.11	-			*	*	*	*	*	*	*
1.500	0.375	0.11	-			*	*	*	*	*	*	*
1.625	0.437	0.13	0.103				*	*	*	*	*	*
1.750	0.437	0.13	-					*	*	*	*	*
1.875	0.500	0.13	-					*	*	*	*	*
2.000	0.500	0.13	-					*	*	*	*	*
2.125	0.625	0.18	-						*	*	*	*
2.250	0.625	0.18	-						*	*	*	*
2.375	0.625	0.18	-						*	*	*	*
2.500	0.625	0.18	-						*	*	*	*
2.625	0.750	0.21	-							*	*	*
2.750	0.750	0.21	2.2							*	*	*
2.875	0.750	0.21	-							*	*	*
3.000	0.750	0.21	-							*	*	*

Bore Diameter	Keyway		Shallow Keyway	Product Code								
	Width	Depth		3525	3535	4030	4040	4535	4545	5040	5050	
1.5	0.375	0.11	-	*	*							
1.625	0.437	0.13	-	*	*							
1.75	0.437	0.13	-	*	*	*	*					
1.875	0.5	0.13	-	*	*	*	*					
2	0.5	0.13	-	*	*	*	*					
2.125	0.625	0.18	-	*	*	*	*					
2.25	0.625	0.18	-	*	*	*	*	*	*			
2.375	0.625	0.18	-	*	*	*	*	*	*			
2.5	0.625	0.18	-	*	*	*	*	*	*			
2.625	0.75	0.21	-	*	*	*	*	*	*			
2.75	0.75	0.21	-	*	*	*	*	*	*	*	*	*
2.875	0.75	0.21	-	*	*	*	*	*	*	*	*	*
3	0.75	0.21	-	*	*	*	*	*	*	*	*	*
3.125	0.875	0.26	-	*	*	*	*	*	*	*	*	*
3.25	0.875	0.26	-	*	*	*	*	*	*	*	*	*
3.375	0.875	0.26	-	*	*	*	*	*	*	*	*	*
3.5	0.875	0.26	-	*	*	*	*	*	*	*	*	*
3.75	1	0.32	0.245	*		*	*	*	*	*	*	*
4	1	0.32	0.155	*		*	*	*	*	*	*	*
4.25	1.25	0.37	-			*		*	*	*	*	*
4.5	1.25	0.37	0.255			*		*	*	*	*	*
4.75	1.25	0.37	-					*		*	*	*
5	1.25	0.37	0.258					*		*	*	*



General Taper Lock Data

Bush Size		1008	1108	1210	1610	1615	2012	2517	3020	3030	3525	3535	4030	4040	4535	4545	5040	5050
Screw tightening torque (Nm)		5.6	5.6	20	20	20	30	50	90	90	115	115	170	170	190	190	270	270
Quantity		2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
Screw details	Size (BSW)	1/4"	1/4"	3/8"	3/8"	3/8"	7/16"	1/2"	5/8"	5/8"	1/2"	1/2"	5/8"	5/8"	3/4"	3/4"	7/8"	7/8"
	Hex, socket size (mm)	3	3	5	5	5	6	6	8	8	10	10	12	12	14	14	14	14
Large end dia. (mm)		35.0	38.0	47.5	57.0	57.0	70.0	85.5	108.0	108.0	127.0	127.0	146.0	146.0	162.0	162.0	178.0	178.0
Bush Length (mm)		22.3	22.3	25.4	25.4	38.1	31.8	44.5	50.8	76.2	63.5	89.0	76.2	102.0	89.0	114.0	102.0	127.0
Approx mass (kg)		0.1	0.1	0.2	0.3	0.5	0.7	1.5	2.7	3.6	3.8	5.0	5.6	7.7	7.5	10.0	11.1	14.0

Weld on Hub

Hub Ref	Bush	a mm	b mm	c mm	d mm	e mm	f mm
WH12	1210	70	65	64.5	25	9	10
WH16	1610	80	75	74.5	25	9	10
WH20	2012	95	90	89.5	32	12	12
WH25	2517	115	110	109.5	44	19	15
WH30	3020	145	140	139.5	50	20	15
WH35	3525	190	180	179.5	65	25	25
WH40	4040	200	190	189.5	102	32	30
WH45	4545	210	200	199.5	114	40	30
WH50	5050	230	220	219.5	127	40	35

