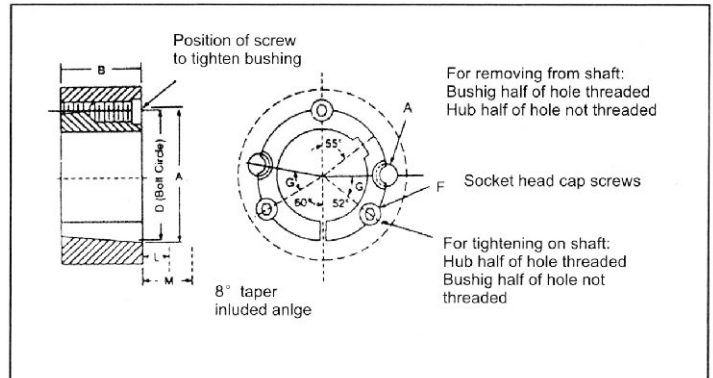
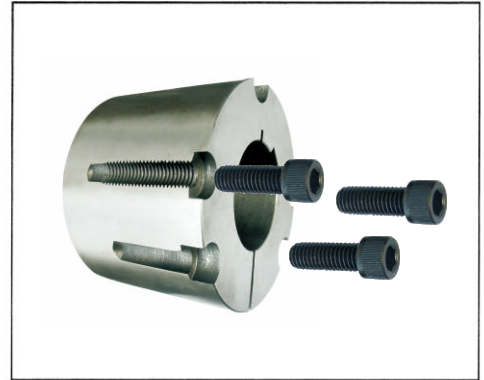
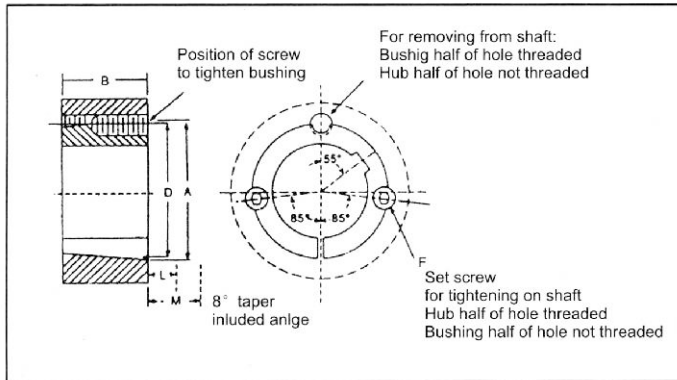


Taper Bushings

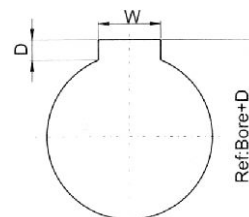


Dimensions for 1008 thru 3030 TAPER Bushings

Bush.No.	A	B	D	Set Screws
1008	1.386	7/8	1 ²¹ / ₆₄	1/4 × 1/2
1108	1.511	7/8	1 ²⁹ / ₆₄	1/4 × 1/2
1210	1 ⁷ / ₈	1	1 ³ / ₄	3/8 × 5/8
1215	1 ⁷ / ₈	1 ¹ / ₂	1 ³ / ₄	3/8 × 5/8
1310	2	1	1 ⁷ / ₈	3/8 × 5/8
1610	2 ¹ / ₄	1	2 ¹ / ₈	3/8 × 5/8
1615	2 ¹ / ₄	1 ¹ / ₂	2 ¹ / ₈	3/8 × 5/8
2012	2 ³ / ₄	1 ¹ / ₄	2 ⁵ / ₈	7/16 × 7/8
2017	2 ³ / ₄	1 ³ / ₄	2 ⁵ / ₈	7/16 × 7/8
2517	3 ³ / ₈	1 ³ / ₄	3 ¹ / ₄	1/2 × 1
2525	3 ³ / ₈	2 ¹ / ₂	3 ¹ / ₄	1/2 × 1
3020	4 ¹ / ₄	2	4	5/8 × 1 ¹ / ₄
3030	4 ¹ / ₄	3	4	5/8 × 1 ¹ / ₄

Dimensions for 3535 thru 5050 TAER Bushings

Bush.No.	A	B	D	Socket Head Cap Screws	G
3535	5	3 ¹ / ₂	4.83	1/2 × 1 ¹ / ₂	39°
4040	5 ³ / ₄	4	5.54	5/8 × 1 ³ / ₄	40°
4545	6 ³ / ₈	4 ¹ / ₂	6.13	3/4 × 2	40°
5050	7	5	6.72	7/8 × 2 ¹ / ₄	37°



ISO STANDARD METHOD FOR MEASURING KEYSEAT DEPTH
D: depth measured at centering

MM Bore Key way dimensions conform to ISO standard



GOODWILL

Taper Bushing Keyway

USAS B 17.1 1967
KEYS AND KEYSEATS

Bush. No.	Bore	Keyway		Bush. No.	Bore	Keyway		Bush. No.	Bore	Keyway		Bush. No.	Bore	Keyway		Bush. No.	Bore	Keyway																		
		WIDTH	DEPTH			WIDTH	DEPTH			WIDTH	DEPTH			WIDTH	DEPTH			WIDTH	DEPTH	WIDTH	DEPTH															
1008	1/2	0.125	0.062	1610	1/2	0.125	0.062	2517	1/2	0.125	0.062	3020	7/8	0.25	0.125	3535	1 15/16	0.312	0.125	4545	1 15/16	0.50	0.156													
	9/16	0.187	0.093		9/16	0.187	0.093		5/8	0.25	0.125		1 1/8				0.375				0.125			1 3/8	0.437	0.156	1 1/4	0.50	0.156	2 3/8	0.625	0.218				
	5/8				5/8				1 1/8				1 1/8											1 3/8			1 3/8			1 1/2			2 3/8			
	11/16	0.25	0.125		11/16	0.25	0.125		3/4	0.375	0.125		1 3/8				0.437				0.156			1 5/8	0.625	0.218	2 1/8	0.75	0.250	3 1/8	0.875	0.312				
	3/4				3/4				1 1/4				1 3/8											1 1/2			2 1/4			2 1/2			3 1/4			
	13/16	0.312	0.078		13/16	0.312	0.078		1 1/2	0.437	0.156		1 7/8				0.625				0.218			2 3/8	0.75	0.250	2 1/2	0.875	0.312	3 3/8	1.0	0.375				
7/8	7/8			1 1/2	1 7/8			2 1/2	3 1/2			3 5/8																								
7/8	0.375	0.125	7/8	0.375	0.125	1 5/8	0.437	0.156	1 1/2	0.625	0.218	2 1/2	0.75	0.250	2 3/4	0.875	0.312	3 7/8	1.25	0.437																
15/16			15/16			1 1/2			1 1/2			2 1/2			3 1/2			4 1/2																		
1	0.437	0.125	1	0.437	0.125	1 7/8	0.625	0.187	1 5/8	0.75	0.250	2 3/4	0.875	0.312	3 1/2	1.0	0.375	3 7/8	1.25	0.500																
1 1/8			1 1/8			1 1/2			1 7/8			2 1/2			3 1/2			4 1/2																		
1108	1/2	0.125	0.062	1615	9/16	0.187	0.093	2525	1 13/16	0.50	0.156	3030	15/16	0.25	0.125	4040	1 15/16	0.375	0.125	5050	1 15/16	0.50	0.156													
	9/16	0.187	0.093		5/8				0.25				0.125				1 7/8				0.375			0.125	1 1/8	0.437	0.156	1 1/8	0.50	0.156	1 7/8	0.625	0.218	1 1/2	0.75	0.250
	5/8				5/8												1 1/2								1 3/8			1 3/8			1 5/8			2 1/8		
	11/16	0.25	0.125		11/16				0.25				0.125				1 1/2				0.375			0.125	1 3/8	0.437	0.156	1 5/8	0.625	0.218	2 1/8	0.75	0.250	2 3/8	0.875	0.312
	3/4				3/4												1 1/4								1 3/8			1 1/2			2 1/4			2 1/2		
	13/16	0.312	0.078		13/16				0.312				0.078				1 1/4				0.437			0.156	1 7/8	0.625	0.218	2 3/8	0.75	0.250	2 1/2	0.875	0.312	3 1/8	1.0	0.375
7/8	7/8			1 1/2	1 7/8	2 1/2	3 1/2	3 5/8																												
15/16	0.375	0.125	15/16	0.375	0.125	1 5/8	0.437	0.156	1 1/2	0.625	0.218	2 1/2	0.75	0.250	2 3/4	0.875	0.312	3 7/8	1.25	0.500																
1			1			1 1/2			1 1/2			2 1/2			3 1/2			4 1/2																		
1 1/16	0.437	0.125	1 1/16	0.437	0.125	1 7/8	0.625	0.187	1 5/8	0.75	0.250	2 3/4	0.875	0.312	3 1/2	1.0	0.375	3 7/8	1.25	0.500																
1 1/8			1 1/8			1 1/2			1 7/8			2 1/2			3 1/2			4 1/2																		
1210	1/2	0.125	0.062	1615	9/16	0.187	0.093	2525	1 13/16	0.50	0.156	3030	15/16	0.25	0.125	4040	1 15/16	0.375	0.125	5050	1 15/16	0.50	0.156													
	9/16	0.187	0.093		5/8				0.25				0.125				1 7/8				0.375			0.125	1 1/8	0.437	0.156	1 1/8	0.50	0.156	1 7/8	0.625	0.218	1 1/2	0.75	0.250
	5/8				5/8												1 1/2								1 3/8			1 3/8			1 5/8			2 1/8		
	11/16	0.25	0.125		11/16				0.25				0.125				1 1/2				0.375			0.125	1 3/8	0.437	0.156	1 5/8	0.625	0.218	2 1/8	0.75	0.250	2 3/8	0.875	0.312
	3/4				3/4												1 1/4								1 3/8			1 1/2			2 1/4			2 1/2		
	13/16	0.312	0.078		13/16				0.312				0.078				1 1/4				0.437			0.156	1 7/8	0.625	0.218	2 3/8	0.75	0.250	2 1/2	0.875	0.312	3 1/8	1.0	0.375
7/8	7/8			1 1/2	1 7/8	2 1/2	3 1/2	3 5/8																												
15/16	0.375	0.125	15/16	0.375	0.125	1 5/8	0.437	0.156	1 1/2	0.625	0.218	2 1/2	0.75	0.250	2 3/4	0.875	0.312	3 7/8	1.25	0.500																
1			1			1 1/2			1 1/2			2 1/2			3 1/2			4 1/2																		
1 1/16	0.437	0.125	1 1/16	0.437	0.125	1 7/8	0.625	0.187	1 5/8	0.75	0.250	2 3/4	0.875	0.312	3 1/2	1.0	0.375	3 7/8	1.25	0.500																
1 1/8			1 1/8			1 1/2			1 7/8			2 1/2			3 1/2			4 1/2																		
1215	1/2	0.125	0.062	1615	9/16	0.187	0.093	2525	1 13/16	0.50	0.156	3030	15/16	0.25	0.125	4040	1 15/16	0.375	0.125	5050	1 15/16	0.50	0.156													
	9/16	0.187	0.093		5/8				0.25				0.125				1 7/8				0.375			0.125	1 1/8	0.437	0.156	1 1/8	0.50	0.156	1 7/8	0.625	0.218	1 1/2	0.75	0.250
	5/8				5/8												1 1/2								1 3/8			1 3/8			1 5/8			2 1/8		
	11/16	0.25	0.125		11/16				0.25				0.125				1 1/2				0.375			0.125	1 3/8	0.437	0.156	1 5/8	0.625	0.218	2 1/8	0.75	0.250	2 3/8	0.875	0.312
	3/4				3/4												1 1/4								1 3/8			1 1/2			2 1/4			2 1/2		
	13/16	0.312	0.078		13/16				0.312				0.078				1 1/4				0.437			0.156	1 7/8	0.625	0.218	2 3/8	0.75	0.250	2 1/2	0.875	0.312	3 1/8	1.0	0.375
7/8	7/8			1 1/2	1 7/8	2 1/2	3 1/2	3 5/8																												
15/16	0.375	0.125	15/16	0.375	0.125	1 5/8	0.437	0.156	1 1/2	0.625	0.218	2 1/2	0.75	0.250	2 3/4	0.875	0.312	3 7/8	1.25	0.500																
1			1			1 1/2			1 1/2			2 1/2			3 1/2			4 1/2																		
1 1/16	0.437	0.125	1 1/16	0.437	0.125	1 7/8	0.625	0.187	1 5/8	0.75	0.250	2 3/4	0.875	0.312	3 1/2	1.0	0.375	3 7/8	1.25	0.500																
1 1/8			1 1/8			1 1/2			1 7/8			2 1/2			3 1/2			4 1/2																		
1310	1/2	0.125	0.062	1615	9/16	0.187	0.093	2525	1 13/16	0.50	0.156	3030	15/16	0.25	0.125	4040	1 15/16	0.375	0.125	5050	1 15/16	0.50	0.156													
	9/16	0.187	0.093		5/8				0.25				0.125				1 7/8				0.375			0.125	1 1/8	0.437	0.156	1 1/8	0.50	0.156	1 7/8	0.625	0.218	1 1/2	0.75	0.250
	5/8				5/8												1 1/2								1 3/8			1 3/8			1 5/8			2 1/8		
	11/16	0.25	0.125		11/16				0.25				0.125				1 1/2				0.375			0.125	1 3/8	0.437	0.156	1 5/8	0.625	0.218	2 1/8	0.75	0.250	2 3/8	0.875	0.312
	3/4				3/4												1 1/4								1 3/8			1 1/2			2 1/4			2 1/2		
	13/16	0.312	0.078		13/16				0.312				0.078				1 1/4				0.437			0.156	1 7/8	0.625	0.218	2 3/8	0.75	0.250	2 1/2	0.875	0.312	3 1/8	1.0	0.375
7/8	7/8			1 1/2	1 7/8	2 1/2	3 1/2	3 5/8																												
15/16	0.375	0.125	15/16	0.375	0.125	1 5/8	0.437	0.156	1 1/2	0.625	0.218	2 1/2	0.75	0.250	2 3/4	0.875	0.312	3 7/8	1.25	0.500																
1			1			1 1/2			1 1/2			2 1/2			3 1/2			4 1/2																		
1 1/16	0.437	0.125	1 1/16	0.437	0.125	1 7/8	0.625	0.187	1 5/8	0.75	0.250	2 3/4	0.875	0.312	3 1/2	1.0	0.375	3 7/8	1.25	0.500																
1 1/8			1 1/8			1 1/2			1 7/8			2 1/2			3 1/2			4 1/2																		

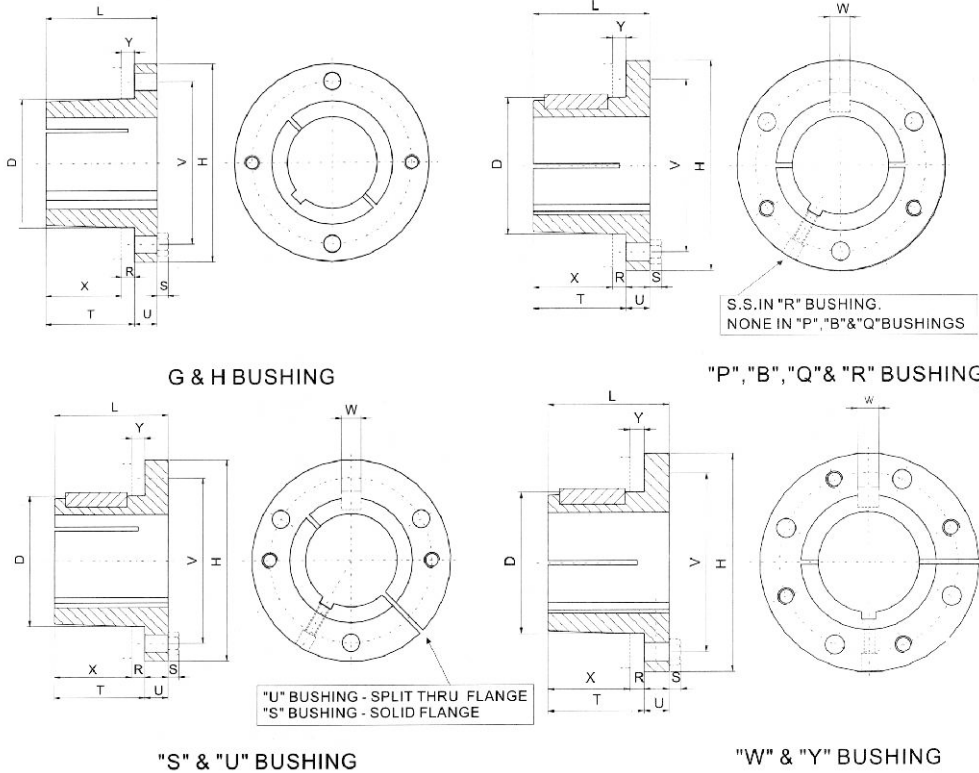
Taper Bushings Keyway

Dimensions in INCHES. △-Shallow Keyway



GOODWILL

Split Taper Bushing



TYPE 1

Bushing Specifications

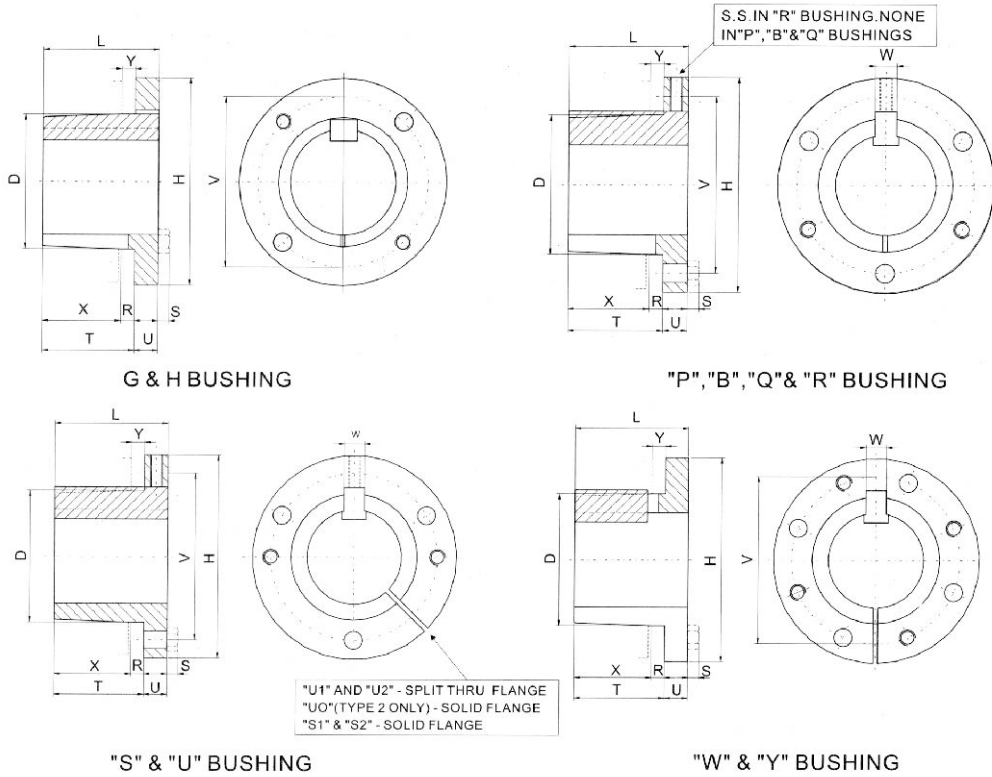
Part No.	Dimensions													Cap Screws		Av. Wt. Lbs
	L	U	T	D		H	V	W	X	Y	R	S	Type 1 Bore Range	No.	Size	
				Large End	Small End											
G	1"	1/4"	3/4"	1.172"	1.133"	2"	1 9/16"		5/8"	3/16"	1/8"	3/16"	3/8" - 1 5/16"	2	1/4" x 5/8"	.5
H	1 1/4"	1/4"	1"	1.625	1.570	2 1/2"	2"		7/8"	3/16"	1/8"	3/16"	3/8" - 1 3/8"	2	1/4" x 3/4"	.8
P1	1 15/16"	13/32"	1 17/32"	1.9375	1.8555	3"	2 7/16"	3/8"	1 5/16"	7/32"	7/32"	1/4"	1/2" - 1 7/16"	3	5/16" x 1"	1.3
P2	2 15/16"	13/32"	2 17/32"	1.9375	1.7390	3"	2 7/16"	3/8"	2 5/16"	7/32"	7/32"	1/4"	3/4" - 1 7/16"	3	5/16" x 1"	1.5
P3	4 7/16"	13/32"	4 1/32"	1.9375	1.6993	3"	2 7/16"	3/8"	3 3/16"	7/32"	7/32"	1/4"	1 1/8" - 1 3/8"	3	5/16" x 1"	2
B	1 15/16"	1/2"	1 7/16"	2.625	2.5567	3 1/16"	3 1/8"	1/2"	1 3/16"	7/32"	1/4"	1/4"	1/2" - 1 15/16"	3	5/16" x 1 1/4"	1.8
Q1	2 1/2"	17/32"	1 31/32"	2.875	2.7657	4 1/8"	3 3/8"	1/2"	1 3/4"	7/32"	7/32"	9/32"	3/4" - 2 1/16"	3	3/8" x 1 1/4"	3.5
Q2	3 1/2"	17/32"	2 31/32"	2.875	2.7032	4 1/8"	3 3/8"	1/2"	2 3/4"	7/32"	7/32"	9/32"	1" - 2 1/16"	3	3/8" x 1 1/4"	4.5
Q3	5"	17/32"	4 15/32"	2.875	2.6094	4 1/8"	3 3/8"	1/2"	4 1/4"	7/32"	7/32"	9/32"	1 3/8" - 2 1/16"	3	3/8" x 1 1/4"	5.5
R1	2 7/8"	5/8"	2 1/4"	4.000	3.8750	5 3/8"	4 5/8"	3/4"	2"	1/4"	1/4"	9/32"	1 1/8" - 2 13/16"	3	3/8" x 1 3/4"	7.5
R2	4 7/8"	5/8"	4 1/4"	4.000	3.7500	5 3/8"	4 5/8"	3/4"	4"	1/4"	1/4"	9/32"	1 3/8" - 2 13/16"	3	3/8" x 1 3/4"	11
S1	4 3/8"	3/4"	3 5/8"	4.625	4.4180	6 3/8"	5 3/8"	3/4"	3 5/16"	5/16"	5/16"	3/8"	1 11/16" - 3 3/16"	3	1/2" x 2 1/4"	13.5
S2	6 3/4"	3/4"	6"	4.625	4.2696	6 3/8"	5 3/8"	3/4"	5 11/16"	5/16"	5/16"	3/8"	1 7/8" - 3 3/16"	3	1/2" x 2 1/4"	19
U0	5 1/4"	1 1/16"	4 3/16"	6.000	5.7656	8 3/8"	7"	1 1/4"	3 3/4"	7/16"	7/16"	15/32"	2 3/8" - 3 1/16"	3	5/8" x 2 3/4"	30
U0	4 15/16"	3/4"	4 3/16"	6.000	5.7656	8 3/8"	7"	1 1/4"	3 3/4"	7/16"	7/16"	15/32"	3 1/4" - 4 1/16"	3	5/8" x 2 3/4"	27
U1	7 1/8"	1 1/16"	6 1/16"	6.000	5.6485	8 3/8"	7"	1 1/4"	5 5/8"	7/16"	4/16"	15/32"	2 3/8" - 4 1/4"	3	5/8" x 2 3/4"	40
U2	10 1/8"	1 1/16"	9 1/16"	6.000	5.4610	8 3/8"	7"	1 1/4"	8 5/8"	7/16"	7/16"	15/32"	2 7/16" - 4 1/4"	3	5/8" x 2 3/4"	50
W1	8 1/4"	1 7/16"	6 13/16"	8.500	8.1016	12 1/2"	10"	1 1/4"	6 3/8"	7/16"	7/16"	9/16"	3 3/8" - 6 3/16"	4	3/4" x 3"	104
W2	11 1/8"	1 7/16"	9 13/16"	8.500	7.9141	12 1/2"	10"	1 1/4"	9 3/8"	7/16"	7/16"	9/16"	3 3/8" - 6 3/16"	4	3/4" x 3"	133
Y0*	11 1/8"	2"	9 1/8"	12.000	11.4688	16 1/2"	14 1/2"	2"	8 1/2"	5/8"	5/8"	5/8"	6" - 7 15/16"	4	1" x 5"	270

Split Taper Bushing



GOODWILL

Split Taper Bushing



TYPE 2

Bushing Specifications

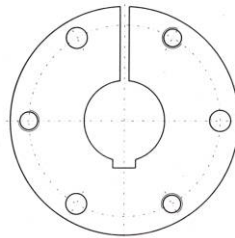
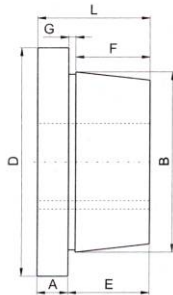
Part No.	Dimensions													Type 1 Bore Range	Cap Screws		Av. Wt. Lbs
	L	U	T	D		H	V	W	X	Y	R	S	No.		Size		
				Large End	Small End												
G	1"	1/4"	3/4"	1.172"	1.133"	2"	1 9/16"		5/8"	3/16"	1/8"	3/16"	1"	2	1/4" x 5/8"	.5	
H	1 1/4"	1/4"	1"	1.625	1.570	2 1/2"	2"		7/8"	3/16"	1/8"	3/16"	1 7/16" - 1 1/2"	2	1/4" x 3/4"	.8	
P1	1 15/16"	13/32"	1 17/32"	1.9375	1.8555	3"	2 7/16"	3/8"	1 5/16"	7/32"	7/32"	1/4"	1 1/2" - 1 3/4"	3	5/16" x 1"	1.3	
P2	2 15/16"	13/32"	2 17/32"	1.9375	1.7390	3"	2 7/16"	3/8"	2 5/16"	7/32"	7/32"	1/4"	1 1/2" - 1 3/4"	3	5/16" x 1"	1.5	
P3	4 7/16"	13/32"	4 1/32"	1.9375	1.6993	3"	2 7/16"	3/8"	3 3/16"	7/32"	7/32"	1/4"	1 5/8"	3	5/16" x 1"	2	
B	1 15/16"	1/2"	1 7/16"	2.625	2.5567	3 1/16"	3 1/8"	1/2"	1 3/16"	7/32"	1/4"	1/4"	2" - 2 7/16"	3	5/16" x 1 1/4"	1.8	
Q1	2 1/2"	17/32"	1 31/32"	2.875	2.7657	4 1/8"	3 3/8"	1/2"	1 3/4"	7/32"	7/32"	9/32"	2 1/8" - 2 11/16"	3	3/8" x 1 1/4"	3.5	
Q2	3 1/2"	17/32"	2 31/32"	2.875	2.7032	4 1/8"	3 3/8"	1/2"	2 3/4"	7/32"	7/32"	9/32"	2 1/8" - 2 5/8"	3	3/8" x 1 1/4"	4.5	
Q3	5"	17/32"	4 15/32"	2.875	2.6094	4 1/8"	3 3/8"	1/2"	4 1/4"	7/32"	7/32"	9/32"	2 1/8" - 2 1/2"	3	3/8" x 1 1/4"	5.5	
R1	2 7/8"	5/8"	2 1/4"	4.000	3.8750	5 3/8"	4 5/8"	3/4"	2"	1/4"	1/4"	9/32"	2 7/8" - 3 3/4"	3	3/8" x 1 3/4"	7.5	
R2	4 7/8"	5/8"	4 1/4"	4.000	3.7500	5 3/8"	4 5/8"	3/4"	4"	1/4"	1/4"	9/32"	2 7/8" - 3 5/8"	3	3/8" x 1 3/4"	11	
S1	4 3/8"	3/4"	3 5/8"	4.625	4.4180	6 3/8"	5 3/8"	3/4"	3 5/16"	5/16"	5/16"	3/8"	3 1/4" - 4 1/4"	3	1/2" x 2 1/4"	13.5	
S2	6 3/4"	3/4"	6"	4.625	4.2696	6 3/8"	5 3/8"	3/4"	5 11/16"	5/16"	5/16"	3/8"	3 1/4" - 4 3/16"	3	1/2" x 2 1/4"	19	
U0	5 1/4"	1 1/16"	4 3/16"	6.000	5.7656	8 3/8"	7"	1 1/4"	3 3/4"	7/16"	7/16"	15/32"	-	3	5/8" x 2 3/4"	30	
U0	4 15/16"	3/4"	4 3/16"	6.000	5.7656	8 3/8"	7"	1 1/4"	3 3/4"	7/16"	7/16"	15/32"	4 3/8" - 5 1/2"	3	5/8" x 2 3/4"	27	
U1	7 1/8"	1 1/16"	6 1/16"	6.000	5.6485	8 3/8"	7"	1 1/4"	5 5/8"	7/16"	7/16"	15/32"	4 3/8" - 5 1/2"	3	5/8" x 2 3/4"	40	
U2	10 1/8"	1 1/16"	9 1/16"	6.000	5.4610	8 3/8"	7"	1 1/4"	8 5/8"	7/16"	7/16"	15/32"	4 3/8" - 5"	3	5/8" x 2 3/4"	50	
W1	8 1/4"	1 7/16"	6 13/16"	8.500	8.1016	12 1/2"	10"	1 1/4"	6 3/8"	7/16"	7/16"	9/16"	6 1/4" - 7 7/16"	4	3/4" x 3"	104	
W2	11 1/8"	1 7/16"	9 13/16"	8.500	7.9141	12 1/2"	10"	1 1/4"	9 3/8"	7/16"	7/16"	9/16"	6 1/4" - 7 7/16"	4	3/4" x 3"	133	
Y0*	11 1/8"	2"	9 1/8"	12.000	11.4688	16 1/2"	14 1/2"	2"	8 1/2"	5/8"	5/8"	5/8"	8" - 10"	4	1" x 5"	270	

Split Taper Bushing

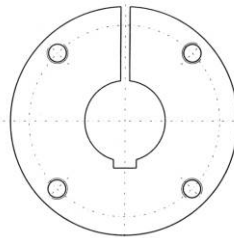


GOODWILL

Standard "QD" Bushings



**BUSHINGS
JA TO J**



**BUSHINGS
M TO W**

"QD" Bushings-Steel

- ★ F=Length of Mating Bore
- ★★ G=Gap Between QD Bushing and Mating Hub

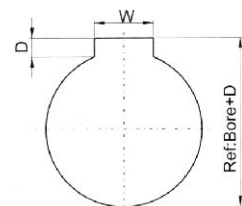
Bushing	Dimensions(Inches)								Cap Screws Required	Stock Bore Range			Average weight (Approx.)
	A	B	D	E	F ★	G ★★	L	Cap Bolt Circle		Min	Max Standard Keyway	Max Shallow Keyway	
SF-STL	9/16	3.125	4 5/8	1 1/2	1 1/4	1/8	2 1/8	3 3/8	3 3/8 X 2	1/2	2 1/16	2 13/16	3.0
E-STL	3/4	3.824	6	1 7/8	1 7/8	1/8	2 7/8	5	3 1/2 X 2 1/4	7/8	2 1/8	3 1/2	10.0
F-STL	13/16	4.437	6 7/8	2 2/16	2 1/2	3/16	3 7/8	5 1/8	3 7/8 X 3 7/8	1	3 7/16	4	11.5
J-STL	1	5.148	7 1/4	3 1/2	3 7/16	3/16	4 1/2	6 1/4	3 7/8 X 4 1/2	1 1/16	3 3/4	4 1/2	18.0
M-STL	1 1/4	6.500	9	5 1/2	5 7/16	3/16	6 1/2	7 7/8	4 7/8 X 6 7/8	2	4 1/4	5 1/2	37.0
N-STL	1 1/2	7.000	10	6 3/8	6 1/4	9/16	8 3/8	8 1/2	4 7/8 X 8 1/2	2 1/2	5 1/8	5 1/8	57.0

"QD" Bushings

Bushing	Dimensions(Inches)								Cap Screws Required	Stock Bore Range			Set Sew Size	Average weight (Approx.)
	A	B	D	E	F ★	G ★★	L	Cap Bolt Circle		Min	Max Standard Keyway	Max Shallow Keyway		
H	5/16	1.625	2 1/2	1	7/8	1/8	1 1/4	2	2- 7/8 X 7/8	1/2	1 1/4	1 1/2	7/8	.7
JA	3/8	1.375	2	1 1/16	3/16	1/8	1 1/16	1.656	3-10 X 1	3/8	1	1 1/4	10-24	.9
SH	7/16	1.871	2 11/16	7/8	1 1/16	3/16	1 1/16	2 1/2	3- 7/8 X 1 1/8	1/2	1 1/8	1 1/16	1	1
SDS	1/2	2.187	3 3/16	7/8	1 1/4	3/16	1 7/8	2 1/16	3- 7/8 X 1 1/4	1/2	1 1/16	2	1	1
SD	1/2	2.187	3 3/16	1 5/16	1 1/4	3/16	1 1/16	2 1/16	3- 7/8 X 1 1/8	1/2	1 1/16	1 1/16	1 1/2	1.5
S K	9/16	2.812	3 7/8	1 3/8	1 1/4	3/16	1 1/16	3 1/16	3- 7/8 X 2	1/2	2 1/8	2 1/2	2	2
SF	9/16	3.125	4 5/8	1 1/2	1 1/4	1/4	2 1/16	3 3/8	3- 7/8 X 2	1/2	2 1/16	2 11/16	3	3
E	3/4	3.834	6	1 7/8	1 7/8	1/16	2 1/8	5	3- 1/2 X 2 1/4	1/8	2 1/8	3 1/2	10	10
F	13/16	4.437	6 7/8	2 2/16	2 1/2	3/8	3 3/8	5 1/8	3- 7/8 X 3 3/8	1	3 3/16	3 7/16	11.5	11.5
J	1	5.148	7 1/4	3 1/2	3 7/16	3/8	4 1/2	6 1/4	3- 7/8 X 4 1/2	1 1/16	3 3/4	4 1/2	18	18
M	1 1/4	6.500	9	5 1/2	5 7/16	3/8	6 1/4	7 7/8	4- 7/8 X 6 1/4	1 1/16	4 1/4	5 1/2	37	37
N	1 1/2	7.000	10	6 3/8	6 1/4	7/8	8 3/8	8 1/2	4- 7/8 X 8 1/2	2 1/16	5 1/8	6	57	57
P	1 1/4	8.250	11 1/4	7 3/8	7 1/4	1/2	9 3/8	10	4- 1 X 9 1/2	2 1/16	5 7/16	7	120	120
W	2	10.437	15	9 3/8	9	1/2	11 3/8	12 1/4	4-1 1/8 X 11 1/2	4	7 1/2	8 1/2	250	250
S	3 1/4	12.125	17 1/4	12 1/2	12	1/2	15 1/4	15	5-1 1/2 X 15 1/2	6	8 1/2	10	400	400

Shallow Key Dimension-Standard			
Key Seat.	Key	Keyway	Key
1/4 X 1/32	1/4 X 3/32	3/4 X 1/8	3/4 X 1/2
1/4 X 1/16	1/4 X 3/16	7/8 X 1/16	7/8 X 1/2
3/8 X 1/32	3/8 X 3/32	7/8 X 3/16	7/8 X 3/8
3/8 X 1/16	3/8 X 1/4	1 X 1/8	1 X 3/8
3/8 X 3/16	3/8 X 3/16	1 1/4 X 1/4	1 1/4 X 3/8
1/2 X 1/32	1/2 X 3/32	1 1/2 X 1/8	1 1/2 X 3/8
1/2 X 1/16	1/2 X 3/16	1 1/2 X 1/4	1 1/2 X 1
1/2 X 3/16	1/2 X 3/8	1 1/2 X 3/8	1 1/2 X 1 1/4
3/4 X 1/16	3/4 X 3/16	1 1/4 X 1/4	1 1/4 X 3/8
3/4 X 3/16	3/4 X 1/2	2 X 1/4	2 X 1

Shallow Key Dimension-Steel			
Key Seat.	Key	Keyway	Key
1/4 X 1/32	1/4 X 3/32	3/4 X 1/16	3/4 X 1/16
1/4 X 1/16	1/4 X 3/16	3/4 X 1/8	3/4 X 1/2
3/8 X 1/32	3/8 X 3/32	7/8 X 1/16	7/8 X 1/2
3/8 X 1/16	3/8 X 1/4	7/8 X 3/16	7/8 X 3/8
3/8 X 3/16	3/8 X 3/16	1 X 1/8	1 X 3/8
1/2 X 1/32	1/2 X 3/32	1 1/2 X 1/4	1 1/2 X 3/8
1/2 X 1/16	1/2 X 3/16	1 1/2 X 1/4	1 1/2 X 1
1/2 X 3/16	1/2 X 3/8	1 1/4 X 1/4	1 1/4 X 3/4
3/4 X 1/16	3/4 X 3/16	1 1/4 X 3/8	1 1/4 X 1
3/4 X 3/16	3/4 X 1/2	2 X 1/4	2 X 1



ISO STANDARD METHOD FOR MEASURING KEYSEAT DEPTH
D: depth measured at centering

Standard “QD” Bushings

Standard Keyway and Key Dimension		
Bores	Keyway	Key
$\frac{7}{16}$	$\frac{3}{16} \times \frac{3}{32}$	$\frac{7}{16} \times \frac{3}{16}$
$\frac{15}{16} - 1\frac{1}{4}$	$\frac{1}{4} \times \frac{1}{8}$	$\frac{1}{4} \times \frac{1}{4}$
$1\frac{7}{16} - 1\frac{3}{4}$	$\frac{5}{16} \times \frac{3}{32}$	$\frac{7}{16} \times \frac{3}{16}$
$1\frac{7}{16} - 1\frac{7}{8}$	$\frac{3}{16} \times \frac{3}{16}$	$\frac{7}{8} \times \frac{3}{8}$
$1\frac{7}{16} - 2\frac{1}{4}$	$\frac{1}{2} \times \frac{1}{4}$	$\frac{1}{2} \times \frac{1}{2}$
$2\frac{7}{16} - 2\frac{3}{4}$	$\frac{5}{8} \times \frac{3}{16}$	$\frac{7}{8} \times \frac{3}{8}$
$2\frac{7}{16} - 3\frac{1}{4}$	$\frac{3}{4} \times \frac{1}{8}$	$\frac{7}{4} \times \frac{1}{4}$
$3\frac{7}{16} - 3\frac{3}{4}$	$\frac{7}{8} \times \frac{1}{16}$	$\frac{7}{8} \times \frac{1}{8}$
$3\frac{7}{16} - 4\frac{1}{2}$	$1 \times \frac{1}{2}$	1×1
$4\frac{7}{16} - 5\frac{1}{2}$	$1\frac{1}{4} \times \frac{1}{8}$	$1\frac{1}{4} \times 1\frac{1}{4}$
$5\frac{7}{16} - 6\frac{1}{2}$	$1\frac{1}{2} \times \frac{3}{4}$	$1\frac{1}{2} \times 1\frac{1}{2}$
$6\frac{7}{16} - 7\frac{1}{2}$	$1\frac{3}{4} \times \frac{1}{4}$	$1\frac{3}{4} \times 1\frac{3}{4}$
$7\frac{7}{16} - 9$	$2 \times \frac{3}{4}$	$2\frac{1}{2} \times 1\frac{1}{2}$
$9\frac{7}{16} - 11$	$2\frac{1}{2} \times \frac{1}{2}$	—
$11\frac{7}{16} - 13$	3×1	—

Bushing	Plain Bores Not Split
SH-STL	$\frac{1}{2}$
DS-STL	$\frac{1}{2}$
SK-STL	$\frac{1}{2}$
SF-STL	$1\frac{15}{16}$
E-STL	$\frac{7}{8} - 1\frac{15}{16}$
F-STL	$1 - 2\frac{7}{16} - 2\frac{15}{16}$
J-STL	$1\frac{7}{16} - 2\frac{15}{16}$
M-STL	$2 - 2\frac{15}{16}$
N-STL	$2\frac{7}{16} - 4\frac{15}{16}$

QD bushings made of stainless steel are available as made to order.

Inch Bore

Bushing	Bores	Keyway
JA	$\frac{3}{8} - \frac{1}{16}$	NO K.W.
	$\frac{1}{2} - 1$	STD
	$1\frac{1}{16} - 1\frac{1}{8}$	$\frac{1}{4} - \frac{1}{16}$
	$1\frac{7}{16}$	$\frac{1}{4} - \frac{1}{16}$
SH	$\frac{1}{2} - 1\frac{1}{8}$	STD
	$1\frac{1}{16} - 1\frac{1}{2}$	$\frac{3}{8} \times \frac{1}{16}$
	$1\frac{7}{16} - 1\frac{3}{8}$	$\frac{3}{8} - \frac{1}{16}$
	$1\frac{7}{16}$	NO K.W.
SDS	$\frac{1}{2} - 1\frac{1}{16}$	STD
	$1\frac{3}{4}$	$\frac{3}{8} \times \frac{1}{8}$
	$1\frac{7}{16}$	$\frac{1}{2} \times \frac{1}{8}$
	$1\frac{7}{8} - 1\frac{7}{16}$	$\frac{1}{2} \times \frac{1}{16}$
SD	2	NO K.W.
	$\frac{1}{2} - 1\frac{7}{16}$	STD
	$1\frac{1}{4}$	$\frac{3}{8} \times \frac{1}{8}$
	$1\frac{7}{16}$	$\frac{1}{2} \times \frac{1}{8}$
SK	$1\frac{1}{8}$	$\frac{1}{2} \times \frac{1}{16}$
	$1\frac{7}{16}$	$\frac{1}{2} \times \frac{1}{16}$
	$1\frac{7}{16}$	$\frac{1}{2} \times \frac{1}{16}$
	2	NO K.W.
SF	$\frac{1}{2} - 2\frac{1}{8}$	STD
	$2\frac{7}{16} - 2\frac{1}{4}$	$\frac{1}{2} \times \frac{1}{8}$
	$2\frac{7}{16} - 2\frac{1}{2}$	$\frac{3}{8} \times \frac{1}{8}$
	$2\frac{7}{16} - 2\frac{3}{8}$	NO K.W.
E	$\frac{1}{2} - 2\frac{1}{4}$	STD
	$2\frac{7}{16} - 2\frac{1}{2}$	$\frac{3}{8} \times \frac{3}{16}$
	$2\frac{7}{16} - 2\frac{3}{4}$	$\frac{3}{8} \times \frac{1}{16}$
	$2\frac{7}{16} - 2\frac{7}{8}$	$\frac{3}{8} \times \frac{1}{16}$
F	$2\frac{15}{16}$	$\frac{3}{4} \times \frac{1}{32}$
	$\frac{7}{8} - 2\frac{7}{8}$	STD
	$2\frac{7}{16} - 3\frac{1}{4}$	$\frac{3}{4} \times \frac{1}{8}$
	$3\frac{7}{8} - 3\frac{3}{4}$	$\frac{7}{8} \times \frac{1}{8}$
J	$1 - 3\frac{7}{8}$	STD
	$3\frac{3}{8} - 3\frac{7}{8}$	$\frac{7}{8} \times \frac{3}{16}$
	$3\frac{3}{8} - 3\frac{7}{8}$	$1 \times \frac{1}{8}$
	4	NO K.W.
M	$1\frac{1}{4} - 3\frac{1}{4}$	STD
	$3\frac{7}{16} - 4\frac{1}{2}$	$1 \times \frac{1}{8}$
N	$2 - 4\frac{1}{4}$	STD
	$4\frac{7}{16} - 5\frac{1}{2}$	$1\frac{1}{4} \times \frac{1}{4}$
P	$2\frac{7}{16} - 5$	STD
	$5\frac{7}{8} - 5\frac{1}{2}$	$1\frac{1}{4} \times \frac{1}{4}$
	$5\frac{7}{8} - 6$	$1\frac{1}{4} \times \frac{1}{4}$
W	$2\frac{7}{16} - 5\frac{7}{16}$	STD
	$6 - 6\frac{1}{2}$	$1\frac{1}{2} \times \frac{1}{4}$
	$6\frac{7}{16} - 7$	$1\frac{1}{4} \times \frac{1}{8}$
W	$4 - 7\frac{1}{2}$	STD
	$7\frac{7}{16} - 8\frac{1}{2}$	$2 \times \frac{1}{4}$

Keystock provided for nonstandard keyways

Inch Bore

Bushing	Bore MM	Key ★ WXT
SH	24.25	8 x 7
	28.30	
	32.35	10 x 8
SDS	24.25	
	28.30	8 x 7
	32.35	10 x 8
	38	
SD	40.42	12 x 8
	24.25	8 x 7
	28.30	
	32.35	10 x 8
	38	
SK	40.42	12 x 8
	24.25	8 x 7
	28.30	
	32.35	10 x 8
	38	
	40.42	12 x 8
SF	48.50	14 x 9
	55	16 x 10
	28.30	8 x 7
	32.35	10 x 8
	38	
	40.42	12 x 8
	48.50	14 x 9
E	55	16 x 10
	60.65	18 x 11
	70.75	20 x 12
	48.50	14 x 9
	55	16 x 10
	60.65	18 x 11
F	70.75	20 x 12
	80.85	22 x 14
	90	25 x 14
	50	14 x 9
	55	16 x 10
J	60.65	18 x 11
	70.75	20 x 12
	80.85	22 x 14
	90.95	25 x 14
	100	28 x 16
		50