New Standard Power Transmission

STL Taper Bushings

G-Yo



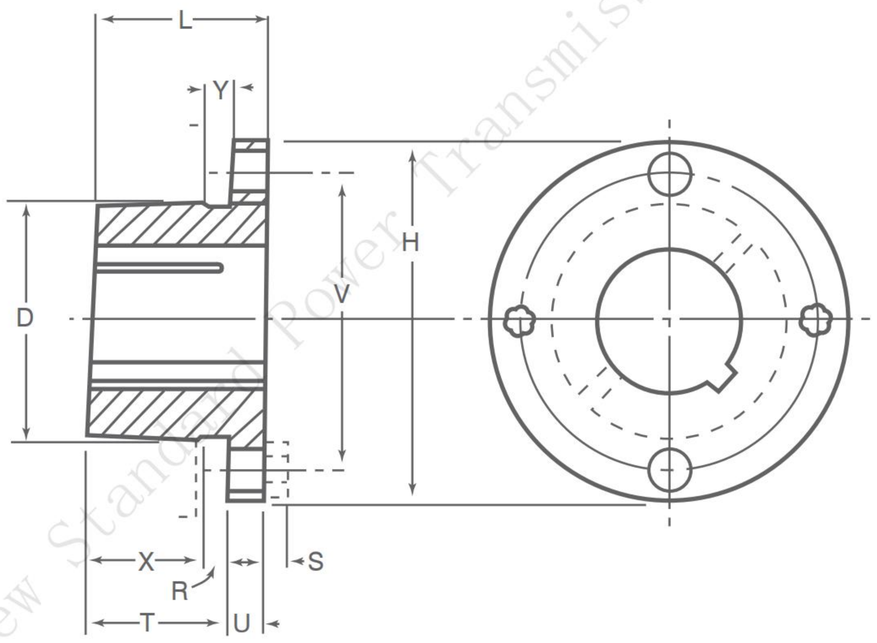
STL Taper bushings are made of tough malleable iron with indestructible keys on both shaft and hub. It has high torque carrying capacity and the external key provides enough force with no torque on the capscrews. The double split barrel assures true concentricity grips.

The standard bore sizes are from 3/8"~10".

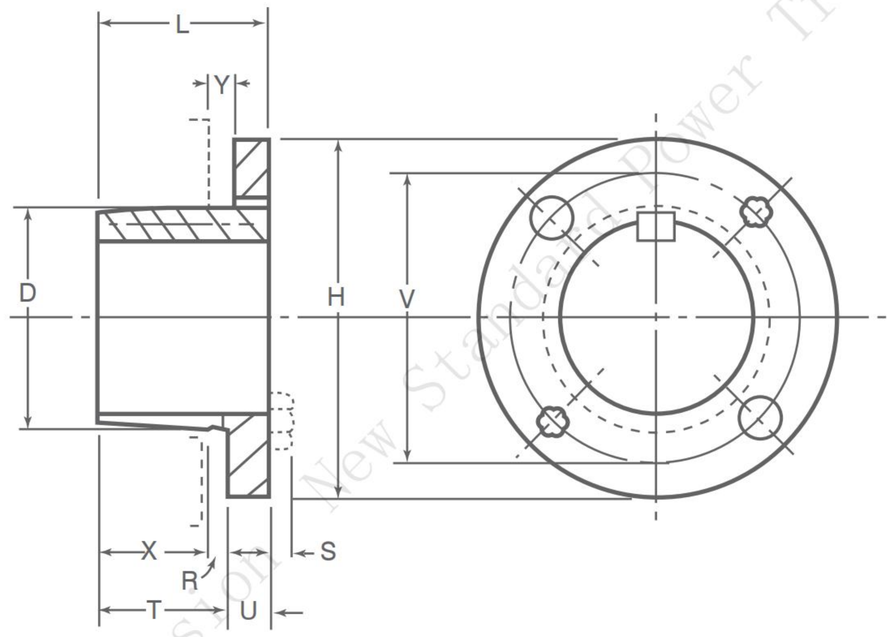


STL Taper bushing

G-H



TYPE 1



TYPE 2

TYPE 1 Bushing Specifications

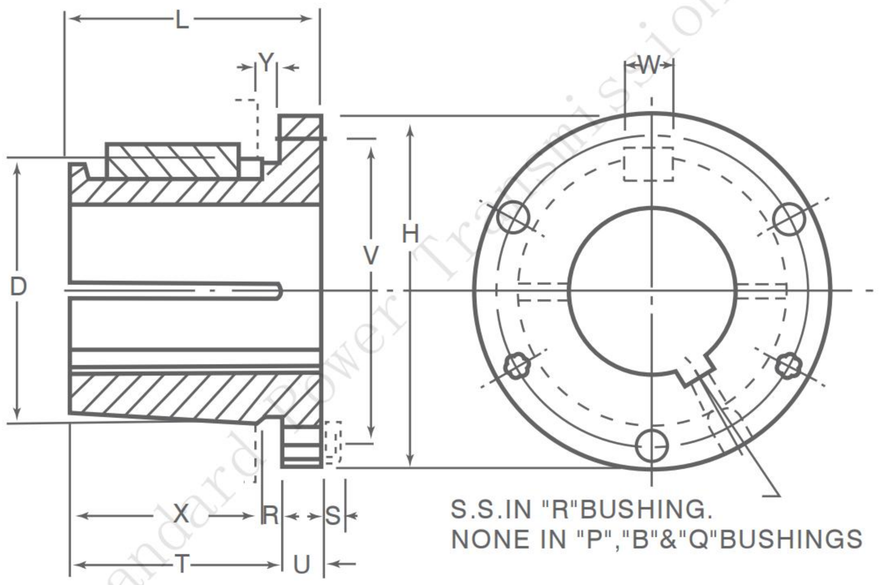
Part No.	Dimensions												Type 1 Bore Range	Cap Screws		Av. Wt. Lbs.	Wrench Torque In. -Lbs.
	L	U	T	D Large End	D Small End	H	V	W	X	Y	R	S		No.	Size		
G	1"	1/4"	3/4"	1.172"	1.133"	2"	1 9/16"	—	5/8"	3/16"	1/8"	3/16"	3/8" - 15/16"	2	1/4" x 5/8"	0.5	95
H	1 1/4	1/4	1	1.625	1.570	2 1/2	2	—	7/8	3/16	1/8	3/16	3/8 - 1 3/8	2	1/4 x 3/4	0.8	95

TYPE 2 Bushing Specifications

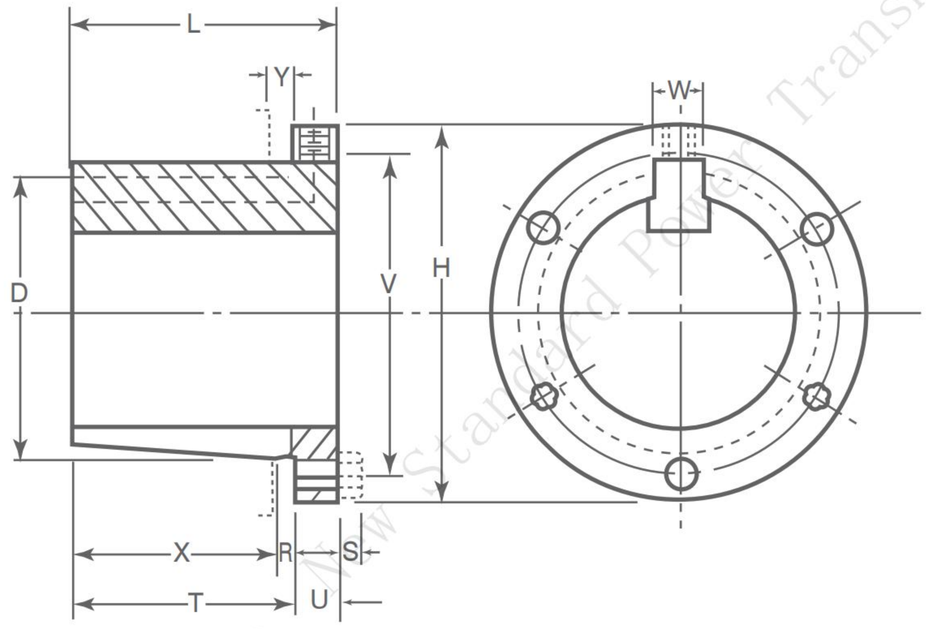
Part No.	Dimensions												Type 2 Bore Range	Cap Screws		Av. Wt. Lbs.	Wrench Torque In. -Lbs.
	L	U	T	D Large End	D Small End	H	V	W	X	Y	R	S		No.	Size		
G	1"	1/4"	3/4"	1.172"	1.133"	2"	1 9/16"	—	5/8"	3/16"	1/8"	3/16"	1"	2	1/4" x 5/8"	0.5	95
H	1 1/4	1/4	1	1.625	1.570	2 1/2	2	—	7/8	3/16	1/8	3/16	1 7/16 - 1 1/2	2	1/4 x 3/4	0.8	95

STL Taper bushing

P-R



TYPE 1



TYPE 2

TYPE 1

Bushing Specifications

Part No.	Dimensions											Type 1 Bore Range	Cap Screws		Av. Wt. Lbs.	Wrench Torque In. -Lbs.
	L	U	T	D Large End	D Small End	H	V	W	X	Y	R	S		No.	Size		
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	192
P2	2 15/16	13/32	2 17/32	1.9375	1.7930	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	192
P3	4 7/16	13/32	4 1/32	1.9375	1.6993	3"	2 7/16	3/8	3 13/16	7/32	7/32	1/4	1 1/8 - 1 3/8	3	5/16 x 1	2	192
B	1 15/16	1/2	1 7/16	2.625	2.5567	3 11/16	3 1/8	1/2	1 3/16	7/32	1/4	1/4	1/2 1 - 1 5/16	3	5/16 x 1 1/4	1.8	192
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	348
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	348
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	348
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	348
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	348

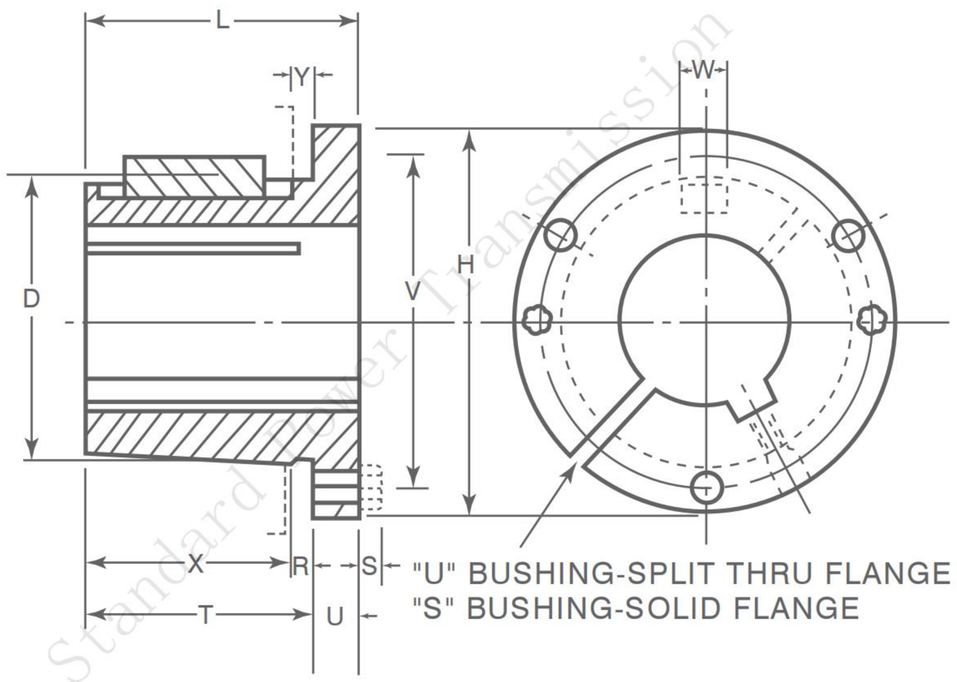
TYPE 2

Bushing Specifications

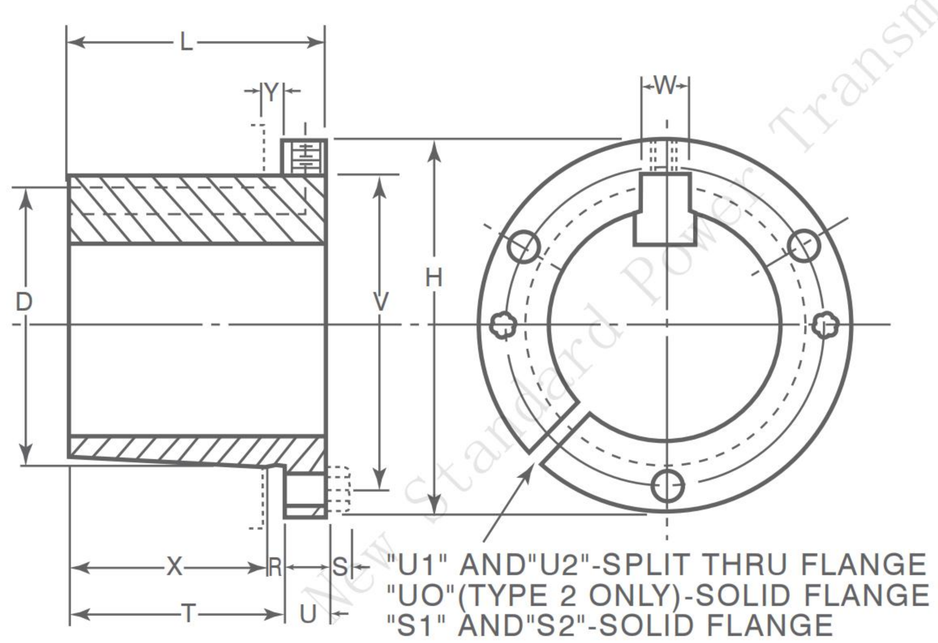
Part No.	Dimensions											Type 2 Bore Range	Cap Screws		Av. Wt. Lbs.	Wrench Torque In. -Lbs.
	L	U	T	D Large End	D Small End	H	V	W	X	Y	R	S		No.	Size		
P1	1 15/16	13/32	1 17/32	1.9375	1.8555	3	2 7/16	3/8"	1 5/16	7/32	7/32	1/4	1 1/2 - 1 3/4	3	5/16 x 1	1.3	192
P2	2 15/16	13/32	2 17/32	1.9375	1.7930	3	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	192
P3	4 7/16	13/32	4 1/32	1.9375	1.6993	3	2 7/16	3/8	3 13/16	7/32	7/32	1/4	1 5/8	3	5/16 x 1	2	192
B	1 15/16	1/2	1 7/16	2.625	2.5567	3 11/16	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	192
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	348
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	348
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	348
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	348
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	348

STL Taper bushing

S-U



TYPE 1



TYPE 2

TYPE 1 Bushing Specifications

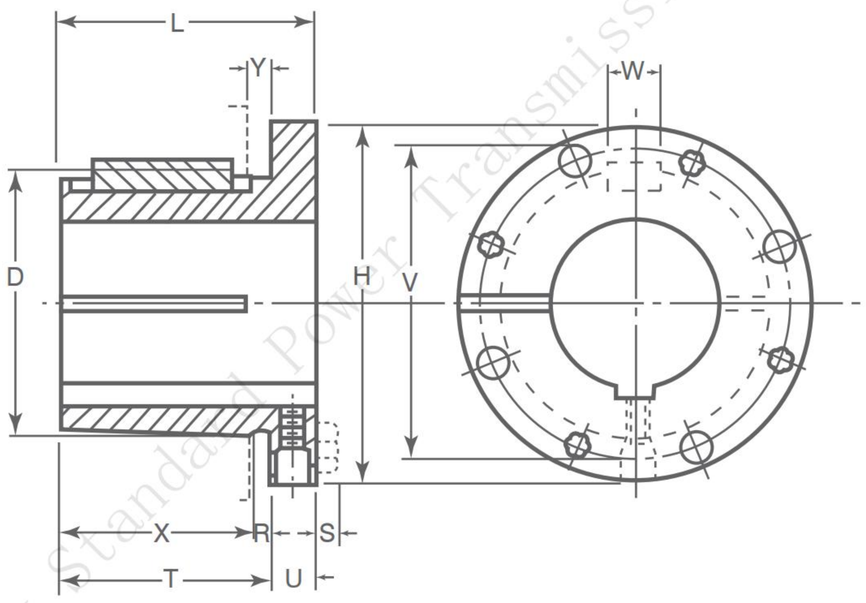
Part No.	Dimensions												Type 1 Bore Range	Cap Screws		Av. Wt. Lbs.	Wrench Torque In. -Lbs.
	L	U	T	D Large End	D Small End	H	V	W	X	Y	R	S		No.	Size		
S1	4 3/8	3/4	3 5/8	4.625	4.4180	6 3/8	5 3/8	3/4	3 5/16	5/16	5/16	3/8	1 11/16 - 3 3/16	3	1/2 x 2 1/4	13.5	840
S2	6 3/4	3/4	6"	4.625	4.2696	6 3/8	5 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	840
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	1680
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 1/4	3	5/8 x 2 3/4	27	1680
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	2 3/8 - 4 1/4	3	5/8 x 2 3/4	40	1680
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	1680

TYPE 2 Bushing Specifications

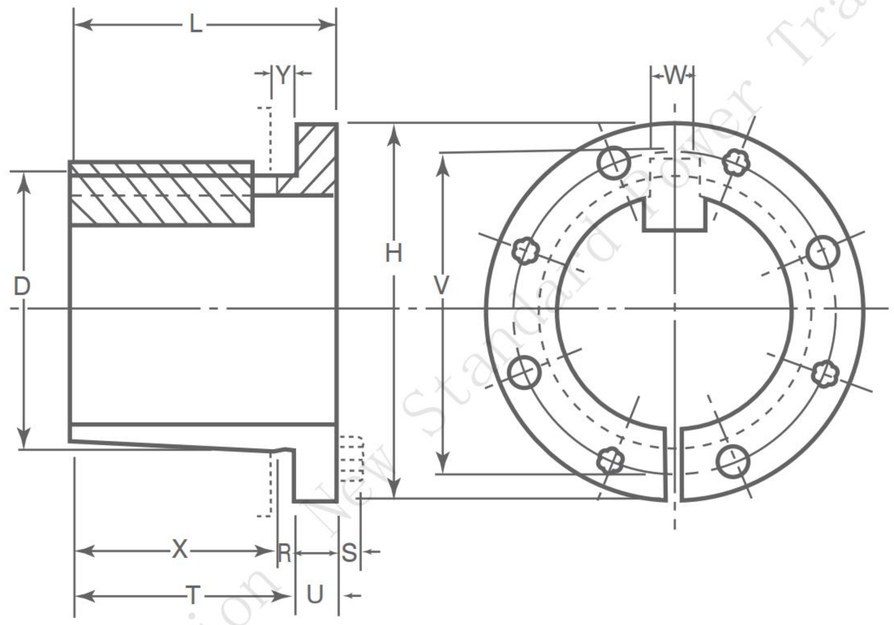
Part No.	Dimensions												Type 2 Bore Range	Cap Screws		Av. Wt. Lbs.	Wrench Torque In. -Lbs.
	L	U	T	D Large End	D Small End	H	V	W	X	Y	R	S		No.	Size		
S1	4 3/8	3/4	3 5/8	4.625	4.4180	6 3/8	5 3/8	3/4	3 5/16	5/16	5/16	3/8	3 1/4 - 4 1/4	3	1/2 x 2 1/4	13.5	840
S2	6 3/4	3/4	6	4.625	4.2696	6 3/8	5 3/8	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	840
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	1680
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	1680
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	1680
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	1680

STL Taper bushing

W-Y



TYPE 1



TYPE 2

TYPE1 Bushing Specifications

Part No.	Dimensions												Type 1 Bore Range	Cap Screws		Av. Wt. Lbs.	Wrench Torque In. -Lbs.
	L	U	T	D Large End	D Small End	H	V	W	X	Y	R	S		No.	Size		
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	3000
W2	11 1/4	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	3000
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	7200

TYPE 2 Bushing Specifications

Part No.	Dimensions												Type 2 Bore Range	Cap Screws		Av. Wt. Lbs.	Wrench Torque In. -Lbs.
	L	U	T	D Large End	D Small End	H	V	W	X	Y	R	S		No.	Size		
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	3000
W2	11 1/4	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	3000
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	7200

STL BUSHING DIMENSIONS AND RANGES FOR INNER BORES AND KEYWAY

A1

Bush	Bore	Keyway
G	3/8 7/16	None
	1/2 9/16	1/8x1/16
	5/8 11/16 3/4 13/16 7/8	3/16x3/32
	15/16 1	1/4x1/8
H	3/8 7/16	None
	1/2 9/16	1/8x1/16
	19/32 5/8 21/32 11/16 3/4 25/32 13/16 7/8	3/16x3/32
	15/16 31/32 1 1 1/16 1 1/8 1 3/16 1 1/4	1/4x1/8
△	1 5/16 1 3/8	5/16x5/32
△	1 3/8 1 7/16 1 1/2	3/8x3/16
P1	1/2 9/16	1/8x1/16
	5/8 21/32 11/16 3/4 25/32 13/16 7/8	3/16x3/32
	15/16 31/32 1 1 1/16 1 1/8 1 3/16 1 1/4	1/4x1/8
△	1 5/16 1 3/8	5/16x5/32
△	1 3/8 1 7/16 1 1/2 1 9/16 1 5/8 1 11/16 1 3/4	3/8x3/16

Bush	Bore	Keyway
P2	3/4 13/16 7/8	3/16x3/32
	15/16 1 1 1/16 1 1/8 1 3/16 1 1/4	1/4x1/8
	1 5/16 1 3/8	5/16x5/32
	1 3/8 1 7/16 1 1/2 1 9/16 1 5/8 1 11/16 1 3/4	3/8x3/16
P3	1 1/8	1/4x1/8
	1 3/8	5/16x5/32
	1 5/8	3/8x3/16
B	1/2 9/16	1/8x1/16
	5/8 11/16 3/4 13/16 7/8	3/16x3/32
	15/16 1 1 1/16 1 1/8 1 3/16 1 1/4	1/4x1/8
	1 5/16 1 3/8	5/16x5/32
	1 3/8 1 7/16 1 1/2 1 9/16 1 5/8 1 11/16 1 3/4	3/8x5/32
	1 13/16 1 7/8 1 15/16 2 2 1/16 2 1/8 2 3/16 2 1/4	1/2x1/4
Q1	2 5/16 2 3/8 2 7/16 2 1/2	5/8x5/16
	2 9/16 2 5/8 2 11/16 2 3/4	3/4x3/8
	2 13/16 2 7/8 2 15/16 3 3 1/8 3 3/16 3 1/4	7/8x7/16
	3 3/8 3 7/16 3 1/2 3 5/8 3 11/16 3 3/4	1x1/2

Bush	Bore	Keyway
Q1	3 7/8 3 15/16 4 4 1/8 4 3/16 4 1/4	1 1/4x1/4
Q2	15/16 1 1 1/16 1 1/8 1 3/16 1 1/4	1/4x1/4
	1 5/16 1 3/8	5/16x5/32
	1 7/16 1 1/2 1 9/16 1 5/8 1 11/16 1 3/4	3/8x3/16
	1 13/16 1 7/8 1 15/16 2 2 1/16 2 1/8 2 3/16 2 1/4	1/2x1/4
	2 5/16 2 3/8 2 7/16 2 1/2 2 9/16 2 5/8 2 11/16 2 3/4	5/8x5/16
	2 13/16 2 7/8 2 15/16 3 3 1/8 3 3/16 3 1/4	3/4x3/8
	3 3/8 3 7/16 3 1/2 3 5/8 3 11/16 3 3/4	7/8x7/16
	3 7/8 3 15/16 4 4 1/8 4 3/16	1x1/2
Q3	1 1 1/16 1 1/8 1 3/16 1 1/4	1/4x1/8
	1 5/16 1 3/8	5/16x5/32
	1 7/16 1 1/25 1 9/16 1 5/8 1 11/16 1 3/4	3/8x3/16
	1 13/16 1 7/8 1 15/16 2 2 1/16 2 1/8 2 3/16 2 1/4	1/2x1/4
	2 5/16 2 3/8 2 7/16 2 1/2 2 11/16 2 5/8	5/8x5/16
	1 1/8 1 3/16 1 1/4	1/4x1/8
	1 5/16 1 3/8	5/16x5/32
	1 7/16 1 1/2 1 9/16 1 5/8 1 11/16 1 3/4	3/8x3/16
	1 13/16 1 7/8 1 15/16 2 2 1/16 2 1/8 2 3/16 2 1/4	1/2x1/4
R1	2 5/16 2 3/8 2 7/16 2 1/2 2 9/16 2 5/8 2 11/16 2 3/4	5/8x5/16
	2 13/16 2 7/8 2 15/16 3 3 1/8 3 3/16 3 1/4	3/4x3/8
	3 3/8 3 7/16 3 1/2 3 5/8	7/8x7/16

Bush	Bore	Keyway
R2	1 3/8	5/16x5/32
	1 7/16 1 1/2 1 9/16 1 5/8 1 11/16 1 3/4	3/8x3/16
	1 13/16 1 7/8 1 15/16 2 2 1/16 2 1/8 2 3/16 2 1/4	1/2x1/4
	2 5/16 2 3/8 2 7/16 2 1/2 2 9/16 2 5/8 2 11/16 2 3/4	5/8x5/16
	2 13/16 2 7/8 2 15/16 3 3 1/8 3 3/16 3 1/4	3/4x3/8
	3 3/8 3 7/16 3 1/2 3 5/8	7/8x7/16
S1	1 11/16 1 3/4	3/8x3/16
	1 7/8 1 15/16 2 2 1/16 2 1/8 2 3/16 2 1/4	1/2x1/4
	2 5/16 2 3/8 2 7/16 2 1/2 2 9/16 2 5/8 2 11/16 2 3/4	5/8x5/16
	2 7/8 2 15/16 3 3 1/8 3 3/16 3 1/4	3/4x3/8
	3 3/8 3 7/16	7/8x7/16

Bush	Bore	Keyway
S1	1 3/8	5/16x5/32
	1 7/16 1 1/2 1 9/16 1 5/8 1 11/16 1 3/4	3/8x3/16
	1 13/16 1 7/8 1 15/16 2 2 1/16 2 1/8 2 3/16 2 1/4	1/2x1/4
	2 5/16 2 3/8 2 7/16 2 1/2 2 9/16 2 5/8 2 11/16 2 3/4	5/8x5/16
	2 7/8 2 15/16 3 3 1/8 3 3/16 3 1/4	3/4x3/8
	3 3/8 3 7/16 3 1/2 3 5/8	7/8x7/16
S2	1 7/8 1 15/16 2 2 1/16 2 1/8 2 3/16 2 1/4	1/2x1/4
	2 5/16 2 3/8 2 1/16 2 1/2 2 9/16 2 5/8 2 11/16 2 3/4	5/8x5/16
	2 13/16 2 7/8 2 15/16 3 3 1/8 3 3/16 3 1/4	3/4x3/8
	3 3/8 3 7/16 3 1/2 3 5/8 3 11/16 3 3/4	7/8x7/16
	3 7/8 3 15/16 4 4 1/8 4 3/16	1x1/2
U0	2 3/8 2 7/16 2 1/2 2 9/16 2 5/8 2 11/16 2 3/4	5/8x5/16
	2 7/8 2 15/16 3 3 1/8 3 3/16 3 1/4	3/4x3/8
	3 3/8 3 7/16 3 1/2 3 5/8	7/8x7/16

STL BUSHING DIMENSIONS AND RANGES FOR INNER BORES AND KEYWAY

A2

Bush	Bore	Keyway
U0	3 11/16 3 3/4	7/8x7/16
	3 7/8 3 15/16 4 4 1/8 4 3/16 4 1/4 4 3/8 4 7/16 4 1/2	1x1/2
	4 5/8 4 11/16 4 3/4 4 7/8 4 15/16 5 5 1/8 5 3/16 5 1/4 5 3/8 5 7/16 5 1/2	1 1/4x5/8
U1	2 3/8 2 7/16 2 1/2 2 9/16 2 5/8 2 11/16 2 3/4	5/8x5/16
	2 13/16 2 7/8 2 15/16 3 3 1/8 3 3/16 3 1/4	3/4x3/8
	3 3/8 3 7/16 3 1/2 3 5/8 3 11/16 3 3/4	7/8x7/16
	3 13/16 3 7/8 3 15/16 4 4 1/8 4 3/16 4 1/4 4 3/8 4 7/16 4 1/2	1x1/2
	4 5/8 4 11/16 4 3/4 4 7/8 4 15/16 5	1 1/4x5/8

Bush	Bore	Keyway
U1	5 5 1/8 5 3/16 5 1/4 5 3/8 5 7/16 5 1/2	1 1/4x5/8
U2	2 7/16 2 1/2 2 9/16 2 5/8 2 11/16 2 3/4	5/8x5/16
	2 13/16 2 7/8 2 15/16 3 3 1/8 3 3/16 3 1/4	3/4x3/8
	3 3/8 3 7/16 3 1/2 3 5/8 3 11/16 3 3/4	7/8x7/16
	3 7/8 3 15/16 4 4 1/8 4 3/16 4 1/4 4 3/8 4 7/16 4 1/2	1x1/2
	4 5/8 4 11/16 4 3/4 4 7/8 4 15/16 5	1 1/4x5/8
W1	4 5/8 4 11/16 4 3/4 4 7/8 4 15/16 5 5 1/8 5 3/16 5 1/4 5 3/8 5 7/16 5 1/2	1 1/4x5/8
	5 5/8 5 3/4 5 7/8 5 15/16 6 6 1/8 6 3/16 6 1/4 6 3/8 6 7/16 6 1/2	1 1/2x3/4
	6 5/8 6 3/4 6 7/8 6 15/16 7 7 1/8 7 3/16 7 1/4 7 3/8 7 7/16	1 3/4x3/4

Bush	Bore	Keyway
W2	5 7/16 5 1/2	1 1/4x5/8
	5 5/8 5 3/4 5 7/8 5 15/16 6 6 1/8 6 3/16 6 1/4 6 3/8 6 7/16 6 1/2	1 1/2x3/4
	6 5/8 6 3/4 6 7/8 6 15/16 7 7 1/8 7 3/16 7 1/4 7 3/8 7 7/16	1 3/4x3/4

STOCK MILLIMETER BORE BUSHINGS

G	10 11 12	None
	14 16	5x2.5
	18 19 20 22	6x3
	24 25	8x3.5
H	10 11 12	None
	14 16	5x2.5
	18 19 20 22	6x3
	24 25 28 30	8x3.5
	32 35 36 38	10x4
	39 40 42	12x4
	45 48 50	14x4.5
	55	16x5
	60	18x5.5

Bush	Bore	Keyway
P1	14 15 16	5x2.5
	18 19 20 22	6x3
	24 25 28 30	8x3.5
	32 35 36 38	10x4
	39 40 42	12x4
	45 48 50	14x4.5
	55	16x5
	60	18x5.5
	15 16	5x2.5
	18 19 20 22	6x3
B	24 25 28 30	8x3.5
	32 35 36 38	10x4
	39 40 42	12x4
	45 48 50	14x4.5
	55	16x5
	60	18x5.5
	18 19 20 22	6x3
Q1	24 25 28 30	8x3.5
	32 35 36 38	10x4
	39 40 42	12x4
	45 48 50	14x4.5

Bush	Bore	Keyway
P1	55	16x5
	60 65	18x5.5
	70 75	20x6
	80 85	22x7
	90 95	25x7
R1	28 30	8x3.5
	32 35 36 38	10x4
	39 40 42	12x4
	45 48 50	14x4.5
	55	16x5
	60 65	18x5.5
	70 75	20x6
	80 85	22x7
	90	25x7
R2	35 36 38	10x4
	39 40 42	12x4
	45 48 50	14x4.5
	55	16x5
	60 65	18x5.5
	70 75	20x6
	80 85	22x7
	90	25x7