



QD Bushings - Dimensions (inches)

Bushing	A	B	D	E	L	Ø d bolt Required	Cap Screws Grade 5		Set Screw Size
							Qty.	Size	
JA	5/16	1.375	2	11/16	1	1 21/32	3	10 x 1	-
SH	7/16	1.871	2 11/16	7/8	1 5/16	2 1/4	3	1/4 x 1 3/8	1/4
SDS	7/16	2.187	3 1/8	7/8	1 5/16	2 11/16	3	1/4 x 1 3/8	1/4
SD	7/16	2.187	3 1/8	1 3/8	1 13/16	2 11/16	3	1/4 x 1 7/8	1/4
SK	9/16	2.812	3 7/8	1 3/8	1 15/16	3 5/16	3	5/16 x 2	5/16
SF	5/8	3.125	4 5/8	1 7/16	2 1/16	3 7/8	3	3/8 x 2	3/8
E	7/8	3.834	6	1 7/8	2 3/4	5	3	1/2 x 2 3/4	3/8
F	1	4.437	6 5/8	2 3/4	3 3/4	5 5/8	3	9/16 x 3 5/8	1/2
J	1 1/8	5.148	7 1/4	3 1/2	4 5/8	6 1/4	3	5/8 x 4 1/2	5/8
M	1 1/4	6.500	9	5 1/2	6 3/4	7 7/8	4	3/4 x 6 3/4	3/4
N	1 1/2	7.000	10	6 5/8	8 1/8	8 1/2	4	7/8 x 8	3/4
P	1 3/4	8.250	11 3/4	7 5/8	9 3/8	10	4	1 x 9 1/2	3/4
W	2	10.437	15	9 3/8	11 3/8	12 3/4	4	1 1/8 x 11 1/2	3/4

Note: All bushings include a set screw over the keyway (except JA).

Bushing	Bore Range-inch	Key Seat-inch	Wt.
JA	1/2, 9/16.....	1/8 x 1/16	.50
	5/8, 11/16, 3/4, 13/16, 7/8.....	3/16 x 3/32	.45
	15/16, 1.....	1/4 x 1/8	.35
	1 1/16, 1 1/8, 1 3/16.....	1/4 x 1/16 *	.35
	1 1/4.....	No Key	.30
SH	1/2, 9/16.....	1/8 x 1/16	1.20
	5/8, 11/16, 3/4, 13/16, 7/8.....	3/16 x 3/32	1.20
	15/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4.....	1/4 x 1/8	.95
	1 1/4†, 1 5/16, 1 3/8.....	5/16 x 5/32	.80
	1 7/16, 1 1/2, 1 9/16, 1 5/8.....	3/8 x 1/16 *	.75
	1 11/16.....	No Key	.60
SDS	1/2, 9/16.....	1/8 x 1/16	1.70
	5/8, 11/16, 3/4, 13/16, 7/8.....	3/16 x 3/32	1.65
	7/8†, 15/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4.....	1/4 x 1/8	1.45
	1 1/4†, 1 5/16, 1 3/8.....	5/16 x 5/32	1.30
	1 3/8†, 1 7/16, 1 1/2, 1 9/16, 1 5/8, 1 11/16.....	3/8 x 3/16	1.10
	1 3/4.....	3/8 x 1/8 *	1.00
	1 13/16.....	1/2 x 1/8 *	1.00
	1 7/8, 1 15/16.....	1/2 x 1/16 *	.90
	2.....	No Key	.80
SD	1/2, 9/16.....	1/8 x 1/16	2.00
	5/8, 11/16, 3/4, 13/16, 7/8.....	3/16 x 3/32	2.00
	15/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4.....	1/4 x 1/8	1.80
	1 1/4†, 1 5/16, 1 3/8.....	5/16 x 5/32	1.60
	1 3/8†, 1 7/16, 1 1/2, 1 9/16, 1 5/8, 1 11/16.....	3/8 x 3/16	1.40
	1 3/4.....	3/8 x 1/8 *	1.20
	1 13/16.....	1/2 x 1/8 *	1.20
	1 7/8, 1 15/16.....	1/2 x 1/16 *	1.00
	2.....	No Key	.80
SK	1/2, 9/16.....	1/8 x 1/16	3.80
	5/8, 11/16, 3/4, 13/16, 7/8.....	3/16 x 3/32	3.75
	15/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4.....	1/4 x 1/8	3.50
	1 1/4†, 1 5/16, 1 3/8.....	5/16 x 5/32	3.25
	1 5/16†, 1 3/8†, 1 7/16, 1 1/2, 1 9/16, 1 5/8,	3/8 x 3/16	3.00
	1 11/16, 1 3/4, 1 7/8+.....	3/8 x 3/16	2.75
	1 3/4†, 1 13/16, 1 7/8, 1 15/16, 2, 2 1/16, 2 1/8.....	1/2 x 1/4	2.40
	2 3/16, 2 1/4.....	1/2 x 1/8 *	2.00
	2 1/4†, 2 5/16, 2 3/8, 2 7/16, 2 1/2.....	5/8 x 1/16 *	1.75
	2 9/16, 2 5/8.....	No Key	1.20

Bushing	Bore Range-inch	Key Seat-inch	Wt.
SF	1/2, 9/16.....	1/8 x 1/16	5.45
	5/8, 3/4, 7/8.....	3/16 x 3/32	5.25
	15/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4.....	1/4 x 1/8	5.00
	1 5/16, 1 3/8.....	5/16 x 5/32	4.80
	1 3/8†, 1 7/16, 1 1/2, 1 9/16, 1 5/8,	3/8 x 3/16	4.50
	1 11/16, 1 3/4.....	3/8 x 3/16	4.25
	1 13/16, 1 7/8, 1 15/16, 2, 2 1/16.....	1/2 x 1/4	4.00
	2 1/8, 2 3/16, 2 1/4.....	1/2 x 1/4	3.55
	2 1/4†.....	5/8 x 5/16	3.50
	2 5/16, 2 3/8, 2 7/16, 2 1/2.....	5/8 x 3/16 *	3.30
	2 9/16, 2 5/8, 2 11/16, 2 3/4.....	5/8 x 1/16 *	2.80
	2 13/16, 2 7/8.....	3/4 x 1/16 *	2.45
	2 15/16.....	No Key	2.30
E	7/8, 15/16.....	3/16 x 3/32	11.45
	1, 1 1/8, 1 3/16, 1 1/4.....	1/4 x 1/8	11.30
	1 5/16, 1 3/8.....	5/16 x 5/32	11.00
	1 3/8†, 1 7/16, 1 1/2, 1 9/16, 1 5/8,	3/8 x 3/16	10.60
	1 11/16, 1 3/4.....	3/8 x 3/16	10.30
	1 13/16, 1 7/8, 1 15/16, 2, 2 1/16,	1/2 x 1/4	9.80
	2 1/8, 2 3/16, 2 1/4.....	1/2 x 1/4	9.30
	2 1/4†, 2 5/16, 2 3/8, 2 7/16, 2 1/2,	5/8 x 5/16	8.70
	2 9/16, 2 5/8, 2 11/16, 2 3/4.....	5/8 x 5/16	8.00
	2 13/16, 2 7/8, 2 15/16, 3, 3 1/8, 3 3/16, 3 1/4... ..	3/4 x 1/8 *	7.00
	3 5/16, 3 3/8, 3 7/16, 3 1/2.....	7/8 x 1/16 *	5.80

Note: JA, SH, SDS, SD, SK, SF, E, F, J & M Bushings are machined out of ductile iron.

* Shallow Keyseat - Keystock supplied with bushing

† Oversize Key

+ Undersize Key

Note: A rectangular key is supplied with bushings that have shallow keyseats. This key will fit the standard depth keyseat on the shaft and the shallow keyseat on the bushing.

Ordering Example: (JA1.1/16)

Bushing	Bore Range-inch	Key Seat-inch	Wt.	
F	1, 1 1/8, 1 3/16, 1 1/4.....	1/4 x 1/8	18.60	
	1 3/8.....	5/16 x 5/32	18.60	
	1 7/16, 1 1/2, 1 9/16, 1 5/8, 1 11/16, 1 3/4.....	3/8 x 3/16	18.00	
	1 13/16, 1 7/8, 1 15/16, 2, 2 1/16.....	1/2 x 1/4	16.80	
	2 1/8, 2 3/16, 2 1/4.....	1/2 x 1/4	16.00	
	2 1/4†, 2 5/16, 2 3/8, 2 7/16, 2 1/2, 2 9/16.....	5/8 x 5/16	15.50	
	2 5/8, 2 11/16, 2 3/4.....	5/8 x 5/16	14.20	
	2 13/16, 2 7/8, 2 15/16, 3, 3 1/8, 3 3/16, 3 1/4...	3/4 x 3/8	12.50	
	3 5/16, 3 3/8, 3 7/16, 3 1/2, 3 5/8, 3 11/16.....	7/8 x 3/16 *	10.50	
	3 3/4.....	7/8 x 3/16 *	9.80	
	3 7/8, 3 15/16.....	1 x 1/8 *	9.00	
	4.....	No Key	7.90	
	J	1 7/16, 1 1/2, 1 11/16, 1 3/4.....	3/8 x 3/16	28.00
		1 7/8, 1 15/16, 2, 2 1/16, 2 1/8, 2 3/16, 2 1/4....	1/2 x 1/4	26.50
2 5/16, 2 3/8, 2 7/16, 2 1/2, 2 5/8.....		5/8 x 5/16	24.50	
2 11/16, 2 3/4.....		5/8 x 5/16	23.50	
2 7/8, 2 15/16, 3, 3 1/8, 3 3/16, 3 1/4.....		3/4 x 3/8	21.50	
3 5/16, 3 3/8, 3 7/16, 3 1/2.....		7/8 x 7/16	19.50	
3 5/8, 3 11/16, 3 3/4.....		7/8 x 7/16	17.80	
3 13/16, 3 7/8, 3 15/16.....		1 x 3/8 *	17.50	
4, 4 1/8, 4 3/16, 4 1/4, 4 3/8, 4 7/16, 4 1/2.....		1 x 1/8 *	14.00	
M		1 15/16, 2, 2 3/16, 2 1/4.....	1/2 x 1/4	61.50
		2 3/8, 2 7/16, 2 1/2, 2 5/8, 2 11/16, 2 3/4.....	5/8 x 5/16	57.00
	2 7/8, 2 15/16, 3, 3 1/8, 3 3/16, 3 1/4.....	3/4 x 3/8	53.50	
	3 3/8, 3 7/16, 3 1/2, 3 5/8, 3 11/16, 3 3/4.....	7/8 x 7/16	50.00	
	3 13/16, 3 7/8, 3 15/16, 4, 4 1/8, 4 3/16, 4 1/4,..	1 x 1/2	45.00	
	4 3/8, 4 7/16, 4 1/2.....	1 x 1/2	40.00	
	4 5/8, 4 11/16, 4 3/4.....	1 1/4 x 5/8	37.00	
	4 7/8, 4 15/16, 5, 5 3/16, 5 1/4, 5 3/8, 5 7/16.....	1 1/4 x 1/4 *	34.00	
	5 1/2.....	1 1/4 x 1/4 *	28.70	
	N	2 15/16, 3, 3 1/4.....	3/4 x 3/8	80.00
3 3/8, 3 7/16, 3 1/2.....		7/8 x 7/16	76.50	
3 5/8, 3 3/4.....		7/8 x 7/16	73.50	
3 7/8, 3 15/16, 4, 4 3/16, 4 1/4, 4 3/8, 4 7/16.....		1 x 1/2	68.00	
4 1/2.....		1 x 1/2	63.00	
4 5/8, 4 3/4, 4 7/8, 4 15/16, 5.....		1 1/4 x 5/8	58.00	
5 3/16, 5 1/4, 5 7/16, 5 1/2.....		1 1/4 x 1/4 *	53.00	
5 7/8.....		1 1/2 x 1/4 *	44.00	
6.....		1 1/2 x 1/8 *	44.00	
P	3 3/4.....	7/8 x 7/16	97.00	
	3 15/16, 4 7/16, 4 1/2.....	1 x 1/2	122.00	
	4 7/8, 4 15/16, 5, 5 7/16, 5 1/2.....	1 1/4 x 5/8	115.00	
	5 15/16.....	1 1/2 x 3/4	95.00	
	6, 6 7/16.....	1 1/2 x 1/4 *	95.00	
	6 3/4, 7.....	1 3/4 x 1/8 *	97.00	
W	5 3/4, 6, 6 1/2.....	1 1/2 x 3/4	190.00	
	6 3/4, 7, 7 1/4, 7 1/2.....	1 3/4 x 7/8	200.00	
	7 3/4, 8, 8 1/2.....	2 x 1/4 *	198.00	

Note: JA, SH, SDS, SD, SK, SF, E, F, J & M Bushings are machined out of ductile iron.

Bushing	Bore Range-mm	Key Seat-mm	Wt.
JA	15, 16	5 x 2.3	.50
	19, 20, 22	6 x 2.8	.40
	24, 25, 28	8 x 3.3	.40
SH	15	5 x 2.3	1.20
	20, 22	6 x 2.8	1.15
	24, 25	8 x 3.3	1.00
	28, 30	8 x 3.3	.95
	32, 35	10 x 3.3	.80
	38	10 x 2.8	.70
	SDS	15	5 x 2.3
20		6 x 2.8	1.50
24, 25, 28, 30		8 x 3.3	1.50
32, 35, 38		10 x 3.3	1.30
40, 42		12 x 3.3	1.10
SD	24, 25, 28, 30	8 x 3.3	1.80
	32, 35, 38	10 x 3.3	1.60
	40, 42	12 x 3.3	1.30
SK	14	5 x 2.3	3.80
	20	6 x 2.8	3.30
	24, 25, 28, 30	8 x 3.3	3.50
	32, 35, 38	10 x 3.3	3.20
	40, 42	12 x 3.3	3.00
	45, 48, 50	14 x 3.8	2.50
	55	16 x 4.3	2.10
SF	28, 30	8 x 3.3	5.00
	32, 35, 38	10 x 3.3	4.70
	40, 42	12 x 3.3	4.50
	45, 48, 50	14 x 3.8	4.00
	55	16 x 4.3	3.60
E	60, 65	18 x 4.4	3.00
	35, 38	10 x 3.3	10.90
	40, 42	12 x 3.3	10.50
	45, 48, 50	14 x 3.8	10.00
	55	16 x 4.3	9.30
F	60, 65	18 x 4.4	8.60
	70, 75	20 x 4.9	7.50
	80	22 x 4.4	6.50
	42	12 x 3.3	17.80
	45, 48, 50	14 x 3.8	17.10
J	55	16 x 4.3	26.20
	60, 65	18 x 4.8	24.50
	70, 75	20 x 4.9	22.90
	80, 85	22 x 5.4	20.80
	90, 95	25 x 5.4	18.00
	100	28 x 6.4	18.20
M	80	22 x 5.4	54.40
	90	25 x 5.4	50.80
	100	28 x 6.4	46.00
	120	32 x 7.4	37.40
N	90	25 x 5.4	72.30
	100, 110	28 x 6.4	72.30
	115, 120	32 x 7.4	59.75
P	120	32 x 7.4	100.00
	150	36 x 8.4	95.80

Ordering Example: (JA15MM) or (E35MM)

* Shallow Keyseat - (Ductile Iron) Keystock supplied with bushing
 † Oversize Key

Note: A rectangular key is supplied with bushings that have shallow keyseats. This key will fit the standard depth keyseat on the shaft and the shallow keyseat on the bushing.

Ordering Example: (F1) or (F1.1/8) or (N5.7/8)