



Table No.1 Bushing Specifications

Bushing	Bore Range	Dimensions							Capscrews			Torque Capacity In.-Lbs	Wrench Torque Ft .Lbs.	Average Weight Lbs.
		D	L	A	B	C	E	F	No.	Size	Bolt Circle			
JA	1/2"-1 1/4"	2"	1"	1/2"	1.375"	3/16"	11/16"	5/16"	3	10-24x1	1 21/32"	1000	6	0.4
SH	1/2-1 5/8	2 11/16	1 5/16	21/32	1.871	7/32	7/8	7/16	3	1/4-20x1 3/8	2 1/4	3500	9	1.0
SDS	1/2-2	3 1/8	1 5/16	21/32	2.1875	7/32	7/8	7/16	3	1/4-20x1 3/8	2 11/16	5000	9	1.3
SD	1/2-2	3 1/8	1 13/16	1 5/32	2.1875	7/32	1 3/8	7/16	3	1/4-20x1 7/8	2 11/16	5000	9	1.6
SK	1/2-2 5/8	3 7/8	1 15/16	1 5/32	2.8125	7/32	1 3/8	9/16	3	5/16-18x2	3 5/16	7000	15	3.5
SF	1/2-2 15/16	4 5/8	2 1/16	1 7/32	3.125	7/32	1 7/16	5/8	3	3/8-16x2	3 7/8	11000	30	4.8
E	7/8-3 1/2	6	2 3/4	1 19/32	3.834	9/32	1 7/8	7/8	3	1/2-13x2 3/4	5	20000	60	11
F	1-4	6 5/8	3 5/8	2 13/32	4.4375	11/32	2 3/4	7/8	3	9/16-12x3 5/8	5 5/8	30000	75	15.4
J	1 1/2-4 1/2	7 1/4	4 5/8	3 3/16	5.1484	5/16	3 1/2	1 1/8	3	5/8-11x4 1/2	6 1/4	45000	135	25.3
M	2-5 1/2	9	6 3/4	5 1/8	6.5	3/8	5 1/2	1 1/4	4	3/4-10x6 3/4	7 7/8	85000	225	51
N	2 7/16-5 7/8	10	8 1/8	6 3/16	7	7/16	6 5/8	1 1/2	4	7/8-9x8	8 1/2	150000	300	66
P	2 15/16-7	11 3/4	9 3/8	7 1/8	8.25	1/2	7 5/8	1 3/4	4	1-8x9 1/2	10	250000	450	122

NOTE:All Bushings shown except JA have setscrew over Keyway.

Table No.2

Stock Inch Bore Bushings

Stock Bores	Keyseat	JA	SH	SDS	SD	SK	SF	E	F	J
3/8	None	078221	-	-	-	-	-	-	-	-
7/16	None	029307	036573	-	-	-	-	-	-	-
1/2	1/8x1/16	029237	036439	035998	035812	036607	036177	-	-	-
9/16	1/8x1/16	029314	036580	045484	035972	045296	036365	-	-	-
5/8	3/16x3/32	029300	036567	036143	045466	045552	045508	-	027387	-
11/16	3/16x3/32	029243	036445	036006	035817	036614	045488	-	-	-
3/4	3/16x3/32	029291	036540	036115	035926	036742	036313	-	-	-
13/16	3/16x3/32	029257	036478	036039	035857	036652	036219	-	-	-
7/8	3/16x3/32	029308	036576	036147	035966	036781	036362	027030	-	-
15/16	1/4x1/8	029262	036492	036060	035879	036673	036238	026838	-	-
1	1/4x1/8	029260	036490	045471	035877	036670	036235	026837	027243	081652
1 1/16	1/4x1/8	029242 *	036444	036005	035816	036613	045487	026810	027220	-
1 1/8	1/4x1/8	029249 *	036464	036023	035837	036635	036204	026817	027226	-
1 3/16	1/4x1/8	029256 *	036477	036038	035856	036651	036218	026828	083119	-
1 1/4	1/4x1/8	029246 ▲	036457	036018	035831	036628	036196	026816	027224	029065
1 5/16	5/16x5/32	-	036491	036059	035878	036672	036237	051820	083121	-
1 5/16*	3/8x3/16	-	-	083110	083112	083114	083115	083117	083120	-
1 3/8	5/16x5/32	-	036482	036055	035870	036666	036231	026835	027237	-
1 3/8*	3/8x3/16	-	-	083111	083113	036664	083116	083118	083122	-
1 7/16	3/8x3/16	-	036506 *	036072	035893	036680	036244	026841	027259	029081
1 1/2	3/8x3/16	-	036450 *	036013	035824	036617	036188	026812	027221	029061
1 9/16	3/8x3/16	-	045531 *	036081	035901	036691	036250	026847	083123	083126
1 5/8	3/8x3/16	-	036497 *	036066	035885	036675	036239	026839	027246	083127
1 11/16	3/8x3/16	-	045527 ▲	036028 *	035843 *	036640	036208	026820	027228	029069
Stock Bores	Keyseat	SDS	SD	SK	SF	E	F	J	M	N
1 3/4	3/8x3/16	036045 *	035863 *	036656	036224	026831	027235	083128	-	-
1 13/16	1/2x1/4	036032 *	045453 *	036644	036211	026823	083124	083129	-	-
1 7/8	1/2x1/4	036077 *	035897 *	036685	045498	046572	027262	029083	-	-
1 15/16	1/2x1/4	036034 *	035851 *	036647	036213	046568	027229	080063	CP030580	-
2	1/2x1/4	036097 ▲	045459 ▲	036720	036287	026906	027306	029114	CP030648	-
2 1/16	1/2x1/4	-	-	036699	036257	026873	027281	083130	CP071629	-
2 1/8	1/2x1/4	-	-	036707	036267	026883	027288	029096	CP046180	-
2 3/16	1/2x1/4	-	-	036713 *	036277	026896	027297	029107	CP030620	-
2 1/4	1/2x1/4	-	-	036704 *	036263	026879	027285	029094	CP030611	-
2 5/16	5/8x5/16	-	-	036724 *	036290 *	026908	027308	083131	CP071630	-
2 3/8	5/8x5/16	-	-	036717 *	036284 *	046581	027302	029111	CP030622	-
2 7/16	5/8x5/16	-	-	036732 *	036296 *	026954	027315	046245	CP030629	CP081372
2 1/2	5/8x5/16	-	-	036701 *	036260 *	026876	027283	029091	CP046179	CP083133
2 9/16	5/8x5/16	-	-	036737 ▲	036306 *	077123	083125	083132	CP071631	CP083134
2 5/8	5/8x5/16	-	-	036726 ▲	036293 *	046582	027310	029116	CP030626	CP083135

▲ "Stock Bore with No Keyway.

*" Stock Bore with Shallow Keyway;Shallow Key is furnished to fit standard keyseat.

Table No.3 Stock Inch Bore Bushings

Stock Bores	Keyseat	SF	E	F	J	M	N	P
2 11/16	5/8x5/16	036270 *	026886	027290	029099	030615	083154	-
2 3/4	5/8x5/16	036281 *	026900	027299	029109	030621	083155	-
2 13/16	3/4x3/8	036272 *	026890	083137	084211	071632	083156	-
2 7/8	3/4x3/8	036299 *	026958	046629	046247	030631	083157	-
2 15/16	3/4x3/8	045504 *	026891 *	027293	029103	030619	046100	083188
3	3/4x3/8	-	026988 *	027362	029154	030714	032121	083189
3 1/16	3/4x3/8	-	083136 *	027337	083139	071633	083158	083190
3 1/8	3/4x3/8	-	026979 *	027344	029134	046186	083159	083191
3 3/16	3/4x3/8	-	026982 *	027353	029144	030674	083160	083192
3 1/4	3/4x3/8	-	026977 *	046633	046250	046099	083161	083193
3 5/16	7/8x7/16	-	077295 *	027363 *	029155	052016	083162	083194
3 3/8	7/8x7/16	-	026985 *	027358 *	029151	030681	083163	083195
3 7/16	7/8x7/16	-	026994 *	027370 *	029163	030694	078236	083196
3 1/2	7/8x7/16	-	026973 *	027339 *	046249	046185	032116	083197
3 9/16	7/8x7/16	-	-	027376 *	083140	071634	083164	083198
3 5/8	7/8x7/16	-	-	027366 *	029158	030685	083165	083199
3 11/16	7/8x7/16	-	-	027346 *	083141	030668	078237	083200
3 3/4	7/8x7/16	-	-	027356 *	029147	030677	032117	083201
3 13/16	7/8x7/16	-	-	083138 *	083142	-	083166	083202
3 7/8	1x1/2	-	-	027373 *	029166 *	030698	083167	083203
3 15/16	1x1/2	-	-	027347 *	029140 *	030673	083168	083204
4	1x1/2	-	-	027380 ▲	029187 *	030796	078715	083205

Stock Bores	Keyseat	J	M	N	P
4 1/16	1x1/2	083143 *	083145	083169	083206
4 1/8	1x1/2	029179 *	030729	083170	083207
4 3/16	1x1/2	078007 *	030771	074439	083208
4 1/4	1x1/2	029177 *	030725	080064	051798
4 5/16	1x1/2	083144 *	083146	083171	083209
4 3/8	1x1/2	029184 *	030779	083172	083210
4 7/16	1x1/2	046255 *	030786	051206	083211
4 1/2	1x1/2	029175 *	030721	032124	032998
4 9/16	1x1/2	-	083147	083173	083212
4 5/8	1 1/4x5/8	-	083148	032129	083213
4 11/16	1 1/4x5/8	-	083149	083174	083214
4 3/4	1 1/4x5/8	-	030775 *	032128	083215
4 13/16	1 1/4x5/8	-	071635 *	083175	083216
4 7/8	1 1/4x5/8	-	030790 *	032133	084212
4 15/16	1 1/4x5/8	-	030768 *	032126	084213
5	1 1/4x5/8	-	030809 *	083176	050469
5 1/16	1 1/4x5/8	-	083150 *	083177	083217
5 1/8	1 1/4x5/8	-	083151 *	083178 *	083218
5 3/16	1 1/4x5/8	-	030804 *	083179 *	083219
5 1/4	1 1/4x5/8	-	046194 *	083180 *	083220
5 5/16	1 1/4x5/8	-	083152 *	083181 *	083221
5 3/8	1 1/4x5/8	-	083153 *	032137 *	083222
5 7/16	1 1/4x5/8	-	046195 *	032140 *	083223
5 1/2	1 1/4x5/8	-	030802 *	032135 *	033056

Stock Bores	Keyseat	N	P
5 9/16	1 1/2x3/4	083182 *	083224
5 5/8	1 1/2x3/4	083183 *	083225
5 11/16	1 1/2x3/4	083184 *	083226
5 3/4	1 1/2x3/4	083185 *	083227
5 13/16	1 1/2x3/4	083186 *	083228
5 7/8	1 1/2x3/4	083187 *	083229
5 15/16	1 1/2x3/4	-	083230
6	1 1/2x3/4	-	033152 *
6 1/16	1 1/2x3/4	-	083231 *
6 1/8	1 1/2x3/4	-	083232 *
6 3/16	1 1/2x3/4	-	083233 *
6 1/4	1 1/2x3/4	-	083234 *
6 5/16	1 1/2x3/4	-	083235 *
6 3/8	1 1/2x3/4	-	083236 *
6 7/16	1 1/2x3/4	-	083237 *
6 1/2	1 1/2x3/4	-	083238 *
6 9/16	1 3/4x3/4	-	083239 *
6 5/8	1 3/4x3/4	-	083240 *
6 11/16	1 3/4x3/4	-	083241 *
6 3/4	1 3/4x3/4	-	083242 *
6 13/16	1 3/4x3/4	-	083243 *
6 7/8	1 3/4x3/4	-	083244 *
6 15/16	1 3/4x3/4	-	083245 *
7	1 3/4x3/4	-	083246 *

▲ "Stock Bore with No Keyway.

** "Stock Bore with Shallow Keyway; Rectangular Key is furnished to fit standard keyseat.

Table No.4 Stock Millimeter Bore Bushings

Stock Bores	Keyseat (millimeters)	JA	SH	SDS	SD	SK	SF	E	F	J	M	N
14	5×2.3	029261	051819	036058	084216	036671	036236	-	-	-	-	-
15	5×2.3	079888	045537	036070	036175	084221	084225	-	-	-	-	-
16	5×2.3	029266	036505	036071	084217	084222	084226	-	-	-	-	-
17	5×2.3	029268	079889	084215	084218	084223	084227	-	-	-	-	-
18	6×2.8	084214	036512	036080	084219	051566	084228	-	-	-	-	-
19	6×2.8	029270	036515	036084	084220	084224	084229	-	-	-	-	-
20	6×2.8	029279	036526	036094	035912	036698	084230	-	-	-	-	-
22	6×2.8	029281	036528	036096	050854	051821	084231	-	-	-	-	-
24	8×3.3	046270	045532	036099	035913	036723	036289	-	-	-	-	-
25	8×3.3	029284	036534	036103	035917	036730	079890	-	-	-	-	-
28	8×3.3	-	036537	036108	035921	036736	036305	-	-	-	-	-
30	8×3.3	-	036549	036121	035932	036747	036318	-	-	-	-	-
32	10×3.3	-	036552	036122	035934	036749	036321	-	-	-	-	-
35	10×3.3	-	036557	036127	035811	036752	036326	026993	-	-	-	-
38	10×3.3	-	-	036130	035942	036755	036330	071891	046636	-	-	-
40	12×3.3	-	-	036133	035947	036760	036332	027006	-	-	-	-
42	12×3.3	-	-	036137	035952	036766	036336	027010	-	-	-	-
45	14×3.8	-	-	-	-	036769	036339	027013	046638	-	-	-
48	14×3.8	-	-	-	-	036772	036343	027014	027384	-	-	-
50	14×3.8	-	-	-	-	036775	036349	027019	066603	079105	-	-
55	16×4.3	-	-	-	-	036778	036355	027022	074573	081885	-	-
60	18×4.4	-	-	-	-	-	036359	027024	027396	059292	-	-
65	18×4.4	-	-	-	-	-	-	027029	027403	081884	-	-
70	20×4.9	-	-	-	-	-	-	027036	027407	072979	-	-
75	20×4.9	-	-	-	-	-	-	027041	027413	046260	CP056405	-
80	22×5.4	-	-	-	-	-	-	-	027417	029201	071596	051328
85	22×5.4	-	-	-	-	-	-	-	027433	029205	059108	084232
90	25×5.4	-	-	-	-	-	-	-	027434	029209	030913	072621
95	25×5.4	-	-	-	-	-	-	-	-	029211	056601	032146
100	28×6.4	-	-	-	-	-	-	-	-	029053	051419	052128
105	28×6.4	-	-	-	-	-	-	-	-	-	074593	084233
110	28×6.4	-	-	-	-	-	-	-	-	-	030578	032096
115	32×7.4	-	-	-	-	-	-	-	-	-	030581	084234
120	32×7.4	-	-	-	-	-	-	-	-	-	071597	078136
125	32×7.4	-	-	-	-	-	-	-	-	-	050027	081683
130	32×7.4	-	-	-	-	-	-	-	-	-	030588	032097
135	36×8.4	-	-	-	-	-	-	-	-	-	-	052166
140	36×8.4	-	-	-	-	-	-	-	-	-	-	074076

QD Bushings