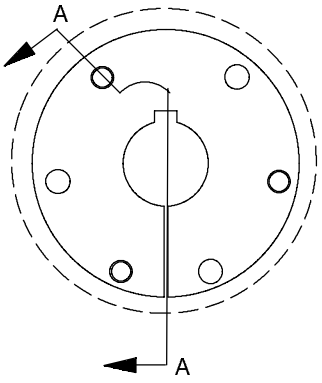
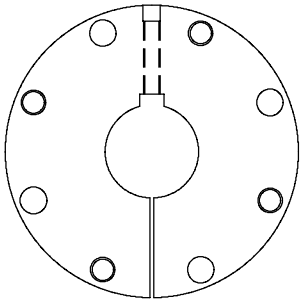
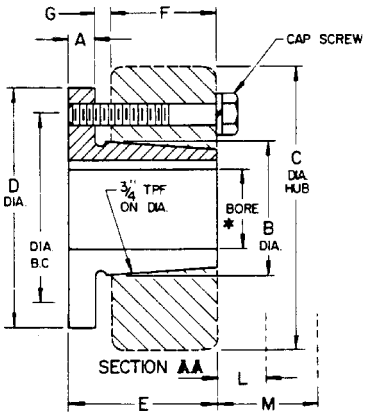
QD Bushing Dimensions



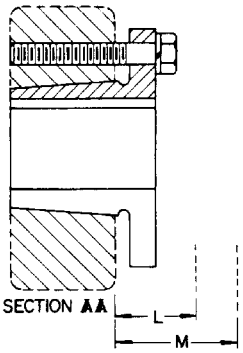
Sizes JA -- J



Sizes M – W



CONVENTIONAL MOUNTING



REVERSE MOUNTING

QD BUSHING RATINGS AND DIMENSIONS

Bush. Symb.	Ratings (Lb-in)	Bore Range				Dimensions							
	Bush. Torque Cap.*	Min.	Max. Bore for: Full KW	Shallow KW	No KW	A	B Dia.	C Hub Dia. CI 30 Iron	C Hub Dia. Steel	D Dia.	E	F	G
H	1,000	3/8	1-1/4	1-1/2	1-9/16	0.25	1.625	3.00	2.375	2.50	1.25	0.87	0.12
JA	1,000	1/2	1	1-3/16	1-1/4	0.31	1.38	3.93	2.25	2.00	1.00	0.56	0.12
SH	3,500	1/2	1-3/8	1-5/8	1-11/16	0.43	1.88	4.75	3.00	2.63	1.31	0.81	0.12
SDS	5,000	1/2	1-5/8	1-15/16	2	0.43	2.18	4.75	3.50	3.18	1.31	0.75	0.12
SD	5,000	1/2	1-5/8	1-15/16	2	0.43	2.18	3.81	3.50	3.18	1.81	1.25	0.12
SK	7,000	1/2	2-1/8	2-1/2	2-5/8	0.56	2.81	4.75	4.50	3.88	1.93	1.25	0.22
SF	11,000	1/2	2-5/16	2-15/16	...	0.63	3.13	6.38	5.50	4.63	2.06	1.25	0.22
E	20,000	7/8	2-7/8	3-1/2	...	0.88	3.83	7.50	6.50	6.00	2.75	1.63	0.25
F	30,000	1	3-1/4	3-15/16	4	1.00	4.43	7.75	7.25	6.63	3.75	2.50	0.34
J	45,000	1-1/2	3-3/4	4-1/2	...	1.13	5.14	9.00	8.00	7.25	4.63	3.18	0.38
M	85,000	2	4-3/4	5-1/2	...	1.25	6.50	11.38	10.00	9.00	6.75	5.18	0.41
N	150,000	2-7/16	5	6	...	1.50	7.00	12.00	...	10.00	8.12	6.25	0.56
P	250,000	2-15/16	5-15/16	7	...	1.75	8.25	14.00	...	11.75	9.38	7.25	0.63
W	375,000	4	7-1/2	8-1/2	...	2.00	10.42	17.00	...	15.00	11.38	9.00	0.50
S	625,000	5-1/2	9	10	...	2.75	12.13	19.00	...	17.75	15.25	12.00	0.75

* Torque ratings apply when bushing installation screws are tightened to listed torque. Important: Do not over-torque screws. This can lead to hub damage.

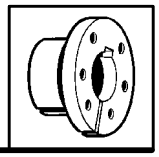
INSTALLATION INFORMATION

Bush. Sym.	Installation Screws				Required Wrench Clearance							
					Conventional Mounting				Reverse Mounting			
	B. C. Dia.	Qty.	Size	Screw Torque*	L-Install #	L-Install @	M-Remove #	M-Remove @	L-Install #	L-Install @	M-Remove #	M-Remove @
H	2.00	2	1/4-20 x 7/8	90	0.31	2.43	1.03	3.15	1.03	3.15	1.46	3.58
JA	1.65	3	10-24 x 1	54	0.41	2.53	1.13	3.25	1.13	3.25	1.56	3.68
SH	2.25	3	1/4 x 1-3/8	108	0.59	2.66	1.56	3.63	1.56	3.63	2.13	4.18
SDS	2.69	3	1/4 x 1-3/8	108	0.59	2.66	1.56	3.63	1.56	3.63	2.13	4.18
SD	2.69	3	1/4 x 1-7/8	108	0.66	2.72	2.06	4.13	2.06	4.13	2.63	4.68
SK	3.31	3	5/16 x 2	180	0.78	2.72	2.25	4.25	2.31	4.31	2.38	5.00
SF	3.88	3	3/8 x 2	360	0.91	2.91	2.38	4.36	2.43	4.43	3.32	5.31
E	5.00	3	1/2 x 2-3/4	720	1.25	3.19	3.13	5.06	3.18	5.13	4.43	6.38
F	5.63	3	9/16 x 3-5/8	900	1.28	3.10	4.13	5.94	4.18	6.00	5.50	7.31
J	6.25	3	5/8 x 4-1/2	1,620	1.41	3.22	4.94	6.75	3.93	5.75	5.50	7.31
M	7.88	4	3/4 x 6-3/4	2,700	2.16	4.03	7.69	9.56	...	...	...	...
N	8.50	4	7/8 x 8	3,600	2.28	...	9.25	...	...	...	...	...
P	10.00	4	1 x 9-1/2	5,400	3.13	...	10.88	...	...	...	...	...
W	12.75	4	1-1/8 x 11-1/2	7,200	3.88	...	13.38	...	...	...	...	...
S	15.00	5	1-1/4 x 15	9,000	3.75	...	16.50	...	...	...	...	...

\# Using Open-End Wrench * Lb -- in

QD STOCK SIZES PAGES PT6–15, NO TAG	QD METRIC BORES, REBORABLES PAGE PT6–18	QD HUBS PAGE PT6–22	T-L BUSHINGS, HUBS PAGES PT6–2-PT6–12

DODGE®



QD Bushings - Stock Sizes

STOCK QD BUSHINGS WITH FINISHED BORE AND STANDARD KEYWAY

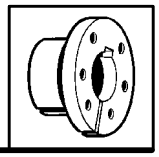
Bush. Sym./ Avg. Wt..	Bore ★	Part No.	Bushing Keyway	Shaft Keyseat (Ref.)
H .9 Lbs.	3/8	121129	None	None
	7/16	121130		
	1/2	121131	1/8 x 1/16	1/18 x 1/16
	9/16	121133		
	5/8	122050	3/16 x 3/32	3/16 x 3/32
	11/16	121134		
	3/4	122051		
	13/16	121136		
	7/8	122052		
	15/16	121138	1/4 x 1/8	1/4 x 1/8
	1	122053		
	1-1/16	121140		
	1-1/8	122054		
	1-3/16	122055		
	1-1/4	122056		
	1-5/16	121144	5/16 x 1/16 ▲	5/16 x 7/32
	1-3/8	121145		
	1-7/16	121146	3/8 x 1/16#	3/8 x 1/4
	1-1/2■	121147		
JA .4 Lbs.	1/2	120332	1/8 x 1/16	1/8 x 1/16
	9/16	120333		
	5/8	120334	3/16 x 3/32	3/16 x 3/32
	11/16	120335		
	3/4	120336		
	13/16	120337		
	7/8	120338		
	15/16	120339	1/4 x 1/8	1/4 x 1/8
	1	120340		
	1-1/16	120341	1/4 x 1/16▲	1/4 x 1/8
	1-1/8	120342		
	1-3/16	120343		
	1-1/4	120344	None	None
SH .9 Lbs.	1/2	120345	1/8 x 1/16	1/8 x 1/16
	9/16	120346		
	5/8	120347	3/16 x 3/32	3/16 x 3/32
	11/16	120348		
	3/4	120349		
	13/16	120350		
	7/8	120351		
	15/16	120352	1/4 x 1/8	1/4 x 1/8
	1	120353		
	1-1/16	120354		
	1-1/8	120355		
	1-3/16	120356		
	1-1/4	120357		

▲ Key furnished for these sizes only
★ Bores not listed will be priced on application
■ Ductile Iron

Bush. Sym./ Avg. Wt..	Bore ★	Part No.	Bushing Keyway	Shaft Keyseat (Ref.)
SH .9 Lbs. (Con't)	1-5/16	120358	5/16 X 5/32	5/16 X 5/32
	1-3/8	120359		
	1-7/16	120360	3/8 X 1/16 ▲	3/8 X 3/16
	1-1/2	120361		
	1-9/16	120362		
	1-5/8	120363		
	1-11/16	120580	None	None
SDS 1.3 Lbs.	1/2	120388	1/8 x 1/16	1/8 x 1/16
	9/16	120389		
	5/8	120390	3/16 x 3/32	3/16 x 3/32
	11/16	120391		
	3/4	120392		
	13/16	120393		
	7/8	120394		
	15/16	120395	1/4 x 1/8	1/4 x 1/8
	1	120396		
	1-1/16	120397		
	1-1/8	120398		
	1-3/16	120399		
	1-1/4	120400		
	1-5/16	120401	5/16 x 5/32	5/16 x 5/32
	1-3/8	120402		
	1-7/16	120403	3/8 x 3/16	3/8 x 3/16
	1-1/2	120404		
	1-9/16	120405		
	1 -5/8	120406		
	1-11/16	120407	3/8 x 1/8▲	3/8 x 3/16
	1-3/4	120408		
	1-13/16	120409	1/2 x 1/16▲	1/2 x 1/4
	1-7/8	120410		
	1-15/16	102411		
	2	120412	None	None
SD 1.6 Lbs.	1/2	120364	1/8 x 1/16	1/8 x 1/16
	9/16	120365		
	5/8	120366	3/16 x 3/32	3/16 x 3/32
	11/16	120367		
	3/4	120368		
	13/16	120369		
	7/8	120370		
	15/16	120371	1/4 x 1/8	1/4 x 1/8
	1	120372		
	1-1/16	120373		
	1-1/8	120374		
	1-3/16	120375		
	1-1/4	120376		
	1-5/16	120377	5/16 x 5/32	5/16 x 5/32
	1-3/8	120378		
	1-7/16	120379	3/8 x 3/16	3/8 x 3/16
	1-1/2	120380		
	1-9/16	120381		
	1-5/8	120382		

Bush. Sym./ Avg. Wt..	Bore ★	Part No.	Bushing Keyway	Shaft Keyseat (Ref.)
SD 1.6 Lbs (con't)	1-11/16	120383	3/8 x 3/16	3/8 x 3/16
	1-3/4	120384	3/8 x 1/8▲	3/8 x 3/16
	1-13/16	120385	1/2 x 1/16▲	1/2 x 1/4
	1-7/8	120386		
	1-15/16	120387		
	2	120581	None	None
SK 2.7 Lbs.	1/2	120413	1/8 x 1/16	1/8 x 1/16
	5/8	120415	3/16 x 3/32	3/16 x 3/32
	11/16	120416		
	3/4	120417		
	13/16	120418		
	7/8	120419		
	15/16	120420	1/4 x 1/8	1/4 x 1/8
	1	120421		
	1-1/6	120422		
	1-1/8	120423		
	1-3/16	120424		
	1-1/4	120425		
	1-15/16	120426	5/16 x 5/32	5/16 x 5/32
	1-3/8	120427		
	1-7/16	120428	3/8 x 3/16	3/8 x 3/16
	1-1/2	120429		
	1-9/16	120430		
	1-5/8	120431		
	1-11/16	120432		
	1-3/4	120433		
	1-13/16	120434	1/2 x 1/4	1/2 x 1/4
	1-7/8	120435		
	1-15/16	120436		
	2	120437		
	2-1/16	120438		
	2-1/8	120439		
	2-3/16	120440	1/2 x 3/16▲	1/2 x 1/4
	2-1/4	120441		
	2-5/16	120442	5/8 x 1/16▲	5/8 x 5/16
	2-3/8	120443		
	2-7/16	120444		
	2-1/2	120445		
	2-5/8	120447	None	None
SF 3.8 Lbs.	1/2	120448	1/8 x 1/16	1/8 x 1/16
	5/8	120450	3/16 x 3/32	3/16 x 3/32
	11/16	120451		
	3/4	120452		
	13/16	120453		
	7/8	120454		
	15/16	120455	1/4 x 1/8	1/4 x 1/8
	1	120456		
	1-1/8	120458		
	1-3/16	120459		
	1-1/4	120460		
	1-5/16	120461	5/16 x 5/32	5/16 x 5/32

QD DIMENSIONS PAGES PT6–14	QD METRIC BORES, REBORABLES PAGE PT6–18	QD HUBS PAGE PT6–22	T-L BUSHINGS, HUBS PAGES PT6–2-PT6–12



QD Bushings - Stock Sizes

STOCK QD BUSHINGS WITH FINISHED BORE AND STANDARD KEYWAY

Bush. Sym./ Avg. Wt..	Bore ★	Part No.	Bushing Keyway	Shaft Keyseat (Ref.)
SF 3.8 Lbs. (Con't)	1-3/8	120462	5/16 x 5/32	5/16 x 5/32
	1-7/16	120463	3/8 x 3/16	3/8 x 3/16
	1-1/2	120464		
	1-9/16	120465		
	1-5/8	120466		
	1-11/16	120467		
	1-3/4	120468		
	1-13/16	120469	1/2 x 1/4	1/2 x 1/4
	1-7/8	120470		
	1-15/16	120471		
	2	120472		
	2-1/16	120473		
	2-1/8	120474		
	2-3/16	120475		
	2-1/4	120476		
	2-5/16	120477	5/8 x 5/16	5/8 x 5/16
	2-3/8	120478	5/8 x 3/16▲	5/8 x 5/16
	2-7/16	120479		
	2-1/2	120592		
	2-5/8	120482	5/8 x 1/16▲	5/8 x 5/16
	2-11/16	120483		
	2-3/4	120484		
	2-13/16	120485	3/4 x 1/16▲	3/4 x 3/8
	2-7/8	120486	3/4 x 1/32▲	3/4 x 3/8
	2-15/16	120487		
E 9 Lbs.	7/8	120488	3/16 x 3/32	3/16 x 3/32
	1	120490	1/4 x 1/8	1/4 x 1/8
	1-1/8	120492		
	1-3/16	120493		
	1-1/4	120494		
	1-5/16	120495	5/16 x 5/32	5/16 x 5/32
	1-3/8	120496		
	1-7/16	120497	3/8 x 3/16	3/8 x 3/16
	1-1/2	120498		
	1-5/8	120500		
	1-11/16	120501		
	1-3/4	120502		
	1-7/8	120504	1/2 x 1/4	1/2 x 1/4
	1-15/16	120505		
	2	120506		
	2-1/16	120507		
	2-1/8	120508		
	2-3/16	120509		
	2-1/4	120510		
	2-5/16	120511	5/8 x 5/16	5/8 x 5/16
	2-3/8	120512		
	2-7/16	120513		
	2-1/2	120514		
	2-5/8	120516		
	2-11/16	120517		
	2-3/4	120518		
	2-7/8	120520	3/4 x 3/8	3/4 x 3/8

▲ Key furnished for these sizes only
★ Bores not listed will be priced on application
■ Ductile Iron

Bush. Sym./ Avg. Wt..	Bore ★	Part No.	Bushing Keyway	Shaft Keyseat (Ref.)
E 9 Lbs. (con't)	2-15/16	120521	3/4 x 1/8▲	3/4 x 3/8
	3	120522		
	3-1/8	120524		
	3-3/16	120525	3/4 x 1/8▲	3/4 x 1/8
	3-1/4	120526		
	3-5/16	120527	7/8 x 1/8▲	7/8 x 7/16
	3-3/8	120528	7/8 x 1/16▲	7/8 x 7/16
	3-7/16	120529		
	3-1/2	120530		
F 14 Lbs.	1	120531	1/4 x 1/8	1/4 x 1/8
	1-1/8	120533		
	1-3/16	120534		
	1-1/4	120535		
	1-3/8	120537	5/16 x 5/32	5/16 x 5/32
	1-7/16	120538	3/8 x 1/16	3/8 x 3/16
	1-1/2	120539		
	1-5/8	120541		
	1-11/16	120542		
	1-3/4	120543		
	1-13/16	120544	1/2 x 1/4	1/2 x 1/4
	1-7/8	120545		
	1-15/16	120546		
	2	120547		
	2-1/8	120549		
	2-3/16	120550		
	2-1/4	120551		
	2-5/16	120552	5/8 x 5/16	5/8 x 5/16
	2-3/8	120553		
	2-7/16	120554		
	2-1/2	120555		
	2-5/8	120557		
	2-11/16	120558		
	2-3/4	120559		
	2-13/16	120560	3/4 x 3/8	3/4 x 3/8
	2-7/8	120561		
	2-15/16	120562		
	3	120563		
	3-1/8	120565		
	3-3/16	120566		
	3-1/4	120567		
	3-3/8	120569	7/8 x 3/16▲	7/8 x 7/16
	3-7/16	120570		
	3-1/2	120571		
	3-5/8	120573		
	3-11/16	120574		
	3-3/4	120575		
	3-7/8	120577	1 x 1/8▲	1 x 1/2
	3-15/16	120578		
	4	120579	None	None
J 21 Lbs.	1-1/2	120600	3/8 x 3/16	3/8 x 3/16
	1-5/8	120601		
	1-3/4	120603		
	1-7/8	120604	1/2 x 1/4	1/2 x 1/4
	1-15/16	120605		
	2	120606		

Bush. Sym./ Avg. Wt..	Bore ★	Part No.	Bushing Keyway	Shaft Keyseat (Ref.)
J 21 Lbs (Con't)	2-1/8	120607	1/2 x 1/4	1/2 x 1/4
	2-3/16	120608		
	2-1/4	120609		
	2-3/8	120610	5/8 x 5/16	5/8 x 5/16
	2-7/16	120611		
	2-1/2	120612		
	2-5/8	120613		
	2-11/16	120614		
	2-3/4	120615		
	2-7/8	120617	3/4 x 3/8	3/4 x 3/8
	2-15/16	120618		
	3	120619		
	3-1/8	120620		
	3-3/16	120621		
	3-1/4	120622		
	3-3/8	120623	7/8 x 7/16	7/8 x 7/16
	3-7/16	120624		
	3-1/2	120625		
	3-5/8	120626		
	3-11/16	120627		
	3-3/4	120628		
	3-7/8	120629	1 x 1/8▲	1 x 1/2
	3-15/16	120630		
	4	120631		
	4-1/8	120632		
	4-3/16	120633		
	4-1/4	120634		
	4-3/8	120635		
	4-7/16	120636		
	4-1/2	120637		
M 46 Lbs.	2	119900	1/2 x 1/4	1/2 x 1/4
	2-1/8	119901		
	2-3/16	119902		
	2-1/4	119903		
	2-3/8	119904	5/8 x 5/16	5/8 x 5/16
	2-7/16	119905		
	2-1/2	119906		
	2-5/8	119907		
	2-3/4	119908		
	2-7/8	119909	3/4 x 3/8	3/4 x 3/8
	2-15/16	119910		
	3	119911		
	3-1/8	119912		
	3-3/16	119913		
	3-1/4	119914		
	3-3/8	119915	7/8 x 7/16	7/8 x 7/16
	3-7/16	119916		
	3-1/2	119917		
	3-5/8	119918		
	3-11/16	119919		
	3-3/4	119920		
	3-7/8	119921	1 x 1/2	1 x 1/2
	3-15/16	119922		
	4	119923		
	4-1/8	119924		

QD DIMENSIONS PAGES PT6-14	QD METRIC BORES, REBORABLES PAGE PT6-18	QD HUBS PAGE PT6-22	T-L BUSHINGS, HUBS PAGES PT6-2-PT6-12

QD Bushings - Stock Sizes

STOCK QD BUSHINGS WITH FINISHED BORE AND STANDARD KEYWAY

Bush. Sym./ Avg. Wt..	Bore ★	Part No.	Bushing Keyway	Shaft Keyseat (Ref.)
M 46 Lbs. (Con't)	4-3/16	119925	1 x 1/2	1 x 1/2
	4-1/4	119926		
	4-3/8	119927		
	4-7/16	119928		
	4-1/2	119929		
	4-11/16	119930	1-1/4 x 5/8	1-1/4 x 5/8
	4-3/4	119931		
	4-7/8	119932	1-1/4 x 1/4 ▲	1-1/4 x 5/8
	4-15/16	119933		
	5	119934		
	5-1/4	119935		
	5-7/16	119936		
	5-1/2	119937		
N 70 Lbs.	2-7/16	119940	5/8 x 5/16	5/8 x 5/16
	2-15/16	119941	3/4 x 3/8	3/4 x 3/8
	3-7/16	119942	7/8 x 7/16	7/8 x 7/16
	3-3/4	119943		
	3-7/8	119944	1 x 1/2	1 x 1/2
	3-15/16	119945		
	4	119946		
	4-3/16	119947		
	4-1/4	119948		

▲ Key furnished for these sizes only
★ Bores not listed will be priced on application
■ Ductile Iron

Bush. Sym./ Avg. Wt..	Bore ★	Part No.	Bushing Keyway	Shaft Keyseat (Ref.)
N 70 Lbs. (con't)	4-7/16	119949	1 x 1/2	1 x 1/2
	4-1/2	119950		
	4-3/4	119951	1-1/4 x 5/8	1-1/4 x 5/8
	4-7/8	119952		
	4-15/16	119953		
	5	119954		
	5-1/8	119955	1-1/4 x 1/4 ▲	1-1/4 x 5/8
	5-1/4	119956		
	5-7/16	119957		
	5-1/2	119958		
	5-3/4	119959	1-1/2 x 1/8 ▲	1-2 x 3/4
	5-7/8	119960		
	5-15/16	119961		
	6	119962		
P 133 Lbs.	(2-15/16" Bore is Recommended Minimum)			
	3-7/16	119965	7/8 x 7/16	7/8 x 7/16
	3-15/16	119966	1 x 1/2	1 x 1/2
	4-7/16	119967		
	4-1/2	119968		
	4-3/4	119969	1-1/4 x 5/8	1-1/4 x 5/8
	4-15/16	119970		
	5	119971		
	5-3/16	119984		
	5-1/2	119973		

Bush. Sym./ Avg. Wt..	Bore ★	Part No.	Bushing Keyway	Shaft Keyseat (Ref.)
P 133 Lbs. (Con't)	5-15/16	119974	1-1/2 x 3/4	1-1/2 x 3/4
	6	119975	1-1/2 x 1/4 ▲	1-1/2 x 1/4
	6-7/16	119976		
	6-1/2	119977		
	7	119978	1-3/4 x1/8▲	1-3/4 x 3/4
W 210 Lbs	4	120276	1 x 1/2	1 x 1/2
	4-1/4	120180		
	4-7/16	120181		
	4-1/2	120182		
	4-3/4	120183	1-1/4 x 5/8	1-1/4 x 5/8
	5	120186		
	5-3/8	120188		
	5-1/2	120189		
	5-3/4	120190	1-1/2 x 3/4	1-1/2 x 3/4
	5-7/8	120191		
	5-15/16	120192		
	6	120193		
	6-1/2	120194		
	7	120196	1-3/4 x 3-4	1-3/4 x 3/4
	7-1/4	120197		
	7-1/2	120198		
	8	120200	2 x 1/4▲	2 x 3/4
S 350 Lbs	S-Busings can be bored up to a 10" maximum. Please inquire. For rebore information, see page PT6-18.			

QD DIMENSIONS PAGES PT6-14	QD METRIC BORES, REBORABLES PAGE PT6-18	QD HUBS PAGE PT6-22	T-L BUSHINGS, HUBS PAGES PT6-2-PT6-12