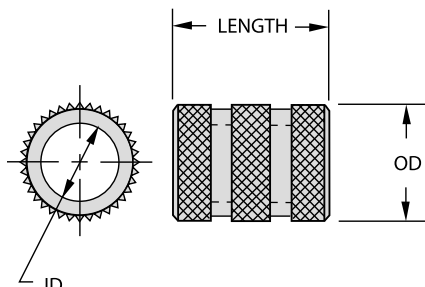


DIAMOND-GROOVE BUSHINGS

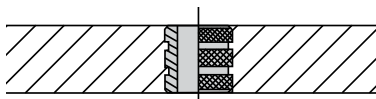


DG



APPLICATIONS:

A bushing for cast-in-place or potted installation. Diamond-knurled OD provides superior holding strength against both rotational and axial forces. Since the bushing's OD is not ground, keep the ID accurately located during casting or potting to ensure accuracy in the finished tool.



ORDERING EXAMPLES:

DG-26-16-.1875 Standard inch bushing, inch ID
 DG-26-16-.1772 Standard inch bushing, mm ID (.1772 = 4.50mm)
 DG-26-16-.1875 REAMER Reamer tolerance on ID
 DG-26-16-.1875 NCB No counterbore on long bushings marked with * (no counterbore is standard on all other bushings)
 DGM-8-12-4.50 Standard metric bushing

Standard prices apply only to bushings with a standard-drill-size ID within the stated ID range. See catalog back cover for standard drill sizes and their decimal equivalents. For prices on non-standard ID sizes, including reamer-tolerance and tap-guide bushings, please contact factory.

STANDARD ID TOLERANCES:

From #55 to 1/4"	+0.001/+0.004	From 1 to 3mm	+0.02/+0.08mm
		Over 3 to 6mm	+0.04/+0.12mm
Over 1/4 to 3/4"	+0.001/+0.005	Over 6 to 10mm	+0.05/+0.14mm
		Over 10 to 18mm	+0.06/+0.17mm
Over 3/4 to 1-1/2"	+0.002/+0.006	Over 18 to 19mm	+0.07/+0.20mm
			(G6 tolerance)

REAMER ID TOLERANCES:

From #60 to 1/4"	+0.005/+0.008	From 1 to 3mm	+0.06/+0.12mm
		Over 3 to 6mm	+0.10/+0.18mm
Over 1/4 to 1"	+0.006/+0.010	Over 6 to 10mm	+0.13/+0.22mm
		Over 10 to 18mm	+0.16/+0.27mm
		Over 18 to 19mm	+0.20/+0.33mm
			(F6 tolerance)

ID RANGE	OD	LENGTH	ANSI PART NO.
.0520-.0995 #55-#39 1.35-2.50mm	13/64 .223-.213	1/4	DG-13-4
		5/16	DG-13-5
		3/8	DG-13-6
		1/2	DG-13-8
.0980-.1406 #40-9/64 2.50-3.50mm	1/4 .275-.260	1/4	DG-16-4
		5/16	DG-16-5
		3/8	DG-16-6
		1/2	DG-16-8
.1250-.1935 1/8-#10 3.20-4.90mm	5/16 .337-.322	*3/4	DG-16-12
		1/4	DG-20-4
		5/16	DG-20-5
		3/8	DG-20-6
		1/2	DG-20-8
.1562-.2570 5/32-F 4.00-6.50mm	13/32 .431-.416	3/4	DG-20-12
		*1	DG-20-16
		1/4	DG-26-4
		5/16	DG-26-5
		3/8	DG-26-6
.1562-.3160 5/32-O 4.00-8.00mm	1/2 .525-.510	1/2	DG-26-8
		3/4	DG-26-12
		*1	DG-26-16
		5/16	DG-32-5
		3/8	DG-32-6
.3125-.4375 5/16-7/16 7.90-11.00mm	5/8 .650-.635	1/2	DG-32-8
		1/2	DG-32-12
		*1	DG-32-16
		3/8	DG-40-6
		1/2	DG-40-8
.3125-.5312 5/16-17/32 8.00-13.00mm	3/4 .775-.760	3/4	DG-40-12
		1	DG-40-16
		1-3/8	DG-40-22
		3/8	DG-48-6
		1/2	DG-48-8
.5000-.6562 1/2-21/32 13.00-16.50mm	7/8 .900-.885	3/4	DG-48-12
		1	DG-48-16
		1-3/8	DG-48-22
		3/8	DG-56-6
		1/2	DG-56-8
.5000-.7656 1/2-49/64 13.00-19.00mm	1 1.035-1.010	3/4	DG-56-12
		1	DG-56-16
		1-3/8	DG-56-22
		1/2	DG-64-8
		3/4	DG-64-12
		1	DG-64-16
		1-3/8	DG-64-22
		1-1/2	DG-64-24

* **INFO+:** Counterbored, leaving correct drill-bearing length and clearance (see page 502 for bearing length).

DIAMOND-GROOVE BUSHINGS – METRIC



DGM

ID RANGE (G6)	OD	LENGTH	ANSI PART NO.
1.00-1.80mm	5mm	6mm	DGM-5-6
		9mm	DGM-5-9
1.81-2.60mm	5.50-5.25mm	6mm	DGM-5-6
		9mm	DGM-5-9
2.61-3.30mm	6mm	8mm	DGM-6-8
		12mm	DGM-6-12
		16mm	DGM-6-16
3.31-4.00mm	7mm	8mm	DGM-7-8
		12mm	DGM-7-12
		16mm	DGM-7-16
4.01-5.00mm	8mm	8mm	DGM-8-8
		12mm	DGM-8-12
		16mm	DGM-8-16
5.01-6.00mm	10mm	10mm	DGM-10-10
		16mm	DGM-10-16
		20mm	DGM-10-20
6.01-8.00mm	12mm	10mm	DGM-12-10
		16mm	DGM-12-16
		20mm	DGM-12-20
8.01-10.00mm	15mm	12mm	DGM-15-12
		20mm	DGM-15-20
		25mm	DGM-15-25
10.01-12.00mm	18mm	12mm	DGM-18-12
		20mm	DGM-18-20
		25mm	DGM-18-25
12.01-15.00mm	22mm	16mm	DGM-22-16
		28mm	DGM-22-28
		36mm	DGM-22-36
15.01-18.00mm	26mm	16mm	DGM-26-16
		28mm	DGM-26-28
		36mm	DGM-26-36