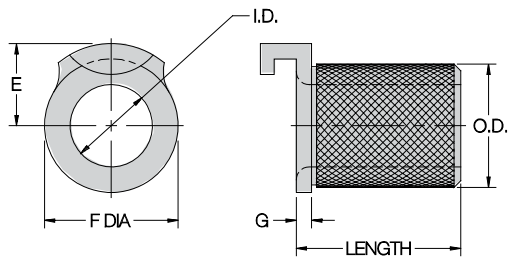


DIAMOND-KNURL UN-A-LOK™ LINER BUSHINGS



ULD
ULDM



INCH

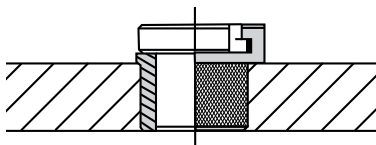
BODY OD	E	F DIA	G
5/16	1/4	.365	3/32
1/2	3/8	9/16	3/32
3/4	1/2	13/16	3/32
1	21/32	1-1/16	1/8
1-3/8	7/8	1-7/16	1/8

METRIC

BODY OD	E	F DIA	G
12mm	9.5mm	15mm	3mm
15mm	11mm	18mm	3mm
18mm	13mm	22mm	4mm
22mm	15.5mm	26mm	4mm
26mm	17.5mm	30mm	4mm

APPLICATIONS:

A liner for cast-in-place or potted installation, used to hold SF renewable drill bushings. Un-A-Lok™ liners incorporate a special locking tab that eliminates the need for a lockscrew. Holds only the "slip" side of an SF bushing, not the "fixed" side. 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:

ULD-20-5
ULDM-12-10

Standard inch liner bushing
Standard metric liner bushing

STANDARD LINER ID TOLERANCES:

3/16 to 5/16"	+0.001/+0.004	8 to 10mm	+0.05/+0.14mm
1/2"	+0.002/+0.005	12 to 18mm	+0.06/+0.17mm
3/4"	+0.003/+0.006		(G6 tolerance)
1"	+0.004/+0.007		

INCH

ID	OD	LENGTH	PART NO.
3/16	5/16 .342-.332	5/16	ULD-20-5
		3/8	ULD-20-6
		1/2	ULD-20-8
		3/4	ULD-20-12
5/16	1/2 .533-.523	3/8	ULD-32-6
		1/2	ULD-32-8
		3/4	ULD-32-12
		1/2	ULD-48-8
1/2	3/4 .785-.775	3/4	ULD-48-12
		1	ULD-48-16
		1/2	ULD-64-8
		3/4	ULD-64-12
3/4	1 1.035-1.025	1	ULD-64-16
		1/2	ULD-88-8
		3/4	ULD-88-12
		1	ULD-88-16
1	1-3/8 1.415-1.405	1-3/8	ULD-88-22

METRIC

ID (G6)	OD	LENGTH	PART NO.
8mm	12mm 12.65-12.25mm	10mm	ULDM-12-10
		16mm	ULDM-12-16
		12mm	ULDM-15-12
10mm	15mm 15.65-15.25mm	20mm	ULDM-15-20
		25mm	ULDM-15-25
		12mm	ULDM-18-12
12mm	18mm 18.65-18.25mm	20mm	ULDM-18-20
		25mm	ULDM-18-25
		16mm	ULDM-22-16
15mm	22mm 22.65-22.25mm	28mm	ULDM-22-28
		36mm	ULDM-22-36
		16mm	ULDM-26-16
18mm	26mm 26.90-26.25mm	28mm	ULDM-26-28
		36mm	ULDM-26-36