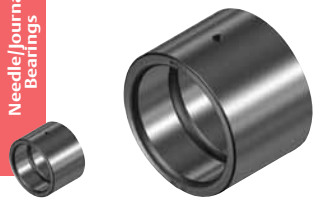
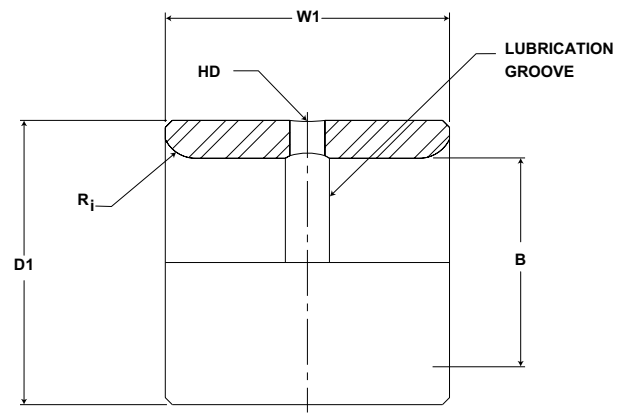


McGILL® Machined Inner Rings

Needle/Journal Bearings



Basic Construction Type: Thru Hardened Precision Ground Rings
Bearing Material: Bearing Quality Steel



MI Series (continued)

Part No.	Military No.	B		D1		W1	Ri	Recommended Shaft Diameter with Inner Ring			Inner Weight
		Bore Diameter		Outside Diameter		Width	Inner Ring Corner	inch mm			lb kg
		inch mm		inch mm		inch mm		Rotating	Stationary	Tol.	
Inner Ring		Nom	Tol.	Nom	Tol.	Tol +0/- .005 (+0/.13)	(Ref)				
MI 27 N		1.688	+0/- .0005	1.999	+0/- .0007	1.010 25.7	.06 2	1.688 42.9	1.6871 42.9	+0/- .0005 +0/- .013	.32 .15
MI 28	MS 51962-25	42.9	+0/- .013	50.8	+0/- .018	1.760 44.7	.06 2	1.751 44.5	1.750 44.5	+0/- .0005 +0/- .013	.63 .29
MI 30		1.875	+0/- .0005	2.249	+0/- .0007	1.760 44.7	.06 2	1.8755 47.7	1.8746 47.6	+0/- .0005 +0/- .013	.85 .39
MI 31	MS 51962-26	1.938	+0/- .0005	2.249	+0/- .0007	1.510 38.4	.08 2	1.938 49.2	1.9371 49.2	+0/- .0005 +0/- .013	.97 .43
MI 32 N	MS 51962-27	2.000	+0/- .0005	2.249	+0/- .0007	1.510 38.4	.08 2	2.0005 50.8	1.9996 50.8	+0/- .0005 +0/- .013	.74 .33
MI 32		50.8	+0/- .013	57.1	+0/- .018	1.760 44.7	.08 2	2.001 50.8	2.000 50.8	+0/- .0005 +0/- .013	.87 .39
MI 34		2.125	+0/- .0006	2.249	+0/- .0007	1.760 44.7	.08 2	2.1258 54.0	2.1247 54.0	+0/- .0008 +0/- .020	1.00 .45
MI 35	MS 51962-28	2.188	+0/- .0006	2.749	+0/- .0007	1.510 38.4	.08 2	2.1883 55.6	2.1872 55.6	+0/- .0008 +0/- .020	1.06 .48
MI 36 N	MS 51962-29	2.250	+0/- .0006	2.749	+0/- .0007	1.510 38.4	.08 2	2.2508 57.2	2.2497 57.2	+0/- .0008 +0/- .020	.83 .37
MI 36		57.2	+0/- .015	69.8	+0/- .018	1.760 44.7	.08 2	2.2508 57.2	2.2497 57.2	+0/- .0008 +0/- .020	.97 .44
MI 38	MS 51962-30	2.375	+0/- .0006	2.999	+0/- .0007	1.760 44.7	.08 2	2.3758 60.4	2.3747 60.3	+0/- .0008 +0/- .020	1.28 .58
MI 39		2.438	+0/- .0006	2.999	+0/- .0007	1.510 38.4	.08 2	2.4383 62.0	2.4372 61.9	+0/- .0008 +0/- .020	1.05 .47
MI 40 N	MS 51962-31	2.500	+0/- .0006	2.999	+0/- .0007	1.510 38.4	.08 2	2.5008 63.5	2.4997 63.5	+0/- .0008 +0/- .020	.92 .43
MI 40		63.5	+0/- .015	76.2	+0/- .018	1.760 44.7	.08 2	2.501 63.5	2.500 63.5	+0/- .0008 +0/- .020	1.07 .48
MI 42		2.625	+0/- .0006	3.249	+0/- .0009	1.760 44.7	.08 2	2.6258 66.7	2.6247 66.7	+0/- .0008 +0/- .020	1.12 .51
MI 44	MS 51962-32	2.750	+0/- .0006	3.249	+0/- .0009	1.760 44.7	.08 2	2.7508 69.9	2.7497 69.9	+0/- .0008 +0/- .020	1.17 .53
MI 46		2.875	+0/- .0006	3.499	+0/- .0009	2.010 51.1	.08 2	2.8758 73.1	2.8747 73.0	+0/- .0008 +0/- .020	1.30 .59
MI 47	MS 51962-34	2.938	+0/- .0006	3.499	+0/- .0009	2.010 51.1	.08 2	2.9383 74.7	2.9372 74.6	+0/- .0008 +0/- .020	1.58 .72
MI 48 N		3.000	+0/- .0006	3.499	+0/- .0009	1.760 44.7	.08 2	3.0008 76.3	2.9997 76.2	+0/- .0008 +0/- .020	1.32 .59
MI 48		76.2	+0/- .015	88.9	+0/- .023	2.010 51.1	.08 2	3.001 76.3	3.000 76.2	+0/- .0008 +0/- .020	1.43 .65
MI 50	MS 51962-35	3.125	+0/- .0006	3.749	+0/- .0009	2.010 51.1	.10 3	3.126 79.4	3.1246 79.4	+0/- .0010 +0/- .025	1.88 .85
MI 52	MS 51962-36	3.250	+0/- .0006	3.749	+0/- .0009	2.010 51.1	.10 3	3.251 82.6	3.2496 82.6	+0/- .0010 +0/- .025	1.52 .69

Metric dimensions for reference only.
 Not all parts are available from stock. Please contact customer service for availability (800) 626-2120.
 For more information on bearing capabilities outside of our standard offering, please contact Application Engineering (800) 626-2093.