



IRR INNER RING RACES

Dimensional Data (inches)

SMITH Bearing® Number	A Bore Diameter I.D.		D Outside Diameter		W Width +.000 -.005	H Hole Diameter	r Max Fillet for Shaft
	Nominal	Tolerance +0.0000	Nominal	Tolerance +0.0000			
IRR-1/2	.500	-0.0004	.7493	-0.0005	.760	1/8	.040
IRR-9/16	.5625	-0.0004	.7493	-0.0005	.760	1/8	.040
IRR-5/8	.625	-0.0004	.8743	-0.0005	.760	1/8	.040
IRR-11/16	.6875	-0.0004	.8743	-0.0005	.760	1/8	.040
IRR-3/4	.750	-0.0004	.9993	-0.0005	1.010	1/8	.040
IRR-13/16	.8125	-0.0005	.9993	-0.0005	1.010	1/8	.040
IRR-1	1.000	-0.0005	1.2491	-0.0006	1.010	1/8	.040
IRR-1 1/8	1.125	-0.0005	1.3741	-0.0006	1.010	1/8	.040
IRR-1 3/16	1.187	-0.0005	1.4990	-0.0006	1.260	1/8	.060
IRR-1 1/4	1.250	-0.0005	1.4990	-0.0006	1.260	1/8	.060
IRR-1 5/16	1.3125	-0.0005	1.6240	-0.0006	1.260	1/8	.060
IRR-1 3/8	1.375	-0.0005	1.6240	-0.0006	1.260	1/8	.060
IRR-1 7/16	1.4375	-0.0005	1.7490	-0.0006	1.260	1/8	.060
IRR-1 1/2	1.500	-0.0005	1.7490	-0.0005	1.260	1/8	.060
IRR-1 9/16	1.5625	-0.0005	1.8740	-0.0006	1.260	1/8	.060
IRR-1 5/8	1.625	-0.0005	1.9989	-0.0007	1.260	1/8	.060
IRR-1 11/16	1.6875	-0.0005	1.9989	-0.0007	1.260	1/8	.060
IRR-1 3/4	1.750	-0.0005	2.2489	-0.0007	1.760	3/16	.060
IRR-1 7/8	1.875	-0.0005	2.2489	-0.0007	1.760	3/16	.060
IRR-2	2.0000	-0.0005	2.2489	-0.0007	1.760	3/16	.080

General Information

SMITH IRR Inner Ring Races are hardened and ground and are used as bushings or sleeves. Typical material is **52100 Bearing Steel**. They are complete with radial oil holes and an annular lubrication groove. Consult our Engineering Department for special configurations, sizes and materials.

INTERCHANGE Inner Ring Races

SMITH®	McGill	RBC
IRR-1/2	MI-8-N	IR 7153
IRR-9/16	MI-9-N	IR 7153 C
IRR-5/8	MI-10-N	IR 7173
IRR-11/16	MI-11-N	IR 7173 C
IRR-3/4	MI-12	IR 7194
IRR-13/16	MI-13	IR 7194 C
IRR-1	MI-16-N	IR 7234
IRR-1 1/8	MI-18-N	IR 7254
IRR-1 3/16	MI-19	IR 7275
IRR-1 1/4	MI-20	IR 7275 C
IRR-1 5/16	MI-21	IR 7295
IRR-1 3/8	MI-22-4S	IR 7295 C
IRR-1 7/16	MI-23	IR 7315
IRR-1 1/2	MI-24	IR 7315 C
IRR-1 9/16	MI-25-4S	IR 7335
IRR-1 5/8	MI-26	IR 7355 D
IRR-1 11/16	MI-27	IR 7355
IRR-1 3/4	MI-28	IR 8407
IRR-1 7/8	MI-30	IR 8407 C1
IRR-2	MI-32	IR 8447 C