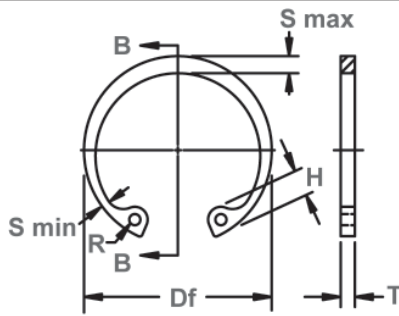


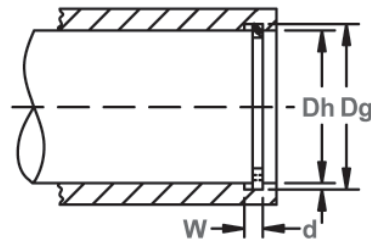
MHO Housing Rings

Axially Assembled, Internal, ANSI Metric

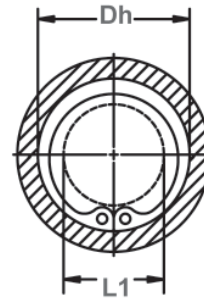
Once installed in the groove of a housing/bore, the portion of the ring protruding from the groove (also called a "shoulder") holds an assembly in place.



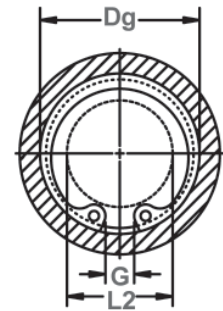
Free Diameter & Ring Measurements
With Section B-B



Housing Diameter &
Groove Dimensions



Clearance Diameter
Compressed In Housing



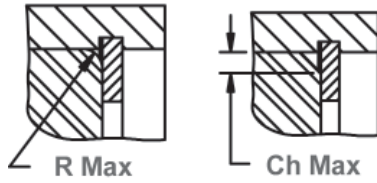
Clearance Diameter & Gap
Width Released In Groove

RING NO.	HOUSING DIAMETER		GROOVE SIZE						RING SIZE & WEIGHT				CLEARANCE DIA.		i THRUST LD (kN)		
			DIAMETER			WIDTH		DEPTH	FREE DIAMETER		THICKNESS***	Wt. Per 1000 pcs.	Compressed in housing	Released in Groove	Sqr. corner abutment		
	Ds mm	Ds INCH	Dg	tol	F.I.M.*	W	tol	d	Df	tol	T	tol	kg	L1	L2	Pr	Pg
MHO-8	8	0.315	8.40	+0.06	0.03	0.50	+0.10	0.20	8.80		0.4		0.05	4.4	4.8	2.4	1.0
MHO-9	9	0.354	9.45		0.03	0.70		0.23	10.00		0.6		0.11	4.6	5.0	4.4	1.2
MHO-10	10	0.393	10.50		0.03	0.70		0.25	11.10		0.6		0.14	5.5	6.0	4.9	1.5
MHO-11	11	0.433	11.60		0.05	0.70		0.30	12.20		0.6		0.17	5.7	6.3	5.4	2.0
MHO-12	12	0.472	12.65		0.05	0.70		0.33	13.30		0.6		0.19	6.7	7.3	5.8	2.4
MHO-13	13	0.512	13.70		0.05	1.00		0.35	14.25	+0.25	0.9		0.35	6.8	7.5	8.9	2.6
MHO-14	14	0.551	14.80	+0.10	0.05	1.00		0.40	15.45	-0.13	0.9		0.39	6.9	7.7	9.7	3.2
MHO-15	15	0.591	15.85		0.05	1.00		0.43	16.60		0.9		0.42	7.9	8.7	10.4	3.7
MHO-16	16	0.630	16.90		0.10	1.00		0.45	17.70		0.9		0.47	8.8	9.7	11.0	4.2
MHO-17	17	0.669	18.00		0.10	1.00		0.50	18.90		0.9		0.52	9.8	10.8	11.7	4.9
MHO-18	18	0.708	19.05		0.10	1.00		0.53	20.05		0.9		0.58	10.3	11.3	12.3	5.5
MHO-19	19	0.748	20.10		0.10	1.00		0.55	21.10		0.9		0.59	11.4	12.5	13.1	6.0
MHO-20	20	0.787	21.15		0.10	1.00		0.57	22.25		0.9		0.70	11.6	12.7	13.7	6.6
MHO-21	21	0.826	22.20		0.10	1.00	+0.15	0.60	23.30		0.9	±0.06	0.82	12.6	13.8	14.5	7.3
MHO-22	22	0.866	23.30		0.10	1.20		0.65	24.40		1.1		0.90	13.5	14.8	22.5	8.3
MHO-23	23	0.905	24.35	+0.15	0.10	1.20		0.67	25.45	+0.40	1.1		1.00	14.5	15.9	23.5	8.9
MHO-24	24	0.945	25.40		0.10	1.20		0.70	26.55	-0.25	1.1		1.09	15.5	16.9	24.8	9.7
MHO-25	25	0.984	26.60		0.10	1.20		0.80	27.75		1.1		1.26	16.5	18.1	25.7	11.6
MHO-26	26	1.023	27.70		0.15	1.20		0.85	28.85		1.1		1.3	17.5	19.2	26.8	12.7
MHO-27	27	1.063	28.80		0.15	1.40		0.90	29.95		1.3		1.7	17.4	19.2	33.0	14.0
MHO-28	28	1.102	29.80		0.15	1.40		0.90	31.10		1.3		1.8	18.2	20.0	34.0	14.6
MHO-30	30	1.181	31.90		0.15	1.40		0.95	33.40		1.3		2.0	20.0	21.9	37.0	16.5
MHO-32	32	1.260	33.90		0.15	1.40		0.95	35.35	+0.65	1.3		2.2	22.0	23.9	39.0	17.6
MHO-34	34	1.339	36.10		0.15	1.40		1.05	37.75	-0.50	1.3		2.3	24.0	26.1	42.0	20.6
MHO-35	35	1.378	37.20	+0.20	0.15	1.40		1.10	38.75		1.3		2.3	25.0	27.2	43.0	22.3
MHO-36	36	1.417	38.30		0.15	1.40		1.15	40.00		1.3		2.6	26.0	28.3	44.0	23.9
MHO-37	37	1.457	39.30		0.15	1.40		1.15	41.05		1.3		2.9	27.0	29.3	45.0	24.6
MHO-38	38	1.496	40.40		0.15	1.40		1.20	42.15		1.3		3.0	28.0	30.4	46.0	26.4

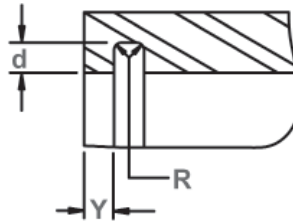
* F.I.M. (FULL INDICATOR MOVEMENT)- MAXIMUM ALLOWABLE DEVIATION OF CONCENTRICITY BETWEEN GROOVE & HOUSING.

i BASED ON HOUSINGS/SHAFTS MADE OF COLD ROLLED STEEL. FOR AN EXPLANATION OF FORMULAS USED TO DERIVE THRUST LOAD AND OTHER PERFORMANCE DATA CONTACT THE ROTOR CLIP ENGINEERING DEPARTMENT.

***FOR PLATED RINGS ADD 0.05 TO THE LISTED MAXIMUM THICKNESS. MAXIMUM THICKNESS WILL BE A MINIMUM OF 0.005 LESS THAN THE LISTED GROOVE WIDTH (W) MINIMUM.



Allowable Corner Radius & Chamfer



Exploded Groove Profile & Edge Margin (Y)
Maximum bottom radii (R), 0.10 for ring sizes
-8 thru -17; 0.2 for ring sizes -18 thru -30;
0.3 for ring sizes -32 thru -55
0.4 for ring sizes -56 thru -250



Alternate Lug Design
For Larger Sizes
(Manufacturer's Option)



Alternate Design
(Manufacturer's Option)

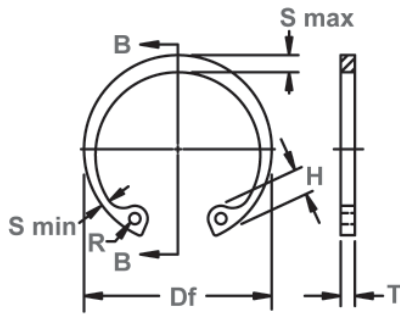
RING NO.	LUG HEIGHT	MAXIMUM SECTION	MINIMUM SECTION	HOLE DIAMETER	GAP WIDTH Ring in Groove	ALLOWABLE CORNER RADII & CHAMFERS		MAX. LOAD w/ R max or Ch max	EDGE MARGIN
						R max	Ch max		
	H nom	S max/Ref.	S min/Ref.	R min	G	R max	Ch max	P'r	Y
MHO-8	1.7	0.85	0.45	0.8	1.40	0.4	0.3	0.8	0.6
MHO-9	2.1	1.25	0.65	1.0	1.50	0.5	0.35	2.0	0.7
MHO-10	2.1	1.30	0.70	1.0	1.85	0.5	0.35	2.0	0.8
MHO-11	2.5	1.30	0.70	1.0	1.95	0.6	0.4	2.0	0.9
MHO-12	2.5	1.35	0.75	1.0	2.25	0.6	0.4	2.0	1.0
MHO-13	2.9	1.35	0.90	1.2	2.35	0.7	0.5	4.0	1.1
MHO-14	3.3	1.60	0.90	1.2	2.65	0.7	0.5	4.0	1.2
MHO-15	3.3	1.65	0.95	1.5	2.80	0.7	0.5	4.0	1.3
MHO-16	3.4	1.70	0.95	1.5	2.80	0.7	0.5	4.0	1.4
MHO-17	3.4	1.70	0.95	1.5	3.35	0.75	0.6	4.0	1.5
MHO-18	3.6	1.80	1.00	1.5	3.40	0.75	0.6	4.0	1.6
MHO-19	3.6	1.80	1.00	1.5	3.40	0.8	0.65	4.0	1.7
MHO-20	4.0	2.00	1.10	1.5	3.80	0.9	0.7	4.0	1.7
MHO-21	4.0	2.10	1.20	1.5	4.20	0.9	0.7	4.0	1.8
MHO-22	4.0	2.10	1.20	1.5	4.30	0.9	0.7	7.4	1.9
MHO-23	4.0	2.20	1.20	1.5	4.90	1.0	0.8	7.4	2.0
MHO-24	4.0	2.30	1.30	1.5	5.20	1.0	0.8	7.4	2.1
MHO-25	4.0	2.60	1.30	1.5	6.00	1.0	0.8	7.4	2.4
MHO-26	4.0	2.70	1.40	1.5	5.70	1.2	1.0	7.4	2.6
MHO-27	4.6	2.80	1.40	1.9	5.90	1.2	1.0	10.8	2.7
MHO-28	4.6	2.90	1.50	1.9	6.00	1.2	1.0	10.8	2.7
MHO-30	4.6	3.00	1.50	1.9	6.00	1.2	1.0	10.8	2.9
MHO-32	4.6	3.10	1.60	1.9	7.30	1.2	1.0	10.8	2.9
MHO-34	4.6	3.20	1.60	1.9	7.60	1.2	1.0	10.8	3.2
MHO-35	4.6	3.30	1.60	1.9	8.00	1.2	1.0	10.8	3.3
MHO-36	4.6	3.40	1.70	1.9	8.30	1.2	1.0	10.8	3.5
MHO-37	4.6	3.40	1.70	1.9	8.40	1.2	1.0	10.8	3.5
MHO-38	4.6	3.40	1.70	1.9	8.60	1.2	1.0	10.8	3.6

FOR HARDNESS SPECIFICATIONS, SEE END OF THE SECTION.

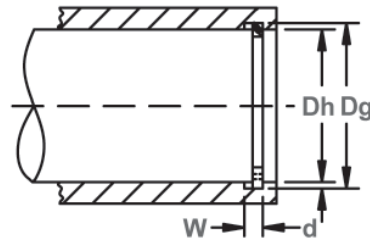
MHO Housing Rings

Axially Assembled, Internal, ANSI Metric

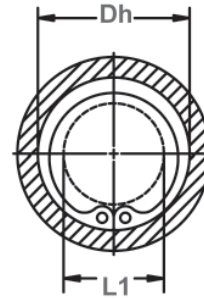
Once installed in the groove of a housing/bore, the portion of the ring protruding from the groove (also called a "shoulder") holds an assembly in place.



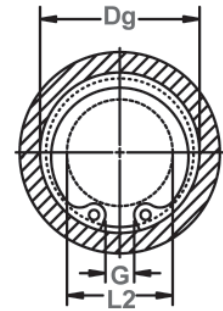
Free Diameter & Ring Measurements
With Section B-B



Housing Diameter &
Groove Dimensions



Clearance Diameter
Compressed In Housing



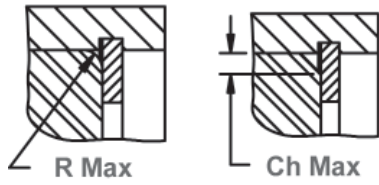
Clearance Diameter & Gap
Width Released In Groove

RING NO.	HOUSING DIAMETER		GROOVE SIZE						RING SIZE & WEIGHT				CLEARANCE DIA.		THRUST LD (kN)		
			DIAMETER			WIDTH		DEPTH	FREE DIAMETER		THICKNESS***		Com-pressed in housing	Re-leased in Groove	Sqr. corner abutment		
	Ds mm	Ds INCH	Dg	tol	F.I.M.*	W	tol	d	Df	tol	T	tol	kg	L1	L2	Pr	Pg
MHO-40	40	1.575	42.40		0.15	1.75		1.20	44.25		1.6		4.0	29.2	31.6	62.0	27.7
MHO-42	42	1.654	44.50		0.15	1.75		1.25	46.60		1.6		4.7	29.7	32.2	65.0	30.2
MHO-45	45	1.772	47.60		0.15	1.75		1.30	49.95	+0.90	1.6		5.1	32.3	34.9	69.0	33.8
MHO-46	46	1.811	48.70	+0.20	0.20	1.75	+0.20	1.35	51.05	-0.65	1.6		5.2	33.3	36.0	71.0	36.0
MHO-47	47	1.850	49.80		0.20	1.75		1.40	52.15		1.6		5.8	34.3	37.1	72.0	38.0
MHO-48	48	1.890	50.90		0.20	1.75		1.45	53.30		1.6		6.1	35.0	37.9	74.0	40.0
MHO-50	50	1.969	53.10		0.20	1.75		1.55	55.35		1.6		6.2	36.9	40.0	77.0	45.0
MHO-52	52	2.047	55.30		0.20	2.15		1.65	57.90		2.0		8.1	38.6	41.9	99.0	50.0
MHO-55	55	2.165	58.40		0.20	2.15		1.70	61.10		2.0		8.9	40.8	44.2	105.0	54.0
MHO-57	57	2.244	60.50		0.20	2.15		1.75	63.25		2.0		9.9	42.2	45.7	109.0	58.0
MHO-58	58	2.283	61.60		0.20	2.15		1.80	64.40		2.0		10.1	43.2	46.8	111.0	60.0
MHO-60	60	2.362	63.80		0.20	2.15		1.90	66.80		2.0	±0.08	10.5	45.5	49.3	115.0	66.0
MHO-62	62	2.441	65.80		0.20	2.15		1.90	68.60	+1.00	2.0		11.5	47.0	50.8	119.0	68.0
MHO-63	63	2.480	66.90		0.20	2.15		1.95	69.90	-0.75	2.0		11.6	47.8	51.7	120.0	71.0
MHO-65	65	2.559	69.00		0.20	2.55		2.00	72.20		2.4		15.4	49.4	53.4	149.0	75.0
MHO-68	68	2.677	72.20	+0.30	0.20	2.55	+0.20	2.10	75.70		2.4		15.9	52.0	56.2	156.0	82.0
MHO-70	70	2.756	74.40		0.20	2.55		2.20	77.50		2.4		16.1	53.8	58.2	161.0	88.0
MHO-72	72	2.835	76.50		0.20	2.55		2.25	79.60		2.4		16.3	55.9	60.4	166.0	93.0
MHO-75	75	2.953	79.70		0.20	2.55		2.35	83.30		2.4		19.3	58.2	62.9	172.0	101.0
MHO-78	78	3.071	82.80		0.20	2.95		2.40	86.80		2.8		24.0	61.2	66.0	209.0	108.0
MHO-80	80	3.150	85.00		0.20	2.95		2.50	89.10		2.8		25.9	63.0	68.0	215.0	115.0
MHO-82	82	3.228	87.20		0.25	2.95		2.60	91.10	+1.40	2.8		27.2	63.5	68.7	220.0	122.0
MHO-85	85	3.346	90.40		0.25	2.95		2.70	94.40	-1.40	2.8		29.5	66.8	72.2	228.0	131.0
MHO-88	88	3.464	93.60		0.25	2.95		2.80	97.90		2.8		31.3	69.6	75.2	236.0	141.0
MHO-90	90	3.543	95.70		0.25	2.95		2.85	100.00		2.8		32.6	71.6	77.3	241.0	147.0
MHO-92	92	3.622	97.80		0.25	2.95		2.90	102.20		2.8		33.1	73.6	79.4	247.0	153.0

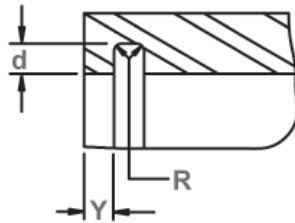
* F.I.M. (FULL INDICATOR MOVEMENT)- MAXIMUM ALLOWABLE DEVIATION OF CONCENTRICITY BETWEEN GROOVE & HOUSING.

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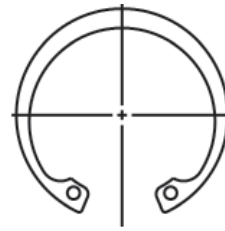
***FOR PLATED RINGS ADD 0.05 TO THE LISTED MAXIMUM THICKNESS. MAXIMUM THICKNESS WILL BE A MINIMUM OF 0.005 LESS THAN THE LISTED GROOVE WIDTH (W) MINIMUM.



Allowable Corner Radius & Chamfer



Exploded Groove Profile & Edge Margin (Y)
 Maximum bottom radii (R), 0.10 for ring sizes
 -8 thru -17; 0.2 for ring sizes -18 thru -30;
 0.3 for ring sizes -32 thru -55
 0.4 for ring sizes -56 thru -250



Alternate Lug Design
 For Larger Sizes
 (Manufacturer's Option)



Alternate Design
 (Manufacturer's Option)

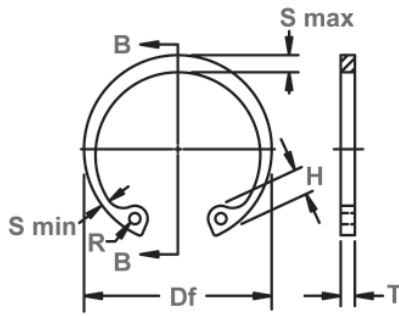
RING NO.	LUG HEIGHT	MAXIMUM SECTION	MINIMUM SECTION	HOLE DIAMETER	GAP WIDTH Ring in Groove	ALLOWABLE CORNER RADII & CHAMFERS		MAX. LOAD w/ R max or Ch max	EDGE MARGIN
						R max	Ch max		
	H nom	S max/Ref.	S min/Ref.	R min	G			P'r	Y
MHO-40	5.1	4.00	2.00	1.9	9.70	1.7	1.3	17.4	3.6
MHO-42	5.8	4.20	2.10	1.9	9.00	1.7	1.3	17.4	3.7
MHO-45	6.0	4.30	2.10	1.9	9.60	1.7	1.3	17.4	3.9
MHO-46	6.0	4.30	2.10	2.3	9.70	1.7	1.3	17.4	4.0
MHO-47	6.0	4.30	2.20	2.3	10.00	1.7	1.3	17.4	4.2
MHO-48	6.0	4.50	2.30	2.3	10.50	1.7	1.3	17.4	4.3
MHO-50	6.0	4.60	2.30	2.3	12.10	1.7	1.3	17.4	4.6
MHO-52	6.4	4.70	2.30	2.3	11.70	2.0	1.6	27.4	5.0
MHO-55	6.7	5.10	2.50	2.3	11.90	2.0	1.6	27.4	5.1
MHO-57	6.9	5.20	2.50	2.3	12.50	2.0	1.6	27.4	5.3
MHO-58	6.9	5.30	2.60	2.3	13.00	2.0	1.6	27.4	5.4
MHO-60	6.9	5.30	2.60	2.3	12.70	2.0	1.6	27.4	5.7
MHO-62	7.1	5.30	2.60	2.7	14.00	2.0	1.6	27.4	5.7
MHO-63	7.1	5.40	2.70	2.7	14.20	2.0	1.6	27.4	5.9
MHO-65	7.4	5.60	2.80	2.7	14.20	2.0	1.6	42.0	6.0
MHO-68	7.6	5.80	2.90	2.7	14.40	2.3	1.8	39.0	6.3
MHO-70	7.6	5.80	2.90	2.7	16.10	2.3	1.8	39.0	6.6
MHO-72	7.6	5.80	2.90	2.7	17.40	2.3	1.8	39.0	6.7
MHO-75	7.9	6.20	3.10	2.7	16.80	2.3	1.8	54.0	7.1
MHO-78	7.9	6.50	3.20	3.1	17.60	2.5	2.0	54.0	7.2
MHO-80	7.9	6.70	3.30	3.1	17.20	2.5	2.0	54.0	7.5
MHO-82	8.7	6.90	3.40	3.1	18.80	2.6	2.1	54.0	7.8
MHO-85	8.7	7.00	3.60	3.1	19.10	2.6	2.1	54.0	8.1
MHO-88	8.7	7.30	3.60	3.1	20.40	2.8	2.2	54.0	8.4
MHO-90	8.7	7.40	3.60	3.1	21.40	2.8	2.2	54.0	8.6
MHO-92	8.7	7.60	3.80	3.1	22.20	2.9	2.4	54.0	8.7

FOR HARDNESS SPECIFICATIONS, SEE END OF THE SECTION.

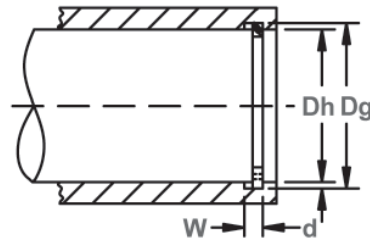
MHO Housing Rings

Axially Assembled, Internal, ANSI Metric

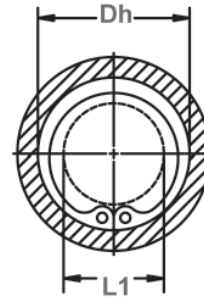
Once installed in the groove of a housing/bore, the portion of the ring protruding from the groove (also called a "shoulder") holds an assembly in place.



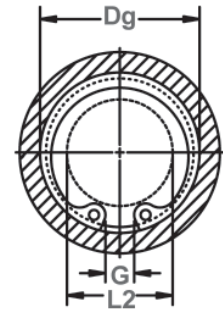
Free Diameter & Ring Measurements
With Section B-B



Housing Diameter &
Groove Dimensions



Clearance Diameter
Compressed In Housing



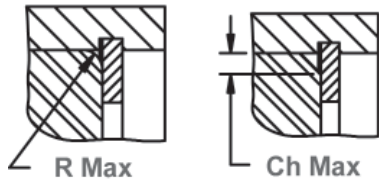
Clearance Diameter & Gap
Width Released In Groove

RING NO.	HOUSING DIAMETER		GROOVE SIZE						RING SIZE & WEIGHT				CLEARANCE DIA.		THRUST LD (kN)		
			DIAMETER			WIDTH		DEPTH	FREE DIAMETER		THICKNESS***		Com-pressed in housing	Re-leased in Groove	Ring (Safety Factor of 4)	Groove (Safety Factor of 2)	
	Ds mm	Ds INCH	Dg	tol	F.I.M.*	W	tol	d	Df	tol	T	tol	kg	L1	L2	Pr	Pg
MHO-95	95	3.740	101.00	+0.30	0.25	2.95		3.00	105.60		2.8		35.4	76.7	82.7	255.0	164.0
MHO-98	98	3.858	104.20		0.25	2.95		3.10	109.00		2.8		39.4	78.3	84.5	263.0	174.0
MHO-100	100	3.937	106.30		0.25	2.95		3.15	110.70		2.8		39.9	80.3	86.6	269.0	181.0
MHO-102	102	4.016	108.40		0.25	2.95		3.20	112.40		2.8		42.2	82.2	88.6	273.0	187.0
MHO-105	105	4.134	111.50		0.25	2.95	+0.20	3.25	115.80		2.8		44.0	85.1	91.6	281.0	196.0
MHO-108	108	4.252	114.60		0.25	2.95		3.30	119.20		2.8		45.8	88.1	94.7	290.0	205.0
MHO-110	110	4.331	116.70		0.25	2.95		3.35	120.80	+1.65	2.8		47.6	88.4	95.1	295.0	212.0
MHO-115	115	4.528	121.90		0.25	2.95		3.45	126.00	-1.65	2.8		50.3	93.2	100.1	309.0	227.0
MHO-120	120	4.724	127.00		0.25	2.95		3.50	132.40		2.8		56.2	98.2	105.2	321.0	241.0
MHO-125	125	4.921	132.10	+0.40	0.25	2.95		3.55	137.10		2.8		60.0	103.1	110.2	335.0	255.0
MHO-130	130	5.118	137.20		0.25	2.95		3.60	142.50		2.8		63.5	108.0	115.2	349.0	269.0
MHO-135	135	5.315	142.30		0.25	3.40		3.65	148.50		3.2		79	110.4	117.7	415.0	283.0
MHO-140	140	5.512	147.40		0.25	3.40		3.70	154.10		3.2		83	115.3	122.7	429.0	298.0
MHO-145	145	5.709	152.50		0.25	3.40		3.75	159.50		3.2		87	120.4	127.9	444.0	313.0
MHO-150	150	5.906	157.60		0.25	3.40		3.80	164.50		3.2		89	125.3	132.9	460.0	327.0
MHO-155	155	6.102	162.70		0.30	3.40		3.85	168.80		3.2		91	130.4	138.1	475.0	343.0
MHO-160	160	6.299	167.80		0.30	4.25		3.90	175.10		4.0		121	133.8	141.6	613.0	359.0
MHO-165	165	6.496	172.90		0.30	4.25		3.95	180.30	+2.05	4.0		127	138.7	146.6	632.0	374.0
MHO-170	170	6.693	178.00		0.30	4.25		4.00	185.60	-2.05	4.0		138	143.6	151.6	651.0	390.0
MHO-175	175	6.890	183.20		0.30	4.25	+0.25	4.10	191.30		4.0		147	146.0	154.2	670.0	403.0
MHO-180	180	7.087	188.40		0.30	4.25		4.20	196.60		4.0		156	151.4	159.8	690.0	434.0
MHO-185	185	7.283	193.60		0.30	5.10		4.30	202.70		4.8		194	154.7	163.3	851.0	457.0
MHO-190	190	7.480	198.80		0.30	5.10		4.40	207.70		4.8		220	159.5	168.3	873.0	480.0
MHO-200	200	7.874	209.00	+0.50	0.30	5.10		4.50	217.80		4.8		235	169.2	178.2	919.0	517.0
MHO-210	210	8.268	219.40		0.30	5.10		4.70	230.30	+2.30	4.8		275	177.5	186.9	965.0	566.0
MHO-220	220	8.661	230.00		0.30	5.10		5.00	240.50	-2.30	4.8		285	184.1	194.1	1000.0	608.0
MHO-230	230	9.055	240.60		0.30	5.10		5.30	251.40		4.8		330	194.0	204.6	1060.0	686.0
MHO-240	240	9.449	251.00		0.30	5.10		5.50	262.30		4.8		365	200.4	211.4	1090.0	725.0
MHO-250	250	9.843	261.40		0.30	5.10		5.70	273.30		4.8		375	210.0	221.4	1150.0	808.0

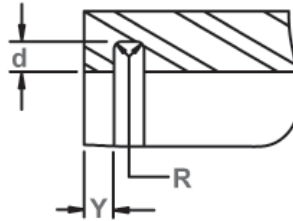
* F.I.M. (FULL INDICATOR MOVEMENT)- MAXIMUM ALLOWABLE DEVIATION OF CONCENTRICITY BETWEEN GROOVE & HOUSING.

† BASED ON HOUSINGS/SHAFTS MADE OF COLD ROLLED STEEL. FOR AN EXPLANATION OF FORMULAS USED TO DERIVE THRUST LOAD AND OTHER PERFORMANCE DATA CONTACT THE ROTOR CLIP ENGINEERING DEPARTMENT.

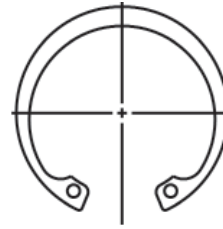
***FOR PLATED RINGS ADD 0.05 TO THE LISTED MAXIMUM THICKNESS. MAXIMUM THICKNESS WILL BE A MINIMUM OF 0.005 LESS THAN THE LISTED GROOVE WIDTH (W) MINIMUM.



Allowable Corner Radius & Chamfer



Exploded Groove Profile & Edge Margin (Y)
 Maximum bottom radii (R), 0.10 for ring sizes
 -8 thru -17; 0.2 for ring sizes -18 thru -30;
 0.3 for ring sizes -32 thru -55
 0.4 for ring sizes -56 thru -250



Alternate Lug Design
 For Larger Sizes
 (Manufacturer's Option)



Alternate Design
 (Manufacturer's Option)

RING NO.	LUG HEIGHT	MAXIMUM SECTION	MINIMUM SECTION	HOLE DIAMETER	GAP WIDTH Ring in Groove	ALLOWABLE CORNER RADII & CHAMFERS		MAX. LOAD w/ R max or Ch max	EDGE MARGIN
						R max	Ch max		
	H nom	S max/Ref.	S min/Ref.	R min	G	R max	Ch max	P'r	Y
MHO-95	8.7	7.80	3.90	3.1	22.60	3.0	2.5	54.0	9.0
MHO-98	9.4	8.10	4.10	3.1	22.60	3.0	2.5	54.0	9.3
MHO-100	9.4	8.20	4.10	3.1	24.10	3.1	2.5	54.0	9.5
MHO-102	9.4	8.40	4.20	3.1	25.50	3.2	2.6	54.0	9.6
MHO-105	9.4	8.40	4.30	3.1	26.00	3.3	2.6	54.0	9.8
MHO-108	9.4	8.50	4.60	3.1	26.40	3.5	2.7	54.0	9.9
MHO-110	10.3	8.70	4.60	3.8	27.50	3.6	2.8	54.0	10.1
MHO-115	10.3	8.90	4.60	3.8	29.40	3.7	2.9	54.0	10.4
MHO-120	10.3	9.40	4.60	3.8	27.20	3.9	3.1	54.0	10.5
MHO-125	10.3	9.50	4.70	3.8	30.30	4.0	3.2	54.0	10.7
MHO-130	10.3	9.80	4.90	3.8	31.00	4.0	3.2	54.0	10.8
MHO-135	11.6	10.40	5.00	3.8	30.40	4.3	3.4	67.0	11.0
MHO-140	11.6	10.40	5.00	3.8	30.40	4.3	3.4	67.0	11.1
MHO-145	11.6	10.60	5.30	3.8	31.60	4.3	3.4	67.0	11.3
MHO-150	11.6	10.80	5.40	3.8	33.50	4.3	3.4	67.0	11.4
MHO-155	11.6	10.80	5.40	3.8	37.00	4.3	3.4	67.0	11.6
MHO-160	12.3	10.90	5.40	4.6	35.00	4.5	3.6	102.0	11.7
MHO-165	12.3	11.10	5.60	4.6	33.10	4.6	3.7	102.0	11.9
MHO-170	12.3	11.40	5.60	4.6	38.20	4.6	3.7	102.0	12.0
MHO-175	13.5	11.60	5.70	4.6	37.70	4.8	3.8	102.0	12.3
MHO-180	13.5	12.00	5.90	4.6	39.00	5.0	4.0	102.0	12.6
MHO-185	14.2	12.40	6.00	4.6	37.30	5.1	4.1	151.0	12.9
MHO-190	14.2	12.90	6.30	4.6	35.00	5.3	4.3	151.0	13.2
MHO-200	14.2	13.30	6.50	4.6	43.90	5.4	4.3	151.0	13.5
MHO-210	15.2	14.20	6.90	4.6	40.60	5.8	4.6	151.0	14.1
MHO-220	16.8	15.00	7.30	4.6	38.30	6.1	4.9	151.0	15.0
MHO-230	16.8	15.50	7.50	4.6	49.00	6.3	5.1	151.0	15.9
MHO-240	18.7	16.30	7.70	4.6	45.40	6.6	5.3	151.0	16.5
MHO-250	18.7	16.70	7.80	4.6	53.00	6.7	5.4	151.0	17.1

HARDNESS RANGES: STAINLESS STEEL RINGS (PH 15-7MO)

RING TYPE	SIZE RANGE	SCALE	ROCKWELL HARDNESS
MHO	8	15N	82.5-86
	9-26	30N	63-69.5
	27-250	C	44-51

HARDNESS RANGES: CARBON STEEL RINGS (SAE 1060-1090)

RING TYPE	SIZE RANGE	SCALE	ROCKWELL HARDNESS
MHO	8	15N	86-88
	9-13	30N	69.5-73
	14-20	30N	68.5-72
	21-26	30N	67.5-71
	27-250	C	48-52

