


SECTION I-I

MS PART NO.	A		B	
	Inches	MM	Inches	MM
-1	0.0400	0.98 - 1.00	0.0100	0.22 - 0.26
-2	0.0500	1.23 - 1.25	0.0100	0.22 - 0.26
-3A	0.0625	1.56 - 1.58	0.0100	0.22 - 0.26
-3	0.0625	1.56 - 1.58	0.0200	0.45 - 0.50
-4A	0.0800	2.00 - 2.02	0.0200	0.45 - 0.50
-4	0.0800	2.00 - 2.02	0.0400	0.97 - 1.02
-5A	0.1000	2.50 - 2.52	0.0400	0.97 - 1.02
-5	0.1000	2.50 - 2.52	0.0500	1.22 - 1.27
-6A	0.1560	3.93 - 3.95	0.0500	1.22 - 1.27
-6	0.1560	3.93 - 3.95	0.0625	1.55 - 1.60

Notes:

1. Chamfer shape at the option of the jewel manufacturer.
2. Break all sharp corners.
3. The flat surfaces will be parallel within 0.01 per mm of outside diameter.
4. Dia. "A" must be perpendicular to base within 2°

Microlap Technologies Inc.  213 1st ST NW - POBOX 280 Rolla, ND 58367 701-477-3193(P) - 701-477-6579 (F) WWW.microlap.com		Dimensions are all in mm		MS-27047 MS-27047	
		DRAWN MJA 6/24/2013	NAME MJA 6/24/2013		
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		Q.A. SG 8/6/2013	MATERIAL Ruby/Sapphire		
DO NOT SCALE DRAWING		FINISH: Flat: 0.1 micrometers or better OD: Ground	SCALE: 20:1	WEIGHT:	SHEET 1 OF 1