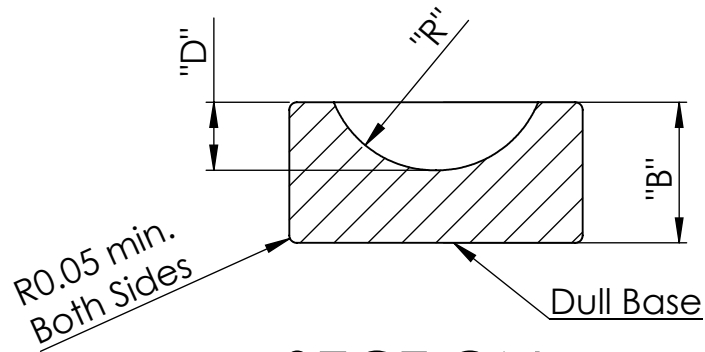
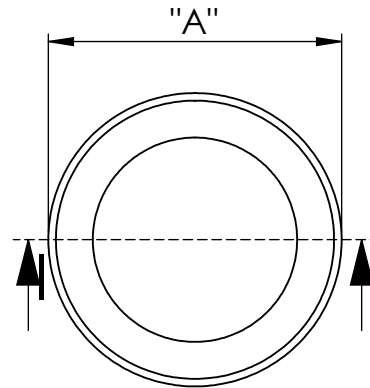



MS PART NO.	A		B		D		R	
	Inches	MM	Inches	MM	Inches	MM	Inches	mm
-9	0.1000	2.52 to 2.54	0.0500	1.22 to 1.27	0.0200	0.45 - 0.55	0.026	0.60 - 0.70
-10					0.0240	0.55 - 0.65	0.038	0.90 - 1.00
-11					0.0160	0.35 - 0.45	0.046	1.10 - 1.20
-12					0.0080	0.15 - 0.25	0.092	2.25 - 2.35



SECTION I-I

Notes:

1. Break all sharp corners.
2. The flat surfaces will be parallel within 0.01 mm of outside diameter.
3. Dia. "A" and Radius "R" to be round within 0.01
4. Dia. "A" and Radius "R" to be concentric within 0.05 T.I.R.
5. Dia. "A" must be perpendicular to base within 2°
6. Top of jewel and upper 1/4 of cup to be brushed and polished uniformly small chips and scratches which have been brushed clean may be accepted.
7. Lower 3/4 of cup to be free of defects visible with 30X magnification.

<p>Microlap Technologies Inc.</p>  <p>213 1st ST NW - POBOX 280 Rolla, ND 58367 701-477-3193(P) - 701-477-6579 (F) www.microlap.com</p>	Dimensions are all in mm		DWG. NO.	MS-27046									
	<p>PROPRIETARY AND CONFIDENTIAL</p> <p><small>This drawing and the information contained in the specifications are the exclusive and proprietary property of Microlap Technologies, Inc. This information and materials shall not be disclosed, divulged, reproduced, copied or used in any manner without the express written authorization of Microlap Technologies, Inc. All copies, reproductions, or other duplications of any portion of this information or materials shall include this legend.</small></p>	<table border="1"> <tr> <th>NAME</th> <th>DATE</th> </tr> <tr> <td>DRAWN MJA</td> <td>6/24/2013</td> </tr> <tr> <td>CHECKED DG</td> <td>8/5/2013</td> </tr> <tr> <td>MFG APPR. JL</td> <td>7/1/2013</td> </tr> <tr> <td>Q.A. SG</td> <td>8/6/2013</td> </tr> </table>	NAME	DATE	DRAWN MJA	6/24/2013	CHECKED DG	8/5/2013	MFG APPR. JL	7/1/2013	Q.A. SG	8/6/2013	DWG. Name.
NAME	DATE												
DRAWN MJA	6/24/2013												
CHECKED DG	8/5/2013												
MFG APPR. JL	7/1/2013												
Q.A. SG	8/6/2013												
<p>MATERIAL Ruby/Sapphire</p>		<p>FINISH: Bottom 1/3 of cup: 0.0125 micrometers Cup Flat: 0.1 micrometers Balance as machined</p>	<p>SIZE A</p>	<p>Description: Cup Jewel - Military Standard</p>	<p>REV. A</p>								
DO NOT SCALE DRAWING		SCALE:20:1	WEIGHT:	SHEET 1 OF 1									