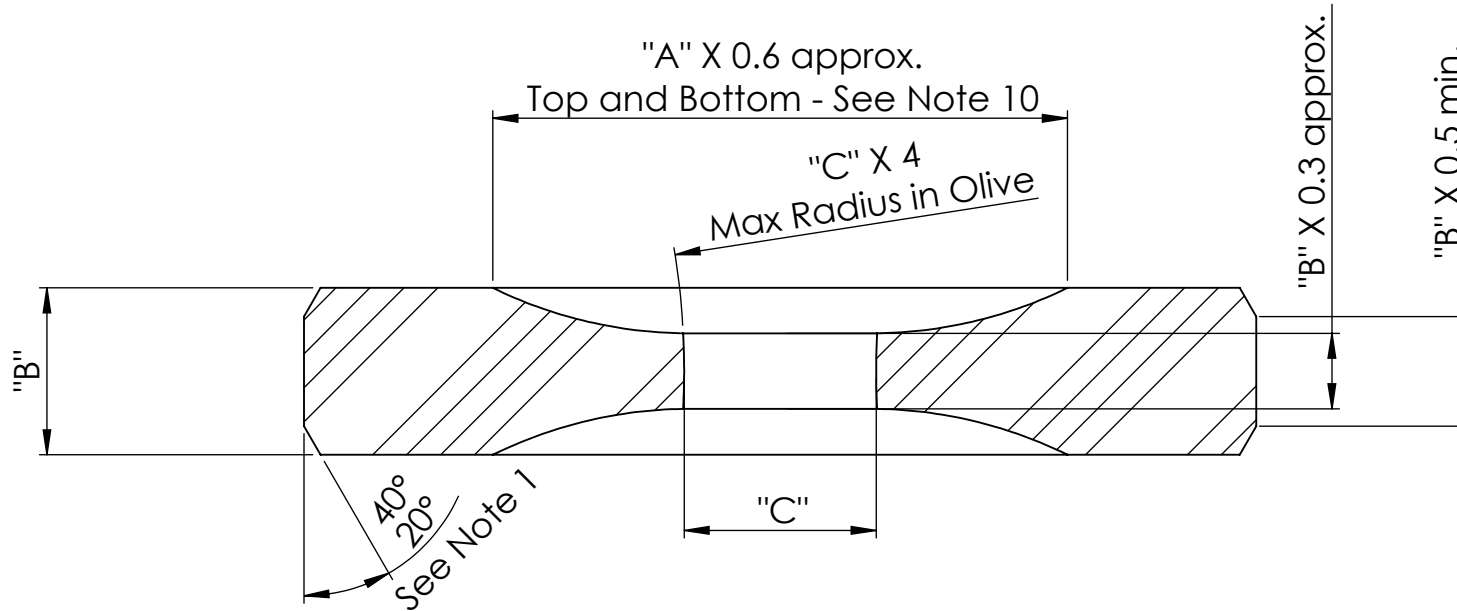



MS #	"A"		"B"		"C"		
	Inches	MM	Inches	MM	INCH	MM	
-5	0.0500	1.26 to 1.27	0.0125	0.29 to 0.34	0.0048	0.1200	0.1240
-7					0.0063	0.1600	0.1640
-9					0.0080	0.2000	0.2040
-11					0.0100	0.2540	0.2590
-13	0.0625	1.59 to 1.60	0.0200	0.45 to 0.50	0.0125	0.3180	0.3230
-14					0.0157	0.3980	0.4030
-14A					0.0183	0.4650	0.4700
-15	0.0800	2.03 to 2.04			0.0200	0.5080	0.5130
-16					0.0250	0.6350	0.6400
-17					0.0313	0.7940	0.8000



**Notes:**

1. Chamfer shape at the option of the jewel manufacturer.
2. Break all sharp corner except the intersection of cup and flat surface must be defined.
3. The flat surfaces will be parallel within 0.01 per mm of outside diameter.
4. Diameter's "A" and "C" to be round within 0.005
5. Diameter's "A" and "C" to be concentric within 0.01
6. Diameter "A" must be perpendicular to flat side within 2°
7. Flat on cup side must be large enough to align jewel in its setting.
8. Depth and shape of cup is at the option of the manufacturer.
9. Minimum diameter of olive must occur in the middle third of hole length with its plane parallel to the flat surface within 0.02 per mm of outside diameter.

<b>Microlap Technologies Inc.</b> 			Dimensions are all in mm		DWG. NO. MS-27042	
			DRAWN	MJA	DATE	10/9/2013
213 1st ST NW - POBOX 280 Rolla, ND 58367 701-477-3193(P) - 701-477-6579 (F) WWW.microlap.com			CHECKED	DG	10/9/2013	<h1>MS-27042</h1>
			MFG APPR.	JL	10/9/2013	
			Q.A.	SG	10/10/2013	
PROPRIETARY AND CONFIDENTIAL <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>			MATERIAL Ruby		Description: Olive Hole Double Cup	
DO NOT SCALE DRAWING			FINISH Face & Radius: 0.1 micrometers Balance as machined		SIZE <b>A</b>	REV. <b>A</b>
			SCALE:50:1		WEIGHT: SHEET 1 OF 1	