



NO	REV	ZONE	CHANGED FROM	DR	CHK	DATE
0012508	A 1		RELEASED FOR TOOLING REDESIGNED AND REDRAWN			RL 09-13-05
0016590	2	C-3	ADDED NOTE	SS	LS	
			RELEASED TO PRODUCTION			RL 11-18-05
	1	D-7	25.5			
	2	C-4	ADDED NOTE			
0019250	3	H-8	0.0127 - 0.0254			
			MAX DIAMETER 51 MM AT			
	3	C-3	2.00 MM CRUSH	SS	LS	04-11-06
	6	C-6	ADDED ASTERISK NOTE WAS MATERIAL: C1018 C.D. SOLID BAR, C1026 DOW WELDED SRA TUBING, C1026 DOW WELDED			
0037682	1	C-3	SRA TUBING			
	2	C-3	ADDED NOTE			
	3	9-8	ADDED NOTE STEEL TUBING PER ASTM A513, A519 SAE 1015, 1020 MANIPULATED DRAIN STRESS RELIEVED	VIDM80	04-13-09	
	3		70-90 RB			
004386	3	C-3	UPDATE HARDNESS NOTE			
	3	G-4	REMOVED NOTE "MAGAL 2.1"	MS	PAR	08-08-11

**NOTES:**

- ▶ PART MUST BE FREE FROM BURRS AND SHARP EDGES
- ▶ THESE DIMENSIONS ARE FOR REFERENCE AND MAY BE MODIFIED TO MEET THE LOAD AND DEFLECTION REQUIREMENTS
- ▶ MAX DIAMETER 52.25 MM AT 2.00 MM CRUSH

**MATERIAL:**

- ▶ 1/2" O.D. TUBING PER ASTM A513, A519
- ▶ SAE 1015, 1020 MANDREL DRAWN
- ▶ STRESS RELIEF ANNEAL TO PROVIDE EASY TO WELD MICROSTRUCTURE SHOWING NO COLD WORK 70-90 HRB

**HARDNESS:**

- ▶ 46-59 RA AT LOCATION AFTER FORMING.
- ▶ HARDNESS IS FOR QC REFERENCE ONLY.
- ▶ HARDNESS OUTSIDE THIS RANGE MAY BE USED.

[illegible]