



SECTION A-A

**MAKE BRASS NEEDLE VALVE BODY FIRST.
 SCREW IT INTO THE SPRAY BAR UNTIL IT BOTTOMS OUT, THEN BACK OFF TWO FULL TURNS
 FIND A STEEL DARNING NEEDLE THAT WILL JUST FIT THRU THE .058" HOLE IN THE NEEDLE VALVE BODY, AND SHOVE
 IT DOWN THRU THE HOLE UNTIL IT SEATS COMPLETELY IN THE SPRAY BAR AND WILL GO NO FARTHER.
 SOLDER WHERE INDICATED WHILE ASSEMBLED AND THEN TRIM OFF EXCESS NEEDLE.
 NOTE--THESE NEEDLES COME WITH SOME KIND OF COATING ON THEM THAT INHIBITS SOLDER FROM STICKING TO THEM
 SO THEY SHOULD BE SOAKED IN PAINT LOLVENT (HOT LAQUER THINNER) OVERNIGHT TO LOOSEN THE COATING AND
 THEN LIGHTLY SANDED IN THE AREA TO BE SOLDERED**

RUPNOW MACHINE AND AUTOMATION DESIGN 1095 CARSON ROAD BARRIE, ONT. L4M4S5 Tel: (705) 734-6271 Fax: (705) 734-6271 EMAIL brupnow@rogers.com	UNLESS OTHERWISE SPECIFIED			MATERIAL:	DESIGNED BY:	PART DESCRIPTION							
	UNITS:	INCHES	TOLERANCES		HARDNESS:	DRAWN BY:	BRIAN RUPNOW						
	ROUGHNESS, Ra:	63 MICROINCHES	FRACTIONS ± 1/32	0. ±.05	COATING:								
	REMOVE ALL SHARP EDGES		0.0 ±.03	0.00 ±.01	CUSTOMER:		PART NUMBER						
THIRD ANGLE PROJECTION		0.0000 ±.005 UNLESS MARKED				ASSY-JAG NEEDLE VALVE							
		THEN ±.0005 ANGULAR TOLERANCES ±0°15'				SIZE	SCALE	MASS	JOB NO.	QTY	LAST REV	DATE PRINTED	SHEET 1 OF 1
						B	4:1			1	0	04/07/2014	