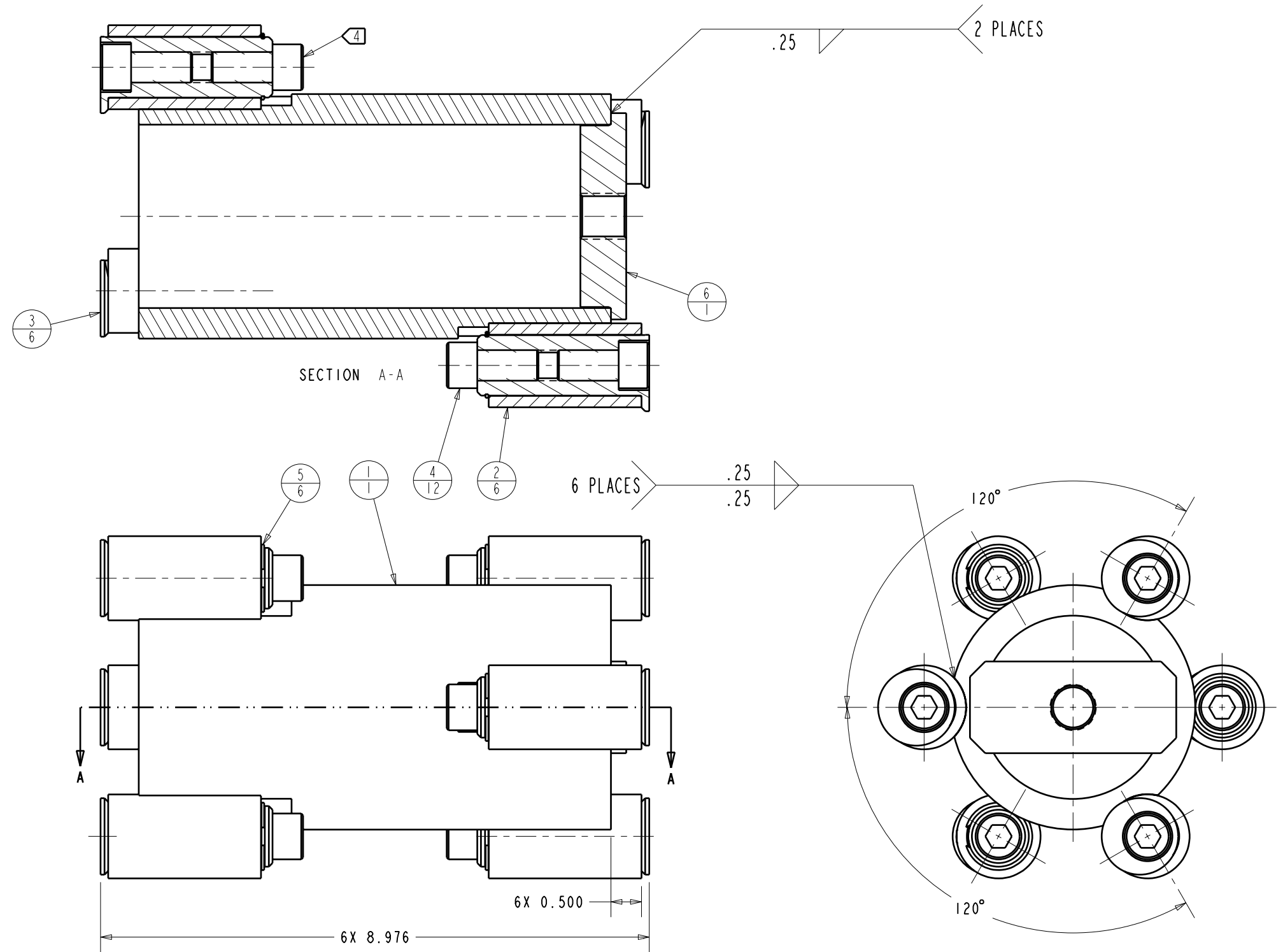


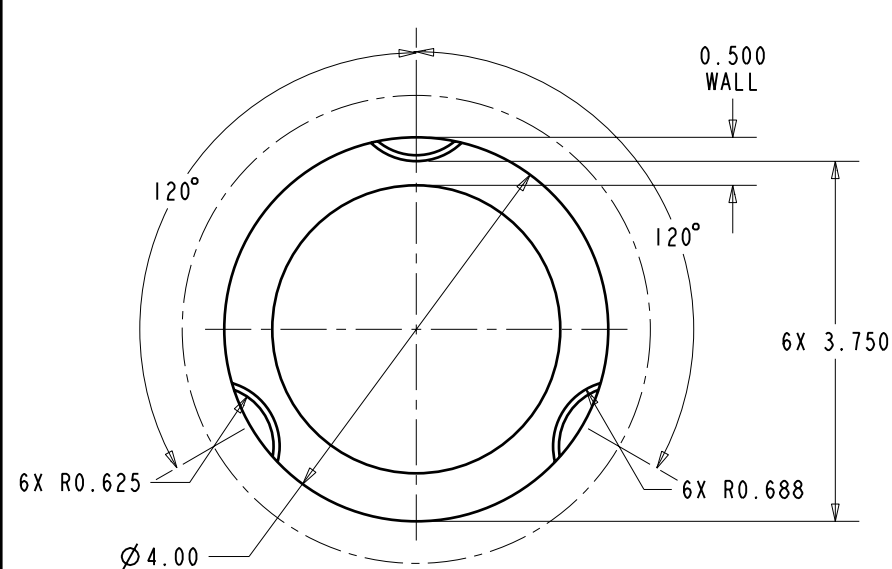
BILL OF MATERIAL			
ITEM	PART NO.	DESCRIPTION	QTY
1	251868-1	ROUND MECHANICAL STEEL TUBING 4.00 X .50 WALL	1
2	251868-2	ROUND MECHANICAL STEEL TUBING 1.375 X .188 WALL	6
3	251868-3	1.25 DIA. C1144 STRESS PROOF, ALT. ET150 OR EQUAL	6
4	251868-4	SOCKET HEAD CAPSCREW, 1/2-13 X 1.00 LG.	12
5	251868-5	SNAP RING EXTERNAL (SMALLEY FSE-0100)	6
6	251868-6	1018 COLD DRAWN FLAT 3/4 X 1.50	1

ITEM	PART NO.	DESCRIPTION	QTY
1	251868-1	ROUND MECHANICAL STEEL TUBING 4.00 X .50 WALL	1
2	251868-2	ROUND MECHANICAL STEEL TUBING 1.375 X .188 WALL	6
3	251868-3	1.25 DIA. C1144 STRESS PROOF, ALT. ET150 OR EQUAL	6
4	251868-4	SOCKET HEAD CAPSCREW, 1/2-13 X 1.00 LG.	12
5	251868-5	SNAP RING EXTERNAL (SMALLEY FSE-0100)	6
6	251868-6	1018 COLD DRAWN FLAT 3/4 X 1.50	1



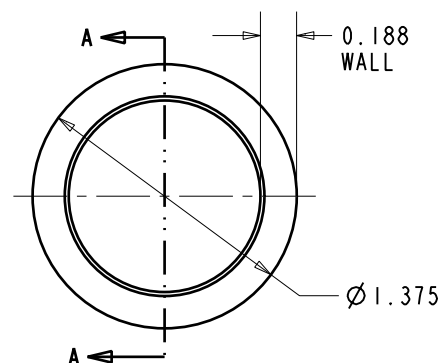
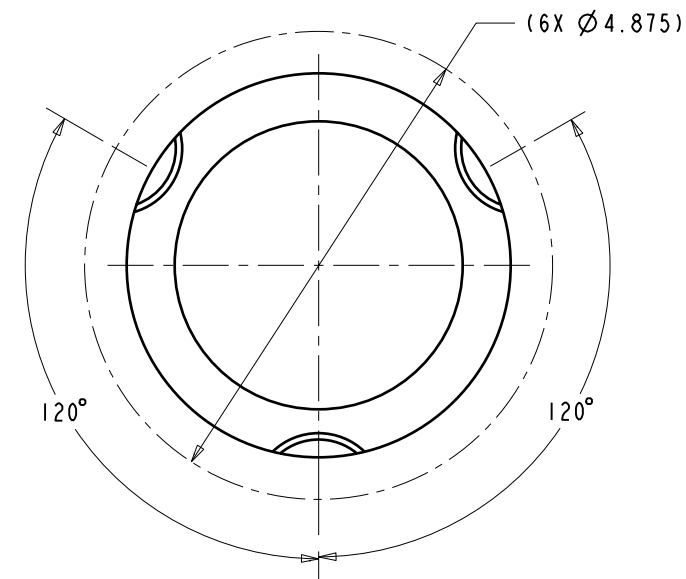
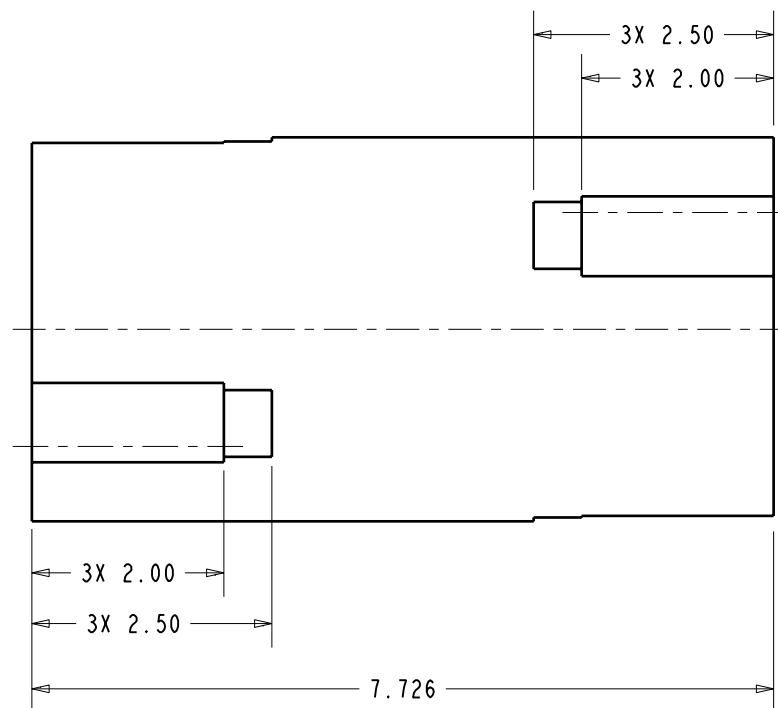
1. MATERIAL: SEE B. O. M.
2. ALL WELDS PER "AWS" RECOMENDATIONS.
3. REMOVE ALL WELD SPATTER, SHARP EDGES AND BURRS.
4. APPLY A PERMANENT LOCKING LOCTITE TO THE THREADS ON THE 1/2-13 SOCKET HEAD CAPSCREWS.
5. APPLY LIBERAL AMOUNT OF GREASE TO THE PINS BEFORE INSTALLING.

REV	CHANGED FROM	BY	DATE	APVD	REPORT ERRORS & CHANGES REMOVE ALL SHARP EDGES DIMENSIONS ARE IN INCHES. UNSPECIFIED TOLERANCES: DECIMALS: FINISH: ANGLES: TITLE					
A	RELEASED	PEI	8/08/08		Powertrain Engineers Inc W293 N3819 Round Hill Circle Pewaukee Wi, 53072					
					TITLE					
					.X ±0.030 125/ < ±.5° .XX ±0.020 .XXX ±0.010					
					ASSEMBLY TOOL, CARRIER PLANET BEARINGS					
					COPYRIGHT © NOT TO BE REPRODUCES OR USED TO MAKE OTHER DRAWINGS OR MACHINERY.		SIZE B	FIRST USED ON	DWG NO. 251868	REV A
					DRAWN CHECKED	PEI	DATE 8/08/08	SCALE: 0.500	WEIGHT: 19.190 lbs	SHEET 1 OF 2



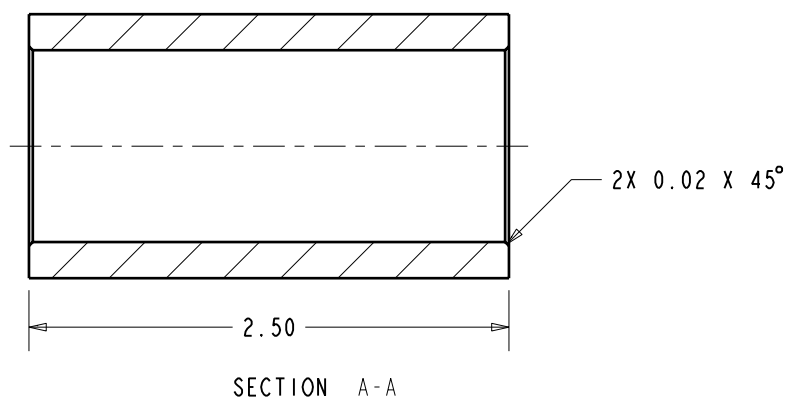
DETAIL ITEM - 1

SCALE 0.500
MATERIAL: ROUND MECHANICAL STEEL TUBING 4.00 X .50 WALL
WEIGHT: 11.376

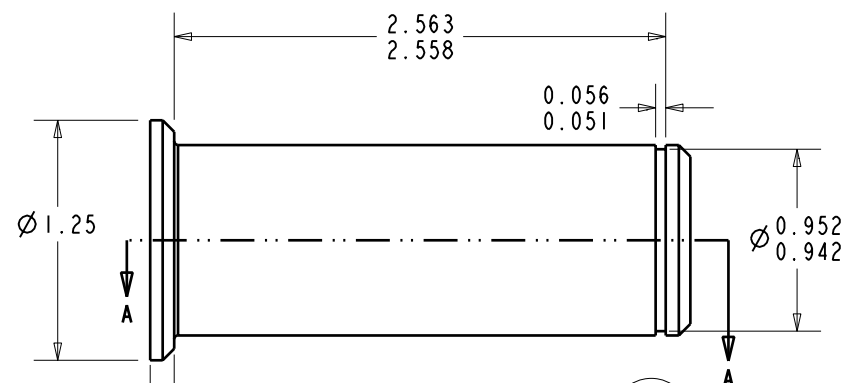
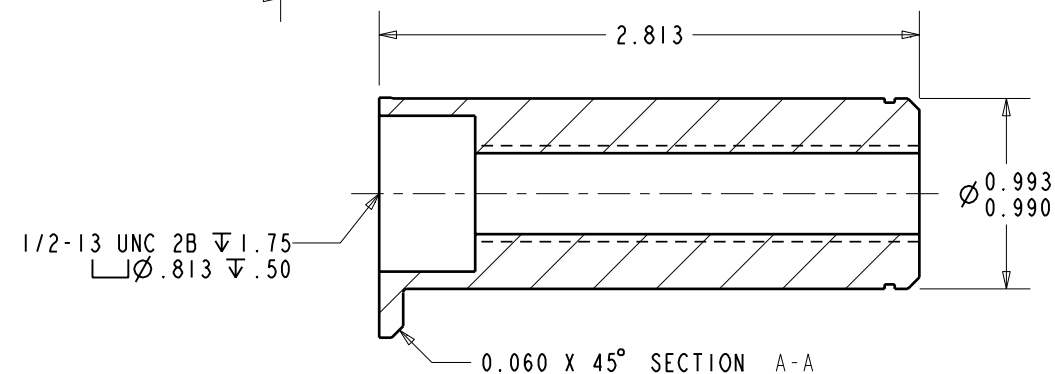


DETAIL ITEM - 2

SCALE 1.000
MATERIAL: ROUND MECHANICAL STEEL TUBING 1.375 X .188 WALL
WEIGHT: 0.496

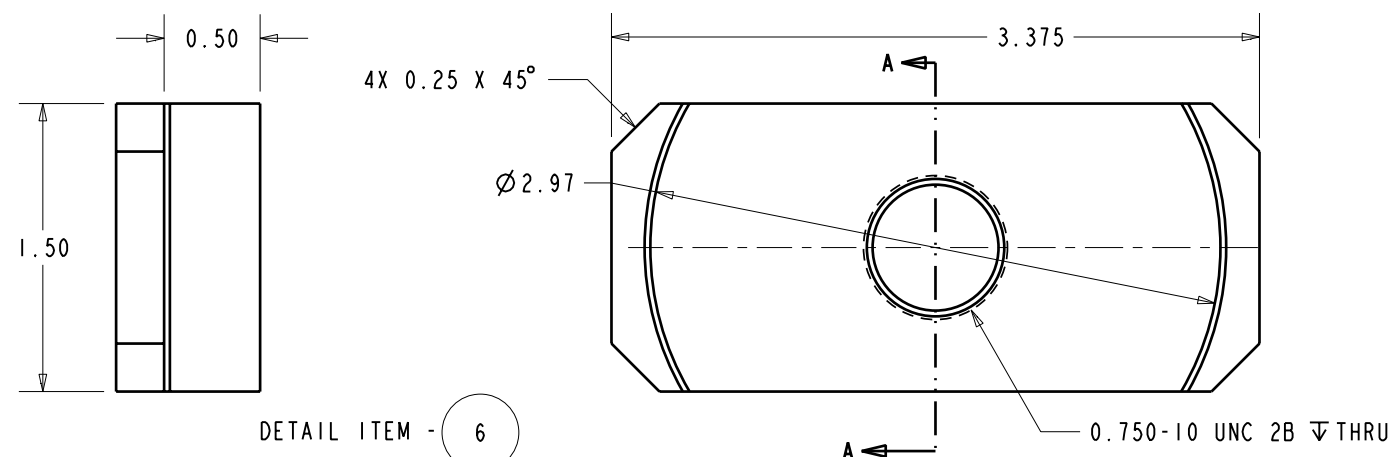
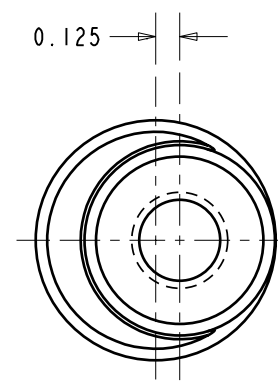


SECTION A-A



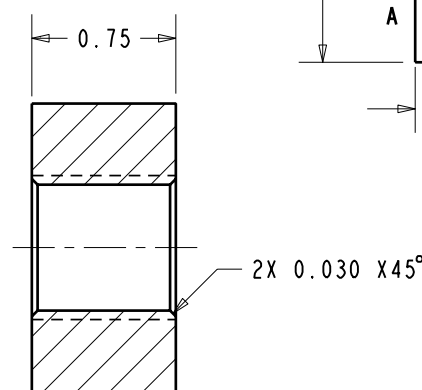
DETAIL ITEM - 3

SCALE 1.000
MATERIAL: 1.25 DIA. C1144 STRESS PROOF, ALT. ET150 OR EQUAL
WEIGHT: 0.462



DETAIL ITEM - 6

SCALE 1.000
MATERIAL: 1018 COLD DRAWN FLAT 3/4 X 1.50
WEIGHT: 0.880



SECTION A-A

REPORT ERRORS & CHANGES REMOVE ALL SHARP EDGES DIMENSIONS ARE IN INCHES. UNSPECIFIED TOLERANCES: DECIMALS: FINISH: ANGLES:			Powertrain Engineers Inc W293 N3819 Round Hill Circle Pewaukee Wi, 53072		
.X ±0.030 .XX ±0.020 .XXX ±0.010			TITLE ASSEMBLY TOOL, CARRIER PLANET BEARINGS		
COPYRIGHT © NOT TO BE REPRODUCED OR USED TO MAKE OTHER DRAWINGS OR MACHINERY.			SIZE B	FIRST USED ON	DWG NO.
DRAWN CHECKED			DATE 8/08/08	SCALE: 0.500	WEIGHT: 19.190 lbs
			SHEET 2 OF 2		