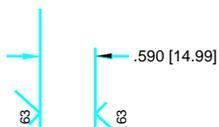


4 3 2 1

D

D

[g,.003,A]

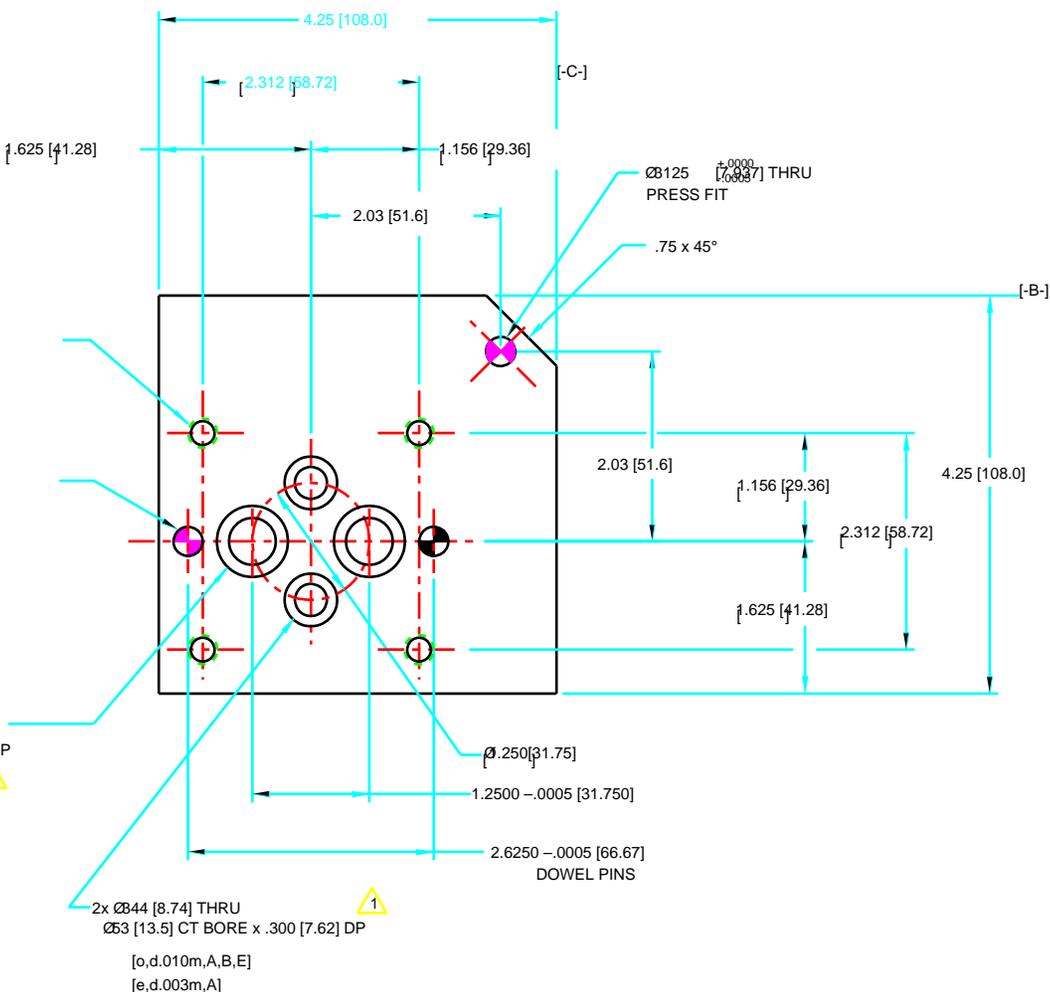


[-A-]

1
4x 5/16-24 UNF THD THRU
[o,d.010m,A,B,D]
[e,d.003m,]

2x Ø125 $\begin{matrix} +.000 \\ -0.007 \end{matrix}$ THRU
PRESS FIT
[o,d.003m,A,B,C]
[e,d.001m,A]
[-D-]

2x Ø500 $\begin{matrix} +.000 \\ -0.000 \end{matrix}$ THRU
Ø760 [19.30] CT BORE x .300 [7.62] DEEP
180° APART
[o,d.003m,A,B,D]
[e,d.001m,A]
[-E-]



NOTES:

- KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
- WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
 - A) CIMCOOL 5 STAR 49
 - B) TRIM SOL
- ALL DIMENSIONS WITH ARE MILLIMETERS

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
1	5/16-24 WAS 3/8-24;	J.G.		
1	.300 WAS .320;	J.G.		
	REVISIONS			

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY																				
PARTS LIST																								
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		LOG NUMBER A1443301	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY																					
TOLERANCES																								
DECIMALS	ANGULAR	<table border="1"> <tr> <td>DRAWN BY J.GOGOL</td> <td>DATE 10/19/93</td> <td>CHIEF DESIGN ENGINEER D.SHU</td> <td>DATE 3/29/94</td> <td>TITLE ADVANCED PHOTON SOURCE A4 HEAVY LOAD PNEUMATIC 35mm - 8" LINEAR ACTUATOR BELLOWS & ROD UPPER MTG. PLATE</td> </tr> <tr> <td>CHECKED BY J.CHANG</td> <td>DATE 3/29/94</td> <td>GP LEADER T.M.KUZAY</td> <td>DATE 4/1/94</td> <td></td> </tr> <tr> <td>DESIGNER J.GOGOL</td> <td>DATE 10/19/93</td> <td>PROJECT MGR.</td> <td></td> <td></td> </tr> <tr> <td>RESPONSIBLE ENGINEER J.CHANG</td> <td>DATE 3/29/94</td> <td>APPROVED/RELEASED</td> <td></td> <td></td> </tr> </table>			DRAWN BY J.GOGOL	DATE 10/19/93	CHIEF DESIGN ENGINEER D.SHU	DATE 3/29/94	TITLE ADVANCED PHOTON SOURCE A4 HEAVY LOAD PNEUMATIC 35mm - 8" LINEAR ACTUATOR BELLOWS & ROD UPPER MTG. PLATE	CHECKED BY J.CHANG	DATE 3/29/94	GP LEADER T.M.KUZAY	DATE 4/1/94		DESIGNER J.GOGOL	DATE 10/19/93	PROJECT MGR.			RESPONSIBLE ENGINEER J.CHANG	DATE 3/29/94	APPROVED/RELEASED		
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.X - .03	.25	MATERIAL SST 304																						
.XX - .01		SCALE 1:1																						
.XXX - .005		SHEET 1 of C																						
SURFACE ROUGHNESS 125 ✓		DRAWING NUMBER P4105090104-820202-01																						
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.		DO NOT SCALE DRAWING																						
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1																								
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5																								

A

A

4 3 2 1