

**NOTE**

INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5  
 DIMENSIONS ARE IN INCHES UNLESS OTHERWISE INDICATED.

DRAWING DEPICTS FINAL MACHINED STATE OF ASSEMBLY.  
 MANUFACTURING TO DETERMINE MATERIAL ALLOWANCES  
 REQUIRED TO ACHIEVE FINAL MACHINED STATE.

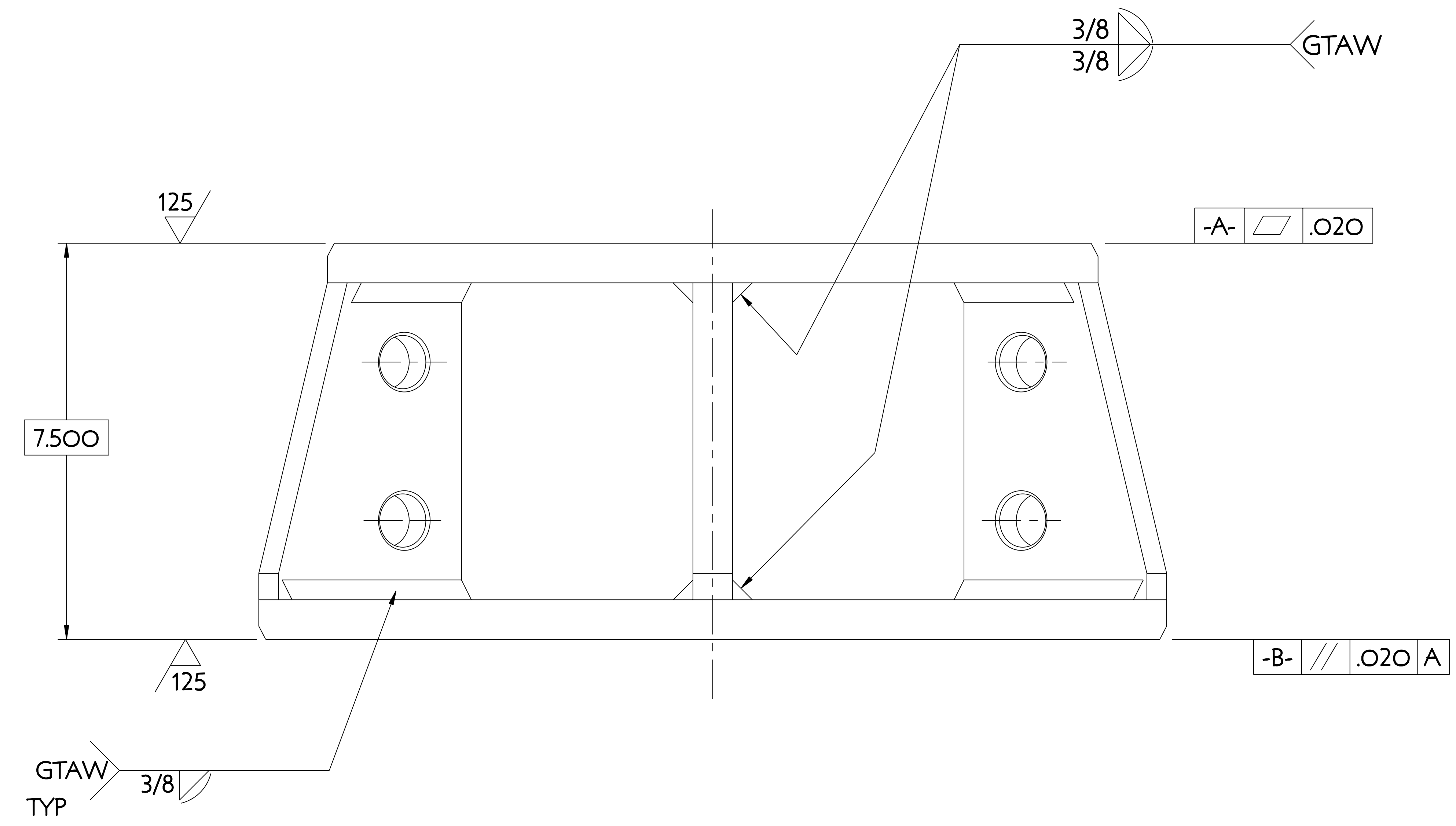
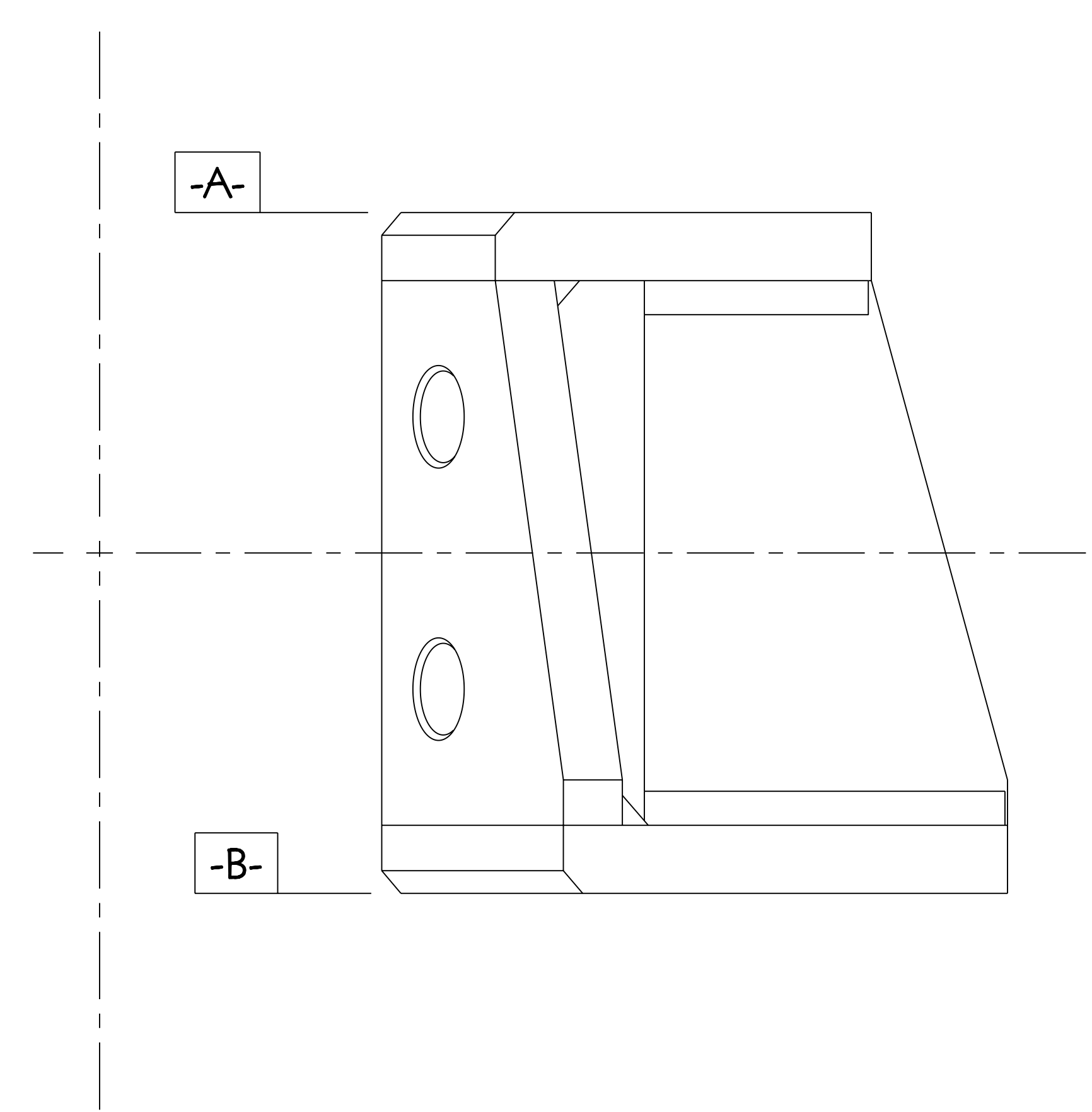
WELDING SHALL BE PERFORMED IN ACCORDANCE  
 WITH THE REQUIREMENTS OF AWS D1.6. WELDING  
 PERFORMED ONSITE SHALL ALSO MEET THE REQUIREMENTS  
 OF PPPL PROCEDURE ENG-037.

VISUAL WELD INSPECTION SHALL BE PERFORMED  
 IN ACCORDANCE WITH THE ACCEPTANCE CRITERIA  
 OF AWS D1.6.

NOTE ORIENTATION OF ALL PARTS PRIOR TO WELDING.

**REFERENCE PERMEABILITY:**

BASE MATERIAL	1.05
FABRICATED PART	1.2
WELD	2.0



PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY RECD
4	SE132-240-4	CENTER SOLENOID END SUPPORT GUSSET PLATE WITH HOLES	304 STN STL	2
3	SE132-240-3	CENTER SOLENOID CENTER SUPPORT GUSSET PLATE	304 STN STL	1
2	SE132-240-2	CENTER SOLENOID END SUPPORT PLATE 2	304 STN STL	1
1	SE132-240-1	CENTER SOLENOID END SUPPORT PLATE 1	304 STN STL	1

**PARTS LIST**

COMPUTER GENERATED DRAWING CHANGES NOT PERMITTED	CENTRAL FILES:	PRINCETON PLASMA PHYSICS LABORATORY	
Pro E	UNLESS OTHERWISE SPECIFIED	NATIONAL COMPACT STELLARATOR EXPERIMENT	
DO NOT VERIFY INFORMATION BY SCALING DRAWING	DIMENSIONS ARE IN INCHES MACHINE SURFACES	STELLARATOR CORE CONVENTIONAL COILS	
SCALE 0.750	TOLERANCES NON-CUMULATIVE	DSN: J. RUSHINSKI	DRAWING NO:
NEXT ASSEMBLY	DECIMAL-INCH FRACTIONS	ENGR: F. DAHLGREN	<b>SE132-212</b>
	XXX +/- .005 72"-120" +/- .124 ANGLAR +/- 0°-15' OVER 120" +/- .124	SUPV:	SHEET 1 OF 1 REV 0

**RELEASE LEVEL: WIP**  
**DWG VERSION NO: 6**

WEIGHT	34.2 lbs
MODEL NAME	SE132-212
WELDING ENGINEER	

NCSX-SE132-212