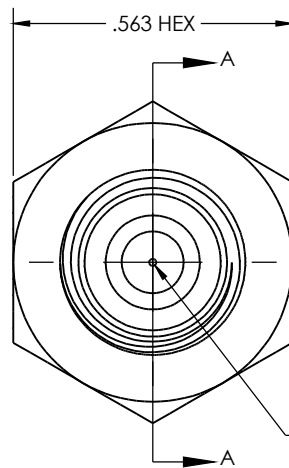


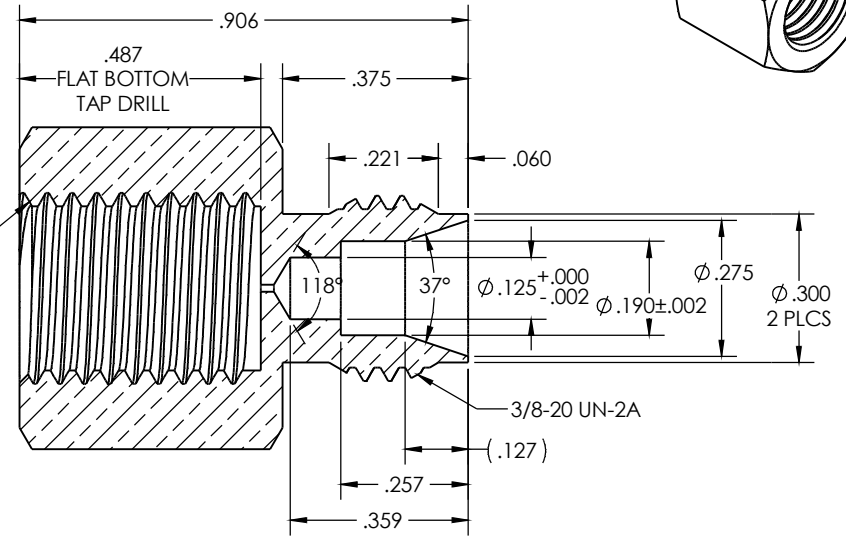
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REVISIONS			
REV.	DESCRIPTION	DATE	ECN NO.
A	RELEASE TO PRODUCTION	12/27/17	18-055
B	.015 ORIFICE WAS .022; ADDED NOTE 7	02/27/18	18-153
C	MADE THRU HOLE REFERENCE	06/01/18	18-411

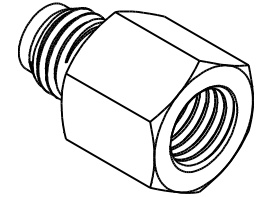


1/8-27 NPTF  
45° CHAMFER

7  $\phi .0142$  REF THRU



SECTION A-A  
SCALE 4 : 1



- NOTES:
- PART TO BE CLEAN AND FREE OF BURRS.
  - BREAK ALL UNMARKED CORNERS .005.
  - ALL UNMARKED MACHINED SURFACES  $\sqrt{63}$  MAX.
  - ALL THREADS TO HAVE A 45° CHAMFER ON LEADING EDGE, 1 TO 1 1/2 THREADS LONG.
  - ALL DIAMETERS MARKED "H" TO BE CONCENTRIC WITHIN .003 TIR.
  - MATERIAL: BRASS MUST CONFORM TO ASTM B16 MECHANICAL AND CHEMICAL CERTS REQUIRED
  - FLOW THROUGH ORIFICE SHOULD MEASURE 2.8 - 3.1 LPM AT 20 PSIG INLET, AMBIENT OUTLET.

ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	QTY REQD.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		
FRACTIONS DECIMALS ANGLES		APPROVALS DATE		
$\pm .015$ $\pm .02$ $\pm 1^\circ$		DRAWN LK 12/27/17		
$\pm .005$ $\pm .005$		CHECKED		
MATERIAL UNS C36000 HO2 BRASS		RESP ENG		
FINISH		MFG ENG		
DO NOT SCALE DRAWING		MASS 0.036 LBS		
SIZE B		DWG. NO. FT13801		
SCALE 2:1		CAD FILE: C:\2018 Control Devices\Drawings\Part Drawings - Control Devices\ SHEET 1 OF 1		

**Control Devices LLC**  
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BODY, ORIFICE/FILTER ASSY

REV C