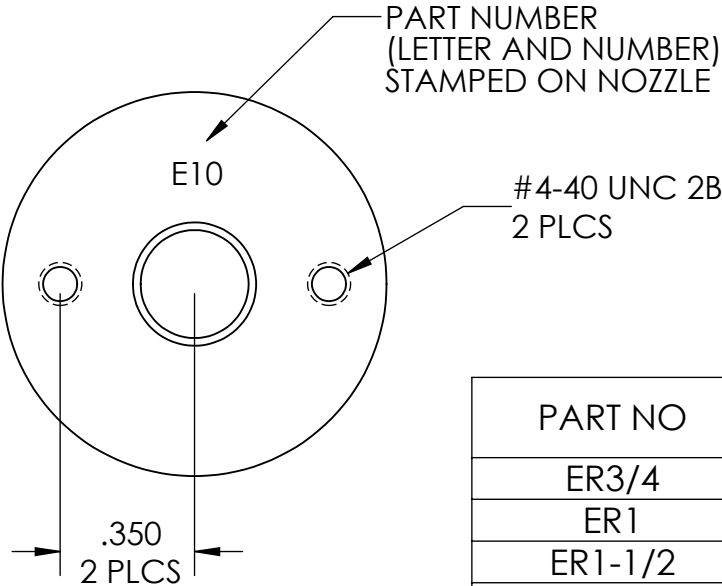
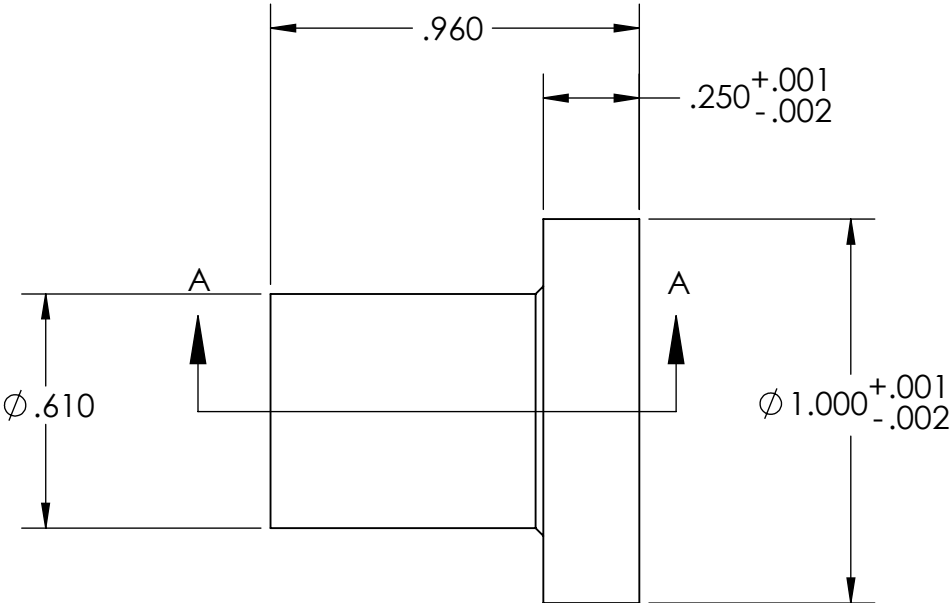
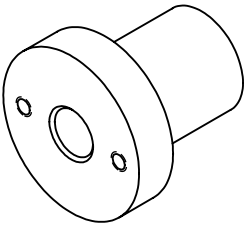
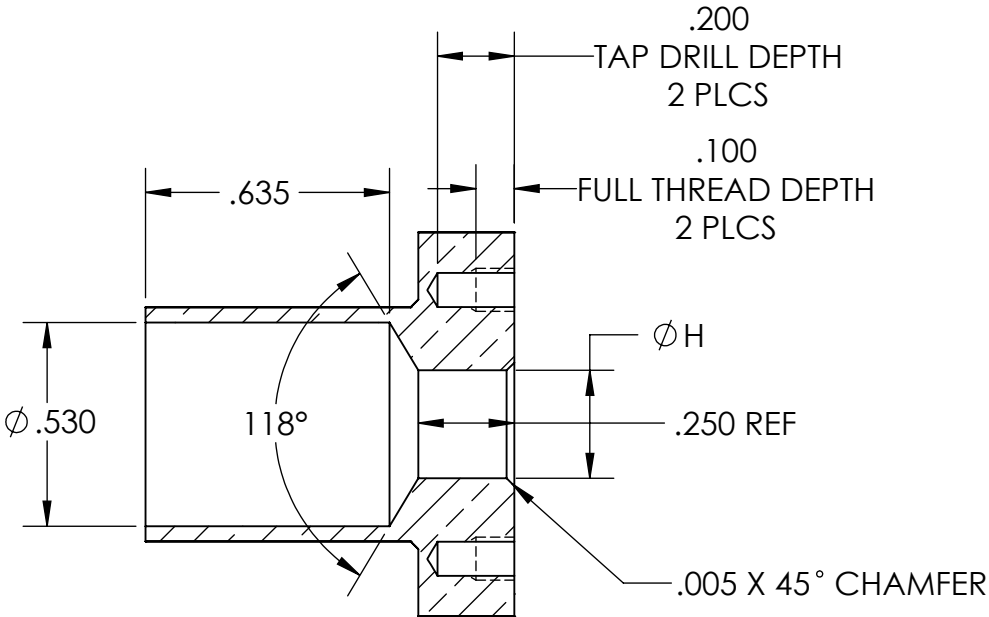


THIS DOCUMENT CONTAINS PROPRIETARY AND CONFIDENTIAL INFORMATION OF CONTROL DEVICES LLC AND MUST BE USED STRICTLY IN ACCORDANCE WITH THE LIMITED PURPOSE FOR WHICH IT WAS SUBMITTED. ANY REPRODUCTION, DISCLOSURE OR USE OF THIS DOCUMENT IS EXPRESSLY PROHIBITED, EXCEPT AS OTHERWISE AGREED IN WRITING.

REVISIONS			
REV.	DESCRIPTION	DATE	ECN NO.
A	RELEASED TO PRODUCTION	5/22/14	14-209



PART NO	ORIFICE DIA. H (+.003/-0.001)	DRILL SIZE (REF)
ER3/4	.086	44
ER1	.0995	39
ER1-1/2	.120	31
ER1-3/4	.1285	30
ER2	.1406	9/64
ER2-1/2	.157	22
ER3	.172	11/64
ER4	.199	8
ER5	.221	2
ER6	.242	C
ER8	.2656	17/64
ER10	.2812	9/32
ER12	.3125	5/16
ER15	.348	S
ER17	.368	U
ER20	.404	Y
ER-BLNK	- LESS THRU HOLE, LESS DIA .530 HOLE - WITH ORIFICE DRILL POINT	



SECTION A-A

- 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 TO BE STRESS RELIEVED (550° F FOR 1 HOUR MIN)

ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION		MATERIAL SPECIFICATION	QTY REQD
PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:  FRACTIONS    DECIMALS    ANGLES  ± .015            .XX±.02            ± 1° .XXX ± .005		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		<div>Control Devices LLC</div> <div>1555 LARKIN WILLIAMS RD FENTON, MISSOURI 63026</div>	
		APPROVALS	DATE		
		DRAWN JP	2/25/13		
		CHECKED			
MATERIAL		RESP ENG	NOZZLE, R-TYPE		
UNC C36000 H02 BRASS					
FINISH					
SEE NOTE 6		MFG ENG			
DO NOT SCALE DRAWING		MASS			
		LBS			
			SIZE B	DWG. NO. NZER001	REV. A
			SCALE 2:1 CAD FILE: C:\cd controlled documents\drawings\part drawings controlled\used drawings\Nozzles\		
			SHEET 1 OF 1		