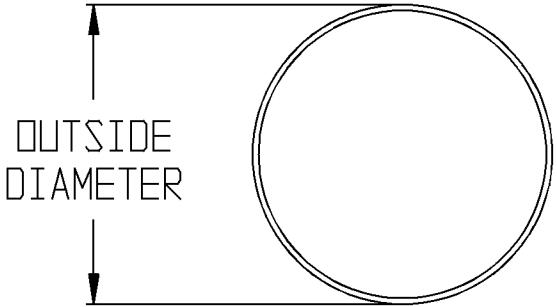


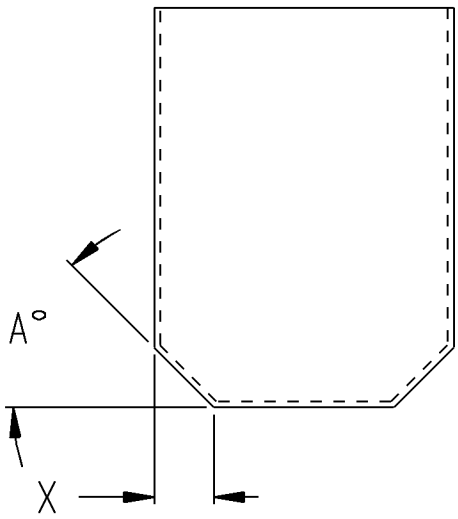
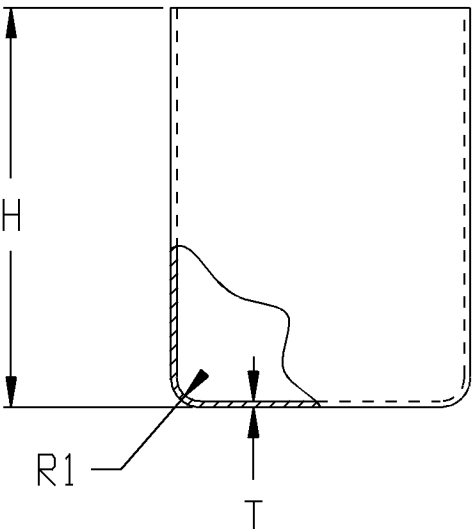
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	10/12/05	H. CHOW
B	1. REMOVED SHTS 3 THRU 8 2. CHANGED HEIGHT TO BE IN INCHES	6/2/14	C. READ



OUTSIDE
DIAMETER

STANDARD

SPECIAL
(SPECIAL ORDER ONLY)



SEE CATALOG FOR DIMENSIONALS

THIS DRAWING IS FOR REFERENCE ONLY, SEE CATALOG FOR ALL AVAILABLE PART NUMBERS.
SEE NOTE 6 FOR PROPER ORDERING INFORMATION.

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BOTH SHEETS OF DRAWING HAVE THE SAME REV LTR	
MATERIAL	NOTED
FINISH	NONE
DO NOT SCALE DRAWING	

ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED	
APPROVALS	DATE MM/DD/YY
DRAWN R.S.H.	7/6/05
CHECKED H. CHOW	10/12/05
ISSUED J. MIYA	10/12/05
FILE ZP22755S1.ckd	

ZERO

ZERO MANUFACTURING, INC.
North Salt Lake, UT 84054

DEEP DRAWN ENCLOSURES (ROUND)

SIZE	CAGE NO.	DWG. NO.
A	98376	ZP22755
SCALE 1:1	SHEET 1 OF 2	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	10/12/05	H. CHOW
B	SEE SHT 1	6/2/14	C. READ

NOTES:

1. MATERIAL THICKNESS: (T)
 THICKNESS SHOWN IS THE NOMINAL DIMENSION OF THE BLANK BEFORE DRAWING. ACTUAL WALL THICKNESS OF AN AVERAGE ENCLOSURE IS NORMALLY 75% OR MORE OF THE NOMINAL BLANK THICKNESS. (DEPENDENT ON DEPTH OF DRAW, NUMBER OF DRAWS, AND NET BLANK THICKNESS).

2. ALTERNATE ALLOYS AND HEAT-TREATING:
 MOST ENCLOSURES CAN BE DRAWN ON STOCK TOOLING USING ANY DRAWABLE ALUMINUM ALLOY. WHEN 6061-0 ALLOY IS DRAWN IT CAN BE HEAT-TREATED TO A -T4 OR -T6 CONDITION (HARDNESS).
 ALLOY CHANGE OPTIONS: AL11 = 1100-0, AL30 = 3003-0, AL60 = 6061-0.

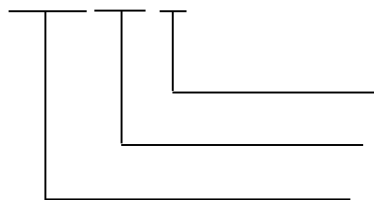
3. STANDARD ENCLOSURE TOLERANCES:
 A. OUTSIDE DIM UP TO 6" ±.02
 B. OUTSIDE DIM 6" TO 24" ±.03
 C. OUTSIDE DIM OVER 24" ±.06
 D. RADIUS TOLERANCE ±.03


4. BOW TOLERANCES:
 BOWING, OR "DIL-CANNING", MAY OCCUR IN THE BASE OR ANY SIDE OF THE DEEP DRAWN ENCLOSURE PARTICULARLY WHEN MULTIPLE DRAWING OPERATIONS ARE PERFORMED. TOLERANCES FOR THIS BOW CONDITION ARE ADDITIVE TO BASIC DIMENSIONAL TOLERANCES:
 BASIC SIZE * MAXIMUM BOW **
 UP TO 6" 0.03"
 OVER 6" TO 12" 0.06"
 OVER 12" 0.12"
 * THE BOW CONDITION WILL BE CHECKED BY PLACING A STRAIGHT EDGE ACROSS THE TANGENT POINTS OF THE CORNER RADII OF THE SIDE OR BOTTOM OF THE ENCLOSURE, AND MEASURING THE MAXIMUM DEVIATION FROM THE STRAIGHT EDGE TO THE SURFACE OF THE METAL. THIS APPLIES TO EITHER A CONCAVE OR CONVEX CONDITION.
 ** THE BASIC SIZE REFERS TO THE ENCLOSURE WIDTH OR LENGTH. THE MAXIMUM ALLOWABLE BOW WILL BE DETERMINED BY THE LARGER OF THE TWO DIMENSIONS FOR ANY GIVEN SIDE, AND BY THE SMALLER OF THE TWO DIMENSIONS FOR THE BOTTOM.

5. REMOVE ALL BURRS AND SHARP EDGES.

6. ORDERING INFORMATION: ORDER BY PART NUMBER.
 EXAMPLE OF PART NUMBER CALLOUT:

ZTR37A-3.00-T6



ALLOY CHANGE/HEAT TREAT 
 TRIM HEIGHT IN INCHES (SEE CATALOG FOR MIN/MAX TRIMS)
 BASIC ENCLOSURE PART NUMBER (STOCK OR NON-STOCK - SEE CATALOG)

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 North Salt Lake, UT 84054

SIZE	CAGE NO.	DWG. NO.
A	98376	ZP22755
SCALE 1:1		SHEET 2 OF 2

DO NOT SCALE DRAWING

FILE