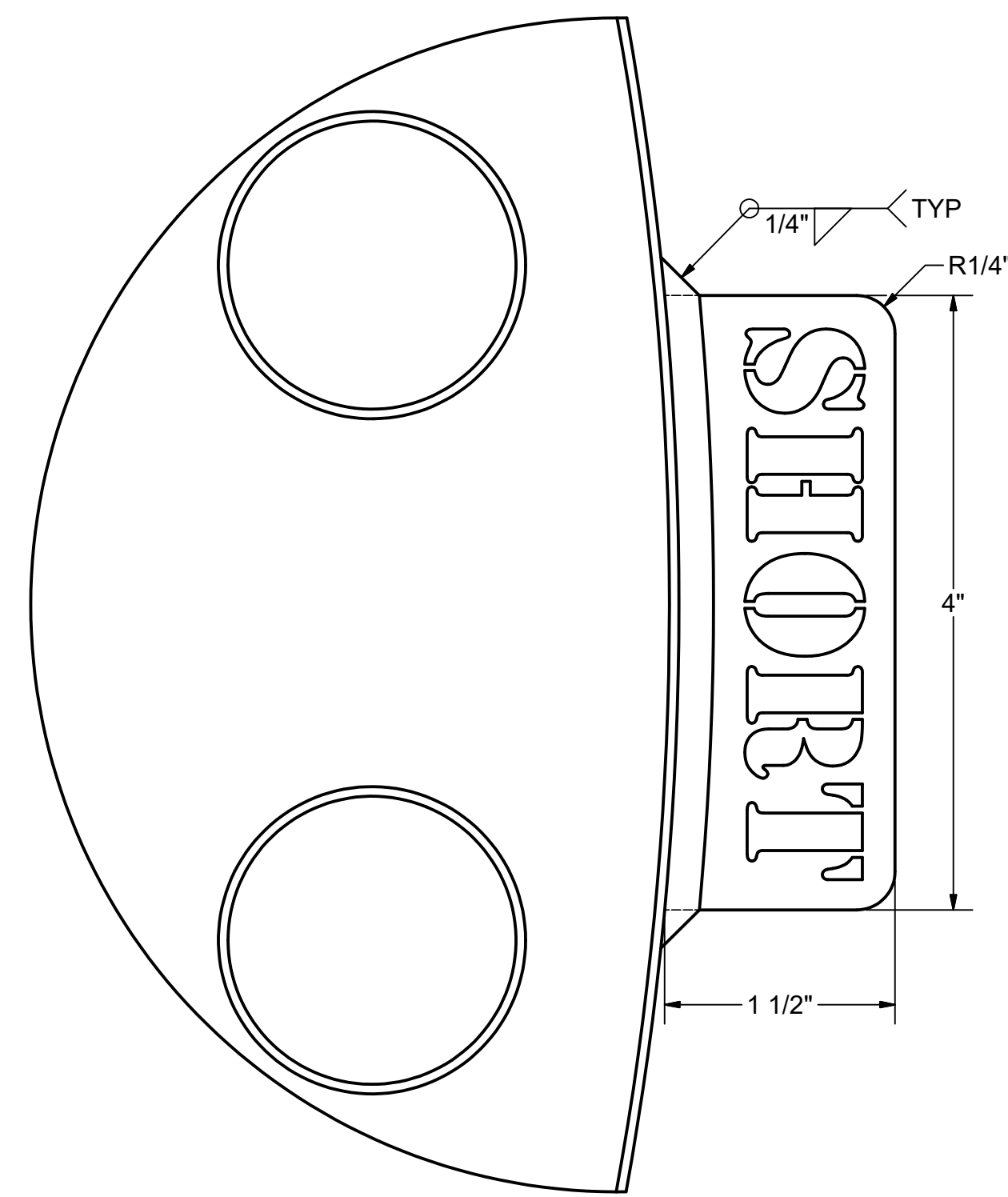


<u>SPOOL TAG DATA</u>	
SUNCOR TAG No.:	300D-6A
SPOOL No.:	
LINE No.:	
DWG# / VP:	
NOMINAL SIZE:	30"
COMPOSITION:	STEEL CASING, HCWI LINER
MANUFACTURER:	PENTICTON FOUNDRY / ALCO
FABRICATION DATE:	MM/DD/YYYY


DESIGN CODE:	ASME B13.3
SERVICE / SPEC.:	
DESIGN PRESSURE:	532 psig (3,670 kPag)
DESIGN TEMPERATURE:	80°C
TEST PRESSURE:	N/A
WEIGHT EMPTY:	2,390 lbs. (10.63 kN)
WEIGHT FILLED:	N/A
REF. ISO:	
LINE No.:	
SPOOL No.:	



BILL OF MATERIAL			
ITEM	ITEM QTY	PART NUMBER	DESCRIPTION
1	1	A1-19010-200-02 HCWI nozzle insert	30" HCWI NOZZLE, ASTM A532 CLASS III TYPE A, PF#
2	1	A1-19010-200-01 30in CL300 RFBL flange - thinned	Ø30" CLASS 300 RFBL FLANGE, A516 Gr.70N, ASME B16.47 Ser.A, 50mm THICK
3	1	A1-19010-100-03 Tab - SHORT	4" x 1 1/2" x 1/2" PLATE, A516 Gr.70
4	1	A1-19010-100-04 Tab - LONG	4" x 1 1/2" x 1/2" PLATE, A516 Gr.70
5	2	ANSI B18.3 - 3/4-10 UNC x 0.75	3/4"-NC x 3/4" SOCKET HEAD SET SCREW, FLAT POINT, Gr.5

REVISION HISTORY		
REV	DATE	DESCRIPTION
1	8/30/19	FLANGE WAS A105N
0	7/25/19	ISSUED FOR CONSTRUCTION, REVISED LINER DIMENSIONS, ADDED TOLERANCES
D	7/10/19	LINER BORE WAS CONCENTRIC
C	6/19/19	TOLERANCE WAS +0.125"/-0.015" [+3.2/-0.4]
B	6/18/19	DIMENSION WAS 1 5/8"
A	4/05/19	ISSUED FOR REVIEW

<p>ALL INFORMATION AND SUCH INFORMATION MAY BE USED FOR ANY PURPOSE AND IN ANY MANNER WITHOUT WRITTEN PERMISSION OF THE ISSUING ENGINEER.</p>	<p>EST. WT. 1,590 lbs.</p>	<h1 style="margin: 0;">DO NOT SCALE</h1>
	<p>UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES 1/4" R OR 1/4" R. BEND 1/4" T.R. 0.10. INTERPRET DWG PER AISI AND Y14.5 STANDARDS.</p>	<p>DRAWN BY: <b>GVD</b></p> <p>DATE: <b>8/30/19</b></p>
	<p><b>TOLERANCES</b></p> <p>X           = ±.176</p> <p>XXX       = ±.030</p> <p>XXXX      = ±.015</p> <p>XXXXX     = ±.005</p>	<p>CHECKED BY: _____</p> <p>DATE: _____</p>
	<p><b>ANGLES</b></p> <p>             = ±.5°</p>	<p>APPROVED: _____</p> <p>DATE: _____</p>
	<p><b>FINISH ON ALL MACHINE BURNED SURFACES</b></p>	<h2 style="margin: 0;">MATERIAL &amp; HEAT TREAT</h2>

ALCO INC. APEGA PERMIT TO PRACTICE No.: P10702			
Manufacturer Name:		PENTICON FOUNDRY	
Manufacturer Part No.:			
Vendor Name:		PENTICON FOUNDRY	
Suncor Material Master:			
  <b>ALCO Industrial</b> 11650 - 156 Street, Edmonton, Alberta Canada T5M 3T5 Phone: (780) 451-6222 ♦ Fax: (780) 452-4355			
<b>TITLE</b> INSERT FORT FOR NOZZLE N7 (300D-6A, 300D-6B) FORT HILLS / SUNCOR			
<b>PROJECT NAME</b> A1-19010	<b>REFERENCE</b> DD300L-87-1	<b>REV.</b> 1	
<b>DWG / PART NO.</b> A1-19010-200-00 300D-6A -6B N7 insert.idw		<b>SHEET</b> 1 OF 1	

