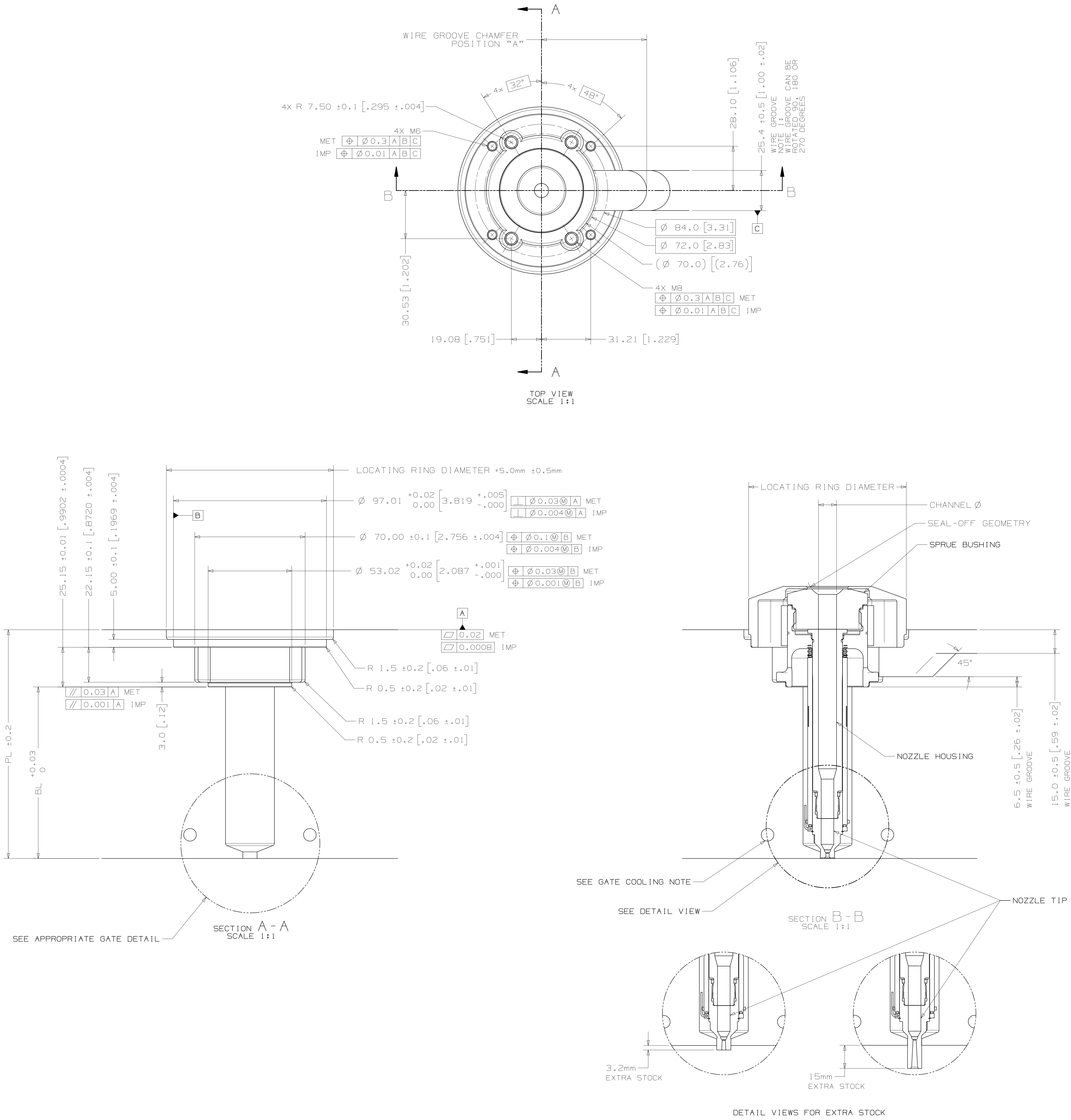


INSTALLATION DRAWING



NOZZLE SERIES	NOZZLE TIP	PL RANGE	Approx. BL *
U750	HT-TS	68.68 [ 2.704 ] - 235.84 [ 9.285 ]	39 [ 1.54 ] - 189 [ 7.44 ]

\*Approx. BL VALUES IN THE TABLE ARE REFERENCES WHICH CAN DEVIATE BY +/-1mm. FINAL BL VALUE CAN BE FOUND ON GATE DETAIL DRAWING AND 3D AFTER FINISHED DESIGN. BL AVAILABLE IN THE INCREMENT OF 10mm WITHIN RANGE.

U750	SPRUE BUSHING	
	SEAL-OFF GEOMETRY SPHERICAL RADIUS	CHANNEL Ø IN - OUT
	FLAT	4 - 11.5
	FLAT	11.5 - THRU
	SEAL-OFF 12.7 ( 1/2 )	
	SEAL-OFF 15.5	
	SEAL-OFF 19.05 ( 3/4 )	
	SEAL-OFF 20	
	SEAL-OFF 40	

U750	LOCATING RING DIAMETER	WIRE GROOVE CHAMFER POSITION "A" (±2.0)
	100	66.7
	101.3 ( 3.99 )	66.7
	125	78.7

DIMENSIONS SHOWN AS: millimeters ( inches )

**RECOMMENDED GATE COOLING GUIDELINES**

ADEQUATE COOLING IS ESSENTIAL FOR THE PROPER FUNCTION OF THIS SYSTEM. REFER TO THE HOT RUNNER PRODUCT GUIDE [www.husky.ca](http://www.husky.ca) FOR MORE DETAILED GUIDELINES.

**RECOMMENDED GATE MATERIAL**

NOTE: THESE MATERIALS MAY NOT OFFER THE DESIRED RESISTANCE TO ABRASIVE AND/OR CORROSIVE RESINS, FILLERS AND/OR ADDITIVES

AISI H13 (49-51 Rc)  
AISI 420 (49-51 Rc)

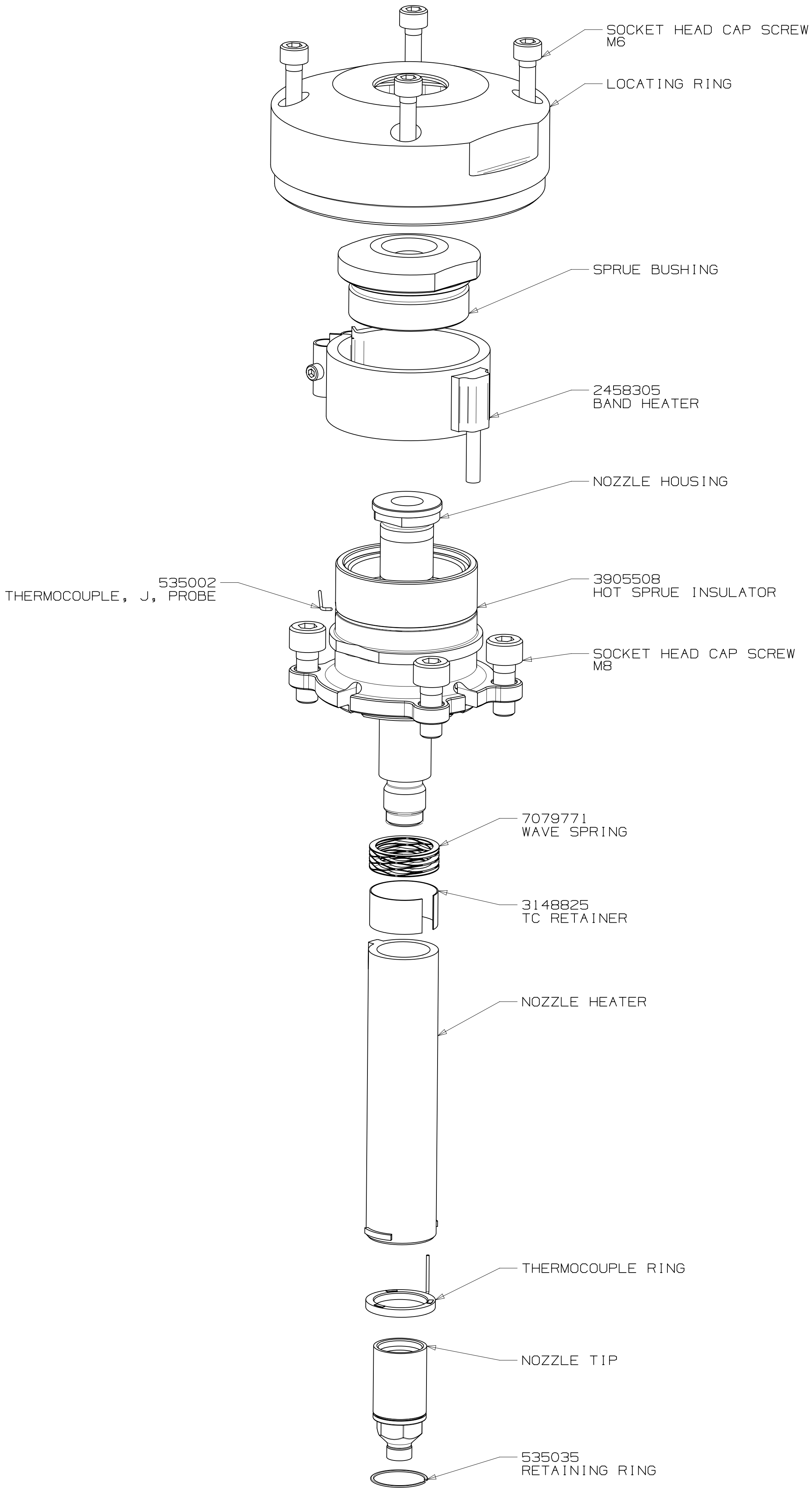
**RECOMMENDED GATE MANUFACTURING GUIDELINES**

- HARDENED GATE INSERTS (49-51) ARE RECOMMENDED WHEN USING SOFTER CAVITY STEELS. SOFTER CAVITIES MAY BE ACCEPTABLE FOR CERTAIN APPLICATIONS. CONTACT YOUR HUSKY REPRESENTATIVE WITH QUESTIONS.
- EDM'ING THE GATE AREA CAUSES MICRO CRACKS WHICH LEAD TO BRITTLE GATE FAILURES. ALSO - DO NOT EDM THE MOLDING SURFACE WITHIN 2mm OF THE GATE HOLE.
- MACHINE THE GATE HOLE AFTER HARDENING TO AVOID EXCESSIVE QUENCH IN THE THIN SECTION DURING HEAT TREAT & RESULTING OVERHARDENING IN THE GATE AREA.
- RECESSED GATES ON THE PRODUCT REDUCE THE GATE AREA STRENGTH LEADING TO GATE FAILURES.
- WELDING THE GATE AREA INCREASES STRESSES AT THE GATE. SOFTENS THE AREA AROUND THE WELD AND CAN CAUSE GATE FAILURES.

GAT PER KONE Y14.50-1504 AND HUSKY ADDENDUM - H254 BASES OTHERWISE SPECIFIED CAD MODEL IS BASIC NO TOLERANCED DIMENSIONS ARE BASIC GENERAL TOLERANCES BROKEN EDGE/CHAMFER Fillet/ROUND SURFACE FINISH		FOR TORQUE SPECIFICATIONS, REFER TO HS 252		METRIC HUSKY THIS DRAWING AND INFORMATION IS UNCLASSIFIED AND NOT FOR RELEASE TO THE PUBLIC NO INTELLECTUAL PROPERTY RIGHTS ARE CLAIMED INCLUDING ANY LICENSES GRANTED OR OTHERWISE		TITLE HOT SPRUE U750-HT-TS		DRAWING 8042693		REV 2	
WEIGHT - kg		SCALE NONE		SIZE AOR		SHEET 1 OF 2					



ASSEMBLY DRAWING

DRAWING  
8042693  
REV  
2



UNLESS OTHERWISE SPECIFIED TORQUE TO HUSKY SPECIFICATION HS 252		
PRELOAD CLASS HGT-80		
SIZE	Nm	lb-ft
#8	5	4
#10	7	5
1/4	16	12
5/16	35	25
3/8	60	45
7/16	95	70
1/2	150	110
5/8	290	210
3/4	500	360
7/8	790	580
1	1180	865
M4	4.6	3.4
M5	9.5	7.1
M6	16	12
M8	39	29
M10	77	57
M12	135	100
M14	215	160
M16	330	245
M20	650	480
M24	1100	810

ELECTRICAL INFO (240 VAC)	
ZONE	ZONE DESCRIPTION
1	SPRUE BODY
2	NOZZLE TIP
T/C LEADS: WHITE = (+) RED = (-)	
RECOMMENDED GATE COOLING GUIDELINES  ADEQUATE COOLING IS ESSENTIAL FOR THE PROPER FUNCTION OF THIS SYSTEM. REFER TO THE HOT RUNNER PRODUCT GUIDE <a href="http://www.husky.ca">www.husky.ca</a> FOR MORE DETAILED GUIDELINES.	
RECOMMENDED GATE MATERIAL  NOTE: THESE MATERIALS MAY NOT OFFER THE DESIRED RESISTANCE TO ABRASIVE AND/OR CORROSIVE RESINS, FILLERS AND/OR ADDITIVES  AISI H13 (49-51 Rc) AISI 420 (49-51 Rc)	
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FOR TORQUE SPECIFICATIONS, REFER TO HS 252		METRIC 			
WEIGHT		NO INTELLECTUAL PROPERTY RIGHTS ARE GRANTED INCLUDING ANY LICENSE IMPLIED OR OTHERWISE. ALL RIGHTS RESERVED. COPYRIGHT 2020 HUSKY.		TITLE HOT SPRUE U750-HT_TS	
-	kg	SCALE	NONE	SIZE	AIR
		SHEET	2 OF 2	DRAWING	8042693
				REV	2