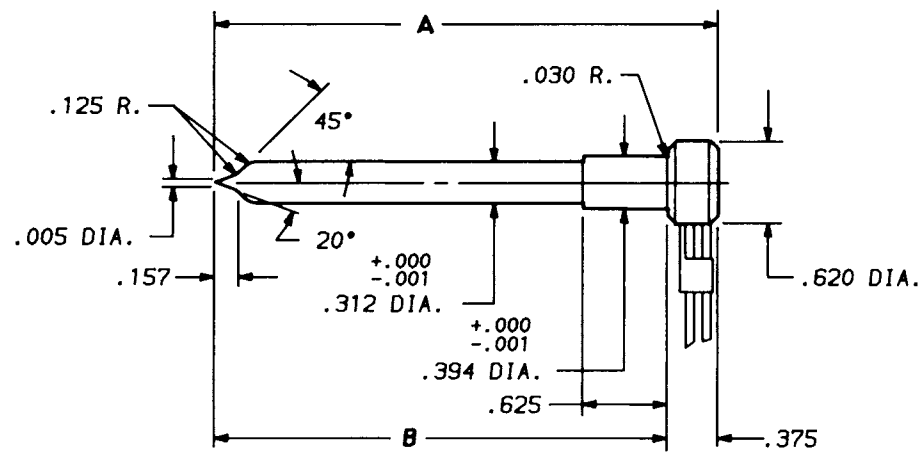


AUTO-FIXED® "INTEGRAL HEATER" MICRO PROBES (240 VAC, T/C TYPE J, 48" LEADS)

MATERIAL: AISI D-2 STEEL HARDNESS: 50-55 RC



CATALOG NUMBER	A DIM.	B DIM.	WATTS
AFIP3-310-90	3.095	2.720	110
AFIP3-360-90	3.595	3.220	130
AFIP3-410-90	4.095	3.720	150
AFIP3-460-90	4.595	4.220	170

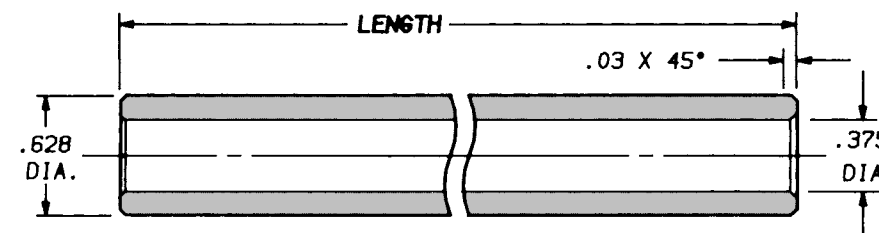
REPLACEMENT THERMOCOUPLE

(ALL PROBES)

CATALOG NUMBER	LEAD LENGTH
TC-9900	48"

DISTRIBUTOR TUBES

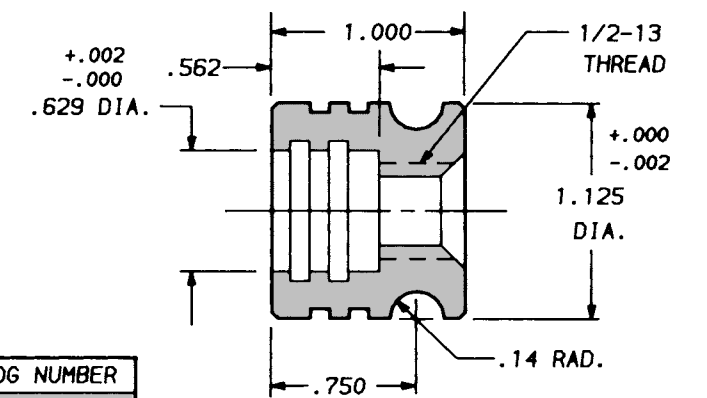
MATERIAL: AISI 4140 STEEL
HARDNESS: 28-35 RC



CATALOG NUMBER	LENGTH
HT-05-03-12	11.82
HT-05-03-16	15.76

END CAP FOR DISTRIBUTOR TUBE

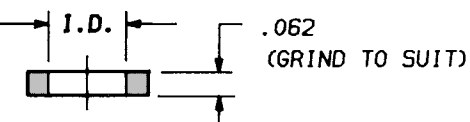
MATERIAL: AISI 4140 STEEL



CATALOG NUMBER
EC-11-05

ADJUSTMENT RING

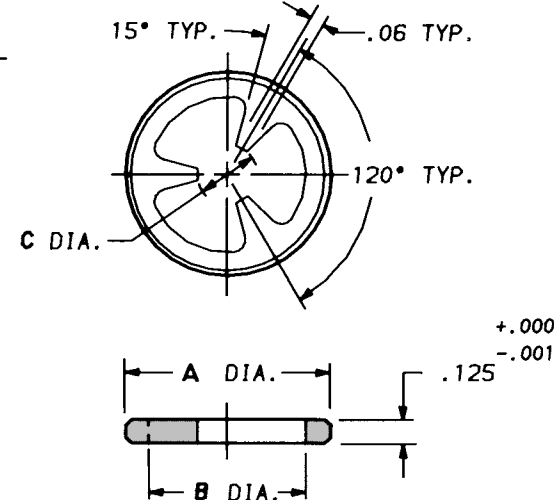
(Packaged with all probes)



CATALOG NUMBER	I.D.
RAF3-062	.456

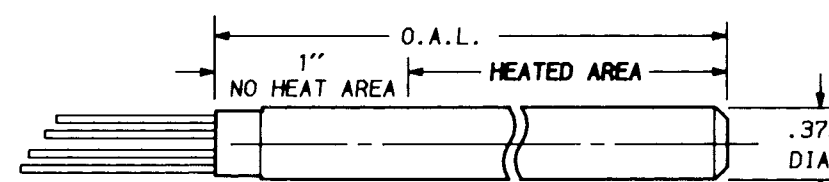
REGISTER RING

MATERIAL: AISI H-13 STEEL
HARDNESS: 48-52 RC



CATALOG NUMBER	A DIA.	B DIA.	C DIA.
AFRR-03N	1.000	.812	.313

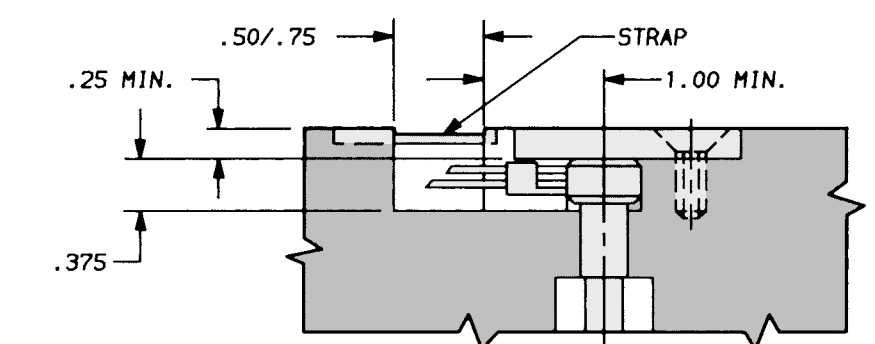
THERMOCOUPLE (T/C) DISTRIBUTOR TUBE HEATERS (240 VAC, T/C TYPE J, 34" LEADS)



CATALOG NUMBER	HEATED AREA	O.A.L.	WATTS
HCTC-03-4	4.0	5.0	320
HCTC-03-45	4.5	5.5	340
HCTC-03-5	5.0	6.0	400
HCTC-03-55	5.5	6.5	430
HCTC-03-6	6.0	7.0	450
HCTC-03-65	6.5	7.5	470
HCTC-03-7	7.0	8.0	480
HCTC-03-75	7.5	8.5	515
HCTC-03-8	8.0	9.0	550
HCTC-03-9	9.0	10.0	650
HCTC-03-10	10.0	11.0	710
HCTC-03-11	11.0	12.0	720
HCTC-03-12	12.0	13.0	760
HCTC-03-13	13.0	14.0	810

RECOMMENDED WIRE CHANNELS AND STRAP

BREAK ALL SHARP CORNERS TO PREVENT DAMAGE TO HEATER WIRES.



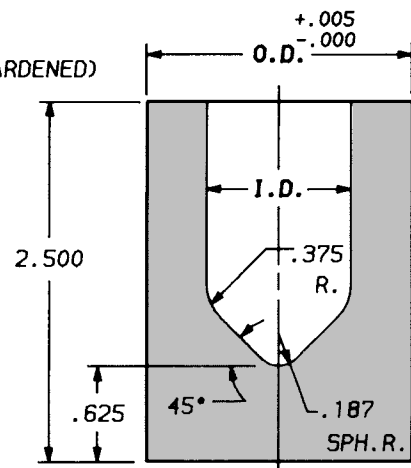
WIRING INFORMATION

POWER LEADS - BLACK
T/C LEADS - RED & WHITE
RED IS NEGATIVE (-) AND CONSTANTAN (NON-MAGNETIC)
WHITE IS POSITIVE (+) AND IRON (MAGNETIC)

GATE INSERT

MATERIAL: AISI S-7 STEEL (PRE-HARDENED)
HARDNESS: 30-34 RC

HARDNESS CAN BE INCREASED TO A HIGHER VALUE BY HEAT TREATMENT, IF DESIRED.

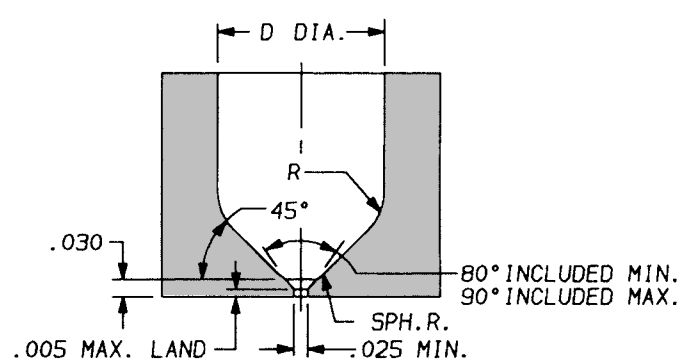


CATALOG NUMBER	O.D.	I.D.
AFGI-03N	1.625	.812

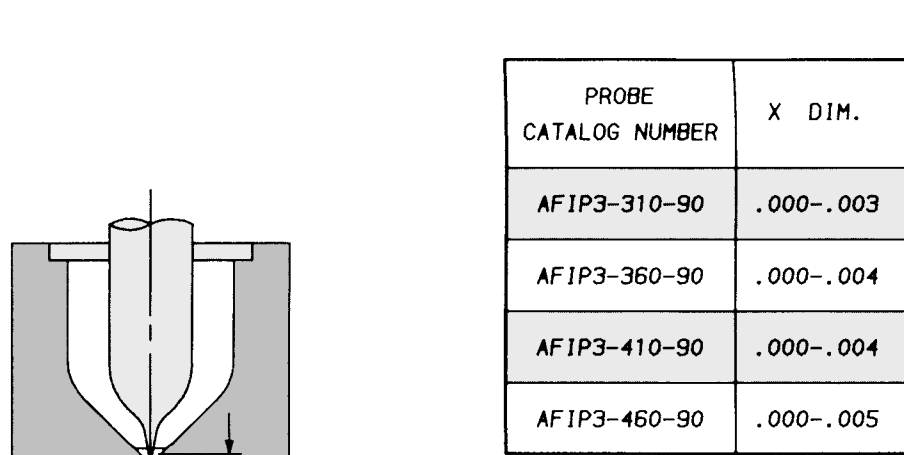
GATE MACHINING DIMENSIONS

(MOLDBAKER TO BUILD TO SUIT)

AFIP3 SERIES PROBE	
D DIA.	.812
SPH. R.	.187
R	.375



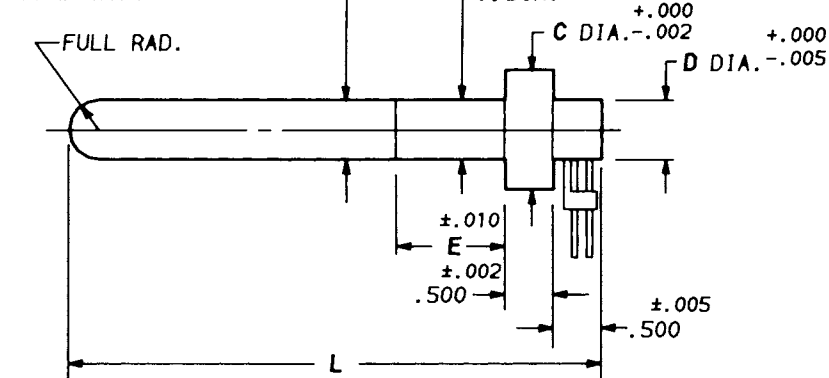
INITIAL PROBE SET-UP DIMENSIONS



NOTE: X Dimension is for initial probe set up and may require further adjustment. Final position of probe tip will be determined by gate cosmetics and flow requirements.

AUTO-FIXED® "INTEGRAL HEATER" DISTRIBUTOR PROBES (240 VAC, T/C TYPE J, LEADS ARE 48" LONG AND 90°)

MATERIAL: S-7 STEEL
HARDNESS: 32-34 RC



CAT. NO.	L	EXPANSION	WATTS	A	B	C	D	E
FDP0001	3.500	.004	175					
FDP0002	4.000	.004	200					
FDP0003	4.500	.005	225					
FDP0004	5.000	.005	250	.394	.384	.740	.394	.750
FDP0005	5.500	.006	275					
FDP0006	6.000	.006	295					
FDP0007	6.500	.007	320					
FDP0008	4.000	.004	315					
FDP0009	4.500	.005	355					
FDP0010	5.000	.005	395					
FDP0011	5.500	.006	430					
FDP0012	6.000	.006	470					
FDP0013	6.500	.007	510					
FDP0014	7.000	.007	550	.625	.615	1.240	.625	1.125
FDP0015	7.500	.008	590					
FDP0016	8.000	.008	630					
FDP0017	8.500	.009	670					
FDP0018	9.000	.009	705					
FDP0019	9.500	.010	745					
FDP0020	10.000	.010	785					

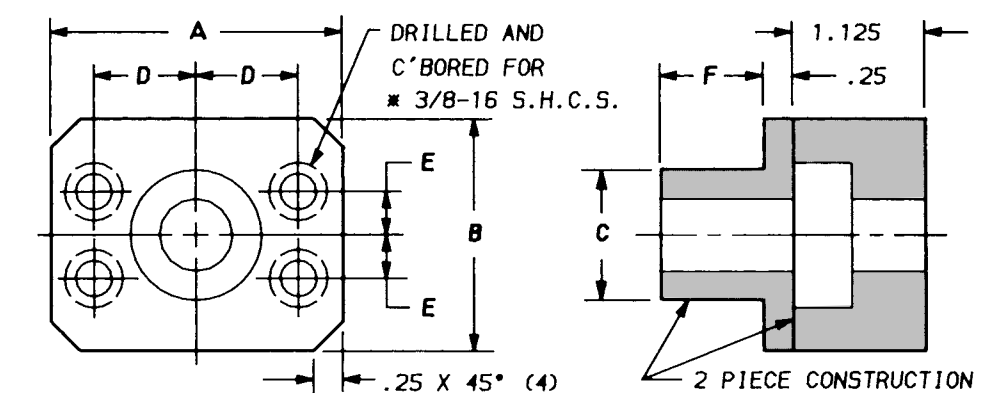
REPLACEMENT THERMOCOUPLE

(ALL PROBES)

CATALOG NUMBER	LEAD LENGTH
TC-9900	48"

END CAPS FOR DISTRIBUTOR PROBES

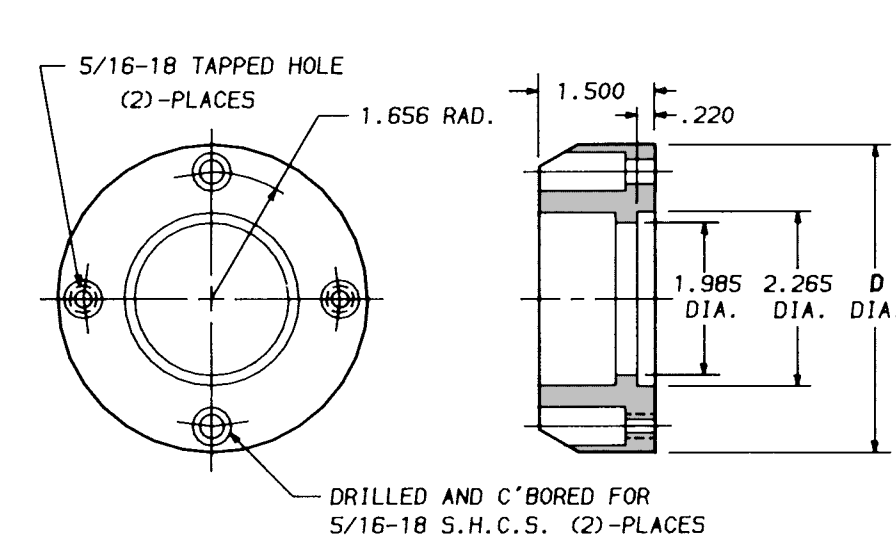
MATERIAL: AISI 4140 STEEL HARDNESS: 28-35 Rc



* THREAD ENGAGEMENT INTO MOLD MUST BE 1.00 MINIMUM AND TORQUED TO 25-30 FOOT POUNDS.

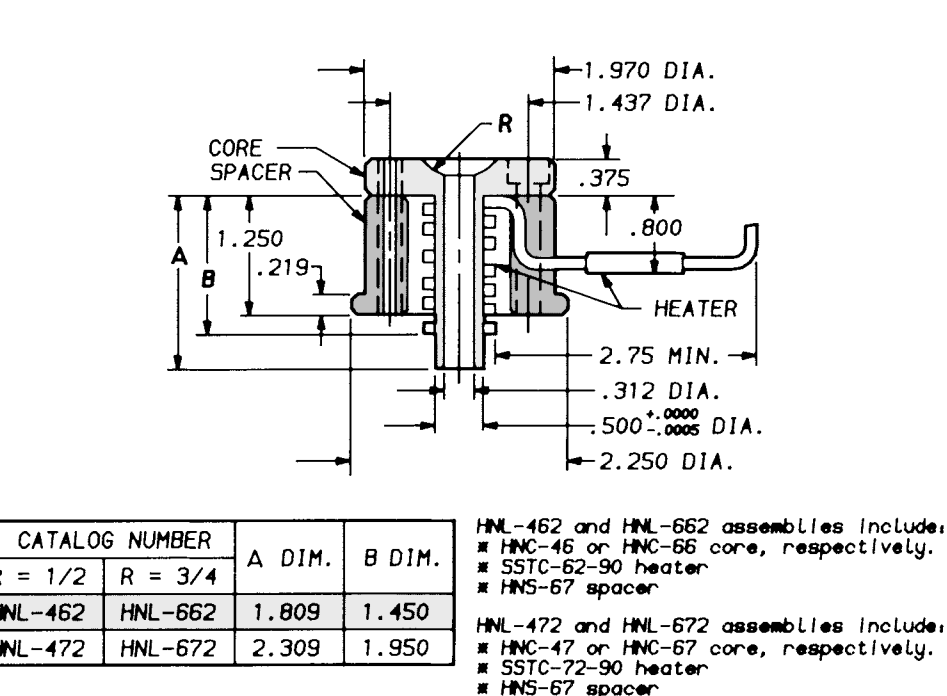
CAT. NO.	ECP0003		ECP0006	
	.394 DIA. DISTRIBUTOR PROBE	.394 DIA. MACHINING	.625 DIA. DISTRIBUTOR PROBE	.625 DIA. MACHINING
A	1.98	2.000 ±.010	2.49	2.500 ±.010
B	1.98	2.000 ±.010	1.98	2.000 ±.010
C	.874	.875 ±.001	1.124	1.125 ±.001
D	.656	.656	.875	.875
E	.437	.437	.375	.375
F	.500		.875	

LOCATING RING FOR HEATED NOZZLE LOCATOR



CATALOG NUMBER	D DIA.
HNR0001	3.990

HEATED NOZZLE LOCATOR ASSEMBLIES



CATALOG NUMBER	A DIM.	B DIM.
HNL-462	1.809	1.450
HNL-472	2.309	1.950

HNL-462 and HNL-662 assemblies include:
* HNC-46 or HNC-66 core, respectively.
* SSTC-62-90 heater
* HNS-67 spacer
HNL-472 and HNL-672 assemblies include:
* HNC-47 or HNC-67 core, respectively.
* SSTC-72-90 heater
* HNS-67 spacer

RECOMMENDED RELATIONSHIP BETWEEN DISTRIBUTOR PROBE AND SUPPORT PINS

.394 DIA. DISTRIBUTOR PROBE
X = .139

.625 DIA. DISTRIBUTOR PROBE
X = .221

