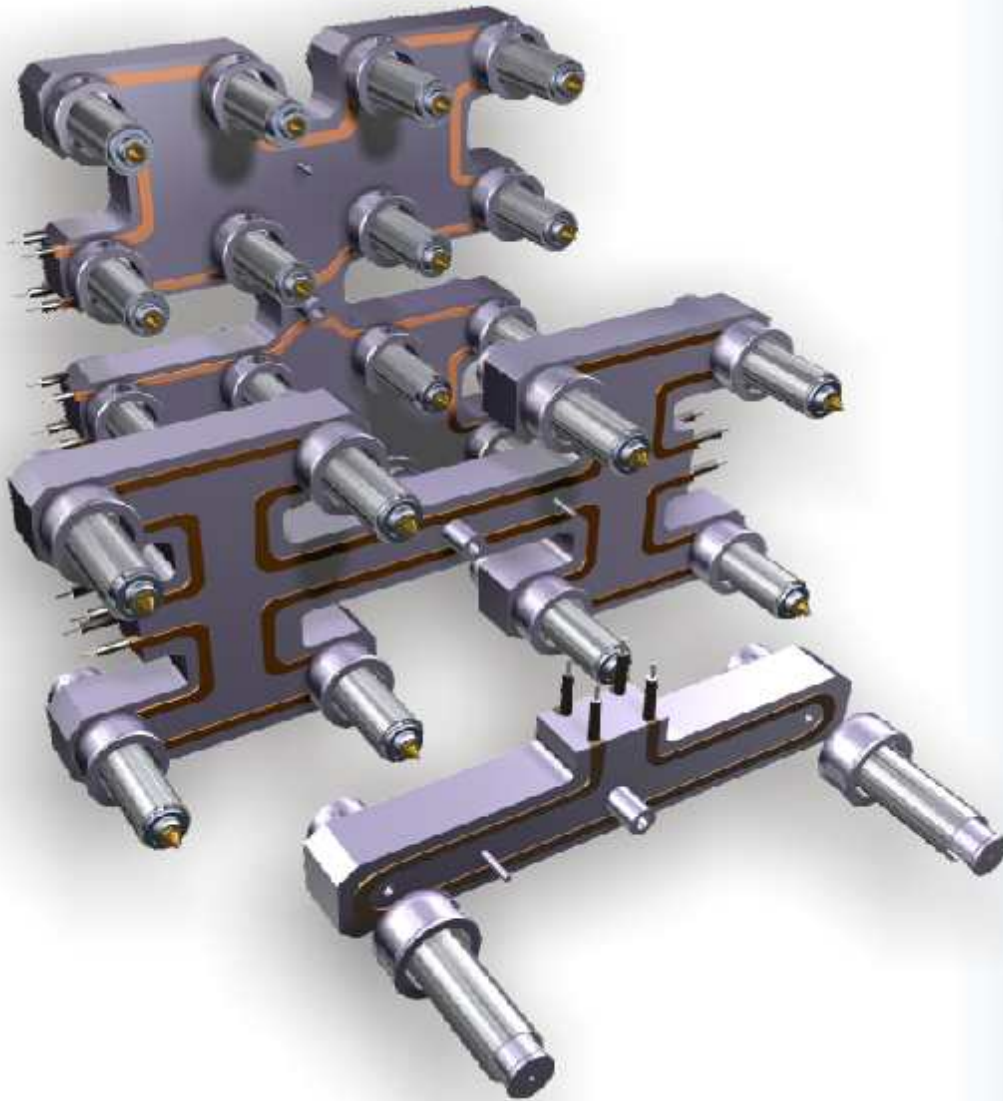




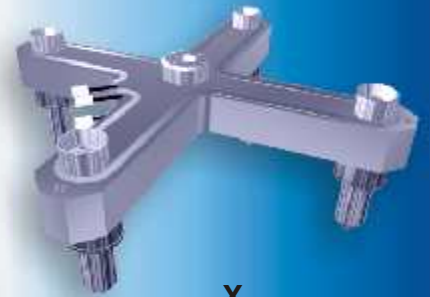
HOT RUNNER MANIFOLD SYSTEMS



4-in-Line Balanced



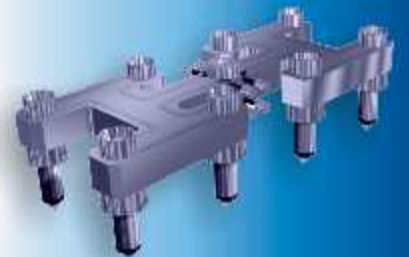
H



X



Y-Y



H-H

- Standard Integral
- Low Profile
- Large Bore



12 Block
16 Block



Dedicated To Your Success

HOT RUNNER MANIFOLD SYSTEMS

ENGINEERED FOR SUPERIOR PERFORMANCE

SPECIFICATIONS:

Material - AISI 4140HT
or AISI 420SS

Hardness - 32-36 RC

Melt Passage Ø - .250" , .350",
.500" as required *

Heaters - (2 sets) ¼" Ø std.;
Incoloy sheath,
clamp terminals.
High temp. wires
and lugs supplied
with unit

Voltage - 208/240 standard
110/120 optional

Heater Covers - Brass staked
into heater grooves

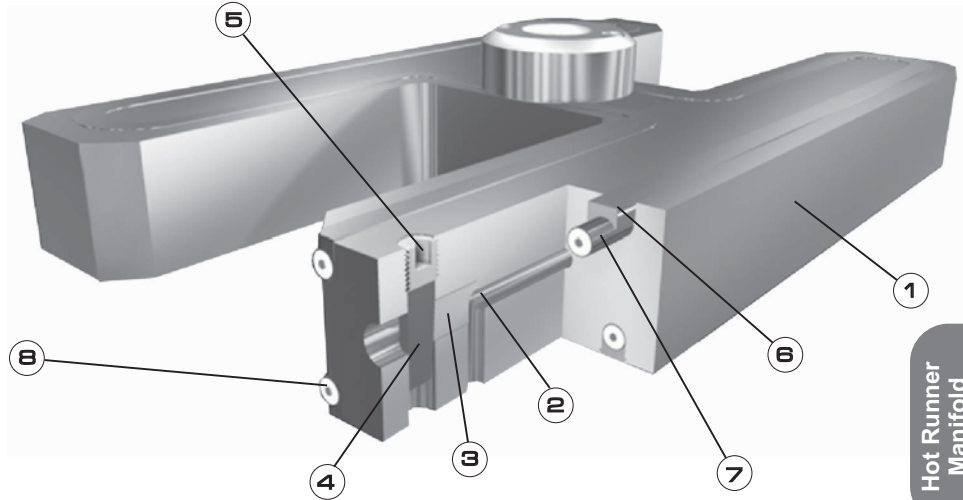
Thermocouples - Type J- ¼-28
standard, supplied
with unit

Manifold Spacers - AISI 4140HT
or AISI 420SS
supplied with unit

* Application Engineering
Included With Each Order

MANIFOLD PROFILES ARE
OPTIMIZED TO PROVIDE:

- STRUCTURAL STRENGTH
- FAST START-UP
- FAST COLOR CHANGES
- ECONOMICAL OPERATION
(LOW WATTAGE REQUIREMENTS)
- DYNAMIC RESPONSE TO CONTROL



Hot Runner
Manifold
Systems

Features:

1- MANIFOLD BODY
Optimized profile, available
in Alloy or Stainless Steel.

2- MELT PASSAGE
Smooth polish, size and
configuration matched
to plastic resin, molding
conditions, shot volume.

3- END PLUG *
Fitted and contoured to
avoid leaks and shear.
Can be removed for
cleaning melt passage,
if necessary

4- SLANTED PIN *
Designed to exert positive
sealing pressure without
the risks associated with
threaded plugs, is also a
safety feature.

5-SET SCREW *
Secures the slanted pin
assembly. Allows easy
removal.

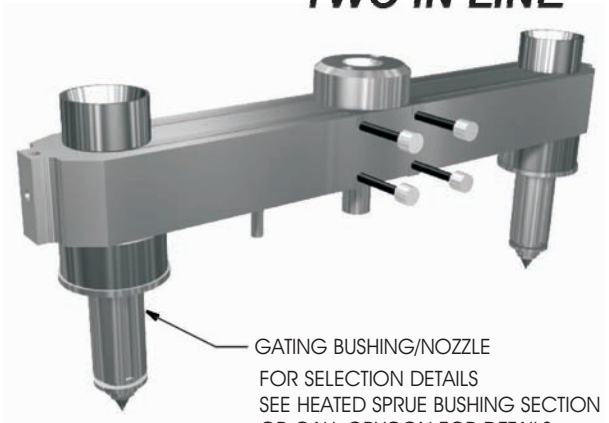
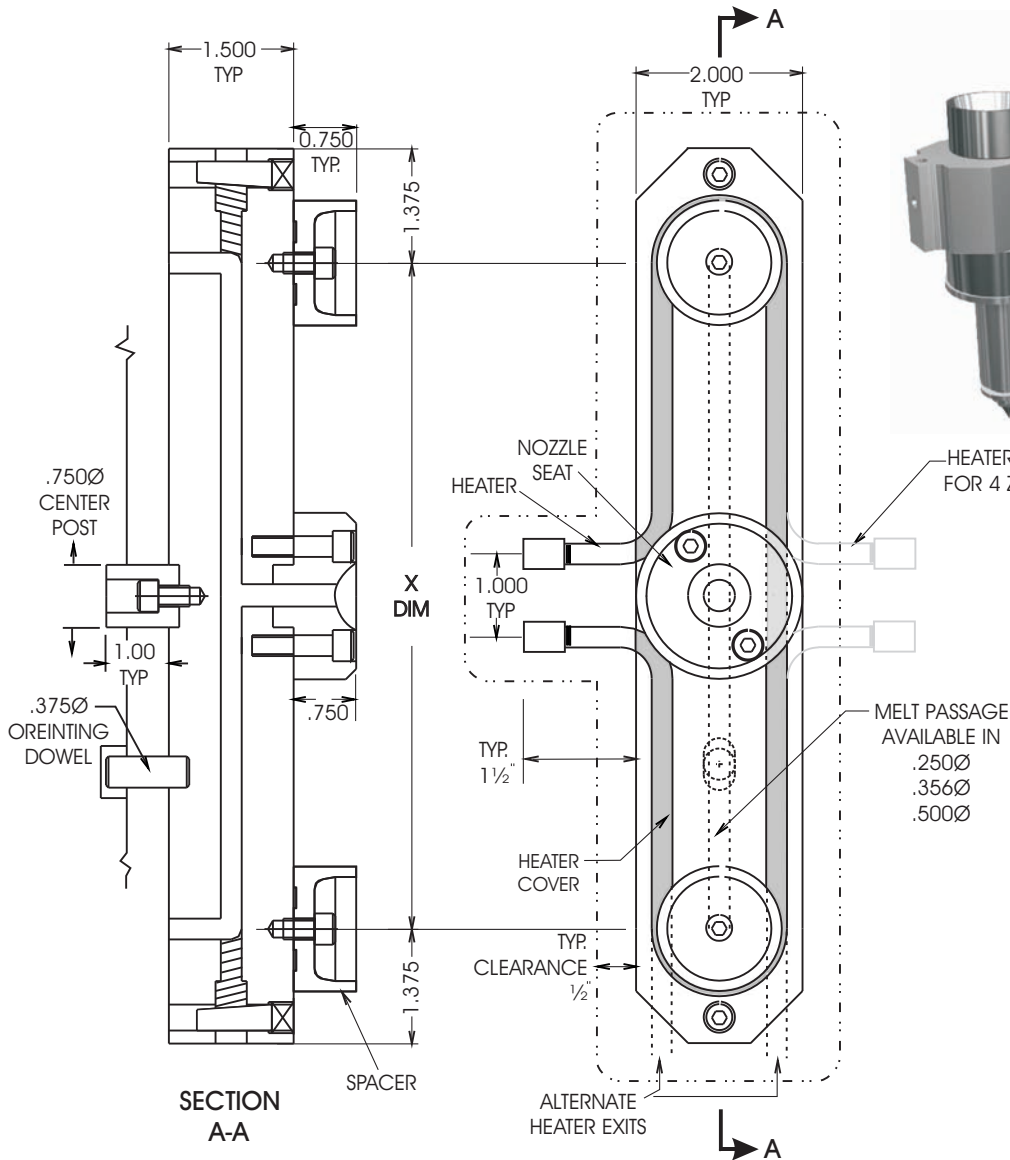
6- HEATER COVER *
Made of malleable brass with high
heat conduction properties, pressed
over heating element and deformed
into grooves cut into the sides of the
heater channel. Provides positive
retention for the heater and at the
same time allows full transfer of heat
to the manifold, keeping the heater
running cooler and extending it's life.
Can be removed for heater
replacement.

7- TUBULAR HEATER
Disposed around the perimeter of the
manifold to compensate for heat
losses at the surfaces without over-
heating any one spot.

8- SECOND SET OF HEATERS
Provides redundancy, as only one set
is capable of maintaining the manifold
to running temperature. Allows more
uniform heating.

* Manufactured Under One
or More of the Following Patents:
5,227,179 5,352,109 5,072,078
5,503,545 And Patents Pending

INTEGRAL HOT MANIFOLDS TWO IN LINE



GATING BUSHING/NOZZLE
FOR SELECTION DETAILS
SEE HEATED SPRUE BUSHING SECTION
OR CALL ORYCON FOR DETAILS

HEATER EXITS
FOR 4 ZONES

TYPICAL CONSTRUCTION
2 DROP MANIFOLD

MELT PASSAGE
AVAILABLE IN
.250Ø
.356Ø
.500Ø

COMPLETE HOT HALF
DESIGN, INCLUDING
PLATES IS SUPPLIED
WITH EACH SYSTEM.

Hot Runner
Manifold
Systems

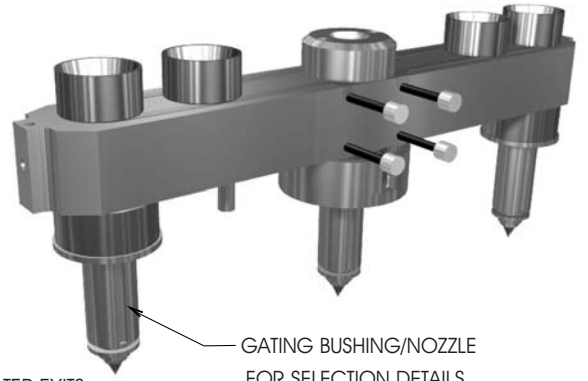
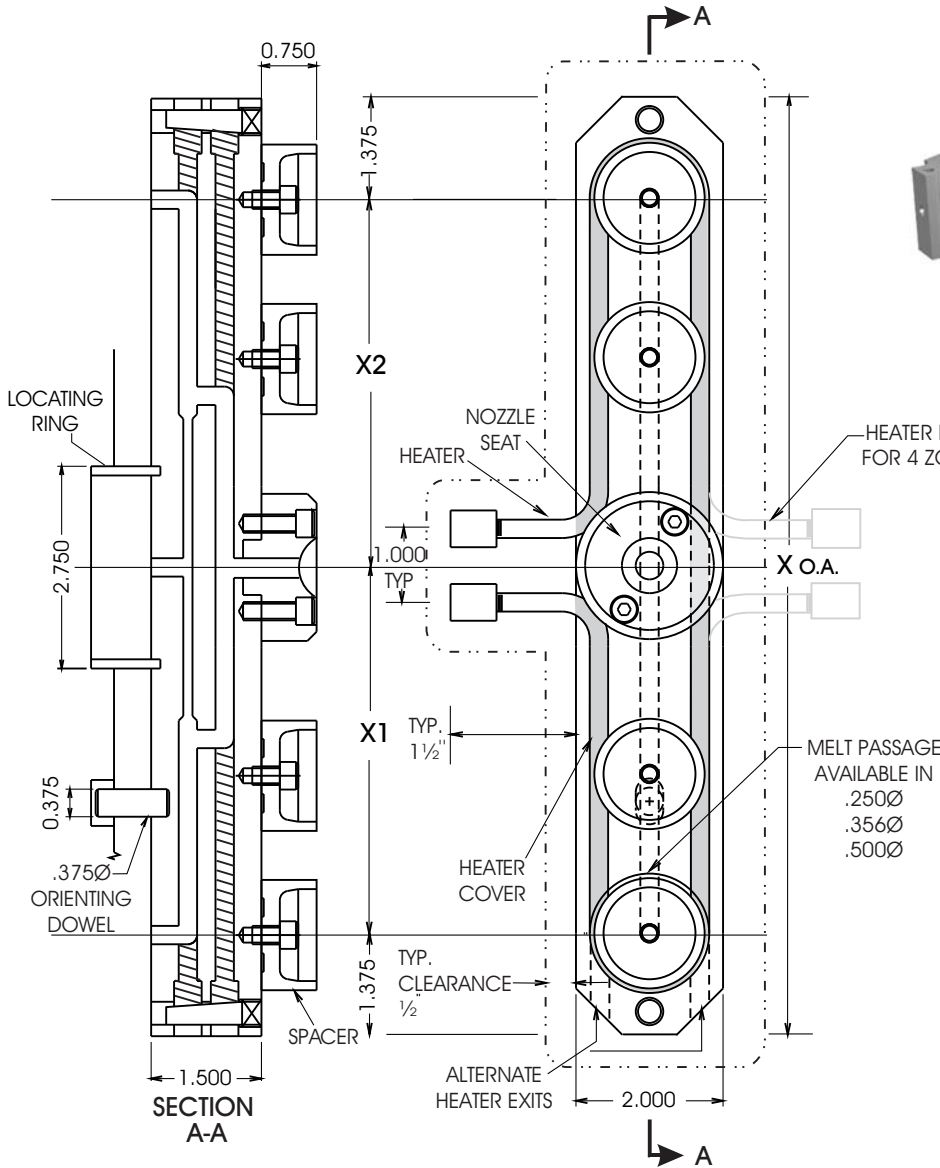
STANDARD DESIGNS

SIZES NOT LISTED AVAILABLE WITH SLIGHTLY LONGER LEAD TIMES.

X	X o.a.	WATTS *	AMPS *	ZONES
4.000	6.750	681	3.0	2
6.000	8.750	883	4.0	2
7.000	9.750	984	4.4	2
8.000	10.750	1085	4.9	2
9.000	11.750	1186	5.3	2
10.000	12.750	1287	5.8	2
11.000	13.750	1388	6.3	2
12.000	14.750	1489	6.7	2
13.000	15.750	1590	7.2	2
14.000	16.750	845	3.8	4
16.000	18.750	946	4.3	4
18.000	20.750	1047	4.7	4
19.000	21.750	1098	4.9	4
20.000	22.750	1148	5.2	4

NOTE: Design specifications subject to change without notice. * Per Zone At 220 Volts

INTEGRAL HOT MANIFOLDS THREE IN LINE



GATING BUSHING/NOZZLE
FOR SELECTION DETAILS
SEE HEATED SPRUE BUSHING SECTION
OR CALL ORYCON FOR DETAILS

TYPICAL CONSTRUCTION
3 DROP MANIFOLD

COMPLETE HOT HALF
DESIGN, INCLUDING
PLATES IS SUPPLIED
WITH EACH SYSTEM.

Hot Runner
Manifold
Systems

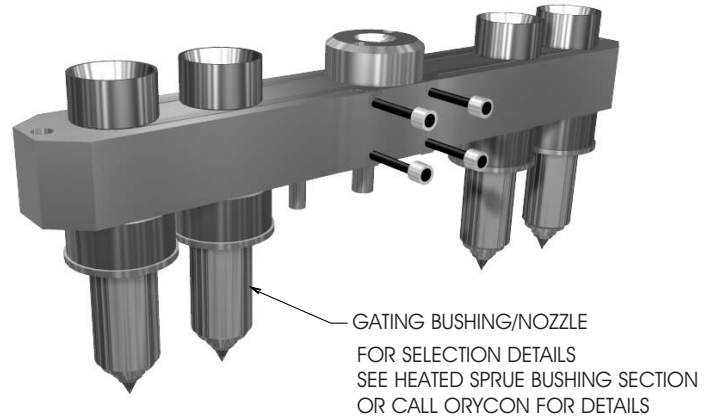
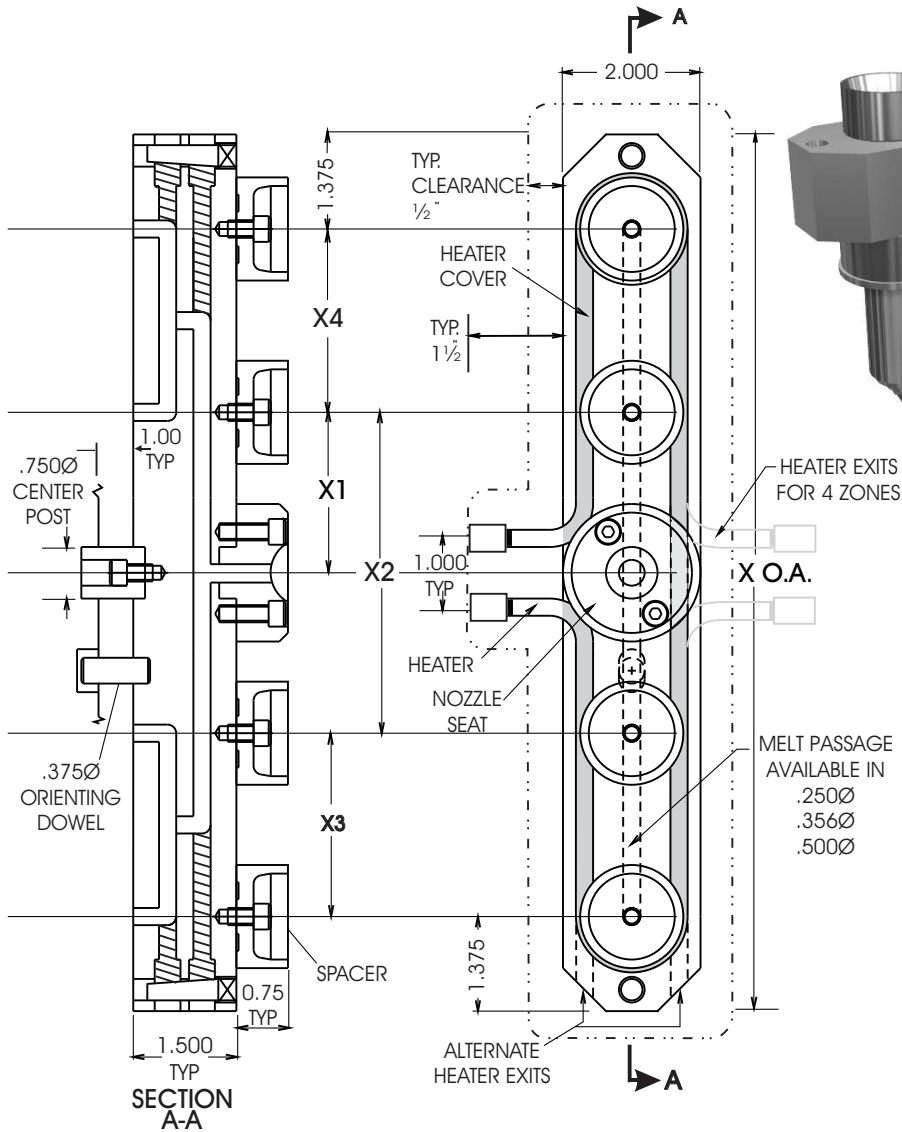
STANDARD DESIGNS

SIZES NOT LISTED AVAILABLE WITH SLIGHTLY LONGER LEAD TIMES.

X1	X2	X o.a.	WATTS *	AMPS *	ZONES
3.000	3.000	8.750	883	4.0	2
3.500	3.500	9.750	984	4.4	2
4.000	4.000	10.750	1085	4.9	2
4.500	4.500	11.750	1186	5.3	2
5.000	5.000	12.750	1287	5.8	2
5.500	5.500	13.750	1388	6.3	2
6.000	6.000	14.750	1489	6.7	2
6.500	6.500	15.750	1590	7.2	2
7.000	7.000	16.750	845	3.8	4
7.500	7.500	18.750	946	4.3	4
8.000	8.000	20.750	1047	4.7	4
8.500	8.500	21.750	1098	4.9	4
10.000	10.000	22.750	1148	5.2	4
11.000	11.000	23.750	1320	6.0	4

NOTE: Design specifications subject to change without notice. * Per Zone At 220 Volts

INTEGRAL HOT MANIFOLDS FOUR IN LINE BALANCED



TYPICAL CONSTRUCTION
4 DROP MANIFOLD

COMPLETE HOT HALF DESIGN, INCLUDING PLATES IS SUPPLIED WITH EACH SYSTEM.

STANDARD DESIGNS

SIZES NOT LISTED AVAILABLE WITH SLIGHTLY LONGER LEAD TIMES.

X1	X2	X3	X4	X o.a.	WATTS *	AMPS *	ZONES
2.000	4.000	2.500	2.500	11.750	1186	6.3	2
2.000	4.000	3.000	3.000	12.750	1287	6.7	2
2.000	4.000	3.500	3.500	13.750	1388	7.2	2
2.000	4.000	4.000	4.000	14.750	1489	3.8	2
2.250	4.500	4.500	4.500	16.250	1641	7.4	2
2.500	5.000	5.000	5.000	17.750	976	4.4	4
2.750	5.500	5.500	5.500	19.250	1058	4.8	4
3.000	6.000	6.000	6.000	20.750	1140	5.1	4
3.250	6.500	6.500	6.500	22.250	1224	5.5	4
3.500	7.000	7.000	7.000	23.750	1300	5.9	4

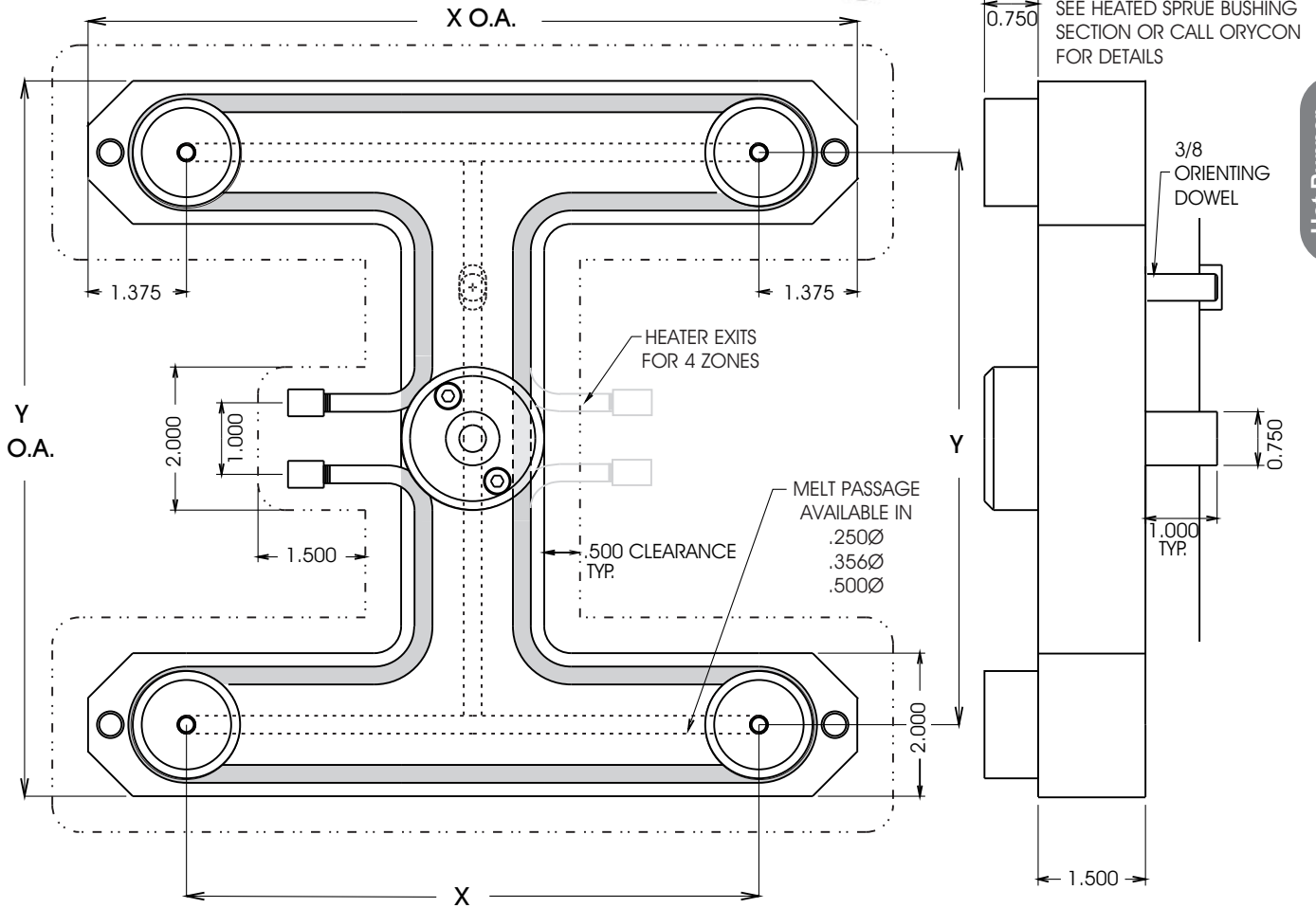
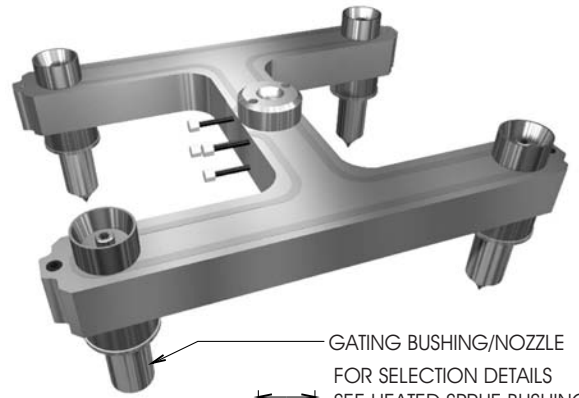
NOTE: Design specifications subject to change without notice.

* Per Zone At 220 Volts

INTEGRAL HOT MANIFOLDS "H" CONFIGURATION

TYPICAL CONSTRUCTION
H PATTERN 4 DROP MANIFOLD

COMPLETE HOT HALF
DESIGN, INCLUDING
PLATES IS SUPPLIED
WITH EACH SYSTEM.



Hot Runner
Manifold
Systems

STANDARD DESIGNS

SIZES NOT LISTED AVAILABLE WITH SLIGHTLY LONGER LEAD TIMES.

X	Y	X o.a.	Y o.a.	WATTS *	AMPS *	ZONES	X	Y	X o.a.	Y o.a.	WATTS *	AMPS *	ZONES
4.000	3.000	6.750	5.000	1387	6.3	2	9.000	5.000	11.750	7.000	1144	5.2	4
5.000	4.000	7.750	6.000	1612	7.3	2	9.000	7.000	11.750	9.000	1219	5.5	4
6.000	5.000	8.750	7.000	1837	8.3	2	10.000	6.000	12.750	8.000	1256	5.7	4
7.000	5.000	9.750	7.000	1987	9.0	2	10.000	7.000	12.750	9.000	1294	5.9	4
8.000	4.000	10.750	6.000	2062	9.3	2	12.000	6.000	14.750	8.000	1406	6.4	4
8.000	5.000	10.750	7.000	2137	9.7	2	12.000	8.000	14.750	10.000	1481	6.7	4
8.000	6.000	10.750	8.000	2212	10.0	2	12.000	10.000	14.750	12.000	1556	7.0	4

NOTE: Design specifications subject to change without notice.

* Per Zone At 220 Volts

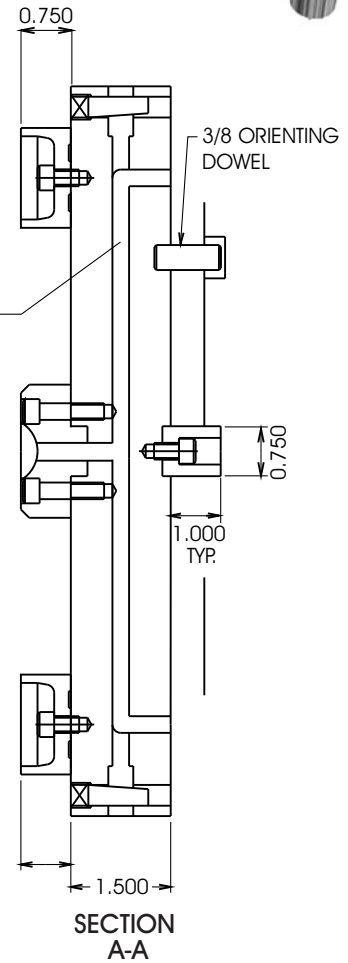
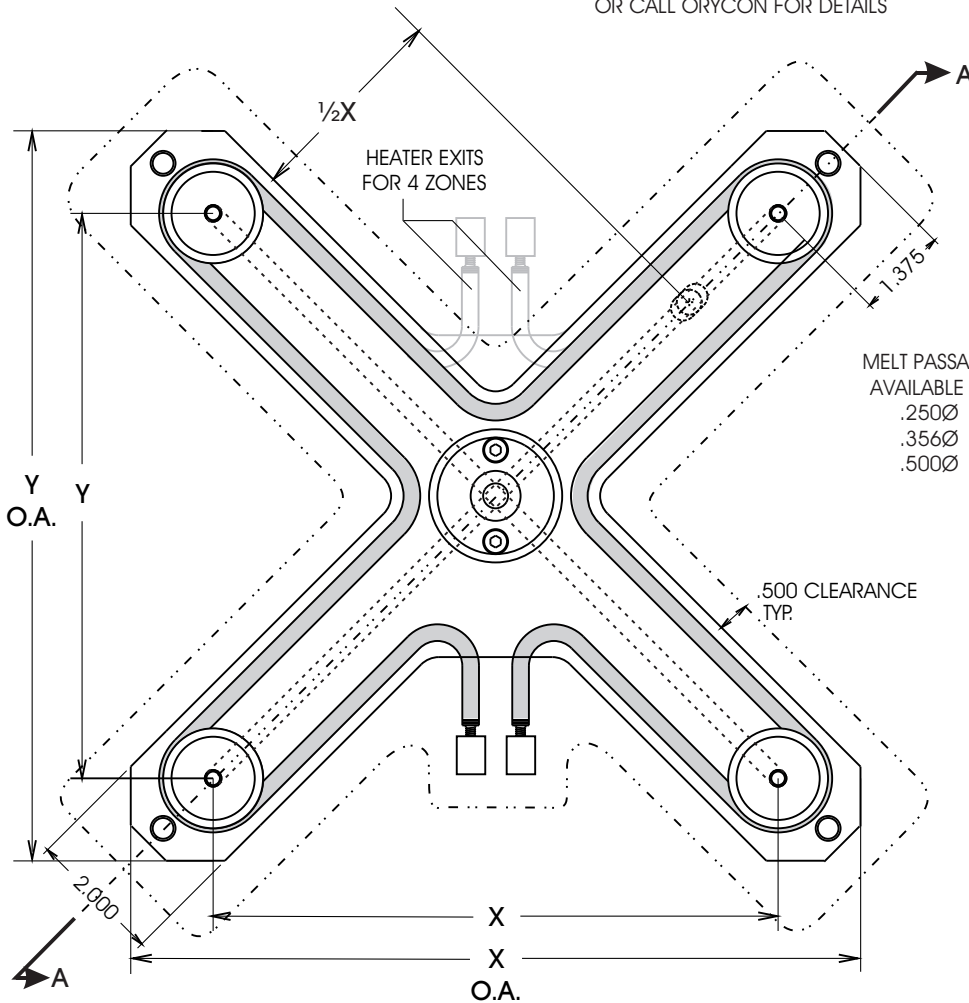
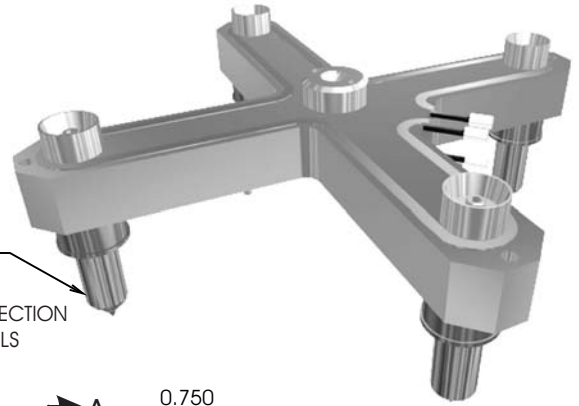
INTEGRAL HOT MANIFOLDS "X" CONFIGURATION

TYPICAL CONSTRUCTION
X PATTERN 4 DROP MANIFOLD

SAME CONFIGURATION USED
AS BRIDGE MANIFOLD

COMPLETE HOT HALF
DESIGN, INCLUDING
PLATES IS SUPPLIED
WITH EACH SYSTEM.

GATING BUSHING/NOZZLE
FOR SELECTION DETAILS
SEE HEATED SPRUE BUSHING SECTION
OR CALL ORYCON FOR DETAILS



Hot Runner
Manifold
Systems

STANDARD DESIGNS

SIZES NOT LISTED AVAILABLE WITH SLIGHTLY LONGER LEAD TIMES.

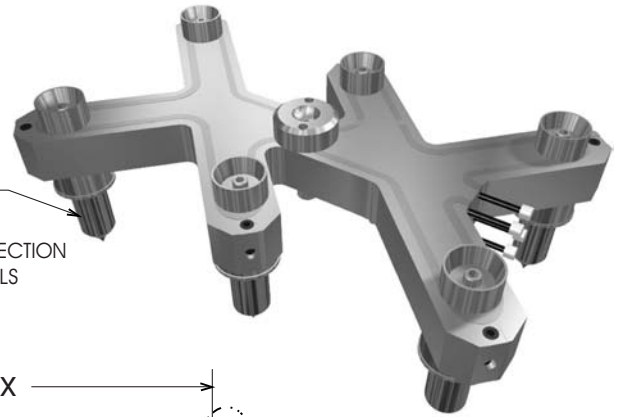
X	Y	X o.a.	Y o.a.	WATTS *	AMPS *	ZONES	X	Y	X o.a.	Y o.a.	WATTS *	AMPS *	ZONES
4.000	4.000	6.475	6.475	930	4.2	2	9.000	9.000	11.475	11.475	1046	4.7	4
5.000	5.000	7.475	7.475	1163	5.3	2	10.000	10.000	12.475	12.475	1162	5.2	4
6.000	6.000	8.475	8.475	1395	6.3	2	11.000	11.000	13.475	13.475	1278	5.8	4
7.000	7.000	9.475	9.475	1628	7.4	2	12.000	12.000	14.475	14.475	1395	6.3	4
8.000	8.000	10.475	10.475	1860	8.5	2	13.000	13.000	15.475	15.475	1511	6.8	4

NOTE: Design specifications subject to change without notice.

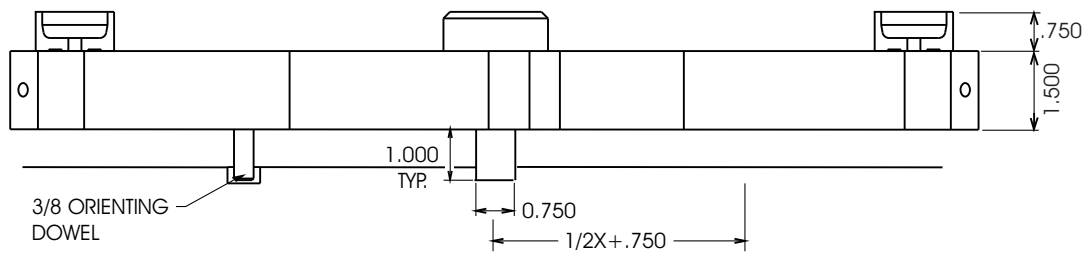
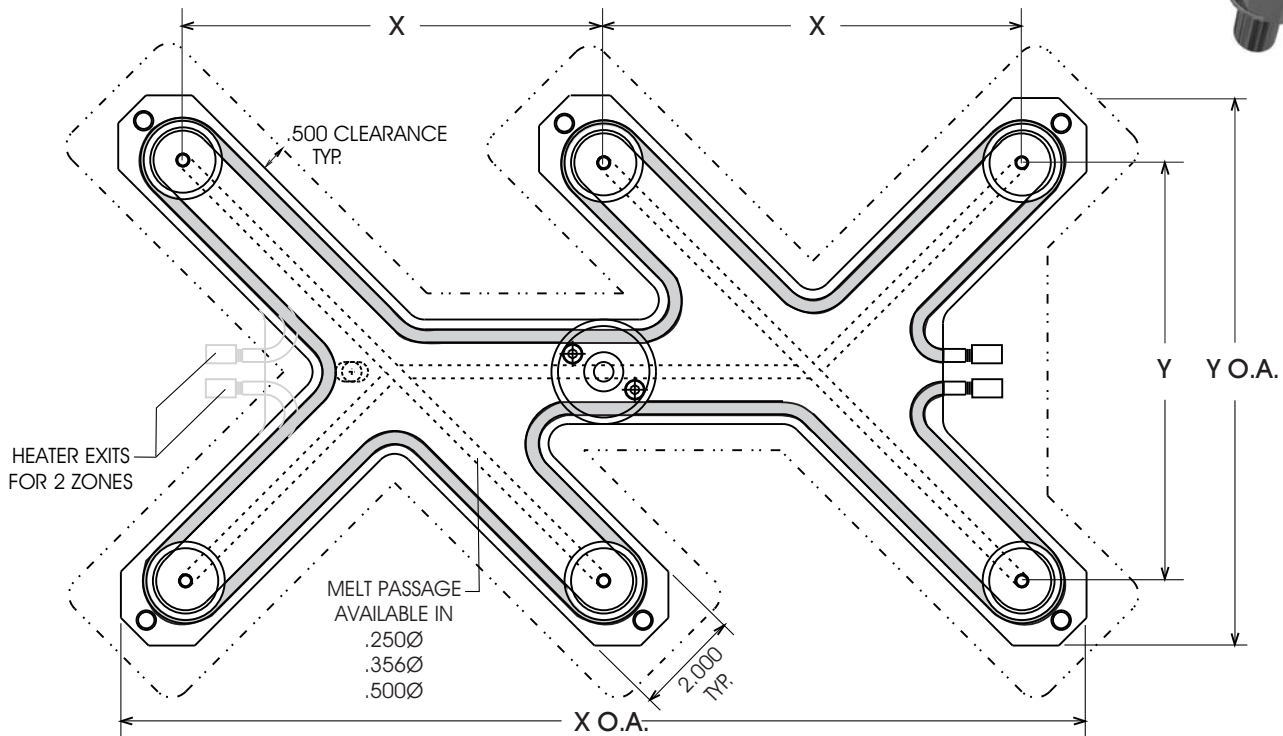
* Per Zone At 220 Volts

INTEGRAL HOT MANIFOLDS "YY" CONFIGURATION

TYPICAL CONSTRUCTION
YY PATTERN 6 DROP MANIFOLD



GATING BUSHING/NOZZLE
FOR SELECTION DETAILS
SEE HEATED SPRUE BUSHING SECTION
OR CALL ORYCON FOR DETAILS



STANDARD DESIGNS

SIZES NOT LISTED AVAILABLE WITH SLIGHTLY LONGER LEAD TIMES.

X	Y	X O.A.	Y O.A.	WATTS *	AMPS *	ZONES
4.000	4.000	15.500	6.500	1550	7.0	2
5.000	5.000	17.500	7.500	1860	8.4	2
6.000	6.000	19.500	8.500	1100	5.0	4
7.000	7.000	21.500	9.500	1340	6.0	4
8.000	8.000	23.500	10.500	1500	6.8	4

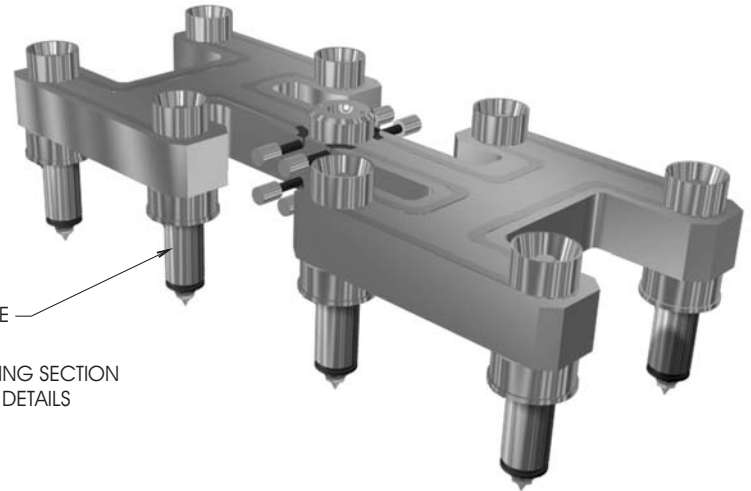
COMPLETE HOT HALF
DESIGN, INCLUDING
PLATES IS SUPPLIED
WITH EACH SYSTEM.

NOTE: Design specifications subject to change without notice.

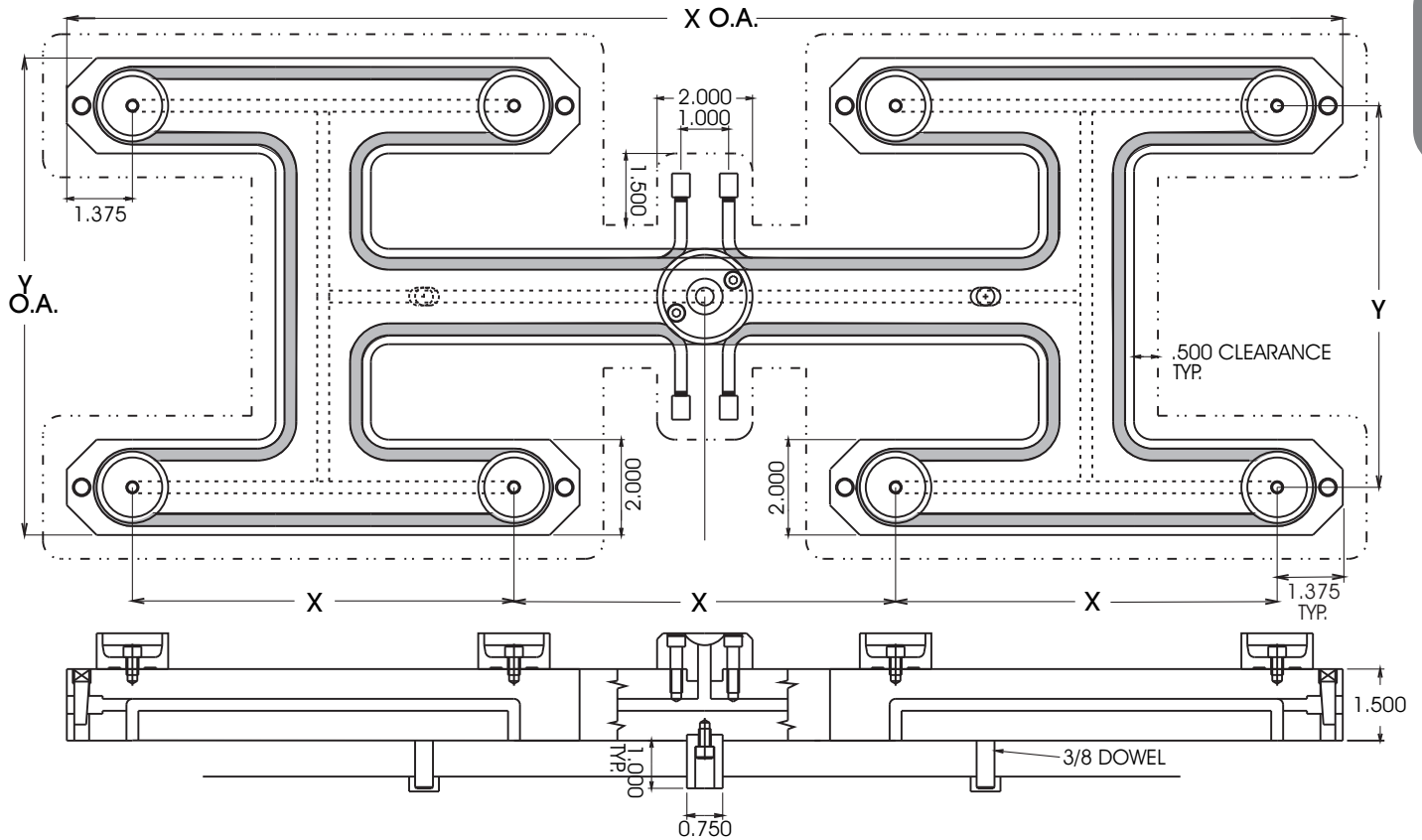
* Per Zone At 220 Volts

INTEGRAL HOT MANIFOLDS "HH" CONFIGURATION

TYPICAL CONSTRUCTION
HH PATTERN 8 DROP MANIFOLD



GATING BUSHING/NOZZLE
FOR SELECTION DETAILS
SEE HEATED SPRUE BUSHING SECTION
OR CALL ORYCON FOR DETAILS



Hot Runner
Manifold
Systems

STANDARD DESIGNS

SIZES NOT LISTED AVAILABLE WITH SLIGHTLY LONGER LEAD TIMES.

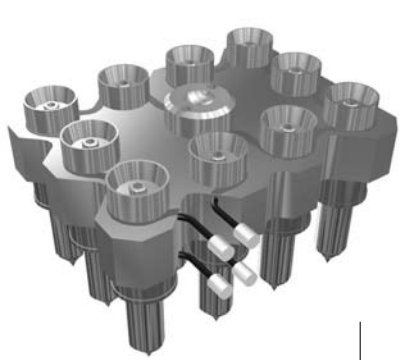
X	Y	X O.A.	Y O.A.	WATTS *	AMPS *	ZONES
4.000	4.000	14.750	6.000	1080	4.9	4
5.000	5.000	17.750	7.000	1350	6.1	4
6.000	6.000	20.750	8.000	1620	7.3	4
7.000	7.000	23.750	9.000	1890	9.0	4
8.000	8.000	26.750	10.000	2160	9.8	4
9.000	9.000	29.750	11.000	2430	11.0	4
10.000	10.000	32.750	12.000	2700	12.2	4

COMPLETE HOT HALF
DESIGN, INCLUDING
PLATES IS SUPPLIED
WITH EACH SYSTEM.

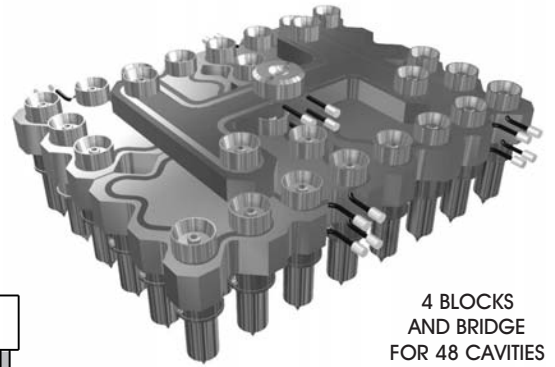
NOTE: Design specifications subject to change without notice.

* Per Zone At 220 Volts

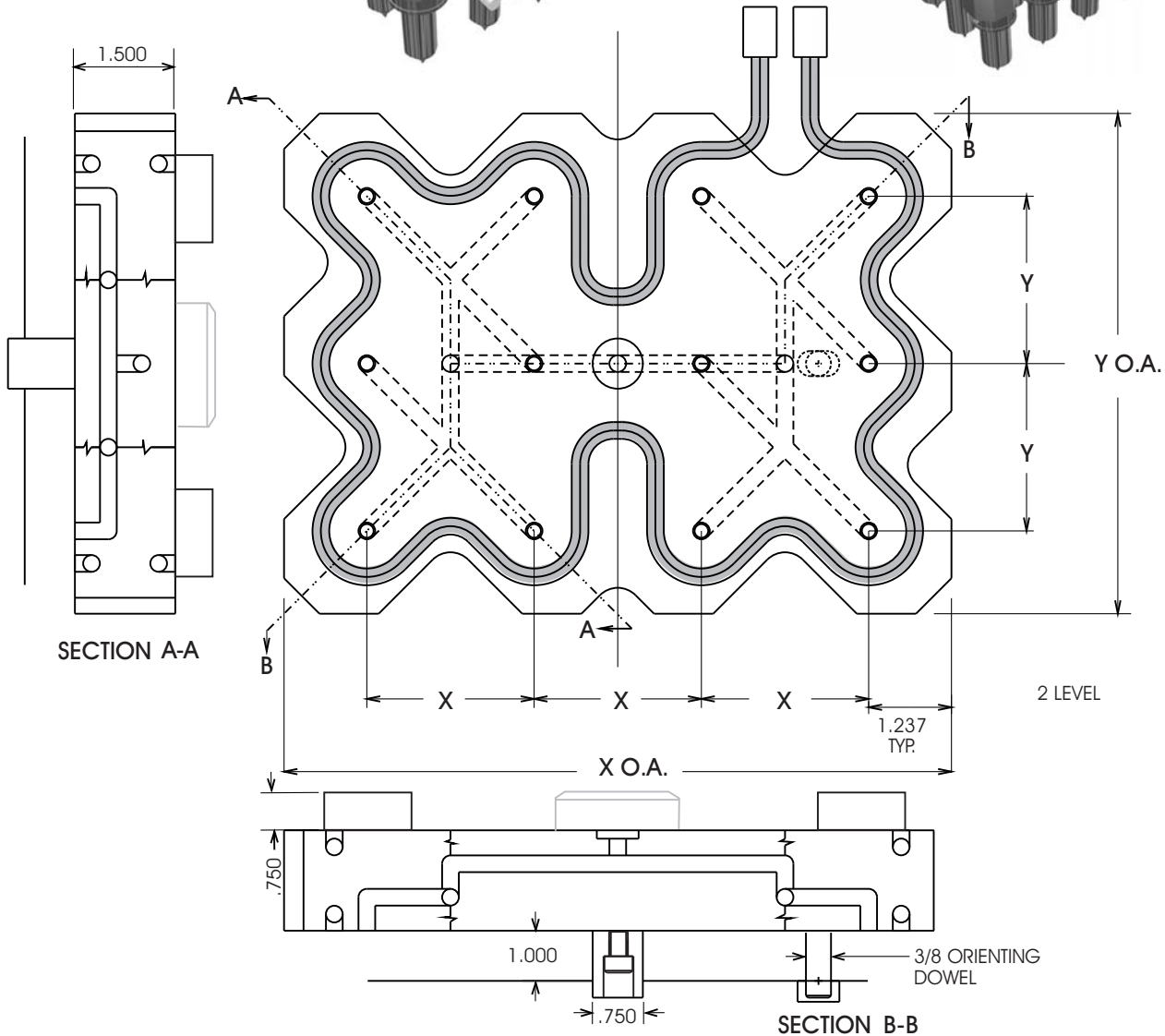
INTEGRAL HOT MANIFOLDS 12 BLOCK CONFIGURATION



SINGLE BLOCK
FOR 12 CAVITIES



4 BLOCKS
AND BRIDGE
FOR 48 CAVITIES



STANDARD DESIGNS

SIZES NOT LISTED AVAILABLE WITH SLIGHTLY LONGER LEAD TIMES.

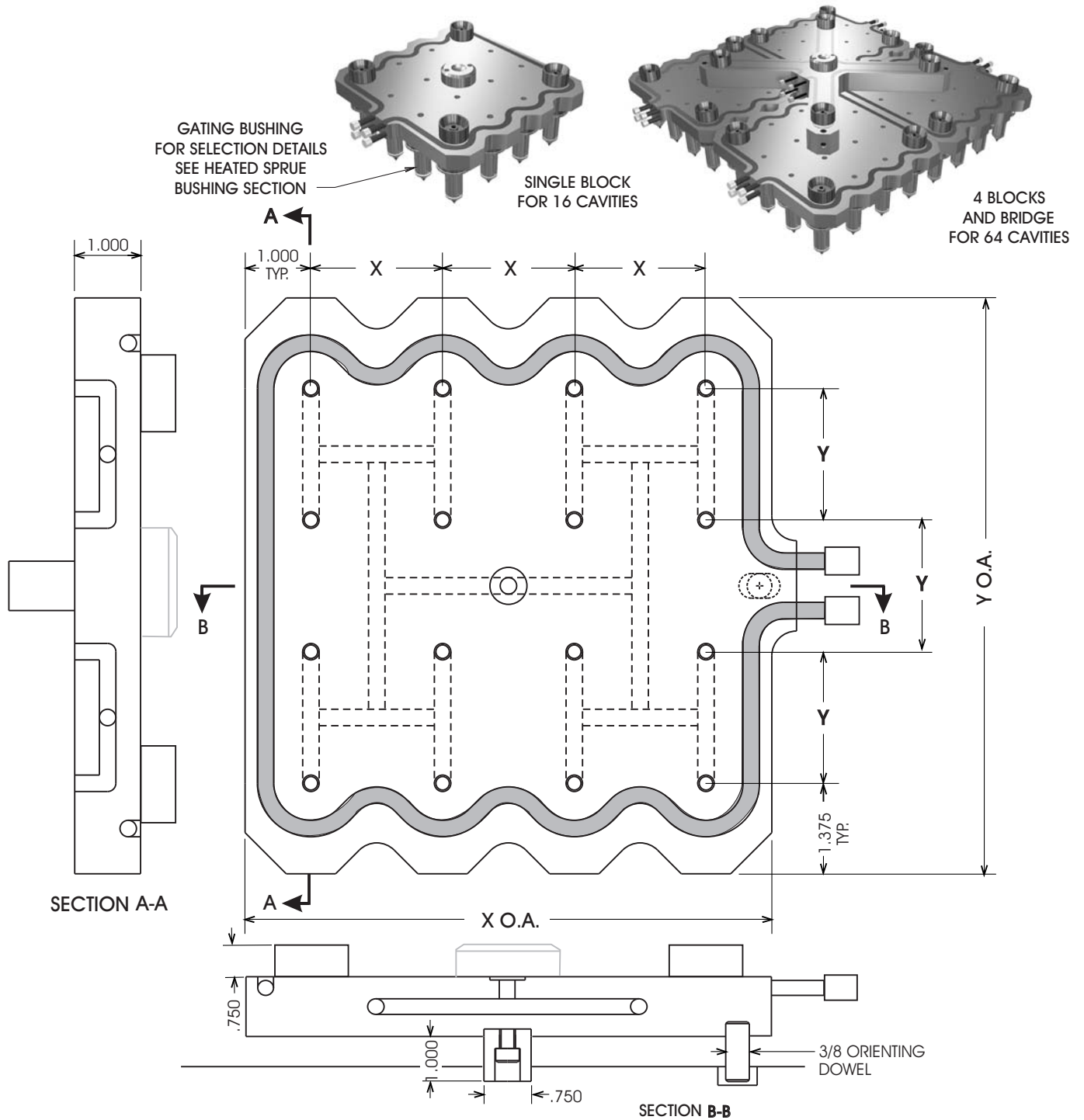
X	Y	X O.A.	Y O.A.	WATTS *	AMPS *	ZONES
2.000	2.000	8.474	6.474	1500	6.8	2
2.500	2.500	9.474	7.474	1950	8.8	2
3.000	3.000	11.474	8.474	2350	10.6	2

COMPLETE HOT HALF
DESIGN, INCLUDING
PLATES IS SUPPLIED
WITH EACH SYSTEM.

NOTE: Design specifications subject to change without notice.

* Per Zone At 220 Volts

INTEGRAL HOT MANIFOLDS 16 BLOCK CONFIGURATION



Hot Runner
Manifold
Systems

STANDARD DESIGNS

SIZES NOT LISTED AVAILABLE WITH SLIGHTLY LONGER LEAD TIMES.

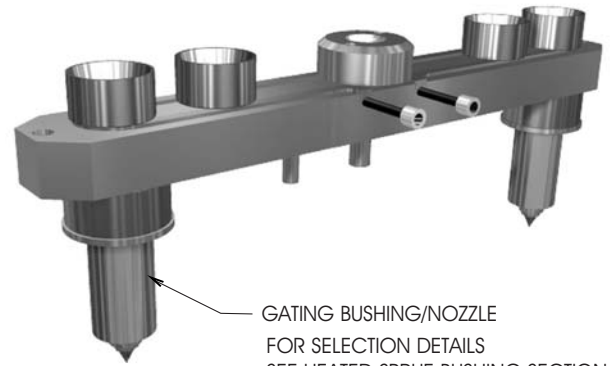
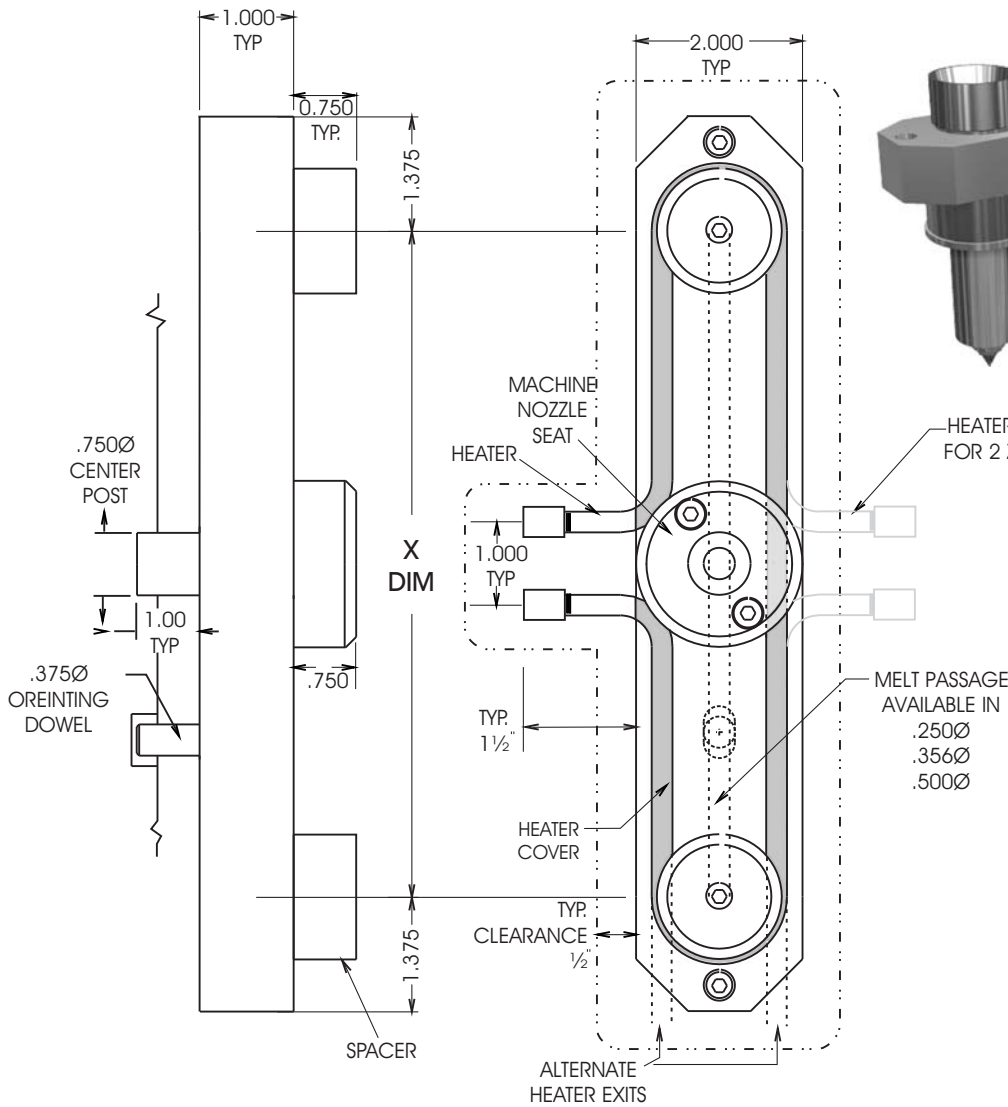
X	Y	X O.A.	Y O.A.	WATTS *	AMPS *	ZONES
2.500	2.500	9.500	10.250	3300	15.00	1
3.000	3.000	11.000	11.750	2585	11.75	2
3.500	3.500	12.500	13.250	3300	15.00	2

COMPLETE HOT HALF DESIGN, INCLUDING PLATES IS SUPPLIED WITH EACH SYSTEM.

NOTE: Design specifications subject to change without notice.

* Per Zone At 220 Volts

LOW PROFILE INTEGRAL HOT MANIFOLDS TWO IN LINE



GATING BUSHING/NOZZLE
FOR SELECTION DETAILS
SEE HEATED SPRUE BUSHING SECTION
OR CALL ORYCON FOR DETAILS

DESIGNED FOR RESPONSIVE,
ECONOMICAL OPERATION

TYPICAL CONSTRUCTION
2 DROP MANIFOLD

Hot Runner
Manifold
Systems

STANDARD DESIGNS

SIZES NOT LISTED AVAILABLE WITH SLIGHTLY LONGER LEAD TIMES.

X	X o.a.	WATTS *	AMPS *	ZONES
4.000	6.750	681	3.0	1
6.000	8.750	883	4.0	1
7.000	9.750	984	4.4	1
8.000	10.750	1085	4.9	1
9.000	11.750	1186	5.3	1
10.000	12.750	1287	5.8	1
11.000	13.750	1388	6.3	1
12.000	14.750	1489	6.7	1
13.000	15.750	1590	7.2	1
14.000	16.750	845	3.8	2
16.000	18.750	946	4.3	2
18.000	20.750	1047	4.7	2
19.000	21.750	1098	4.9	2
20.000	22.750	1148	5.2	2

COMPLETE HOT HALF
DESIGN, INCLUDING
PLATES IS SUPPLIED
WITH EACH SYSTEM.

NOTE: Design specifications subject to change without notice. * Per Zone At 220 Volts



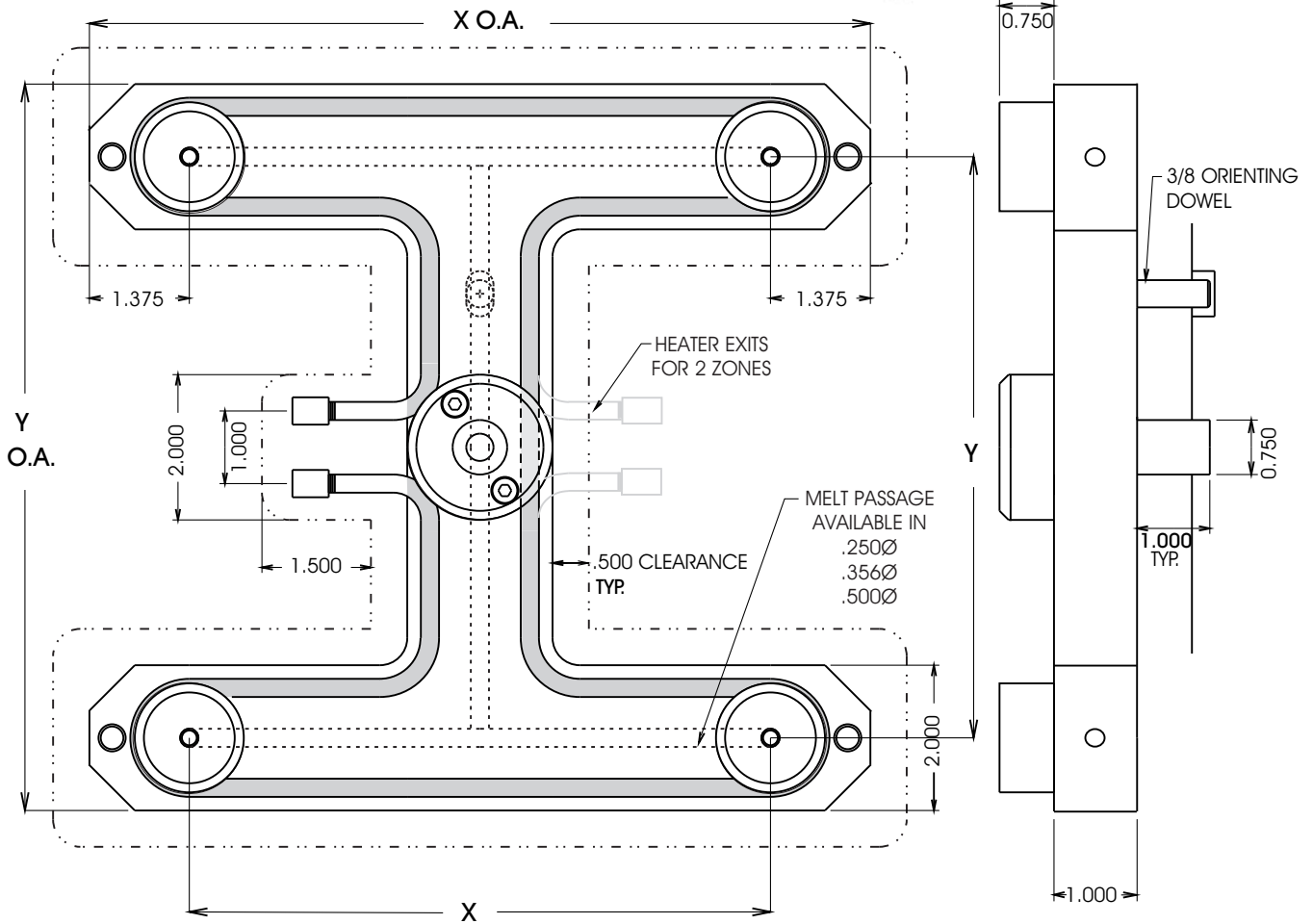
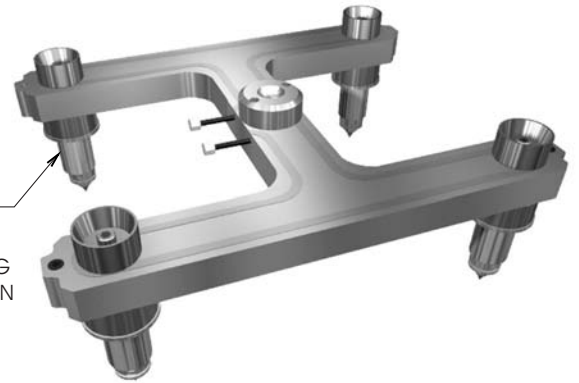
LOW PROFILE INTEGRAL HOT MANIFOLDS "H" CONFIGURATION

DESIGNED FOR RESPONSIVE,
ECONOMICAL OPERATION

TYPICAL CONSTRUCTION
H PATTERN 4 DROP MANIFOLD

COMPLETE HOT HALF
DESIGN, INCLUDING
PLATES IS SUPPLIED
WITH EACH SYSTEM.

GATING BUSHING/NOZZLE
FOR SELECTION DETAILS
SEE HEATED SPRUE BUSHING
SECTION OR CALL ORYCON
FOR DETAILS



Hot Runner
Manifold
Systems

STANDARD DESIGNS

SIZES NOT LISTED AVAILABLE WITH SLIGHTLY LONGER LEAD TIMES.

X	Y	X o.a.	Y o.a.	WATTS *	AMPS *	ZONES	X	Y	X o.a.	Y o.a.	WATTS *	AMPS *	ZONES
4.000	3.000	6.750	5.000	1387	6.3	1	9.000	5.000	11.750	7.000	1144	5.2	2
5.000	4.000	7.750	6.000	1612	7.3	1	9.000	7.000	11.750	9.000	1219	5.5	2
6.000	5.000	8.750	7.000	1837	8.3	1	10.000	6.000	12.750	8.000	1256	5.7	2
7.000	5.000	9.750	7.000	1987	9.0	1	10.000	7.000	12.750	9.000	1294	5.9	2
8.000	4.000	10.750	6.000	2062	9.3	1	12.000	6.000	14.750	8.000	1406	6.4	2
8.000	5.000	10.750	7.000	2137	9.7	1	12.000	8.000	14.750	10.000	1481	6.7	2
8.000	6.000	10.750	8.000	2212	10.0	1	12.000	10.000	14.750	12.000	1556	7.0	2

NOTE: Design specifications subject to change without notice.

* Per Zone At 220 Volts

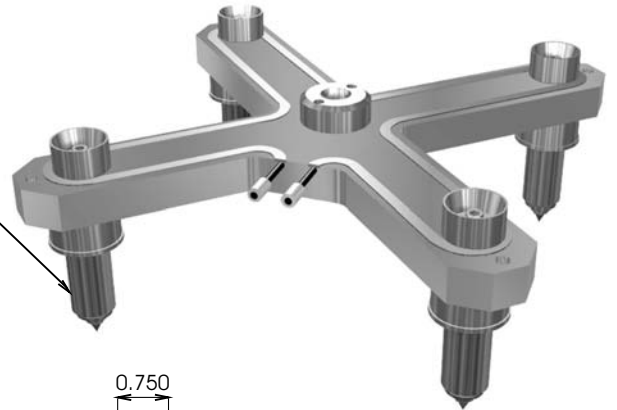


LOW PROFILE INTEGRAL HOT MANIFOLDS "X" CONFIGURATION

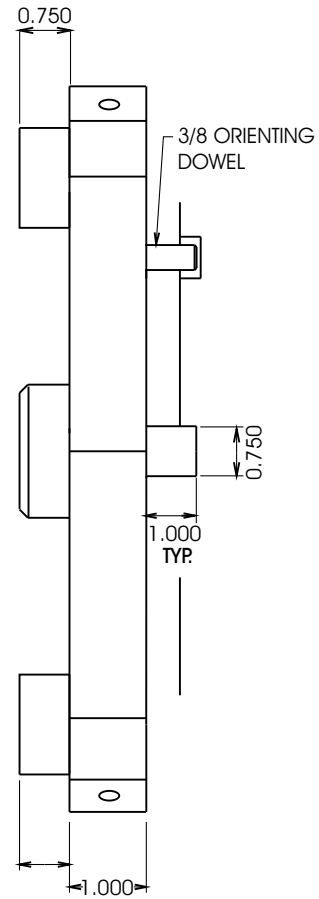
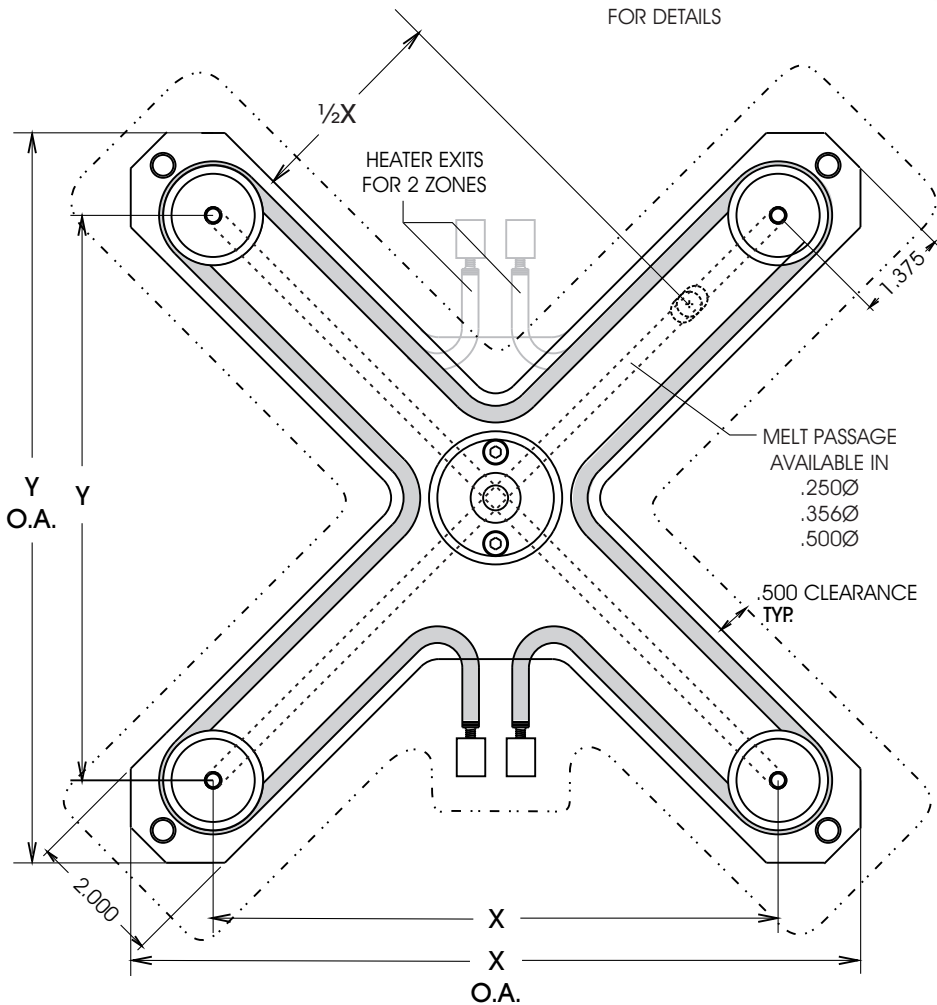
DESIGNED FOR RESPONSIVE,
ECONOMICAL OPERATION

SAME CONFIGURATION USED
AS BRIDGE MANIFOLD

TYPICAL CONSTRUCTION
X PATTERN 4 DROP MANIFOLD



GATING BUSHING/NOZZLE
FOR SELECTION DETAILS
SEE HEATED SPRUE BUSHING
SECTION OR CALL ORYCON
FOR DETAILS



Hot Runner
Manifold
Systems

COMPLETE HOT HALF
DESIGN, INCLUDING
PLATES IS SUPPLIED
WITH EACH SYSTEM.

STANDARD DESIGNS

SIZES NOT LISTED AVAILABLE WITH SLIGHTLY LONGER LEAD TIMES.

X	Y	X o.a.	Y o.a.	WATTS *	AMPS *	ZONES	X	Y	X o.a.	Y o.a.	WATTS *	AMPS *	ZONES
4.000	4.000	6.475	6.475	930	4.2	1	9.000	9.000	11.475	11.475	1046	4.7	2
5.000	5.000	7.475	7.475	1163	5.3	1	10.000	10.000	12.475	12.475	1162	5.2	2
6.000	6.000	8.475	8.475	1395	6.3	1	11.000	11.000	13.475	13.475	1278	5.8	2
7.000	7.000	9.475	9.475	1628	7.4	1	12.000	12.000	14.475	14.475	1395	6.3	2
8.000	8.000	10.475	10.475	1860	8.5	1	13.000	13.000	15.475	15.475	1511	6.8	2

NOTE: Design specifications subject to change without notice.

* Per Zone At 220 Volts

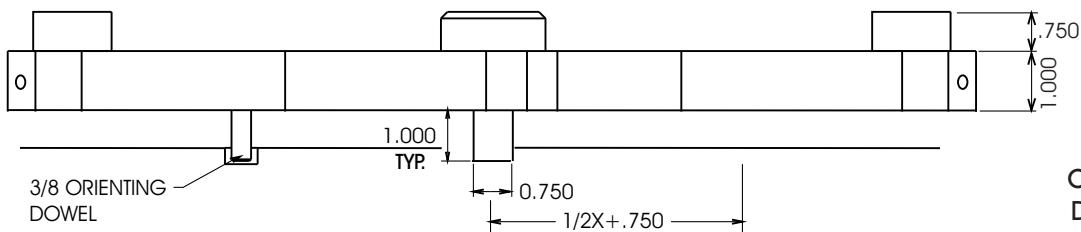
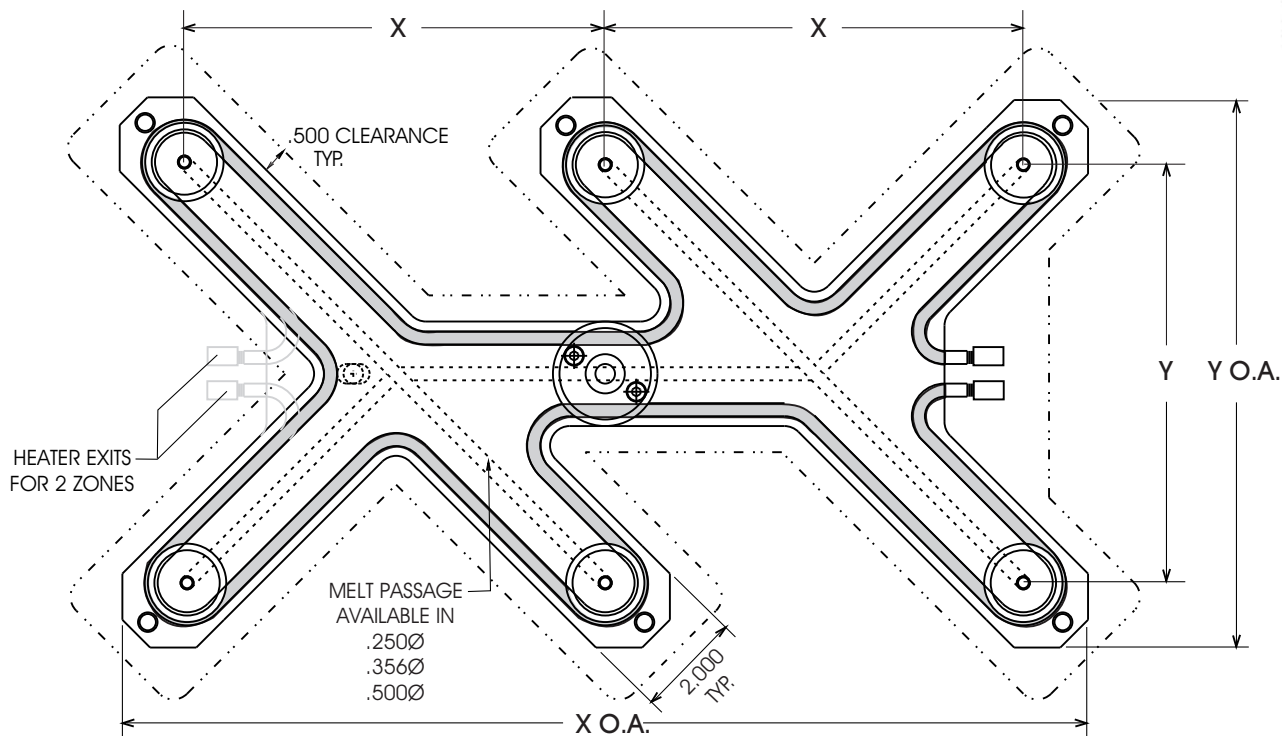
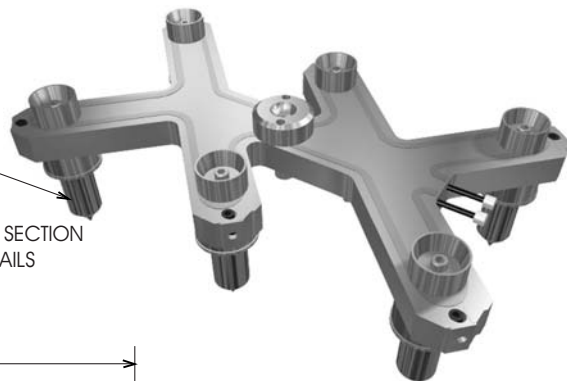


LOW PROFILE INTEGRAL HOT MANIFOLDS "YY" CONFIGURATION

DESIGNED FOR RESPONSIVE,
ECONOMICAL OPERATION

TYPICAL CONSTRUCTION
YY PATTERN 6 DROP MANIFOLD

GATING BUSHING/NOZZLE
FOR SELECTION DETAILS
SEE HEATED SPRUE BUSHING SECTION
OR CALL ORYCON FOR DETAILS



COMPLETE HOT HALF
DESIGN, INCLUDING
PLATES IS SUPPLIED
WITH EACH SYSTEM.

STANDARD DESIGNS

SIZES NOT LISTED AVAILABLE WITH SLIGHTLY LONGER LEAD TIMES.

X	Y	X o.a.	Y o.a.	WATTS *	AMPS *	ZONES
4.000	4.000	15.500	6.500	1550	7.0	1
5.000	5.000	17.500	7.500	1860	8.4	1
6.000	6.000	19.500	8.500	1100	5.0	2
7.000	7.000	21.500	9.500	1340	6.0	2
8.000	8.000	23.500	10.500	1500	6.8	2

NOTE: Design specifications subject to change without notice.

* Per Zone At 220 Volts

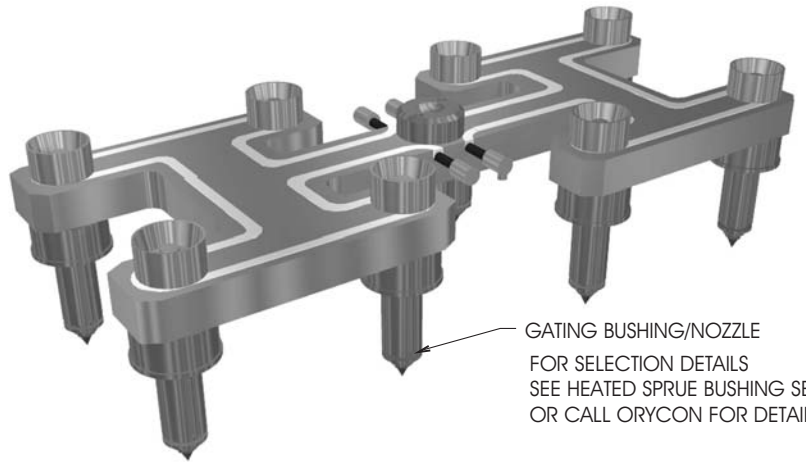
Hot Runner
Manifold
Systems



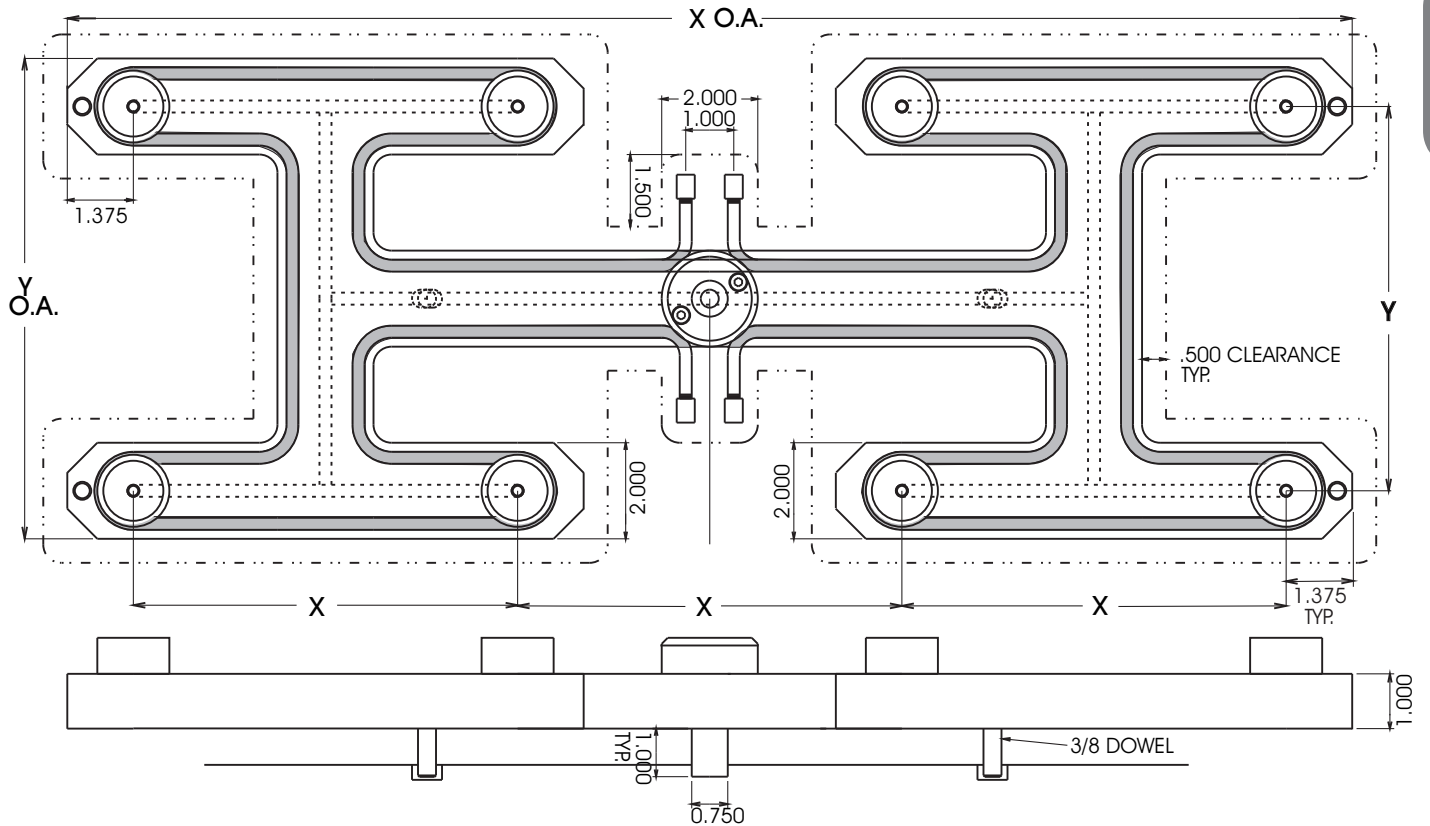
LOW PROFILE INTEGRAL HOT MANIFOLDS "HH" CONFIGURATION

DESIGNED FOR RESPONSIVE,
ECONOMICAL OPERATION

TYPICAL CONSTRUCTION
HH PATTERN 8 DROP MANIFOLD



GATING BUSHING/NOZZLE
FOR SELECTION DETAILS
SEE HEATED SPRUE BUSHING SECTION
OR CALL ORYCON FOR DETAILS



Hot Runner
Manifold
Systems

STANDARD DESIGNS

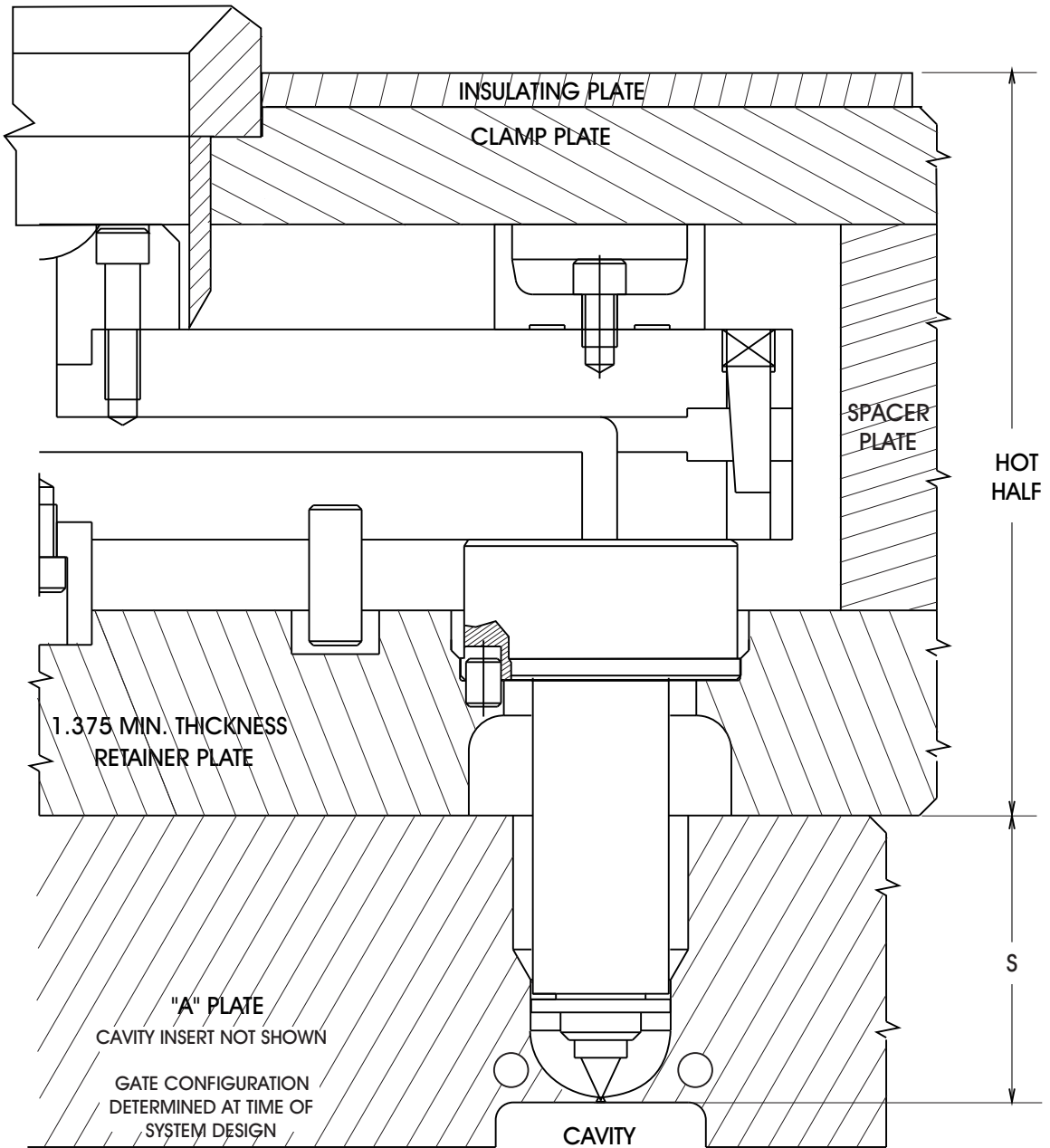
SIZES NOT LISTED AVAILABLE WITH SLIGHTLY LONGER LEAD TIMES.

X	Y	X O.A.	Y O.A.	WATTS *	AMPS *	ZONES
4.000	4.000	14.750	6.000	1080	4.9	2
5.000	5.000	17.750	7.000	1350	6.1	2
6.000	6.000	20.750	8.000	1620	7.3	2
7.000	7.000	23.750	9.000	1890	9.0	2
8.000	8.000	26.750	10.000	2160	9.8	2
9.000	9.000	29.750	11.000	2430	11.0	2
10.000	10.000	32.750	12.000	2700	12.2	2

COMPLETE HOT HALF
DESIGN, INCLUDING
PLATES IS SUPPLIED
WITH EACH SYSTEM.

NOTE: Design specifications subject to change without notice.

* Per Zone At 220 Volts



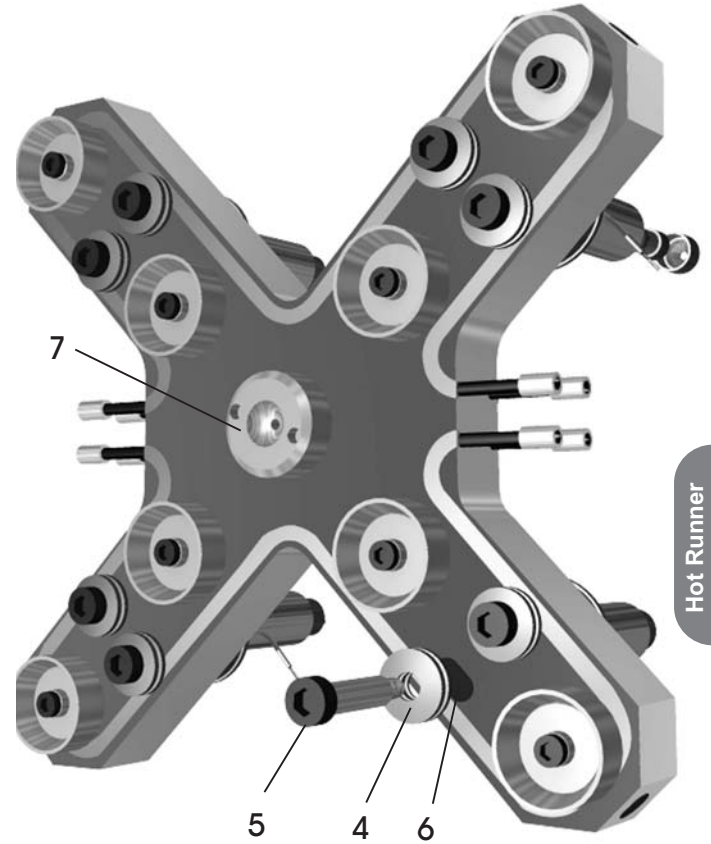
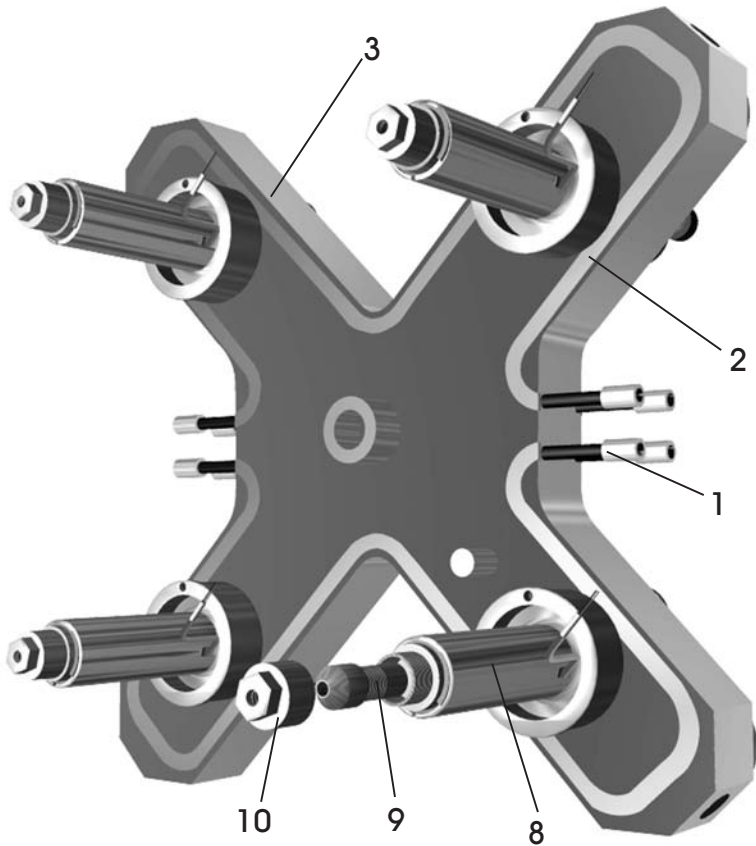
Hot Runner
Manifold
Systems

TYPICAL ASSEMBLY

FOR QUOTATION PLEASE SPECIFY:

- | | | | |
|-------|---|-------|---|
| _____ | • DIMENSIONS X, Y (see pgs. M2-M15) AND S | _____ | • CONNECTORS RQ'D. |
| _____ | • PROFILE (STANDARD OR LOW) | _____ | • RESIN MATERIAL AND GRADE |
| _____ | • NUMBER OF CAVITIES | _____ | • PART CONFIGURATION |
| _____ | • PATTERN CONFIGURATION | _____ | • SHOT WEIGHT |
| _____ | • MOLD BASE SIZE | _____ | • IF COMPLETE HOT HALF OR COMPONENTS ONLY |

LEAK-PROOF INTEGRAL MANIFOLD SYSTEM FOR LARGE VOLUME PARTS



Hot Runner
Manifold
Systems

Orycon's Leak-Proof Manifold System is designed specifically for large parts. Shown here with the Easy Clean-out Bushing, it can be fitted with all of Orycon's Gating nozzle styles. The Leak-Proof System offers the following features:

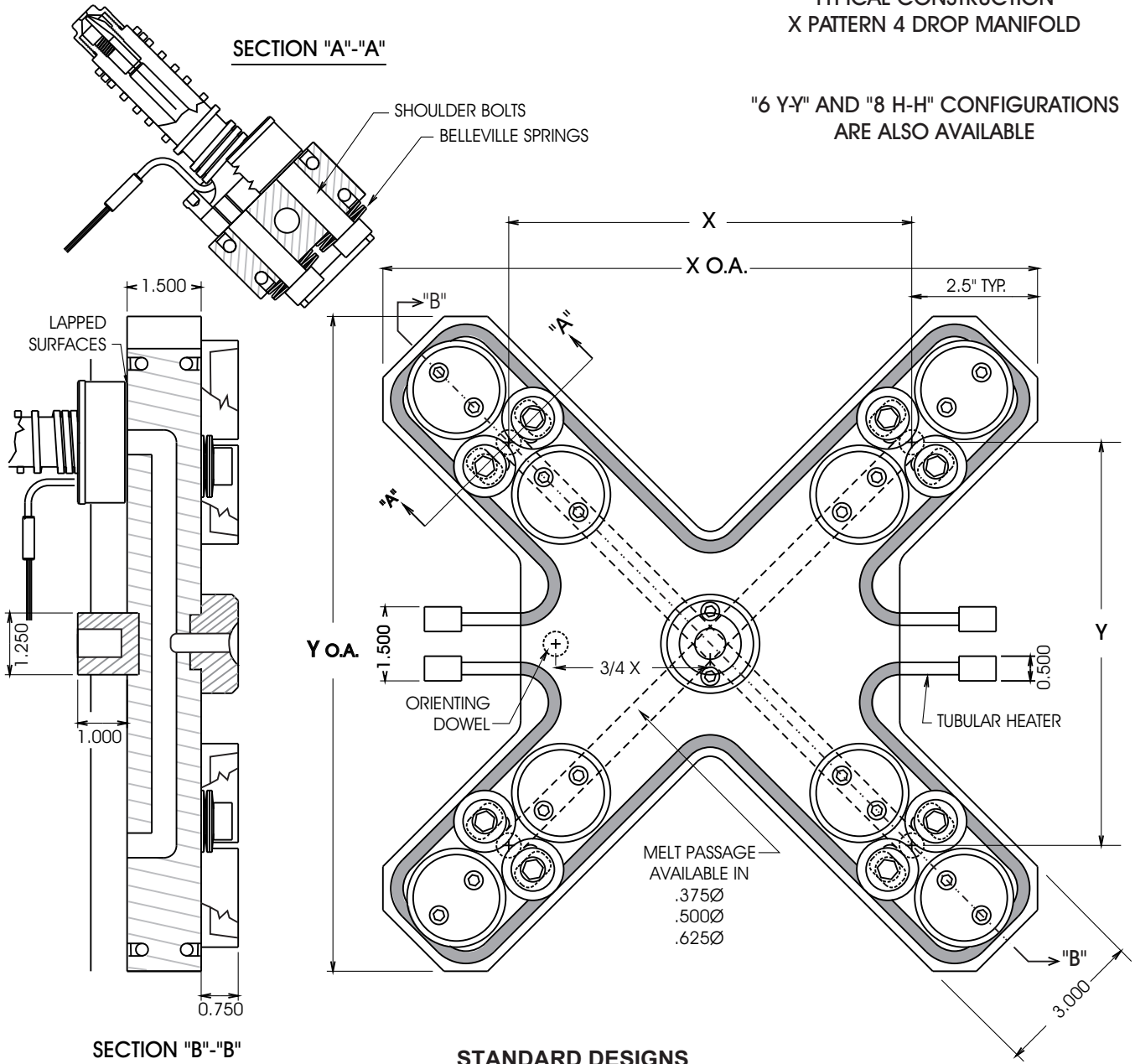
1. Long-life tubular heaters.
2. Patented heater cover with positive retention allowing 100% heat transfer from the tubular heater to the manifold.
3. Hardened and lapped surfaces eliminate the need for "O" ring seals.
4. Cupped stainless steel Belleville type springs exert approximately double the pressure that the injection molding press can generate and keep the nozzle sealed to the manifold. This prevents leaks even if mold plate stack loses compression.
5. Shoulder bolts maintain springs under pressure at all times.
6. Slots allow manifold expansion and contraction without distorting the assembly.
7. Low-profile machine nozzle seat eliminates need for additional heating zone.
8. Highly durable nozzle heaters.
9. Easily removable internal tip.
10. Easily serviceable nozzle cap can be removed directly from the cavity for cleaning of debris.

* Manufactured under one or more of the following Patents:
5,227,179 5,352,109
And Patents Pending.

LEAK-PROOF INTEGRAL MANIFOLD SYSTEM FOR LARGE VOLUME PARTS

TYPICAL CONSTRUCTION
X PATTERN 4 DROP MANIFOLD

"6 Y-Y" AND "8 H-H" CONFIGURATIONS
ARE ALSO AVAILABLE



Hot Runner
Manifold
Systems

STANDARD DESIGNS

SIZES NOT LISTED AVAILABLE WITH SLIGHTLY LONGER LEAD TIMES.

X	Y	X O.A.	Y O.A.	WATTS *	AMPS *	ZONES
7.000	7.000	12.000	12.000	1550	7.0	4
8.000	8.000	13.000	13.000	1700	7.7	4
10.000	10.000	15.000	15.000	1940	8.8	4
12.000	12.000	17.000	17.000	2100	9.5	4
14.000	14.000	19.000	19.000	2330	10.5	4

COMPLETE HOT HALF
DESIGN, INCLUDING
PLATES IS SUPPLIED
WITH EACH SYSTEM.

NOTE: Design specifications subject to change without notice. * Per Zone At 220 Volts