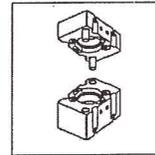
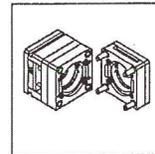


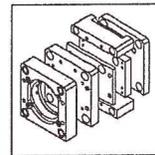
1 **Terms and Conditions**



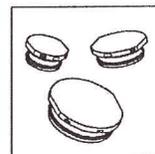
2 **Master Micro Frames**



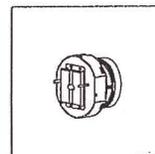
3 **Master Frames**



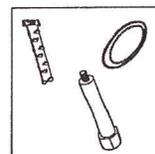
4 **Round Mate Inserts**



5 **Cavity Ready**



6 **Round Mate Components**



Terms and Conditions



Thank You for considering the Modular Mold Systems

How to Order:

All Modular Mold Systems items listed in your catalog carry a catalog number as well as a price. Please use the catalog number as well as the name of the item when ordering. This will speed your order entry as well as reduce the opportunity for error. For your convenience, phone orders will be accepted Monday through Thursday 8:00AM to 5:00PM EST., Friday, 8:00AM to 4:30PM EST. Fax system online 24 hours a day.

Voice: 419-675-3334
800-860-3974 (in the United States)
Fax: 419-675-0557
Email: info@modularmoldsystems.com

Terms:

Net 30 days with approved credit. A standard credit form must be completed and returned before credit will be extended. Visa and Master Card credit card orders are accepted. A 50% deposit may be required on special or custom orders. C.O.D. orders may be accepted. Past due accounts will be charged monthly the current maximum percentage allowed by law. All International orders must be pre-paid by CC or wire transfer.

Freight:

F.O.B. Kenton, OH unless other arrangements have been made prior to shipping.

Prices:

Prices are F.O.B. point of origin. Any taxes are in addition to the price and may be invoiced later.

Shipping Schedule:

The shipping schedule is our current estimate of delivery and we agree to use reasonable efforts to comply with the schedule. Buyer's acceptance of delivery of our products from the carrier shall constitute a waiver of any claims for delay.

Warranty:

Any product or part thereof which, under normal operating conditions in the plant of the buyer thereof, proves defective in material or workmanship, as determined by our inspection, within 12 months from date of shipment will be replaced or repaired free of charge.

This warranty is contingent upon the following conditions: that we promptly receive notice of the defect, that the buyer established that the product has been properly installed, maintained, and operated within the limits of related and normal usage as specified by us, and that, upon our request, buyer will return to us at our expense the defective product or part thereof.

The terms of this warranty do not in any way extend to any product of part thereof which has a life, under normal usage, inherently shorter than 12 months, or to equipment, tooling or machinery which were not manufactured in which event we shall use reasonable efforts to pass to the buyer the manufacturer's warranty.

The conditions of the actual production in each end user's plant vary considerably. Therefore, description of the production or performance capability of any product is estimates only and is not warranted.

Any services or part provided by us which are outside the scope of the warranties shall be charged to buyer at our applicable time and material rate and terms and conditions in effect at the time such service or parts are provided.

Exclusions of Warranties:

The warranties to repair or replace defective products or parts as set forth in paragraph 3, and any additional warranty expressly stated to be a warranty and set forth in writing as part of these terms herein are in lieu of all other warranties, expressed or implied, including but not limited to, any implied warranty of merchantability or fitness for a particular purpose.

Limitation of Remedies and Liabilities:

Buyer agrees that our liability and buyer's sole exclusive remedy pursuant to any claim of any kind including but not limited to a claim in contract, negligence or strict liability, against us or any of our affiliates, shall be (a) the repair or replacement at our option of defective products or parts thereof or (b) a refund of the price allocable to the defective product or part thereof. Claims of any kind include but are not limited to those for any loss or damage arising out of, connected with, or resulting from this agreement or from the performance or breach of the terms thereof, or from the design, manufacturer, sale, delivery, resale, installation, technical direction of installation, inspection, repair, operation or use of any product or part thereof covered by this agreement. If however any warranty is expressly set forth in writing in accordance with the Shipping Schedule as part of these terms in addition to those set forth in the Shipping Schedule, our affiliates under such additional warranty shall terminate one year from date of shipment by us.

Under no circumstances shall we or any affiliate of ours have any liability whatsoever for incidental or consequential damages, such as, but not limited to, loss of profit or revenue; loss of use of the product, part thereof, or software materials; cost of capital; cost of replacement equipment; or claims resulting from contracts between buyer, its customers and/or suppliers. Unless expressly provided for herein, in no event shall we or any affiliate of ours assume responsibility or liability for (a) penalties, penalty clauses, or liquidated damage clauses of any description, (b) certifications or (c) identification of buyer or other costs, damages or expenses arising out of or related to the product or part thereof.



Terms and Conditions

Cancellations:

Unless otherwise agreed, buyer may cancel all or part of the order by written notice received by us no later than 120 days before the acknowledged shipping date or (in the case of cancellation of only part of an order) 120 days before our completion of that part of the order. On receipt of such cancellation notice, all work on the order or part thereof will be stopped as promptly as is reasonably possible. Buyer will then be invoiced for and will pay to us, as liquidated damages, a cancellation charge. For completed items, the charge will be equal to 120% of our full cost as determined by us in accordance with our standard accounting practices, plus a charge for any packing and storage, less a credit for the balance of the material as scrap. Full cost includes burden and overhead cost incurred by us or by any of our affiliates.

Payment Terms:

Payment is due in accordance with any applicable progress, advance or other agreed upon payment schedule, or, if no such schedule has been agreed to, upon acceptance as specified in the Acceptance of Product paragraph, but in no event later than 30 days from date to invoice. No cash discount is provided. If in our judgement, buyer's financial condition changes, we may stop work until financial arrangements satisfactory to us are made.

Acceptance of Product:

Before accepting any product covered by buyer's order, buyer shall have a final opportunity to inspect it immediately after delivery, installation, or any scheduled demonstration of the product by us, whichever is later. Each such product shall be deemed to be accepted 14 days thereafter, unless we receive written notification of rejection for cause from buyer within 14 days.

Risk of Loss:

Possession and risk of loss of each item of equipment shall pass to buyer upon delivery of such items to buyer's designated carrier, consigned to buyer or buyer may direct.

Title:

Title of each item of equipment passes to buyer when it has been delivered to buyer's designated carrier at our place of business in Kenton, OH.

Force Majeure:

We shall not be liable for any delay in performance or non performance which is due to war fire, flood, acts of God, acts of third parties, acts of government authority or any agency or commission thereof, accident, breakdown of equipment, difference with employees or similar or dissimilar causes beyond our reasonable control, including but not limited to, those interfering with production, supply or transportation of products, raw material or components or reasonable, material, labor, equipment or transportation.

Acceptance of Orders:

Buyer agrees that all orders, including any arising from our proposal, shall include these terms and conditions only, not withstanding any different or additional terms that may be embodied in buyer's order. All orders are subject to acceptance by us in writing.

Order Return Policy:

Any buyer's order returned to Pleasant Precision, Inc. for stocking will be charged a restocking fee equal to 15% of the purchase price. Any returned order must be received by Modular Mold Systems within 30 days of original purchase date. Returned items must be received in "As New" condition, undamaged.

Merger Clause:

This agreement entirely supersedes any prior oral representations, correspondence, proposal, quotation, or agreement. This writing constitutes the final and total expression of such agreement between the parties, and it is a complete and exclusive statement of the terms of that agreement.

Assignment:

Neither party may assign the agreement without the written consent of the other party.

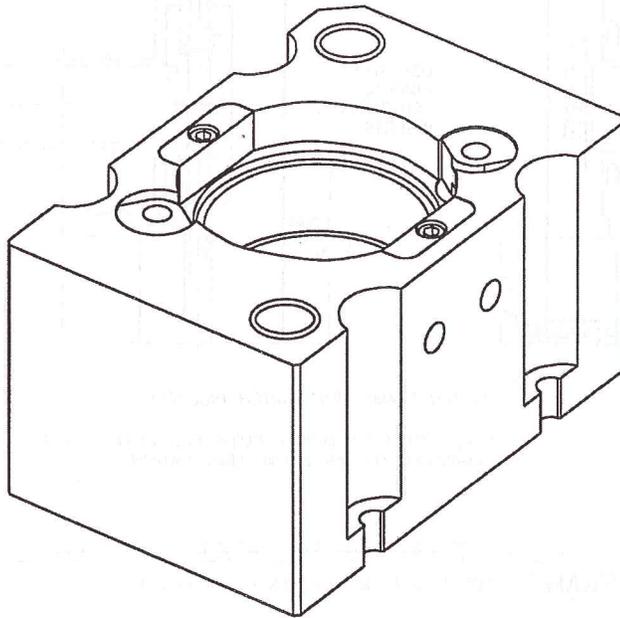
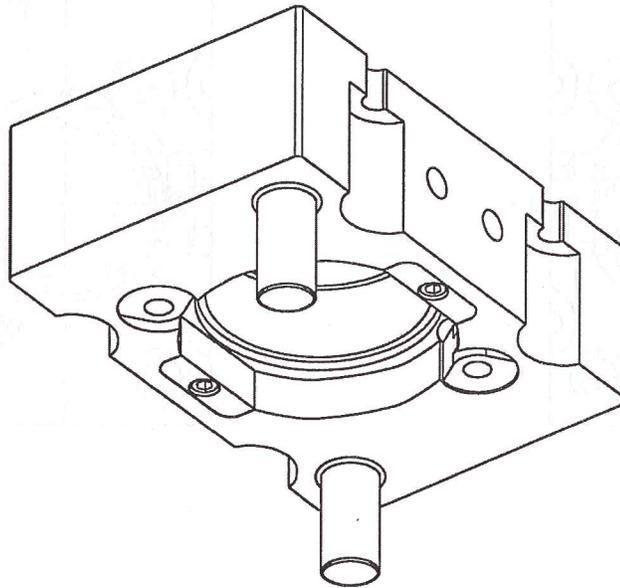
Governing Law:

This agreement shall be governed by and construed in accordance with the laws of the State of Ohio.



Section Two		
<i>Round Mate Interchangeable Systems</i>		
Round Mate Micro Series		
3"	Micro Master Frame	2.4
	Micro Components	2.5-2.6
4"	Micro Master Frame	2.8
	Micro Components	2.9
Round Mate Original Series		
4"	Standard Master Frame	2.12
	Standard Components	2.13
	EX2 Master Frame	2.14
	EX2 Components	2.15-2.16
6"	Standard Master Frame and Components	2.17-2.20
	3-Plate Master Frame and Components	2.22-2.24
	EX2 Master Frame and Components	2.26-2.28
8"	Standard Master Frame and Components	2.30-2.32
	3-Plate Master Frame and Components	2.34-2.36
	EX2 Master Frame and Components	2.38-2.40

Round Mate Micro Series

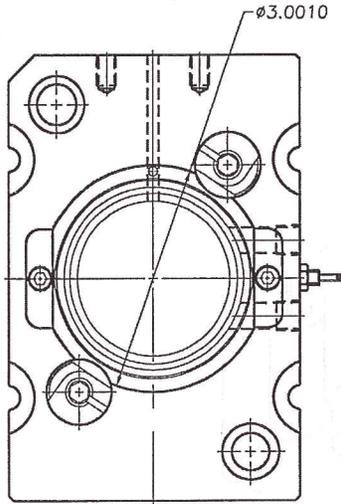


3" ROUND MATE[®]

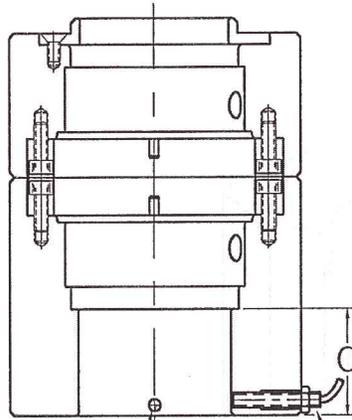
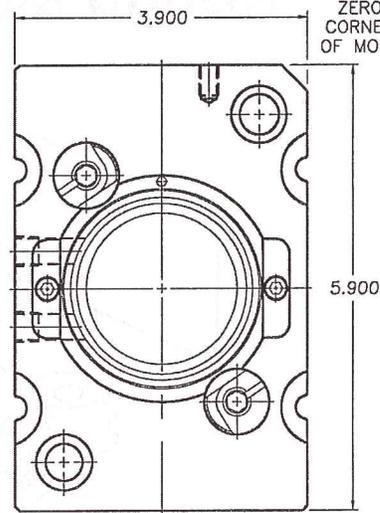
Micro Master Frame

DESIGNED FOR USE IN
NISSEI HM-7 MOLDER

ZERO
CORNER
OF MOLD

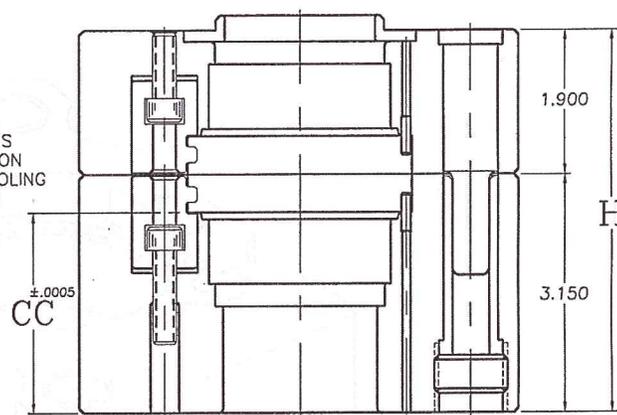


ZERO
CORNER
OF MOLD



CLEARANCE HOLE IS USED
TO ACCESS SET SCREW IN
EJECTOR PLATE.

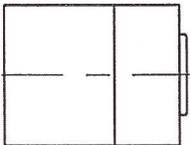
USE THIS
DIMENSION
FOR TOOLING
INSERTS



MASTER FRAME LIMIT SWITCH INCLUDED.

REFER TO 3" TECHNICAL GUIDE FOR INFORMATION
REGARDING MASTER FRAME LIMIT SWITCH.

MICRO SERIES MASTER FRAME (FOR NISSEI HM-7 APPLICATIONS ONLY)

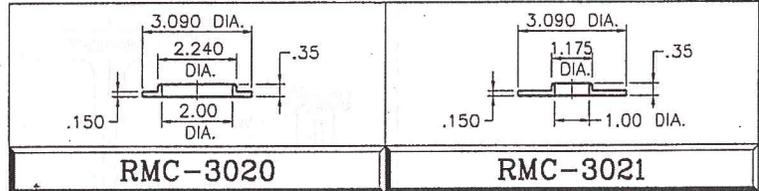
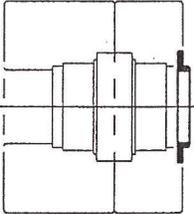


STYLE #	C	CC	H
RMF-0311	1.400	2.6500	5.050

3" ROUND MATE® Micro Components



LOCATING RING



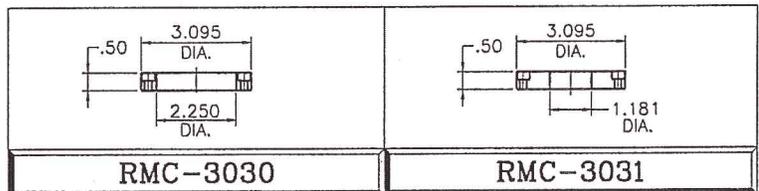
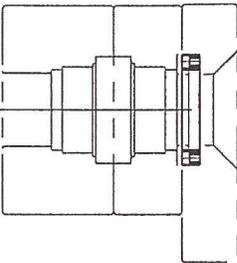
HOT BUSHING MODEL
(REQUIRES PLATEN MODIFICATION)

STANDARD MODEL

MAT'L 4140

PLATEN INSERT

FOR BETTER UTILIZATION OF THE ROUND MATE MASTER FRAME,
A PLATEN INSERT CAN BE ADAPTED TO THE STATIONARY PLATEN.
MODIFICATION OF THE MACHINE PLATEN IS NECESSARY.

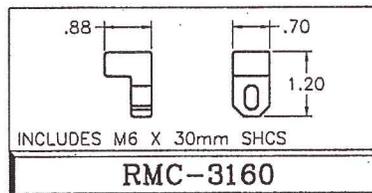
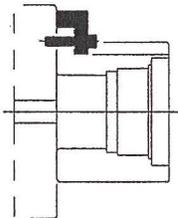


RMC-3030: USED WITH LOCATING RING #RMC-3020 WHEN MORE CLEARANCE IS
REQUIRED FOR A HOT BUSHING OR HOT TIP & WIRING.

RMC-3031: USED WHEN RETURNING TO STANDARD LOCATING RING #RMC-3021.

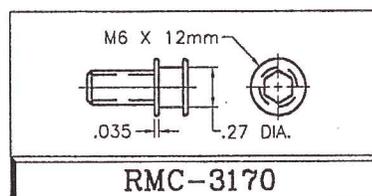
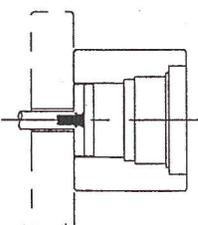
MAT'L 4140

MOLD CLAMP



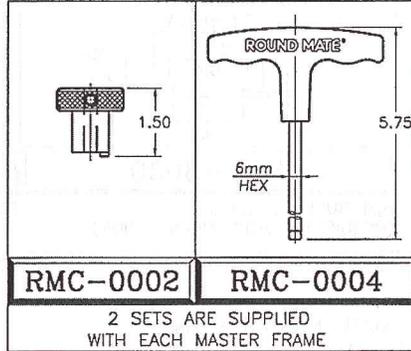
PACKAGE OF 4 MAT'L 4140

KNOCK-OUT BOLT



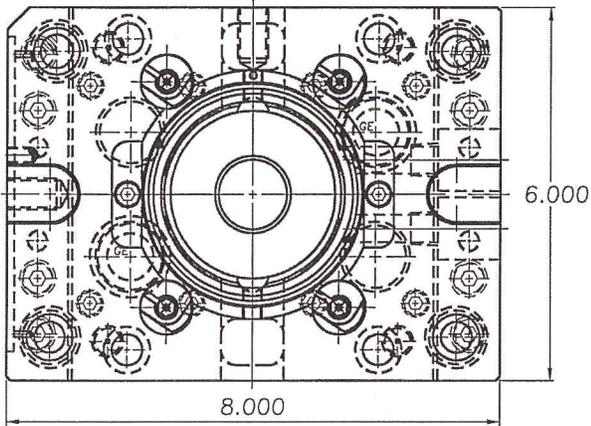
PACKAGE OF 5

RETAINER/LIFTER - EJECTOR RETAINER WRENCH

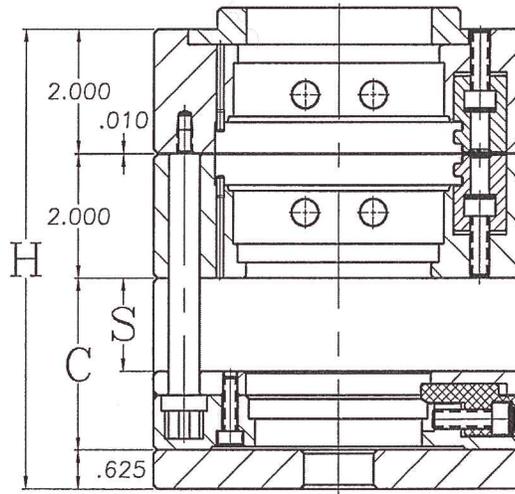
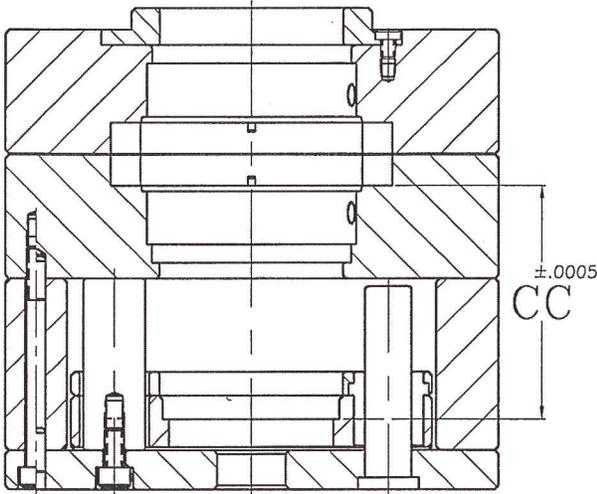
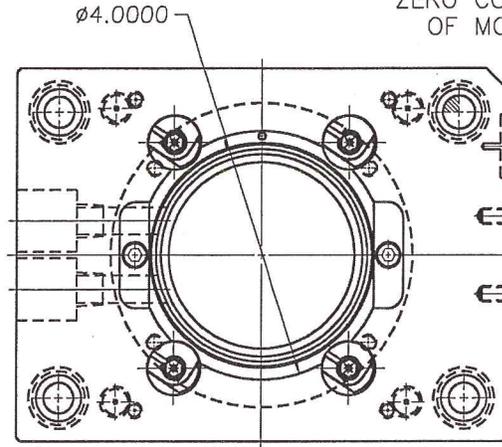


4" ROUND MATE[®] Micro Master Frame

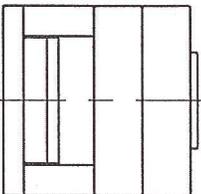
ZERO CORNER
OF MOLD



ZERO CORNER
OF MOLD



MICRO SERIES MASTER FRAME



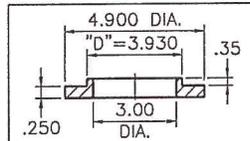
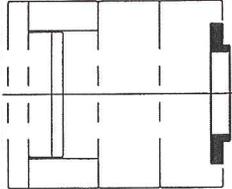
STYLE #	C	CC	H	S
MSF-0413	2.75	3.7500	7.385	1.500

4" ROUND MATE®

Micro Components



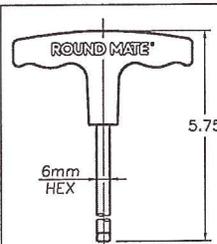
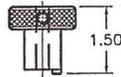
LOCATING RING



MSC-4020

MOUNTING SCREWS INCLUDED
MAT'L 4140

RETAINER/LIFTER - EJECTOR RETAINER WRENCH

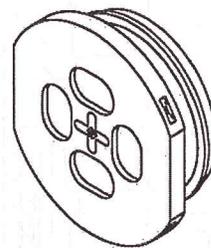
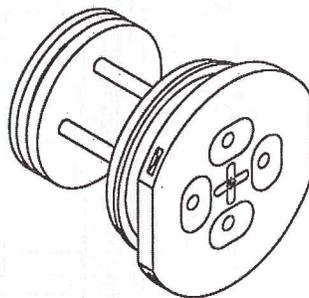
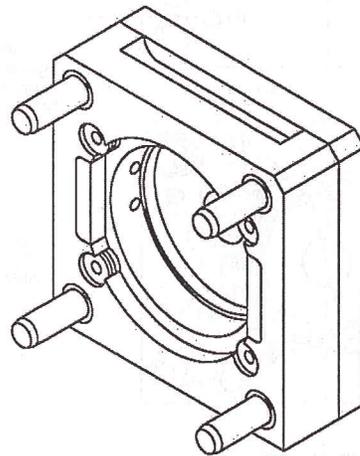
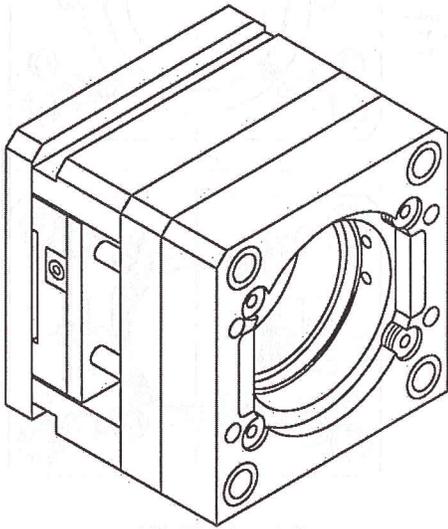


RMC-0002

RMC-0006

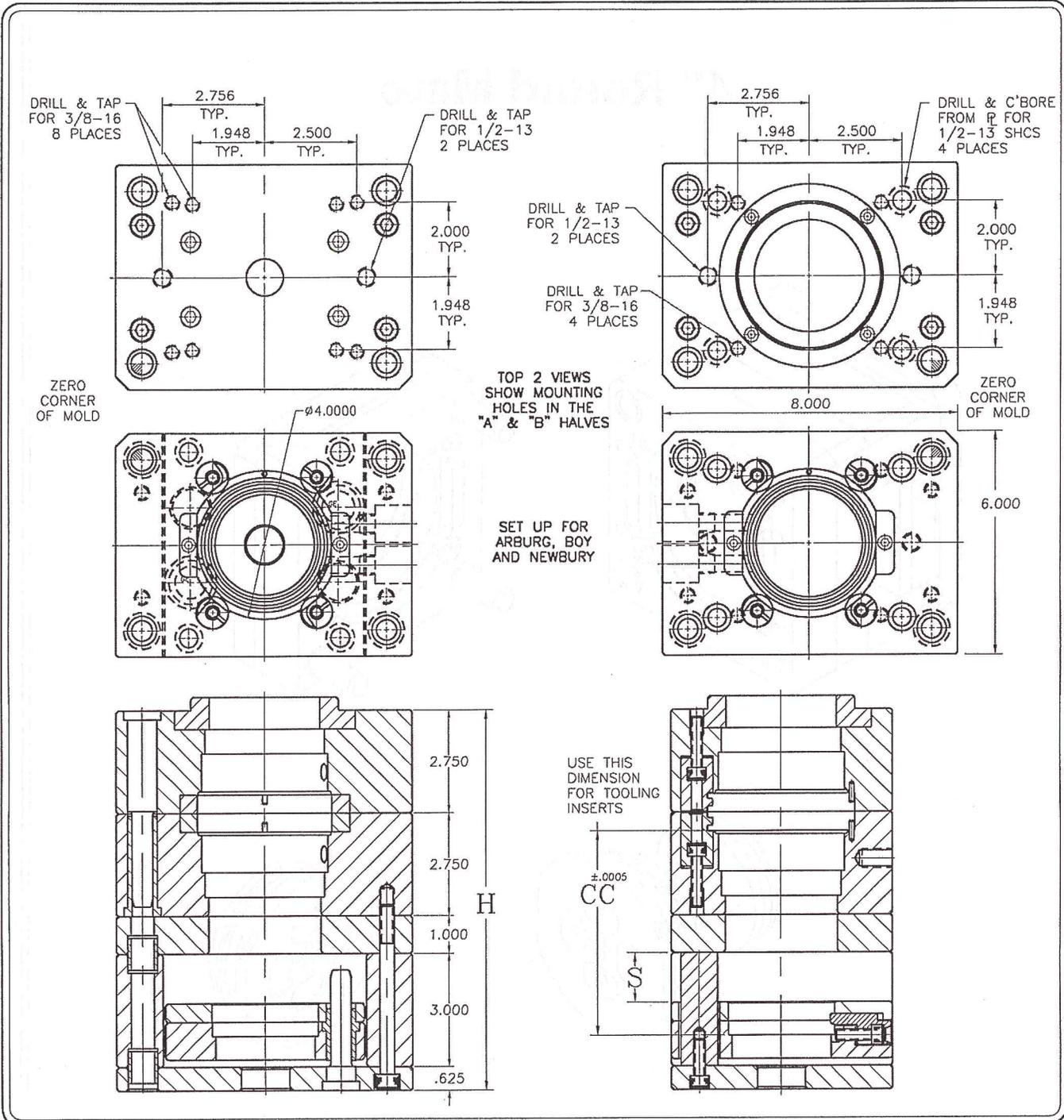
2 SETS ARE SUPPLIED
WITH EACH MASTER FRAME

4" Round Mate

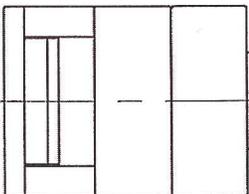


4" ROUND MATE®

Standard Master Frame



STANDARD MASTER FRAME



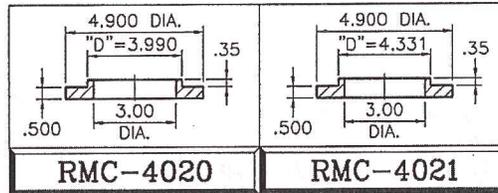
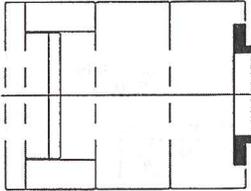
STYLE #	C	CC	H	S
RMF-0413	3.00	5.4375	10.125	1.312

4" ROUND MATE®

Standard Components



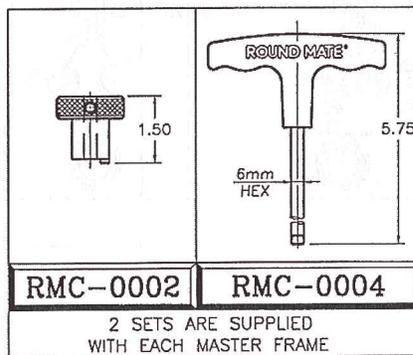
LOCATING RING



MOUNTING SCREWS INCLUDED

MAT'L 4140

RETAINER/LIFTER - EJECTOR RETAINER WRENCH

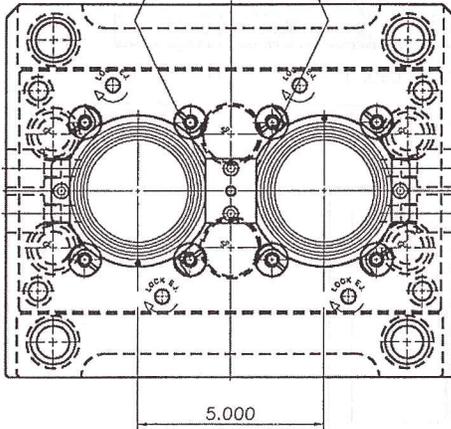


4" ROUND MATE[®]

EX2 Master Frame

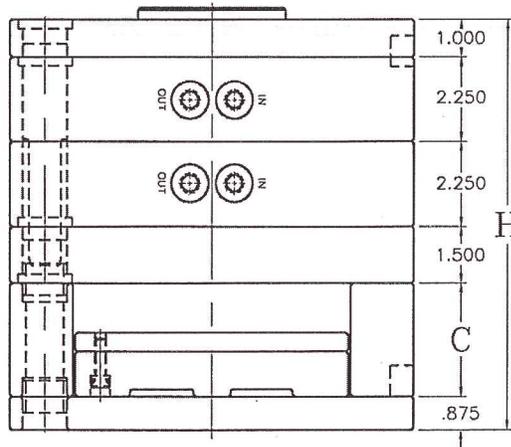
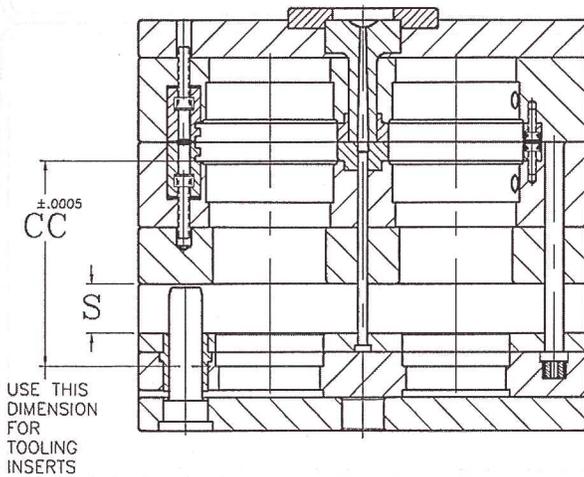
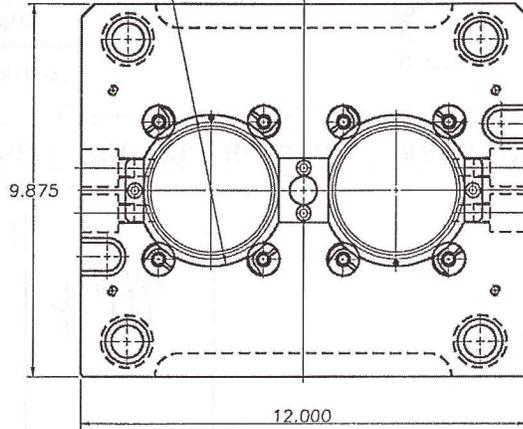
ZERO CORNER
OF MOLD

ZERO FLATS
OF INSERTS



Ø4.0000

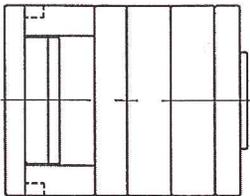
ZERO CORNER
OF MOLD



MULTI-POSITION MASTER FRAMES ARE SUPPLIED WITH SPI STANDARD KNOCKOUT LOCATIONS.
NON-STANDARD KNOCKOUT LOCATIONS WILL BE QUOTED UPON REQUEST.

WHEN ORDERING A MULTI-POSITION MASTER FRAME PLEASE SPECIFY: RUNNER SIZE;
RUNNER BLOCK HEIGHT; SPRUE BUSHING "R" & "O" DIM.; LOCATING RING TYP

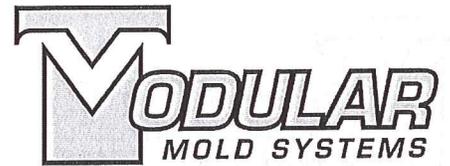
STANDARD TWO POSITION MASTER FRAME



STYLE #	C	CC	H	S
RMF-0423	3	5.4375	10.875	1.312
RMF-0424	4	6.4375	11.875	2.312
RMF-0425	5	7.4375	12.875	3.312

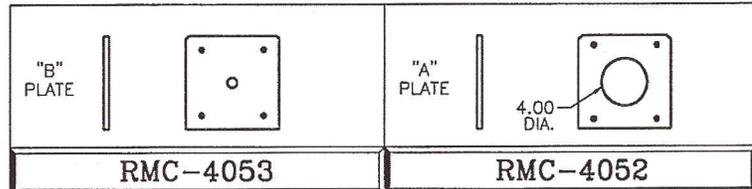
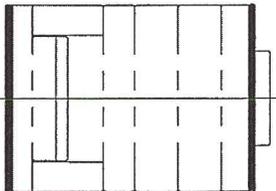
4" ROUND MATE®

EX2 Components

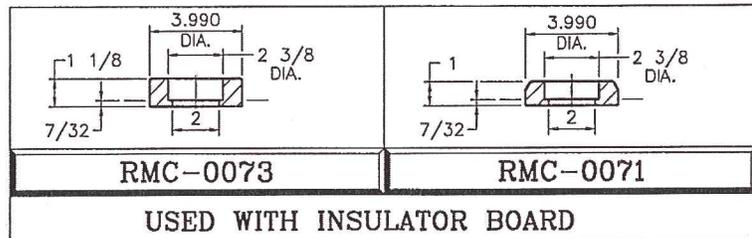
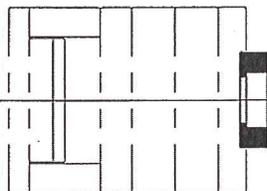


INSULATOR BOARD

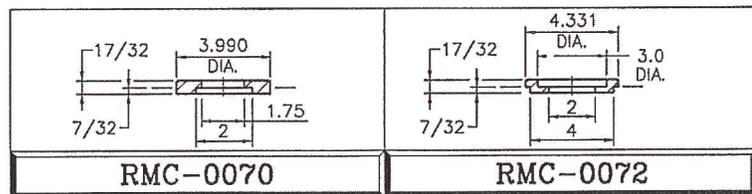
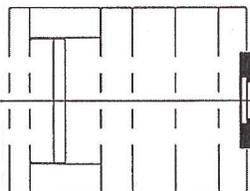
OPTIONAL



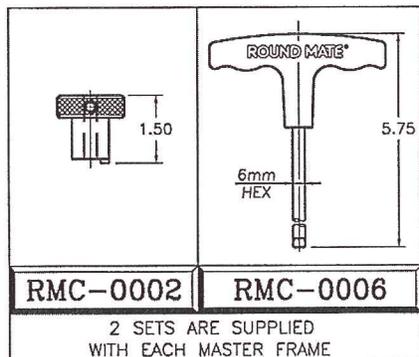
EXTENDED LOCATING RING



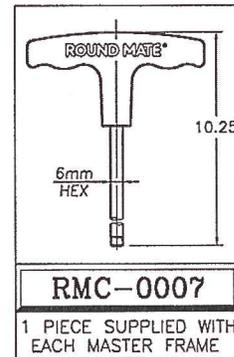
LOCATING RING



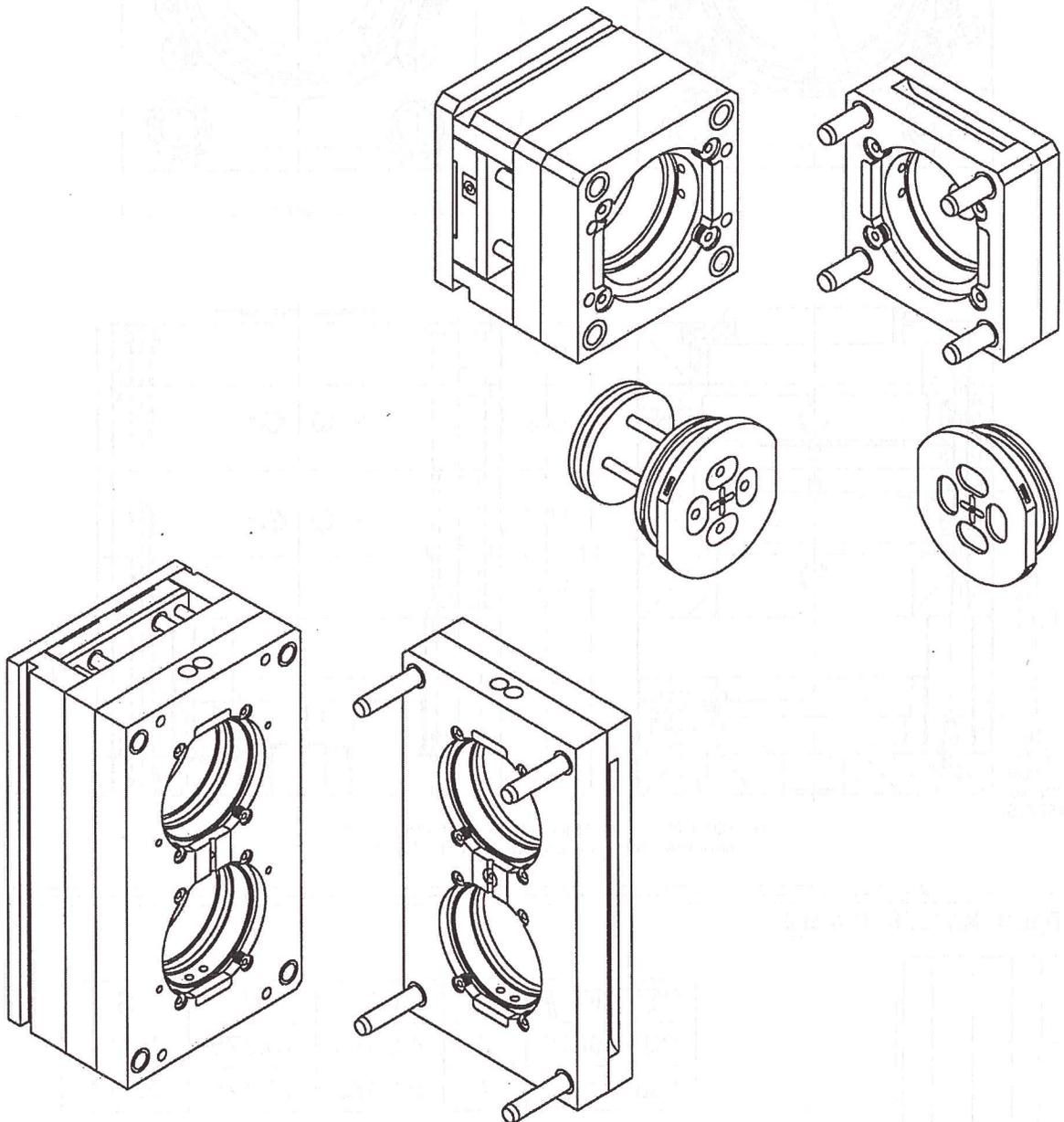
RETAINER/LIFTER



EJECTOR RETAINER WRENCH

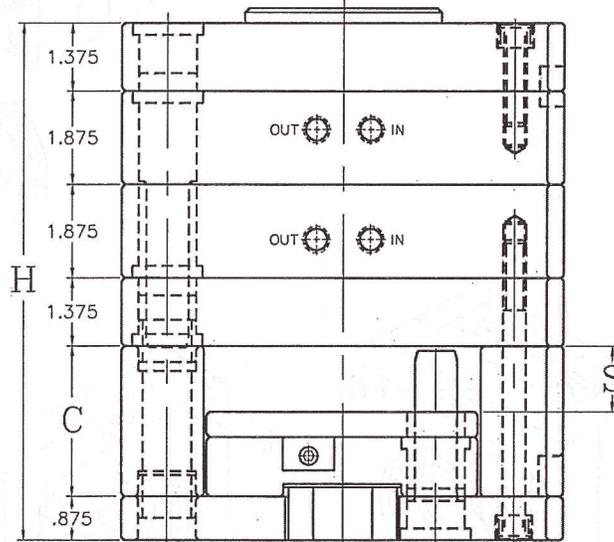
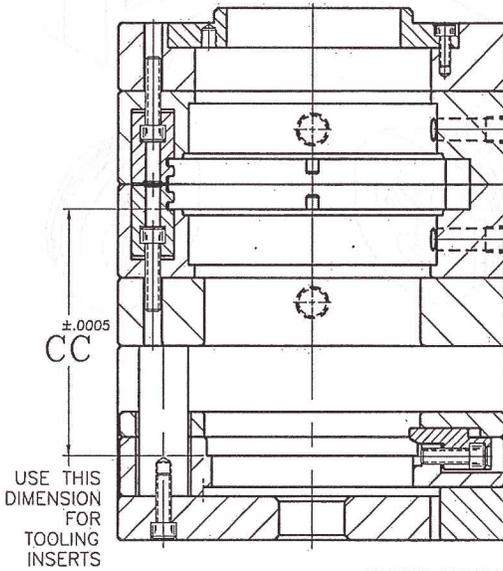
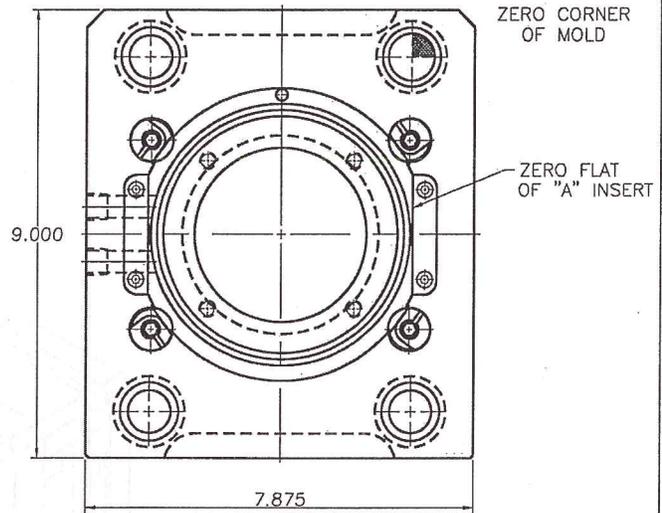
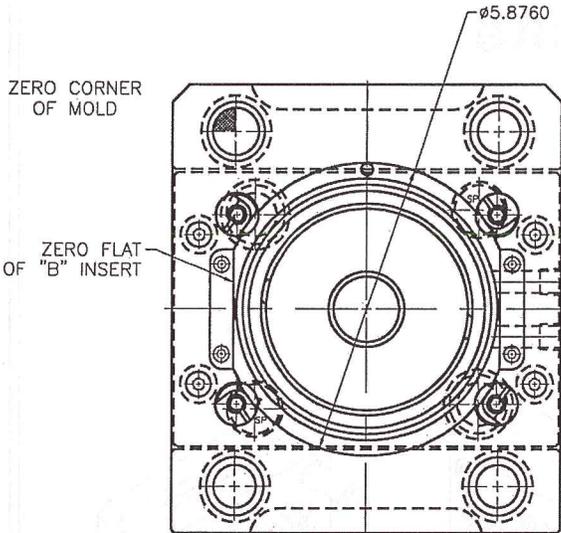


6" Round Mate



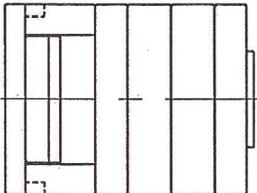
6" ROUND MATE[®]

Standard Master Frame



MASTER FRAME COMES INSTALLED WITH RMC-6020
AND RMC-6038 UNLESS OTHERWISE NOTED

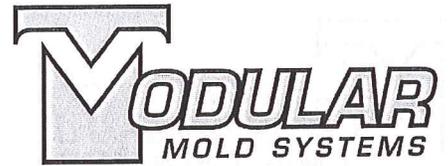
STANDARD MASTER FRAME



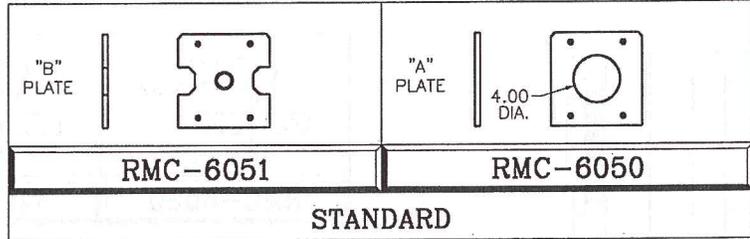
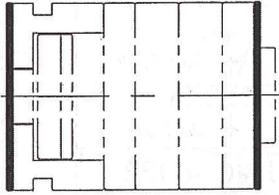
STYLE #	C	CC	H	S
RMF-0613	3	4.9375	10.375	1.312
RMF-0614	4	5.9375	11.375	2.312

6" ROUND MATE®

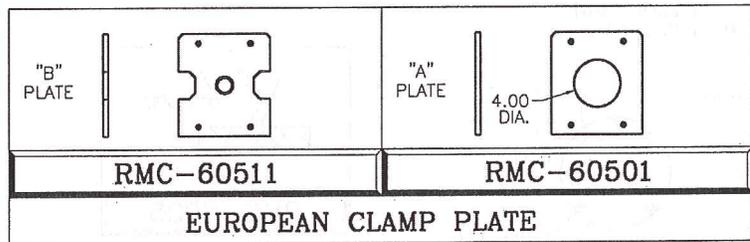
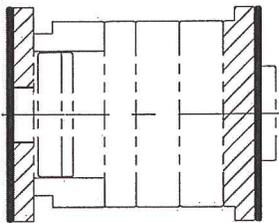
Standard Components



INSULATION BOARD

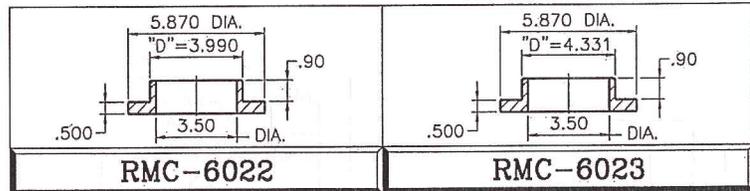
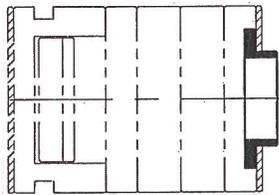


OPTIONAL



EXTENDED LOCATING RING

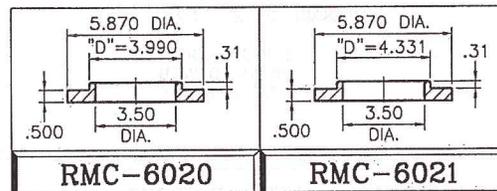
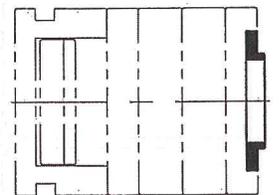
NEED ONLY IF INSULATOR BOARD IS USED



MOUNTING SCREWS INCLUDED

MAT'L 4140

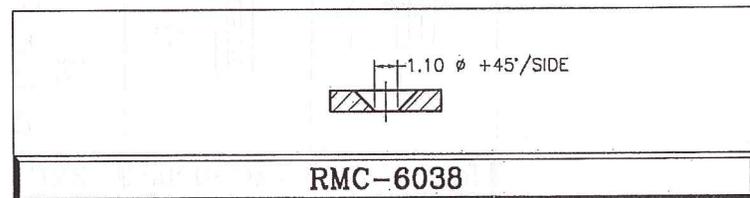
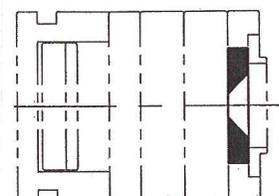
LOCATING RING



MOUNTING SCREWS INCLUDED

MAT'L 4140

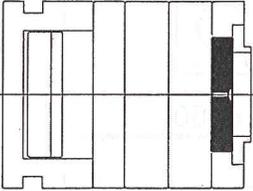
EXTENDED NOZZLE DISC



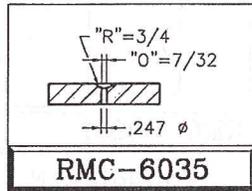
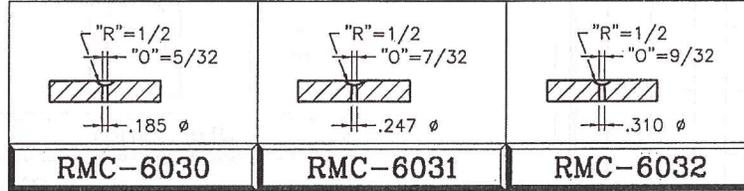
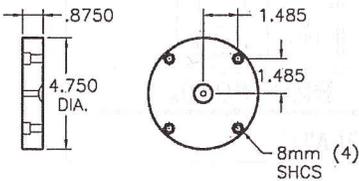
MOUNTING SCREWS INCLUDED

MAT'L 6150 H.T.

SPRUE BUSHING DISC

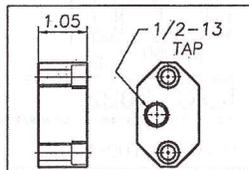
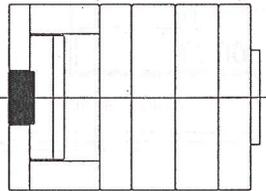


SPRUE BUSHING DISC AND EXTENDED NOZZLE DISC BOLT INTO MASTER FRAME WITH BOLT PATTERN SHOWN



MOUNTING SCREWS INCLUDED

EJECTOR K.O. MOUNTING BLOCK



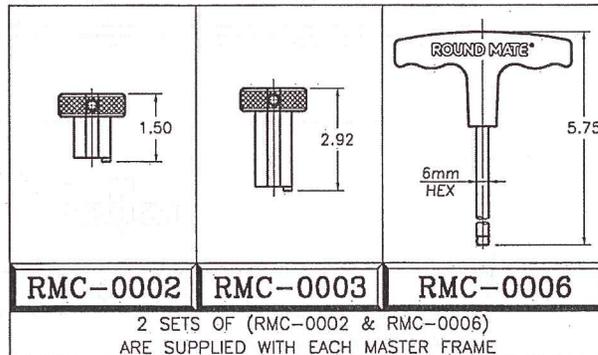
RMC-0001

USED WITH STANDARD

PACKAGE OF 2 MAT'L 4140

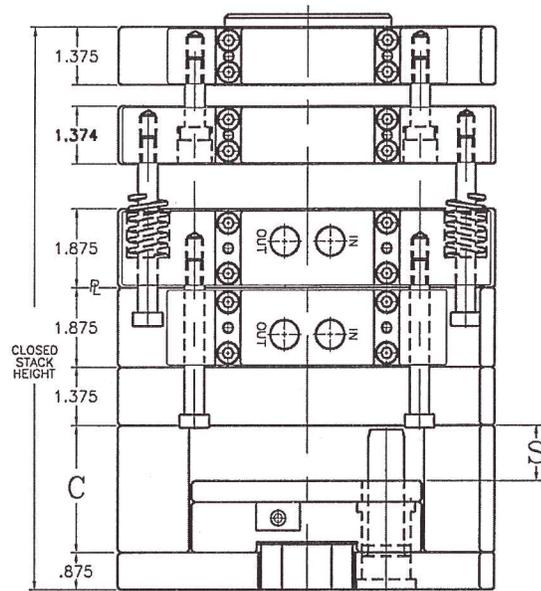
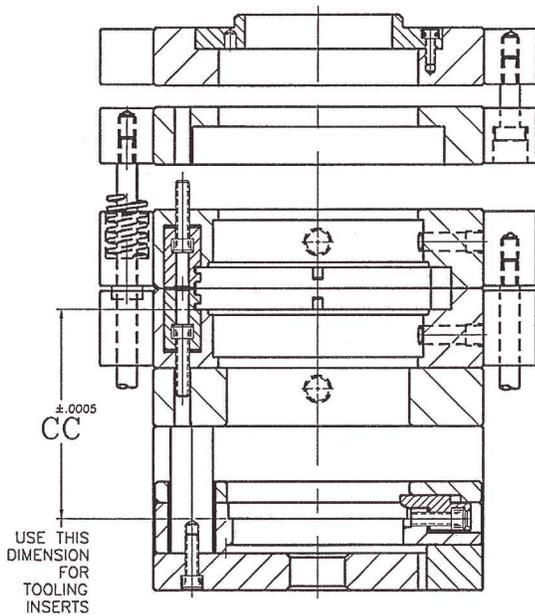
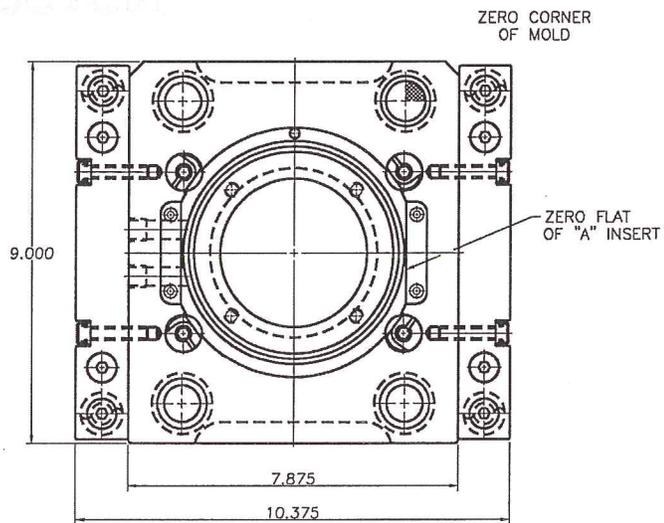
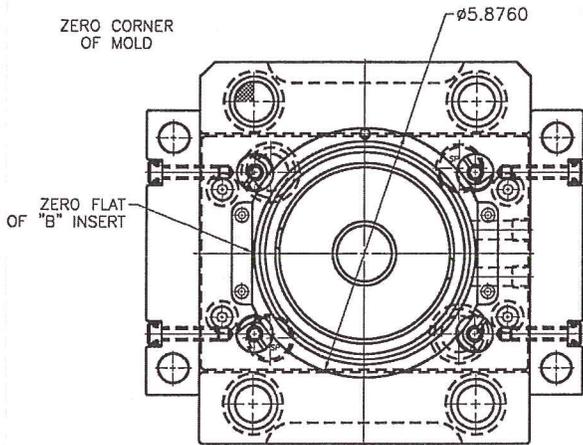
2 K.O. BLOCKS INCLUDED WITH MASTER FRAME

RETAINER/LIFTER - EJECTOR RETAINER WRENCH



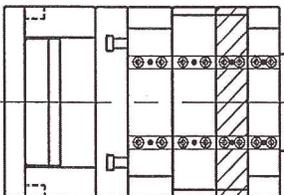
6" ROUND MATE[®]

3-Plate Master Frame



WHEN ORDERING A SINGLE POSITION MASTER FRAME
PLEASE SPECIFY: LOCATING RING; SPRUE BUSHING DISC

STANDARD MASTER FRAME WITH 3 PLATE WITH SPRUE GATING



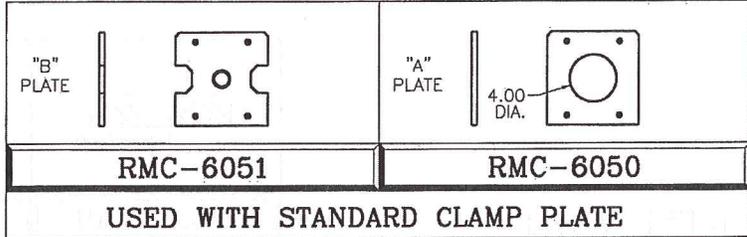
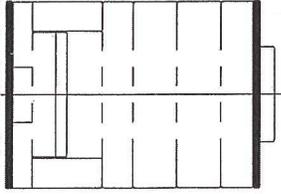
STYLE #	C	CC	H	S
RMF-4613	3	4.9375	11.750	1.312
RMF-4614	4	5.9375	12.750	2.312

6" ROUND MATE®

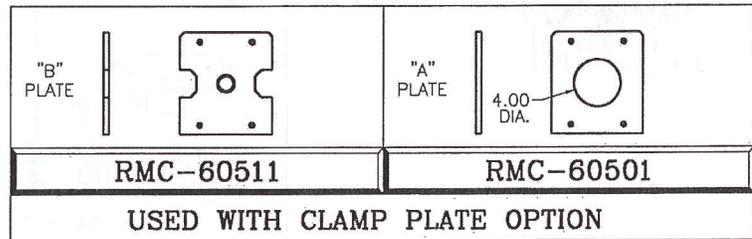
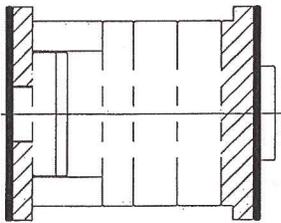
3-Plate Components



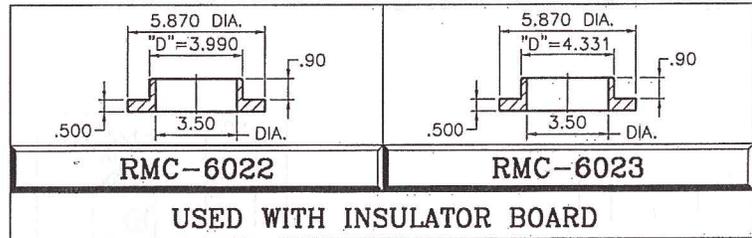
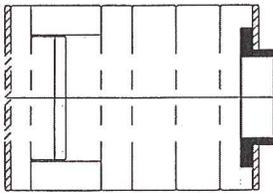
INSULATOR BOARD



OPTIONAL



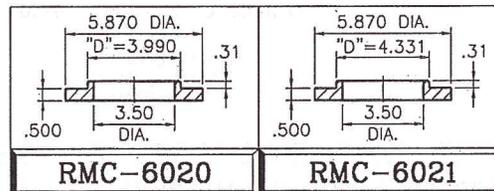
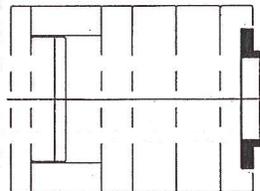
EXTENDED LOCATING RING



MOUNTING SCREWS INCLUDED

MAT'L 4140

LOCATING RING



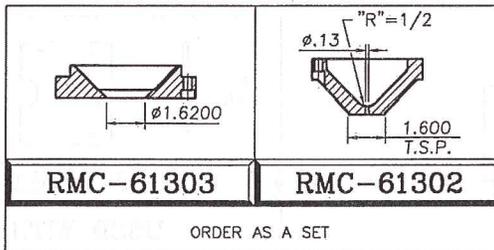
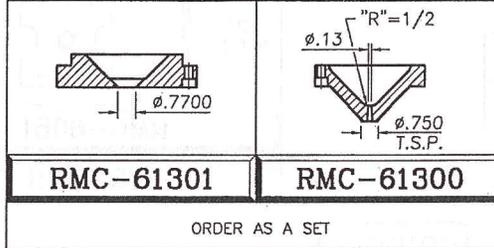
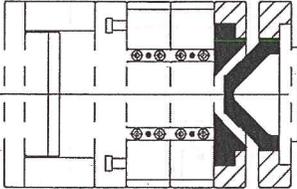
MOUNTING SCREWS INCLUDED

MAT'L 4140

Components continued on following catalog page

6" ROUND MATE[®] 3-Plate Components

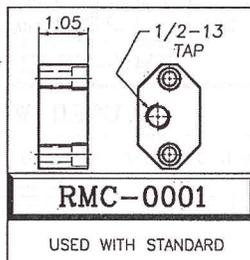
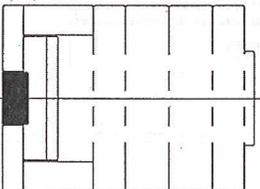
3 PLATE RUNNER STRIPPER DISC AND EXTENDED NOZZLE CONE SET



ORDER AS A SET

ORDER AS A SET

EJECTOR K.O. MOUNTING BLOCK



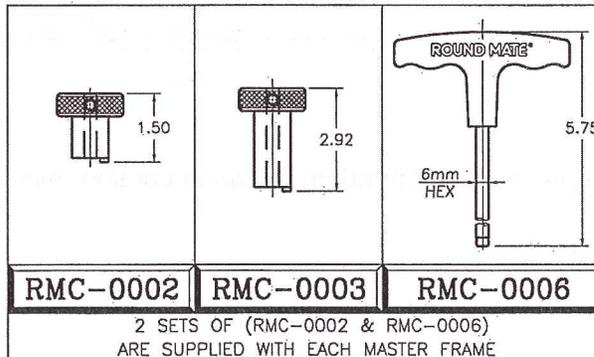
RMC-0001

USED WITH STANDARD

PACKAGE OF 2 MAT'L 4140

2 K.O. BLOCKS
INCLUDED WITH
MASTER FRAME

RETAINER/LIFTER - EJECTOR RETAINER WRENCH



RMC-0002

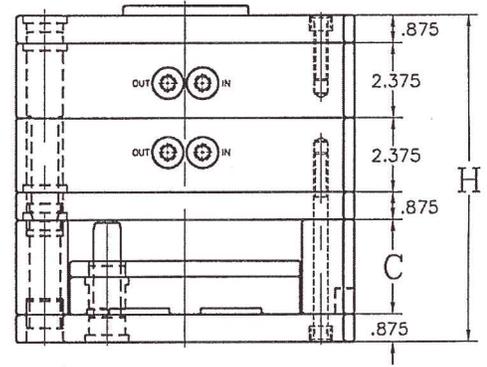
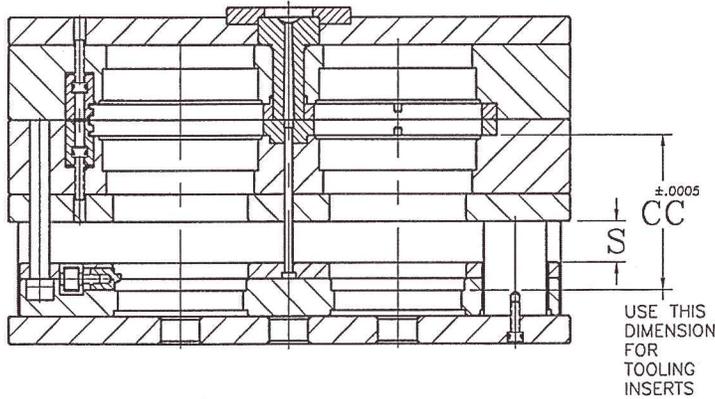
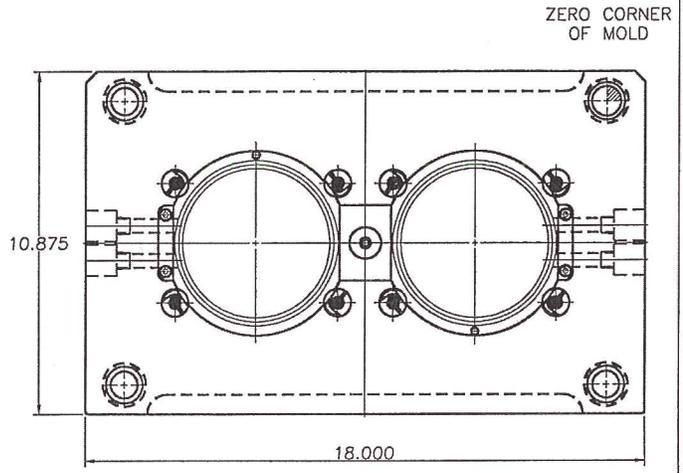
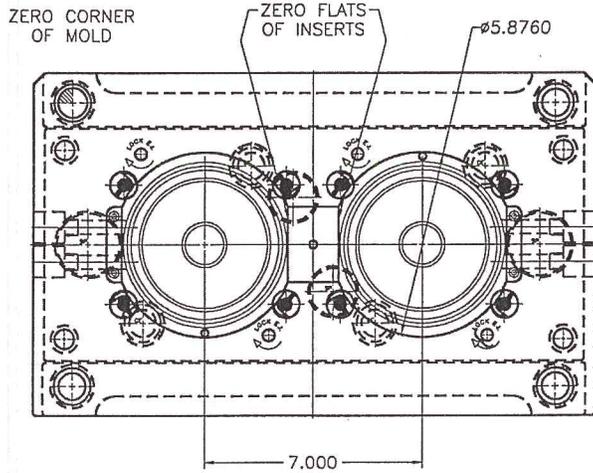
RMC-0003

RMC-0006

2 SETS OF (RMC-0002 & RMC-0006)
ARE SUPPLIED WITH EACH MASTER FRAME

Special Order

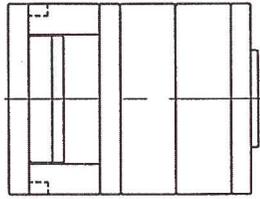
6" ROUND MATE[®] EX2 Master Frame



MULTI-POSITION MASTER FRAMES ARE SUPPLIED WITH SPI STANDARD KNOCKOUT LOCATIONS.
NON-STANDARD KNOCKOUT LOCATIONS WILL BE QUOTED UPON REQUEST.

WHEN ORDERING A MULTI-POSITION MASTER FRAME PLEASE SPECIFY: RUNNER SIZE;
RUNNER BLOCK HEIGHT; SPRUE BUSHING "R" & "O" DIM.; LOCATING RING TYP

STANDARD 2 POSITION MASTER FRAME



STYLE #	C	CC	H	S
RMF-0623	3	4.9375	10.375	1.312
RMF-0624	4	5.9375	11.375	2.312
RMF-0625	5	6.9375	12.375	3.312

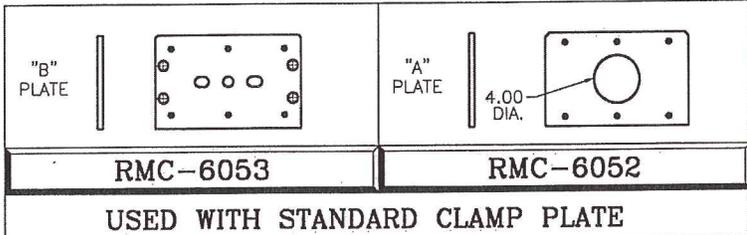
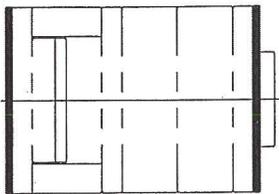
6" ROUND MATE®

EX2 Components

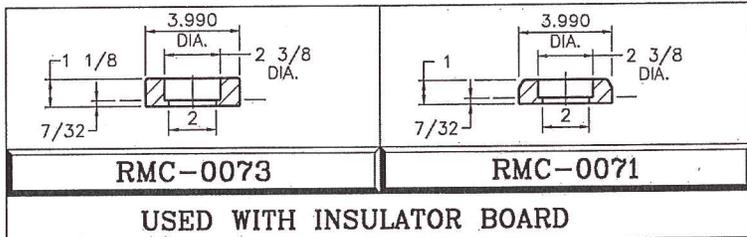
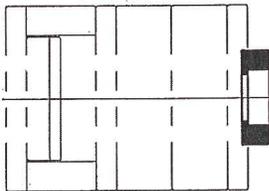
Special
Order

INSULATOR BOARD

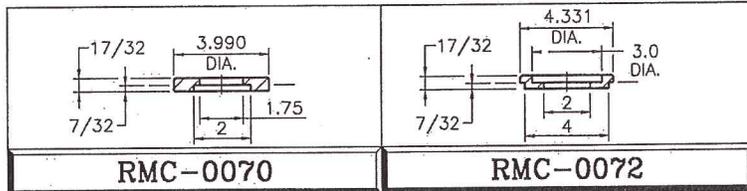
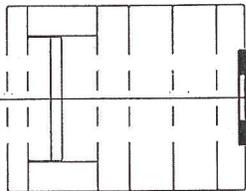
OPTIONAL



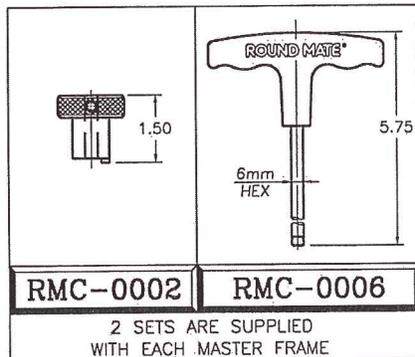
EXTENDED LOCATING RING



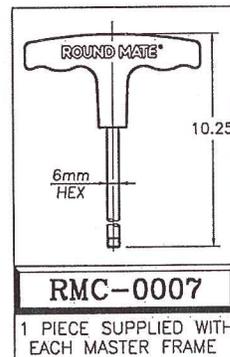
LOCATING RING



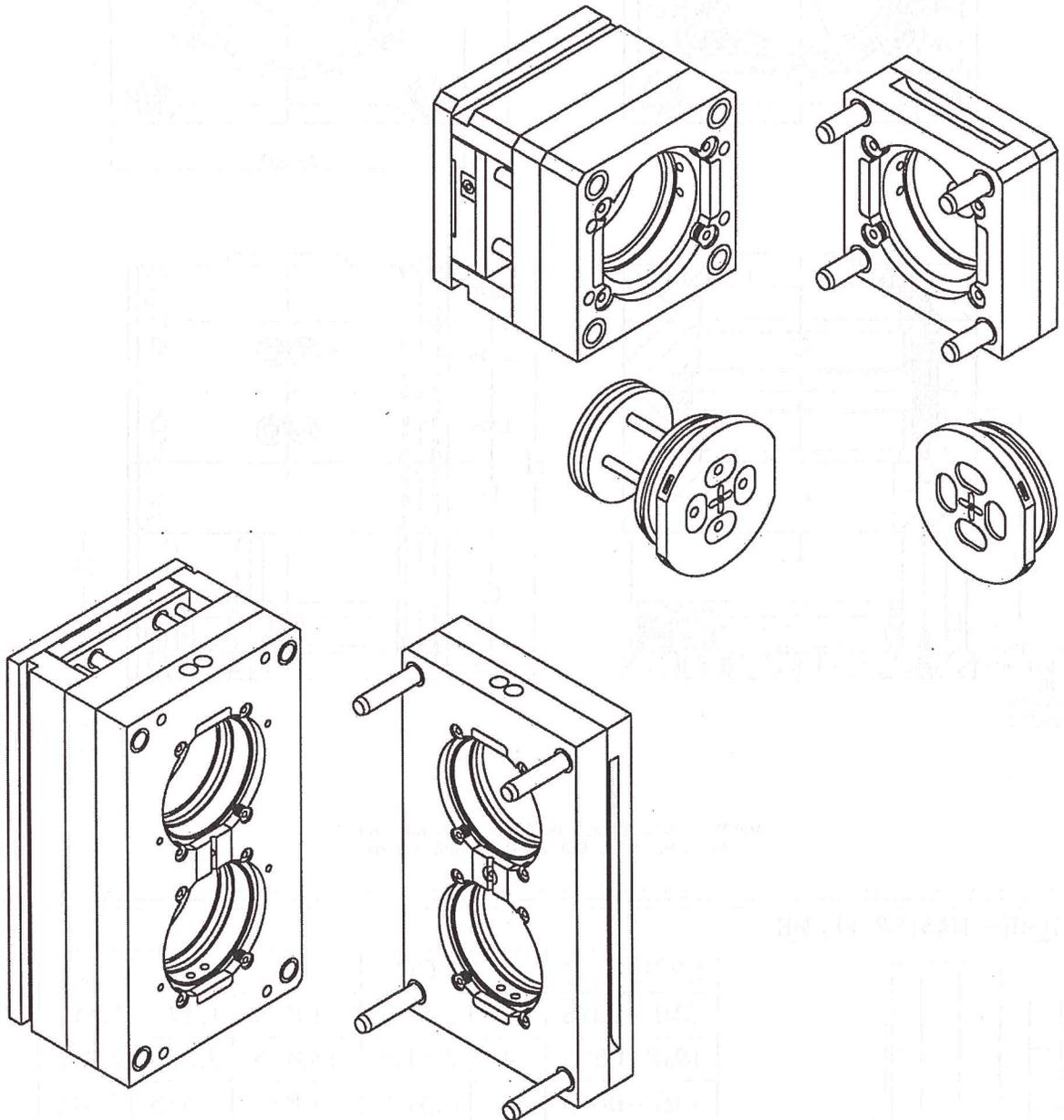
RETAINER/LIFTER



EJECTOR RETAINER WRENCH

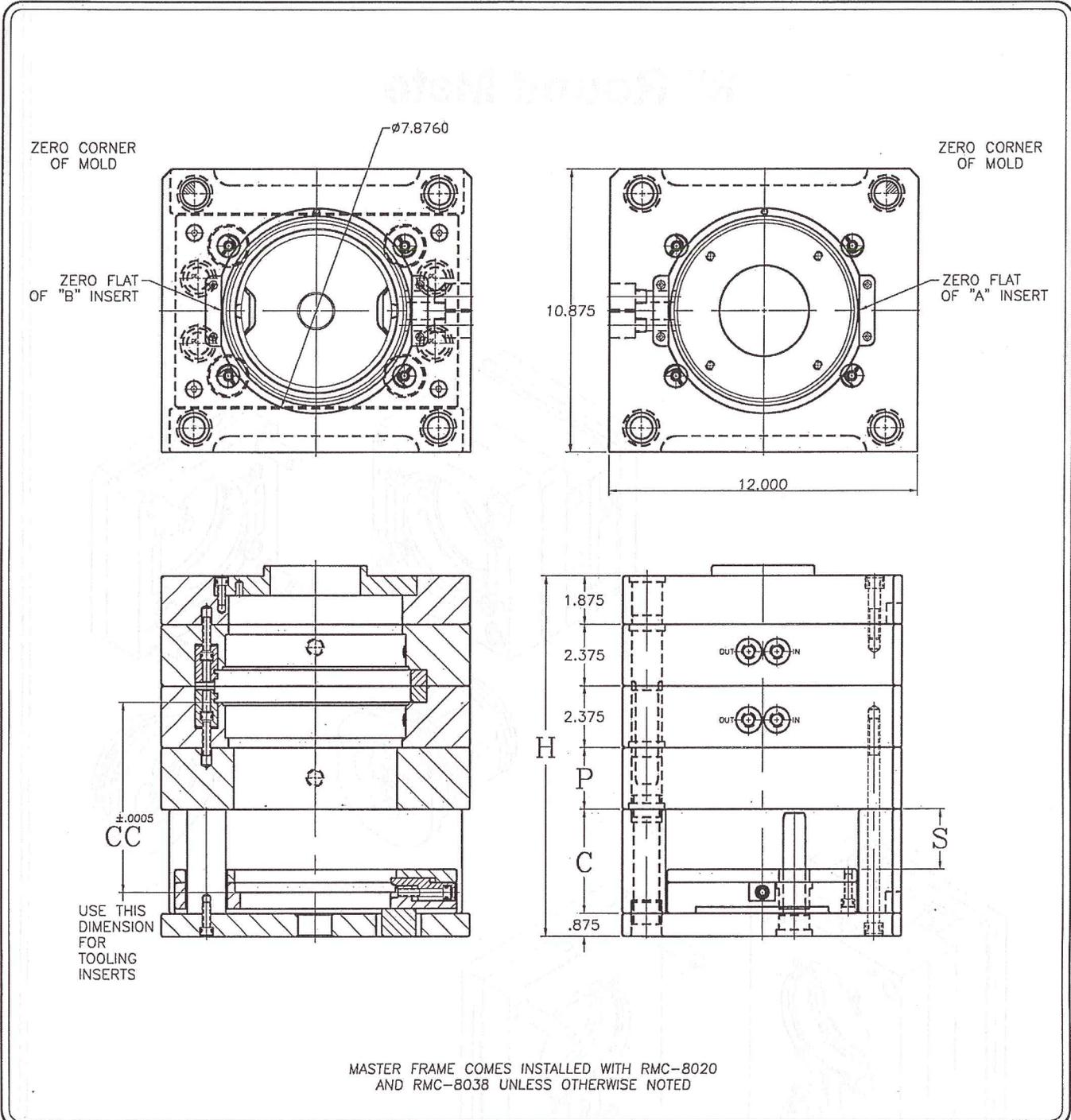


8" Round Mate

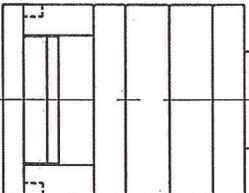


8" ROUND MATE®

Standard Master Frame



STANDARD MASTER FRAME



STYLE #	C	CC	H	P	S
RMF-0813	3	5.3125	11.875	1.375	1.312
RMF-0814	4	7.3125	13.875	2.375	2.312
RMF-0815	5	8.3125	14.875	2.375	3.312

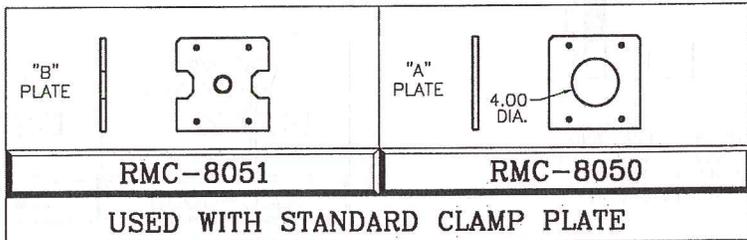
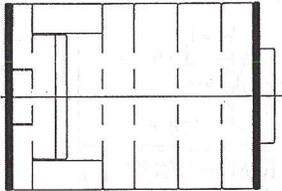
8" ROUND MATE®

Standard Components

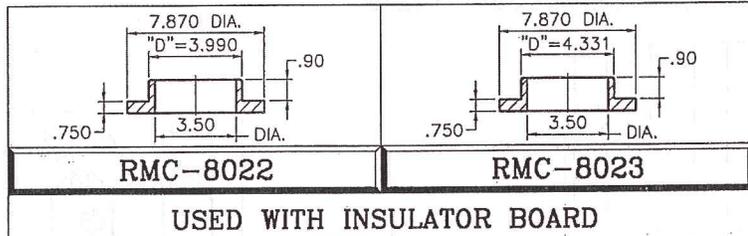
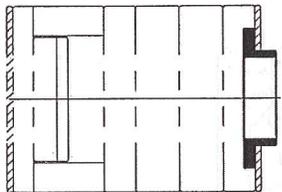


INSULATOR BOARD

OPTIONAL



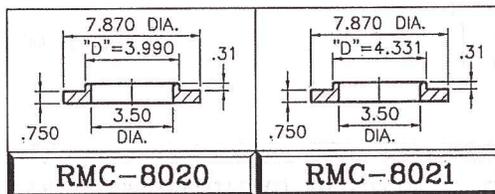
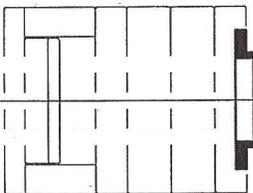
EXTENDED LOCATING RING



MOUNTING SCREWS INCLUDED

MAT'L 4140

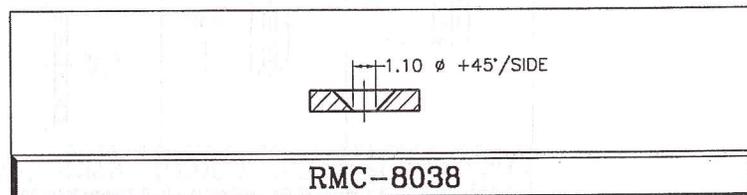
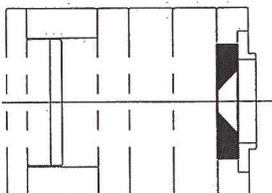
LOCATING RING



MOUNTING SCREWS INCLUDED

MAT'L 4140

EXTENDED NOZZLE DISC

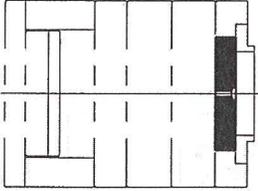


MOUNTING SCREWS INCLUDED

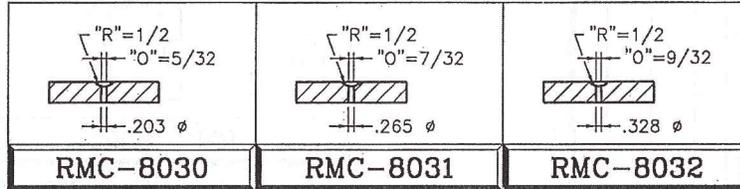
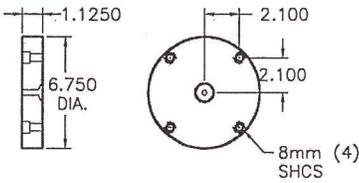
MAT'L 6150 H.T.

8" ROUND MATE® Standard Components

SPRUE BUSHING DISC



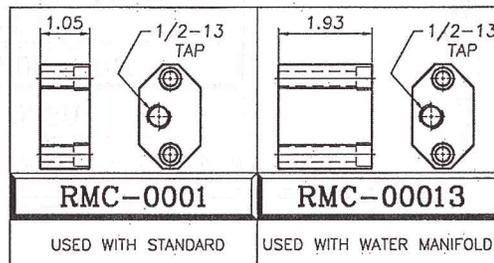
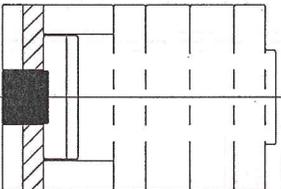
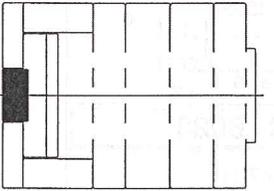
SPRUE BUSHING DISC AND EXTENDED NOZZLE DISC BOLT INTO MASTER FRAME WITH BOLT PATTERN SHOWN



MOUNTING SCREWS INCLUDED

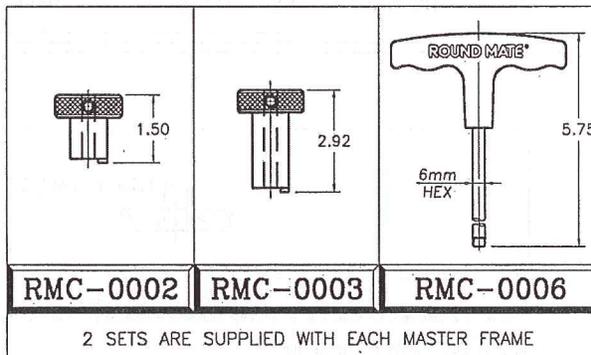
MAT'L 6150 H.T.

EJECTOR K.O. MOUNTING BLOCK



PACKAGE OF 2 2 K.O. BLOCKS INCLUDED WITH MASTER FRAME MAT'L 4140

RETAINER/LIFTER - EJECTOR RETAINER WRENCH

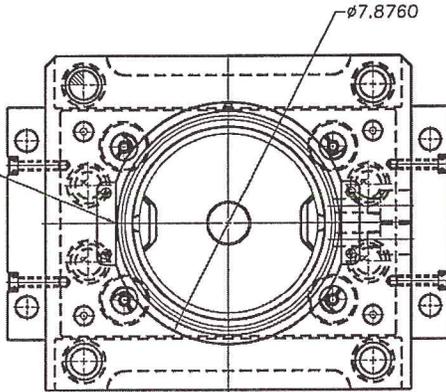


8" ROUND MATE[®]

3-Plate Master Frame

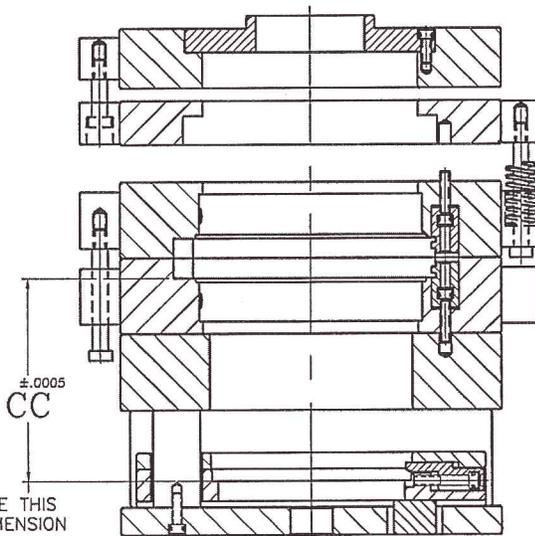
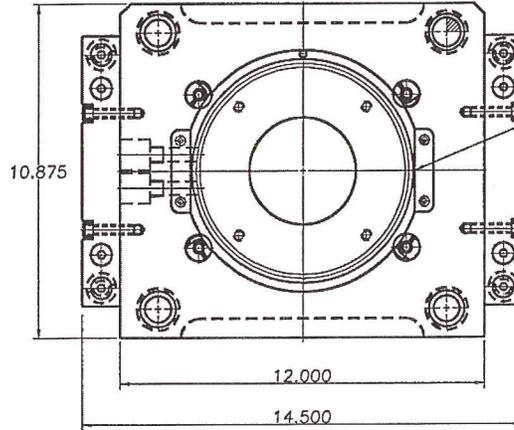
ZERO CORNER
OF MOLD

ZERO FLAT
OF "B" INSERT

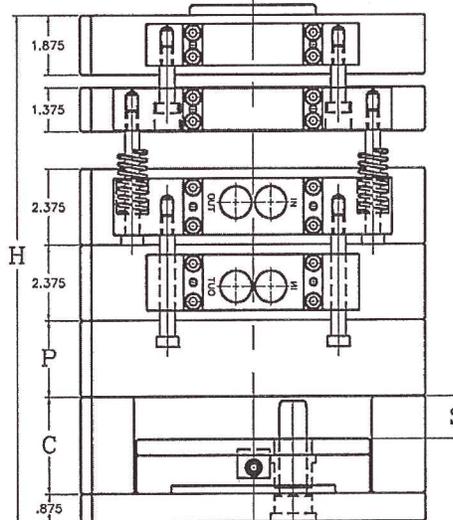


ZERO CORNER
OF MOLD

ZERO FLAT
OF "A" INSERT

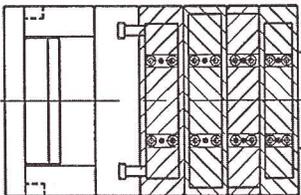


USE THIS
DIMENSION
FOR
TOOLING
INSERTS



WHEN ORDERING A SINGLE POSITION MASTER FRAME
PLEASE SPECIFY: LOCATING RING; SPRUE BUSHING DISC

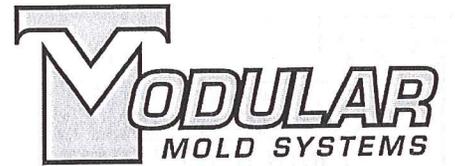
STANDARD MASTER FRAME WITH 3 PLATE WITH SPRUE GATING



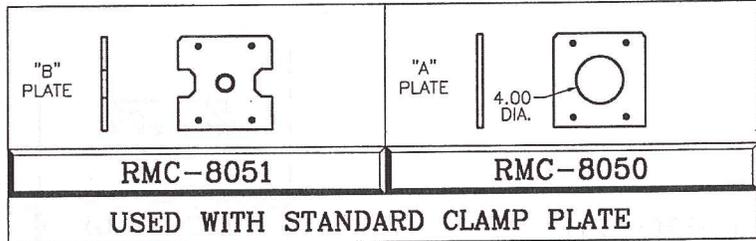
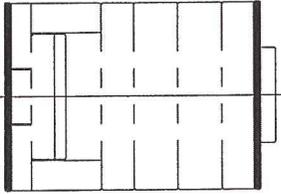
STYLE #	C	CC	H	P	S
RMF-4813	3	5.3125	13.250	1.375	1.312
RMF-4814	4	7.3125	15.250	2.375	2.312
RMF-4815	5	8.3125	16.250	2.375	3.312

8" ROUND MATE®

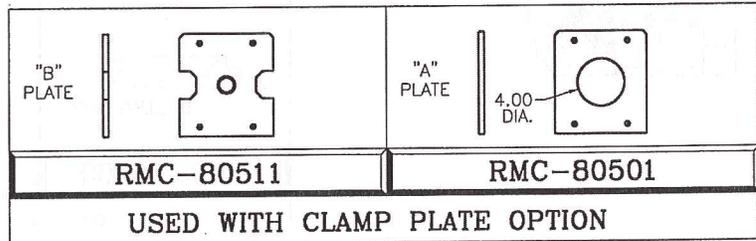
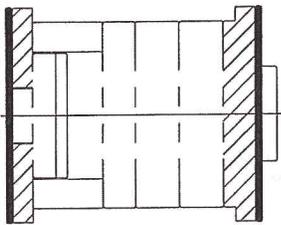
3-Plate Components



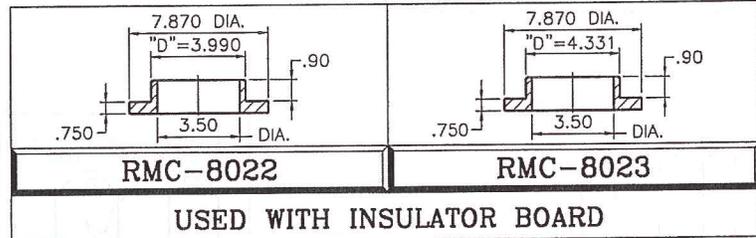
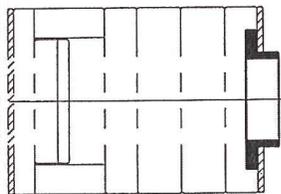
INSULATOR BOARD



OPTIONAL



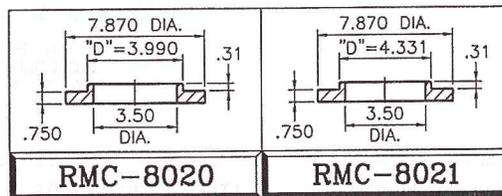
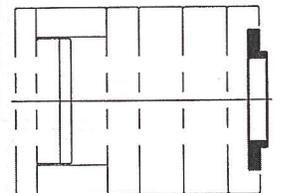
EXTENDED LOCATING RING



MOUNTING SCREWS INCLUDED

MAT'L 4140

LOCATING RING



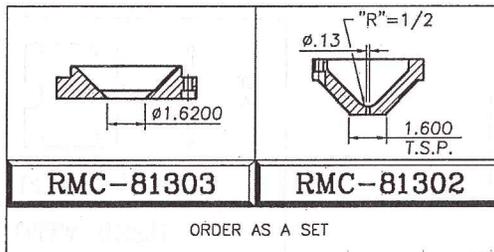
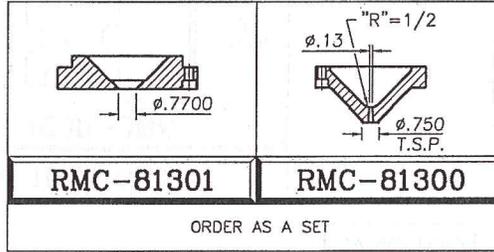
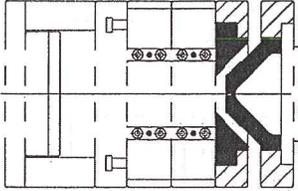
MOUNTING SCREWS INCLUDED

MAT'L 4140

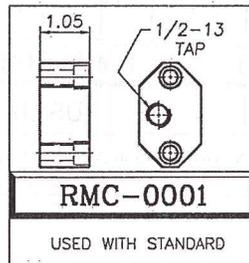
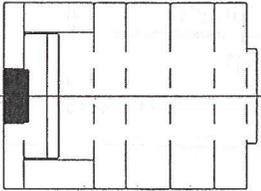
Components continued on following catalog page

8" ROUND MATE[®] 3-Plate Components

3 PLATE RUNNER STRIPPER DISC AND EXTENDED NOZZLE CONE SET



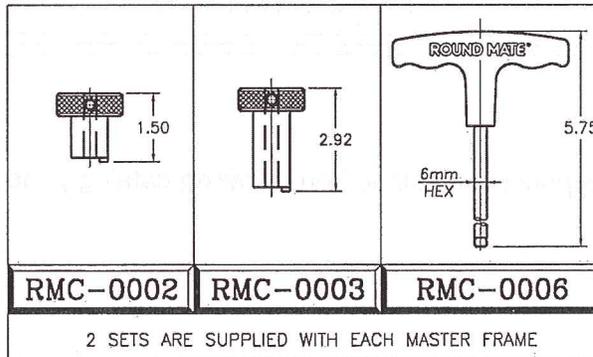
EJECTOR K.O. MOUNTING BLOCK



PACKAGE OF 2 MAT'L 4140

2 K.O. BLOCKS
INCLUDED WITH
MASTER FRAME

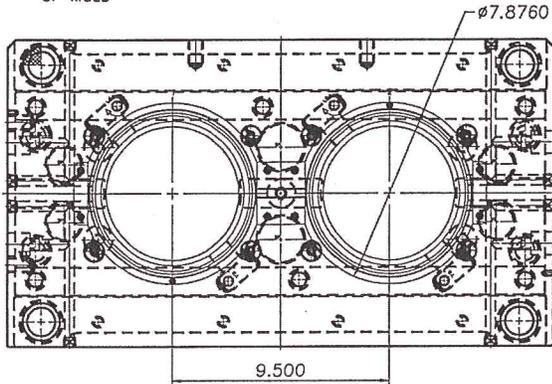
RETAINER/LIFTER - EJECTOR RETAINER WRENCH



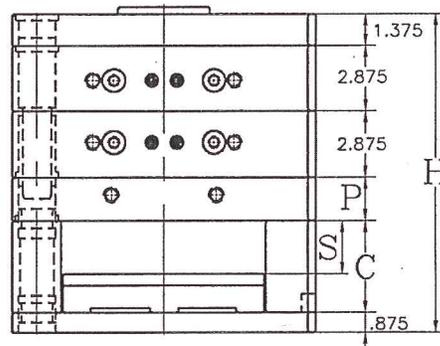
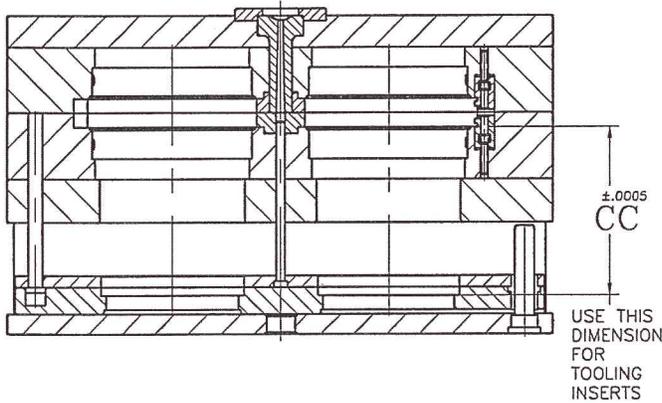
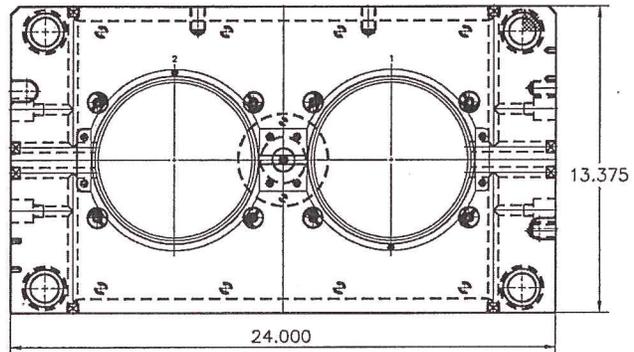
8" ROUND MATE[®]

EX2 Master Frame

ZERO CORNER
OF MOLD



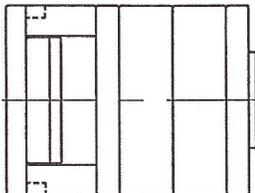
ZERO CORNER
OF MOLD



MULTI-POSITION MASTER FRAMES ARE SUPPLIED WITH SPI STANDARD KNOCKOUT LOCATIONS.
NON-STANDARD KNOCKOUT LOCATIONS WILL BE QUOTED UPON REQUEST.

WHEN ORDERING A MULTI-POSITION MASTER FRAME PLEASE SPECIFY: RUNNER SIZE;
RUNNER BLOCK HEIGHT; SPRUE BUSHING "R" & "O" DIM.; LOCATING RING TYP

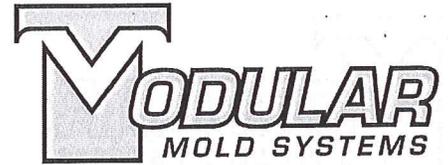
STANDARD 2 POSITION MASTER FRAME



STYLE #	C	CC	H	P	S
RMF-0823	3	5.3125	11.875	.875	1.312
RMF-0824	4	7.3125	13.875	1.875	2.312
RMF-0825	5	8.3125	14.875	1.875	3.312

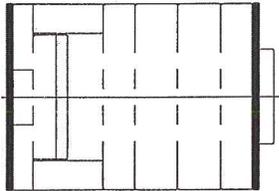
8" ROUND MATE®

EX2 Components



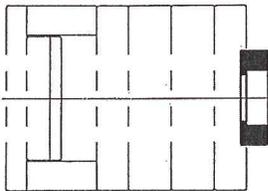
INSULATOR BOARD

OPTIONAL



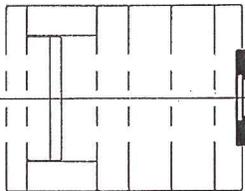
"B" PLATE		"A" PLATE	
RMC-8053		RMC-8052	
USED WITH STANDARD CLAMP PLATE			

EXTENDED LOCATING RING



RMC-0073	RMC-0071
USED WITH INSULATOR BOARD	

LOCATING RING



RMC-0070	RMC-0072

RETAINER/LIFTER

RMC-0002	RMC-0006
2 SETS ARE SUPPLIED WITH EACH MASTER FRAME	

EJECTOR RETAINER WRENCH

RMC-0007
1 PIECE SUPPLIED WITH EACH MASTER FRAME

Section Three

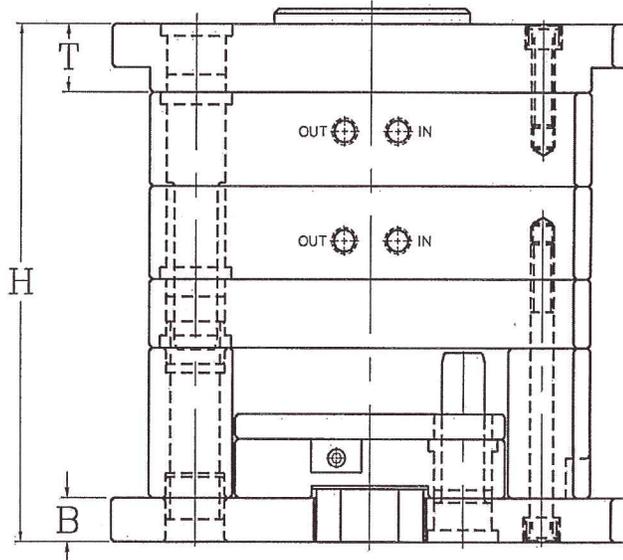
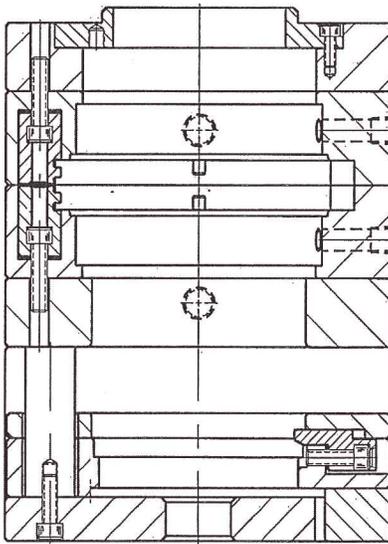
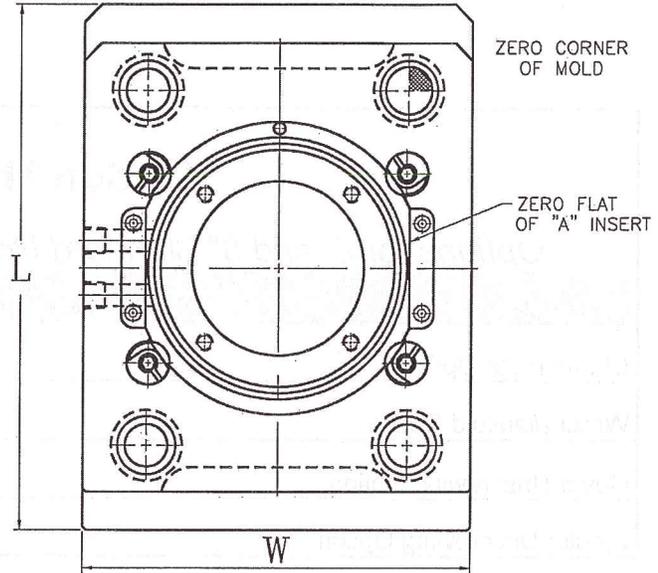
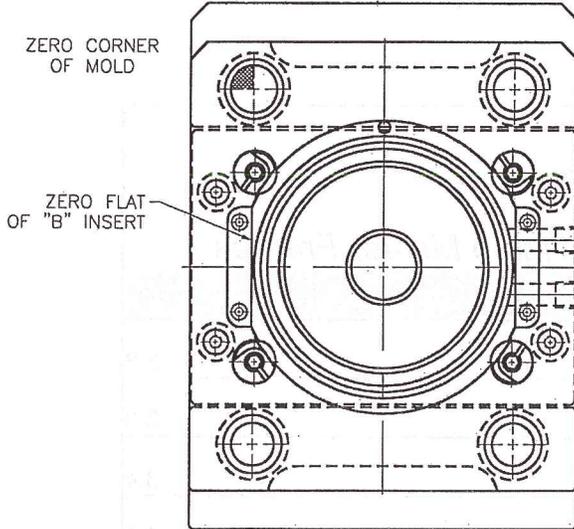
Options for 6" and 8" Standard Round Mate Master Frames

Round Mate Options

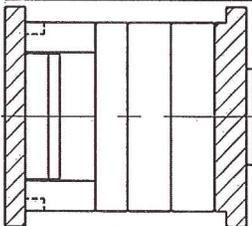
Clamp Plate Option	3.2
Water Manifold Option	3.3
Cover Unscrewing Option	3.4
Ejector Unscrewing Option	3.5

Special Order

ROUND MATE[®] Clamp Plate Option



STANDARD MASTER FRAME WITH CLAMP PLATE OPTION



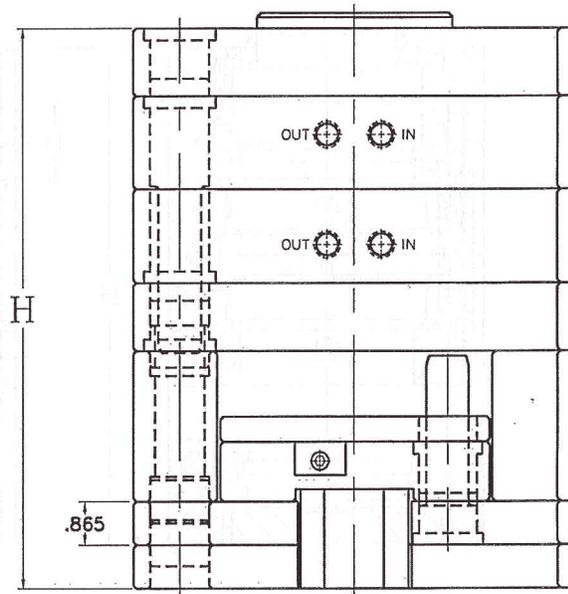
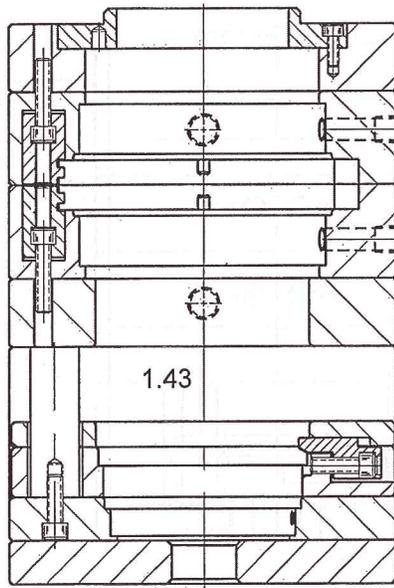
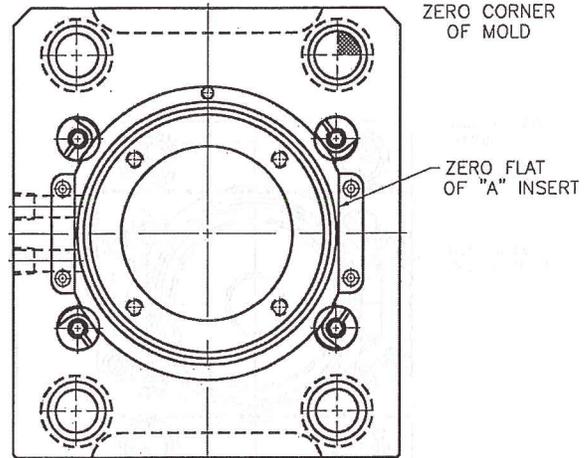
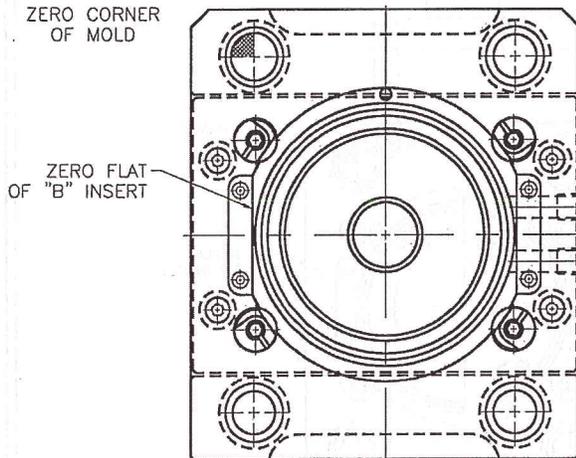
SIZE	CATALOG	B	T	W	L	H
6"	RMP-0608		1.375	7.875	11.000	NO CHANGE TO "H" (OVERALL BASE HEIGHT)
6"	RMP-0609	.875		7.875	11.000	
8"	RMP-0808		1.875	12.000	12.500	
8"	RMP-0809	.875		12.000	12.500	

PLATES CAN BE SOLD SEPARATELY PLEASE CALL FOR DETAILS.

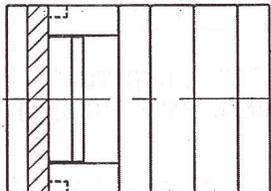
ROUND MATE[®]

Water Manifold Option

Special Order



STANDARD MASTER FRAME WITH WATER MANIFOLD OPTION

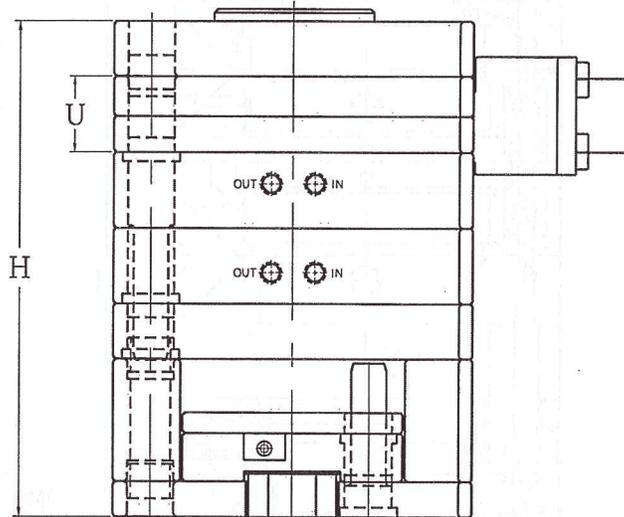
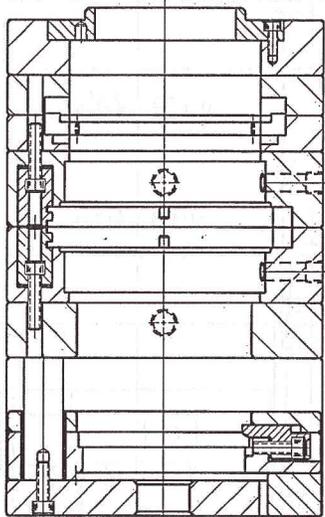
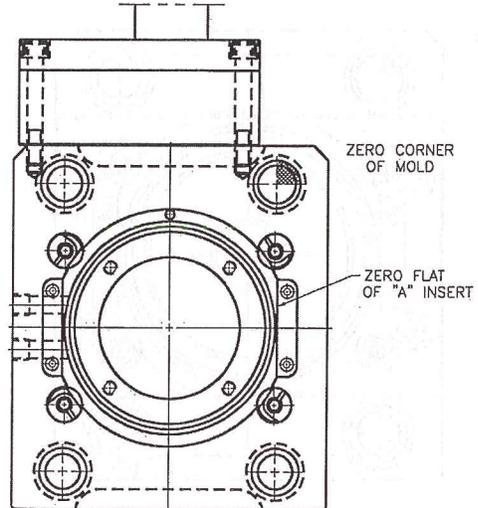
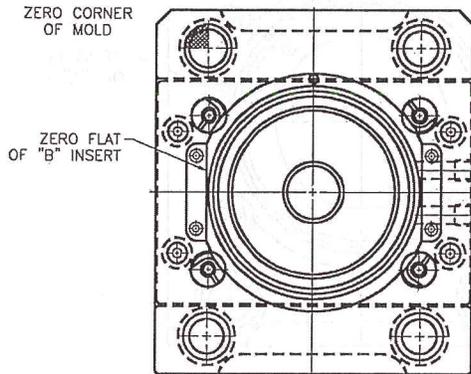


SIZE	CATALOG	THIS OPTION ADDS
6"	RMP-0617	.865 TO "H"
8"	RMP-0817	(OVERALL BASE HEIGHT)

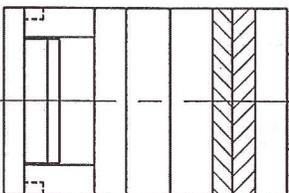
Special
Order

ROUND MATE®

Cover Unscrewing Option



STANDARD MASTER FRAME WITH COVER UNSCREWING OPTION

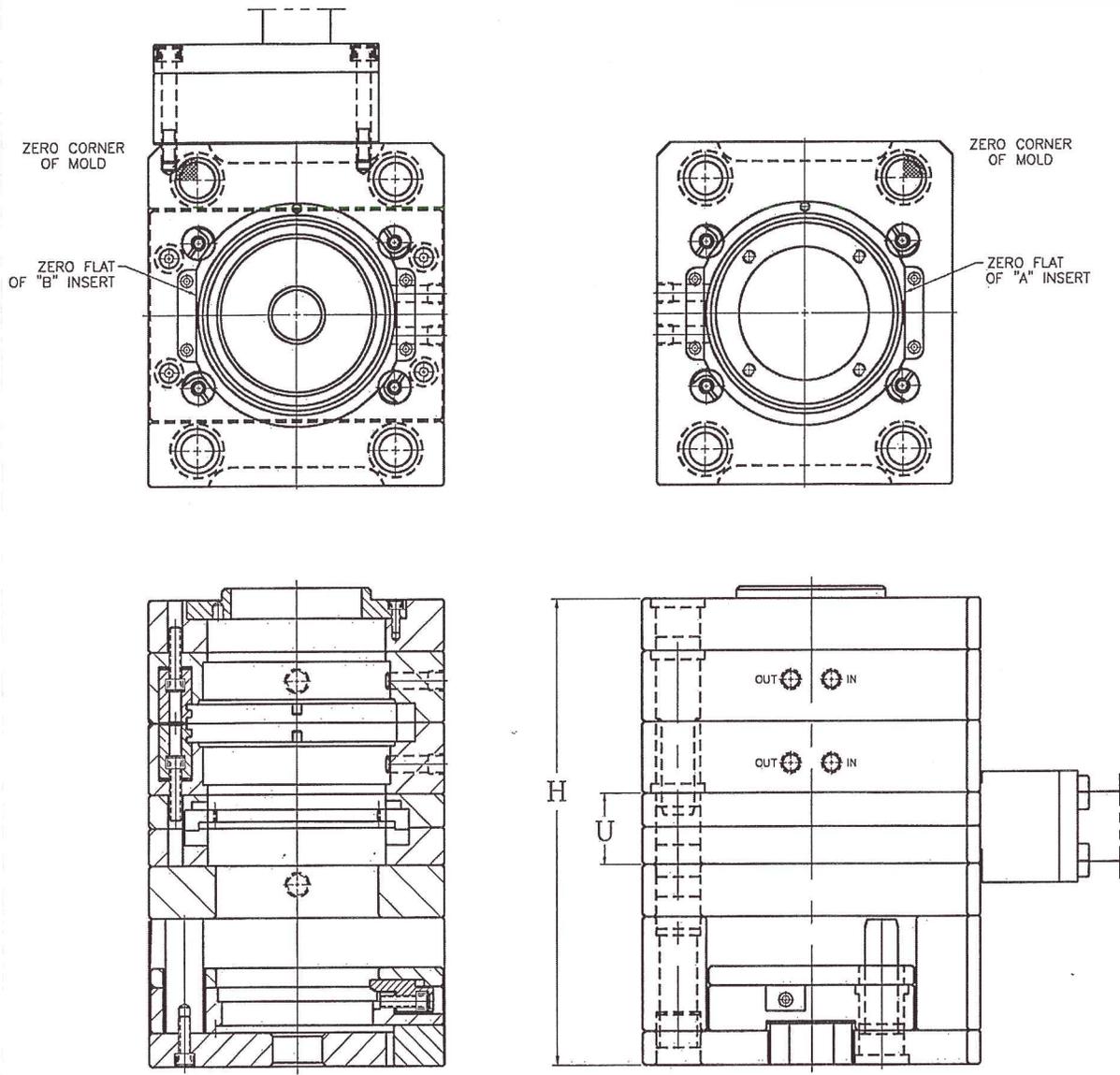


SIZE	CATALOG	U	TYPE	H
6"	RMC-6180	1.875	HYDRAULIC	ADD "U" VALUE TO "H" (OVERALL BASE HEIGHT)
6"	RMC-6190	1.875	ELECTRIC	
8"	RMC-8180	3.375	HYDRAULIC	
8"	RMC-8190	3.375	ELECTRIC	

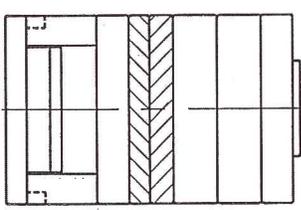
ROUND MATE[®]

Ejector Unscrewing Option

Special Order



STANDARD MASTER FRAME WITH EJECTOR UNSCREWING OPTION



SIZE	CATALOG	U	TYPE	H
6"	RMC-6180	1.875	HYDRAULIC	ADD "U" VALUE TO "H" (OVERALL BASE HEIGHT)
6"	RMC-6190	1.875	ELECTRIC	
8"	RMC-8180	3.375	HYDRAULIC	
8"	RMC-8190	3.375	ELECTRIC	

Section Four

Cavity Inserts & Components

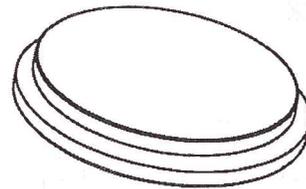
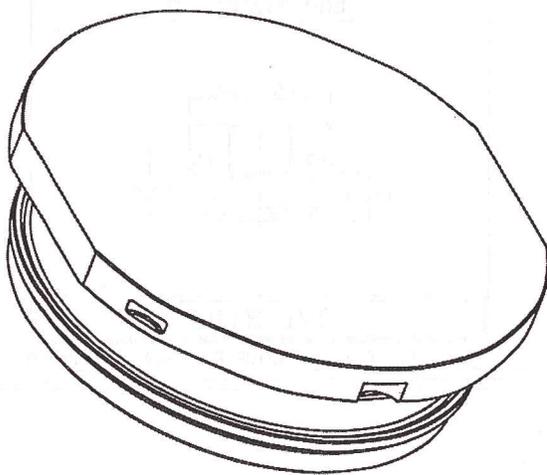
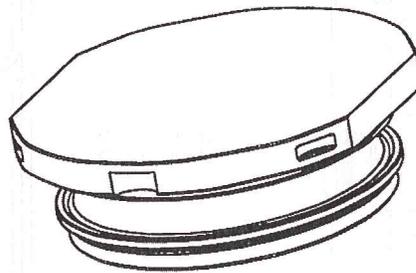
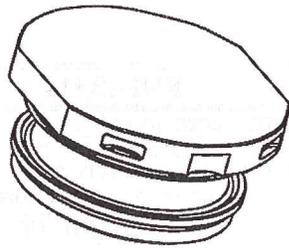
Round Mate Micro Inserts and Components		
3"	Round Mate Micro Inserts	4.4
	Round Mate Micro Insert Components	4.5-4.5
4"	Round Mate Micro Inserts	4.8
	Round Mate Micro Insert Components	4.9-4.10
Original Round Mate Inserts and Components		
4"	Round Mate Inserts	4.12
	Round Mate Insert Components	4.13-4.15
6"	Round Mate Inserts	4.16
	Round Mate Insert Components	4.17-4.20
8"	Round Mate Inserts	4.22
	Round Mate Insert Components	4.23-4.26

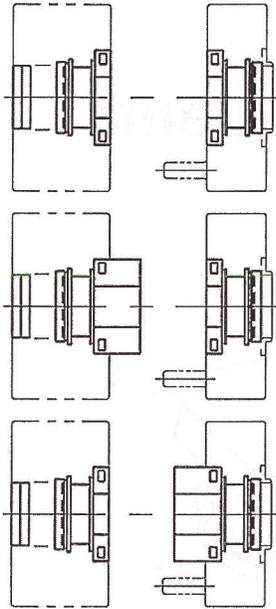
Important Ordering Notes:

When ordering inserts please note that limited steel types and stand up heights are available in stock.

A premium may be added to orders of less than two special order inserts.

Round Mate Inserts & Components





STANDARD
"A" & "B"

STANDARD "A"
STAND-UP "B"

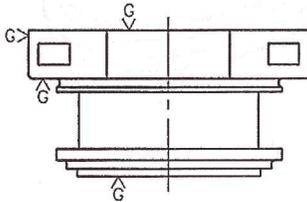
STAND-UP "A"
STANDARD "B"

AVAILABLE STEEL

* CODE	STEEL
3	P-20 PRE-HARD 32/34 Rc
4	S-7 ANNEALED
5	H-13 ANNEALED
6	420SS ANNEALED
8	420SS PRE-HARD 32/35 Rc

* USE CODE NUMBER ABOVE TO COMPLETE CATALOG NUMBER FOR INSERTS.

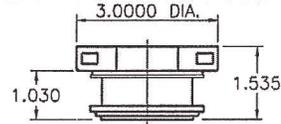
GRIND STOCK



H-13, S-7 & 420SS
HEAT TREATABLE INSERTS
HAVE .005 GRIND STOCK
LEFT ON SURFACES SHOWN
FOR GRIND AFTER HEAT TREAT

WATER DAM AND SAFETY STRAP INCLUDED
CORE PLATES ARE REQUIRED

STANDARD INSERT

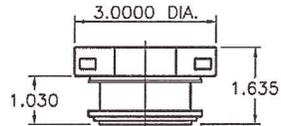


RMI-3*15

* ADD STEEL CODE TO COMPLETE CATALOG NUMBER

WATER DAM AND SAFETY STRAP INCLUDED
CORE PLATES ARE REQUIRED

.100 STAND-UP

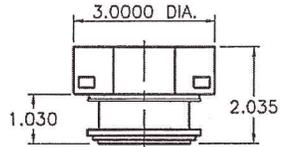


RMI-3*16

* ADD STEEL CODE TO COMPLETE CATALOG NUMBER

WATER DAM AND SAFETY STRAP INCLUDED
CORE PLATES ARE REQUIRED

.500 STAND-UP

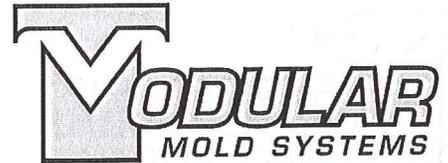


RMI-3*20

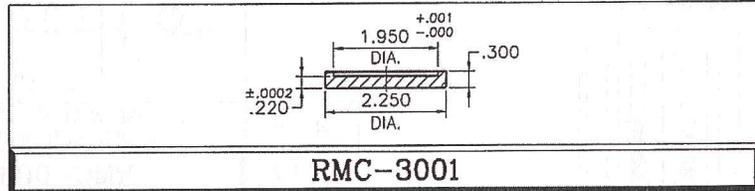
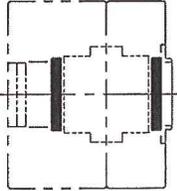
* ADD STEEL CODE TO COMPLETE CATALOG NUMBER

3" ROUND MATE®

Micro Insert Components



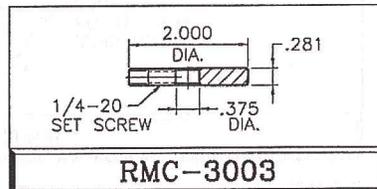
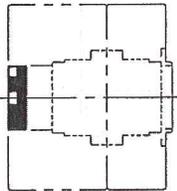
CORE RETAINER PLATE



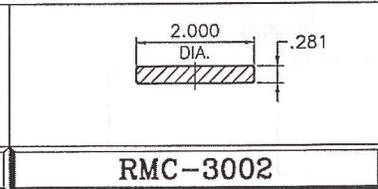
NOTE: MUST ALWAYS BE USED WITH INSERT

MAT'L 4140

EJECTOR PLATES



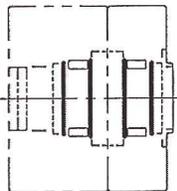
EJECTOR PLATE



EJECTOR RETAINER PLATE

MAT'L 4140

O-RINGS



O-RING SET FOR 3" INSERT

BUNA-N

SET INCLUDES 2 O-RINGS FOR ONE INSERT

RMC-3015

2 SETS ARE INCLUDED WITH INSERT SET

O-RING SET FOR 3" INSERT

VITON - HI TEMP

SET INCLUDES 2 O-RINGS FOR ONE INSERT

RMC-3017

ARE AVAILABLE UPON REQUEST

O-RING SET FOR 3" INSERT

BUNA-N

PACKAGE OF 10 O-RING SETS

ARE AVAILABLE UPON REQUEST

O-RING SET FOR 3" INSERT

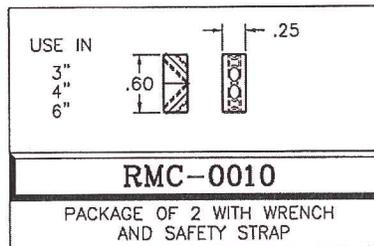
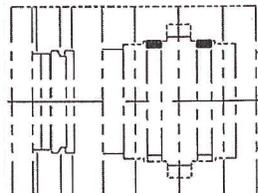
VITON - HI TEMP

PACKAGE OF 4 O-RING SETS

ARE AVAILABLE UPON REQUEST

WATER DAM

1 SUPPLIED WITH EACH INSERT



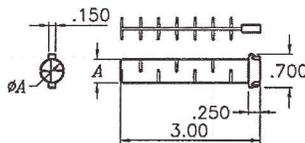
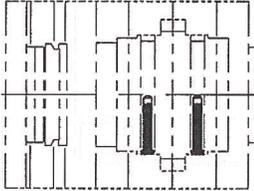
MAT'L 416SS

3" ROUND MATE®

Micro Insert Components

WATER BAFFLE (Packs of 10)

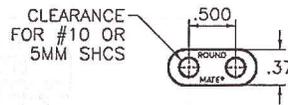
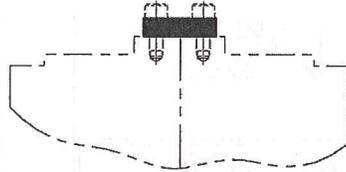
NYLON PLASTIC, NOT FOR HIGH TEMPERATURE APPLICATIONS



A DIM.	FOR USE WITH 3", 4" AND 6" ROUND MATE INSERTS
.312	RMC-0080
.500	RMC-0081

SAFETY STRAP

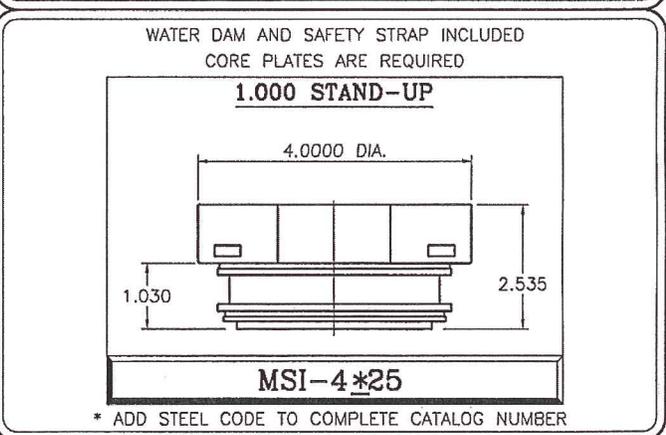
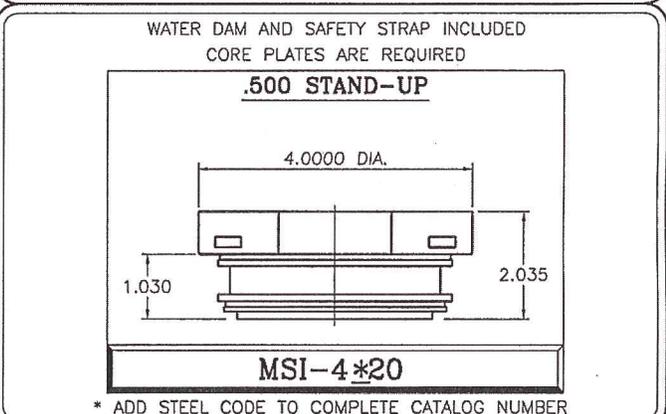
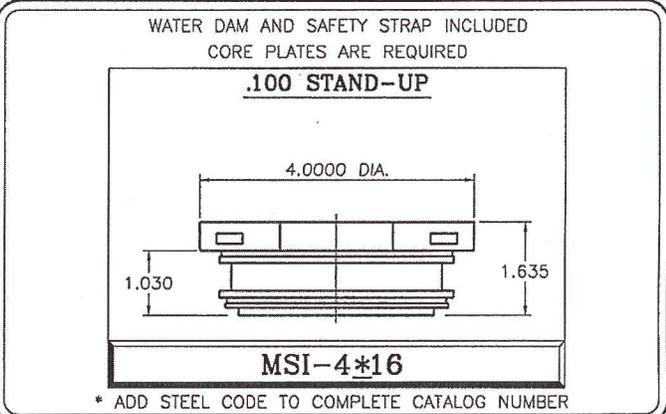
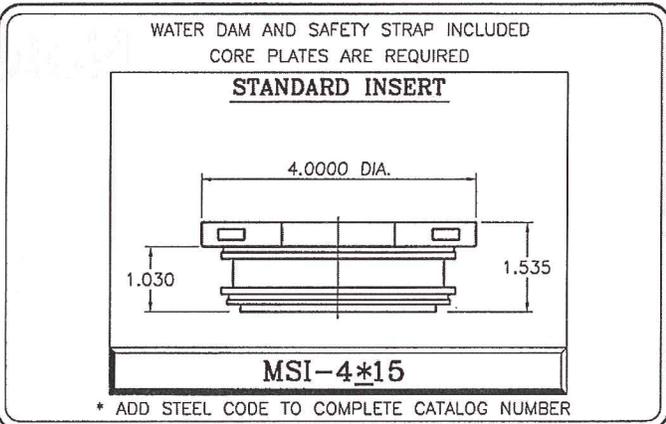
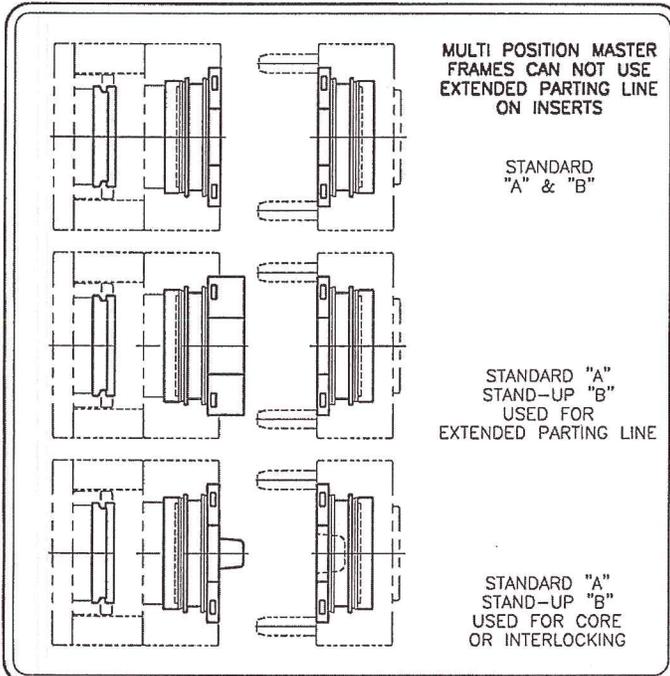
1 SUPPLIED WITH EACH INSERT



RMC-0017

PACKAGE OF 10

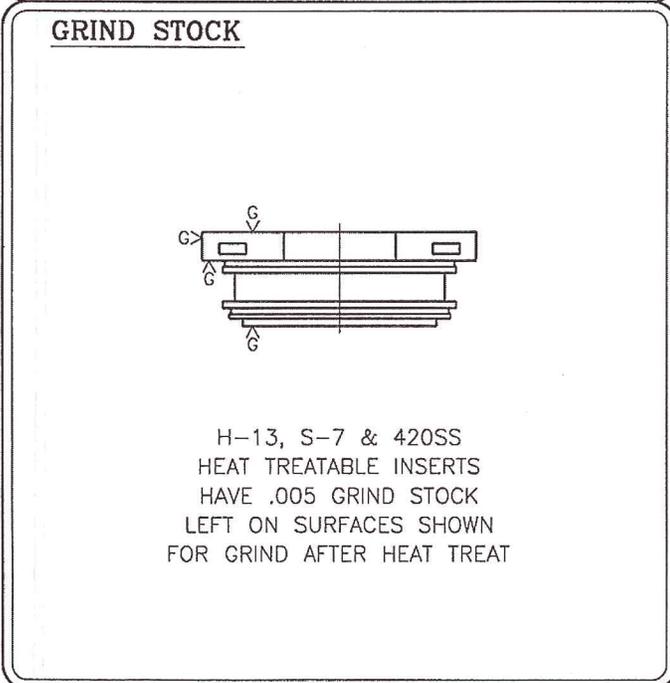
MAT'L NYLON



AVAILABLE STEEL

* CODE	STEEL
3	P-20 PRE-HARD 32/34 Rc
4	S-7 ANNEALED
5	H-13 ANNEALED
6	420SS ANNEALED
8	420SS PRE-HARD 32/35 Rc

* USE CODE NUMBER ABOVE TO COMPLETE CATALOG NUMBER FOR INSERTS.

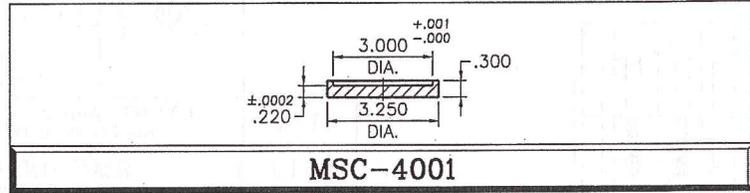
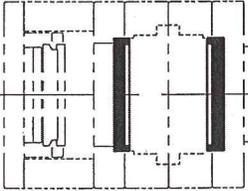


4" ROUND MATE[®]

Micro Insert Components



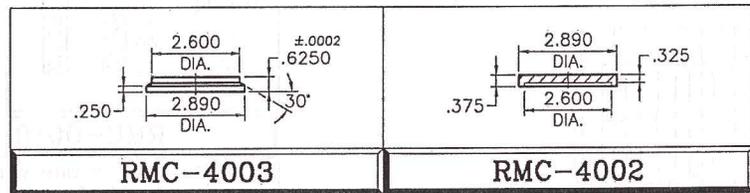
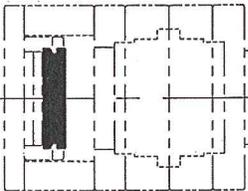
CORE RETAINER PLATE



NOTE: MUST ALWAYS BE USED WITH INSERT.

MAT'L 4140

EJECTOR PLATE ASSEMBLY

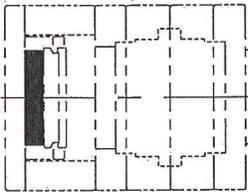


EJECTOR PLATE

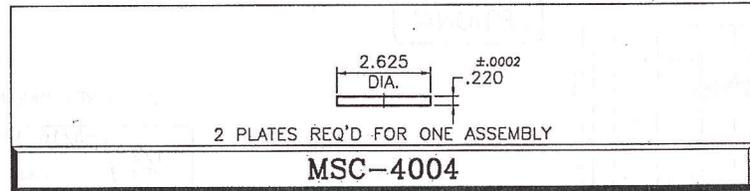
EJECTOR RETAINER PLATE

MAT'L 4140

SLEEVE EJECTION CORE RETAINER PLATES

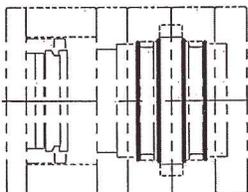


OPTIONAL



MAT'L 4140

O-RINGS



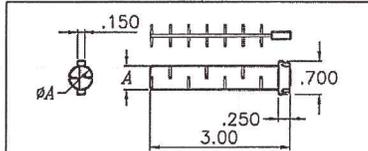
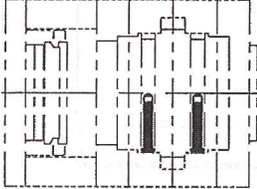
<p>O-RING SET FOR 4" INSERT</p> <p>BUNA-N</p> <p>RMC-4015</p> <p>2 SETS ARE INCLUDED WITH INSERT SET</p>	<p>SET INCLUDES 2 O-RINGS FOR ONE INSERT</p> <p>VITON - HI TEMP</p> <p>RMC-4017</p> <p>ARE AVAILABLE UPON REQUEST</p>
<p>O-RING SET FOR 4" INSERT</p> <p>BUNA-N</p> <p>RMC-4016</p> <p>ARE AVAILABLE UPON REQUEST</p>	<p>PACKAGE OF 10 O-RING SETS</p> <p>VITON - HI TEMP</p> <p>RMC-4018</p> <p>ARE AVAILABLE UPON REQUEST</p>

4" ROUND MATE[®]

Micro Insert Components

WATER BAFFLE (Packs of 10)

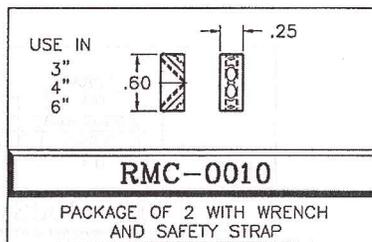
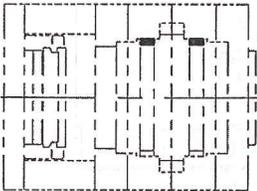
NYLON PLASTIC, NOT FOR HIGH TEMPERATURE APPLICATIONS



A DIM.	FOR USE WITH 3", 4" AND 6" ROUND MATE INSERTS
.312	RMC-0080
.500	RMC-0081

WATER DAM

1 SUPPLIED WITH EACH INSERT



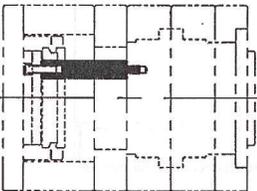
RMC-0010

PACKAGE OF 2 WITH WRENCH AND SAFETY STRAP

MAT'L 416SS

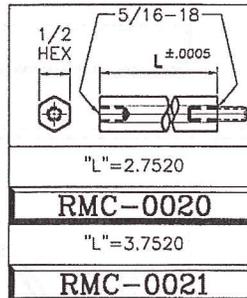
SLEEVE EJECTION SUPPORT PILLAR

OPTIONAL



MOLD MAKER MAY TRIM SUPPORT PILLARS TO LENGTH FOR CUSTOM APPLICATIONS

SET SCREW INCLUDED



"L" = 2.7520

RMC-0020

"L" = 3.7520

RMC-0021

MAT'L 1144

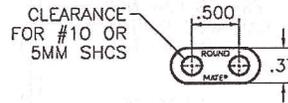
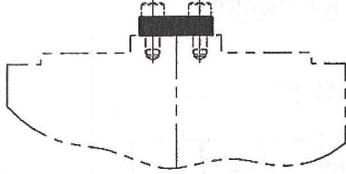
4" ROUND MATE®

Micro Insert Components



SAFETY STRAP

1 SUPPLIED WITH EACH INSERT

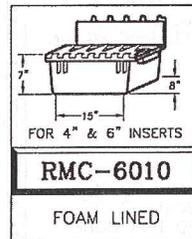
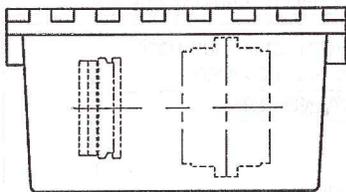


RMC-0017

PACKAGE OF 10

MAT'L NYLON

FITTED STORAGE BOX

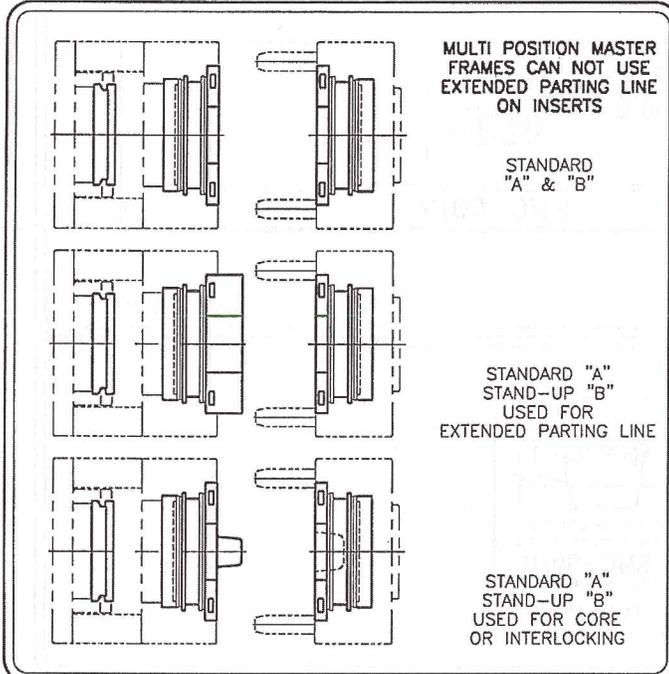


RMC-6010

FOAM LINED

4" ROUND MATE®

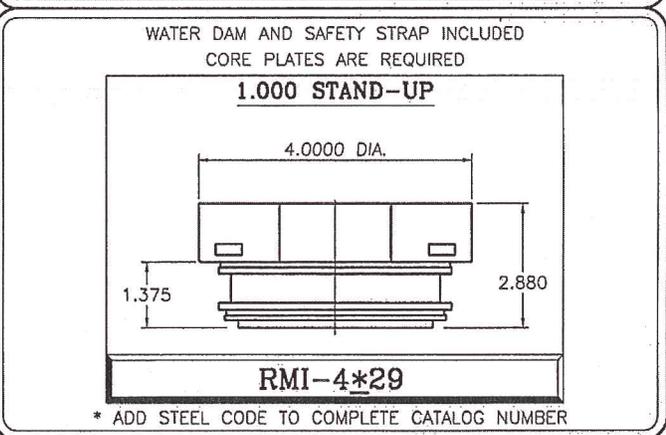
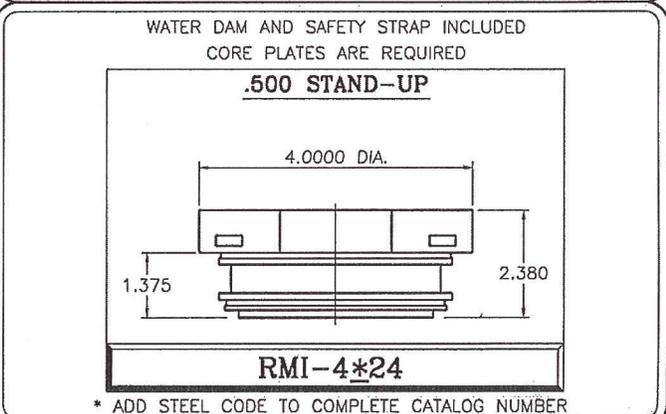
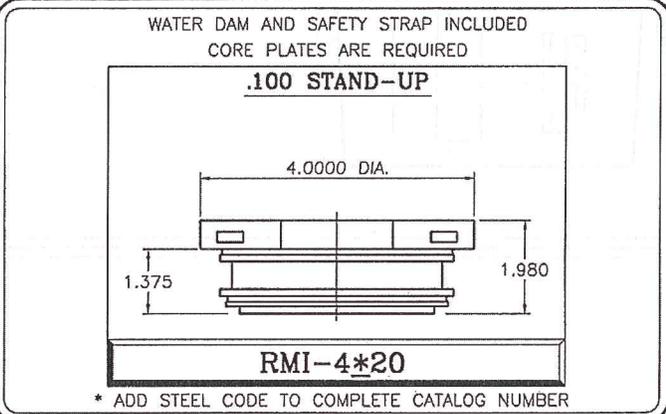
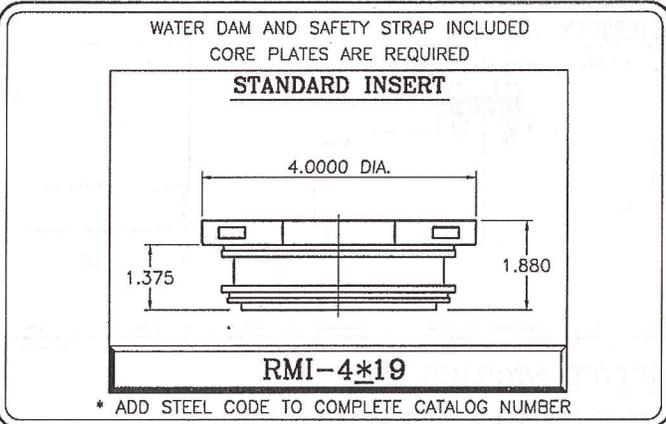
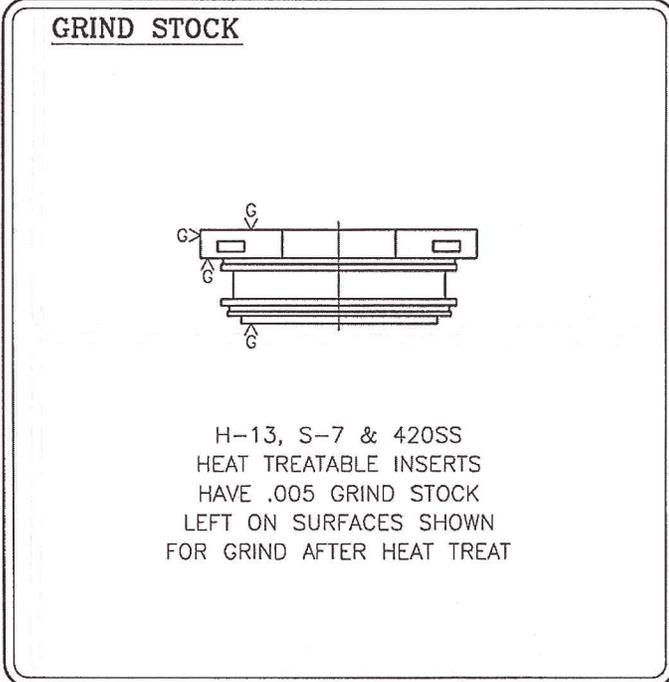
Standard Inserts



AVAILABLE STEEL

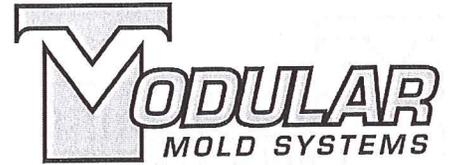
* CODE	STEEL
3	P-20 PRE-HARD 32/34 Rc
4	S-7 ANNEALED
5	H-13 ANNEALED
6	420SS ANNEALED
8	420SS PRE-HARD 32/35 Rc

* USE CODE NUMBER ABOVE TO COMPLETE CATALOG NUMBER FOR INSERTS.

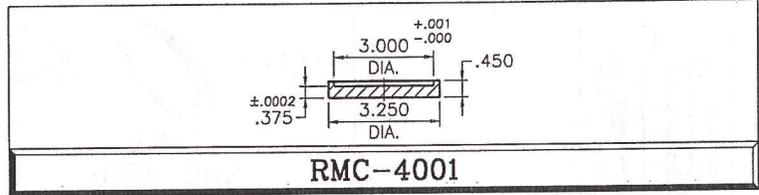
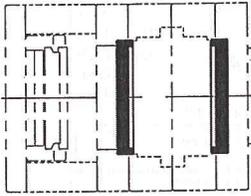


4" ROUND MATE®

Standard Insert Components



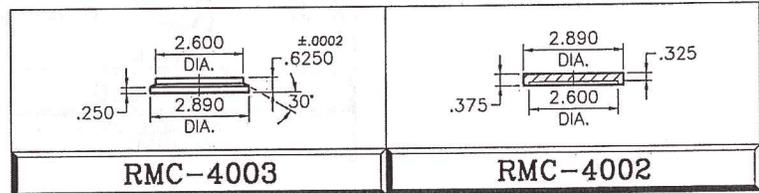
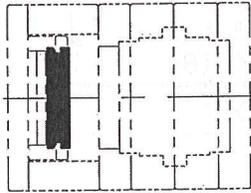
CORE RETAINER PLATE



NOTE: MUST ALWAYS BE USED WITH INSERT.

MAT'L 4140

EJECTOR PLATE ASSEMBLY

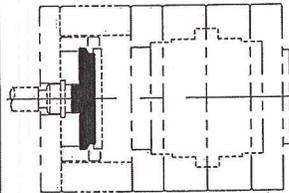


EJECTOR PLATE

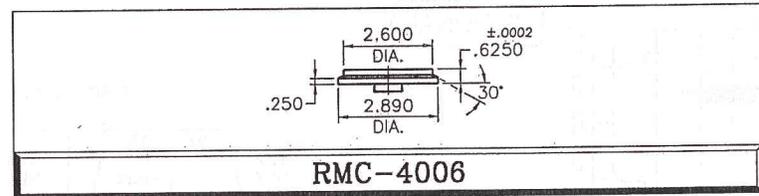
EJECTOR RETAINER PLATE

MAT'L 4140

QUICK CONNECT EJECTOR PLATE



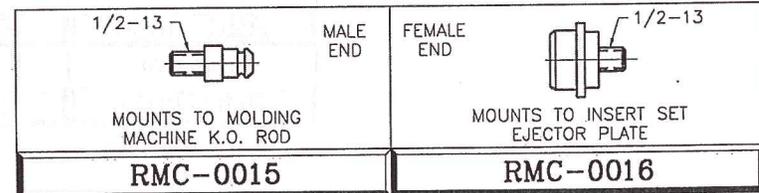
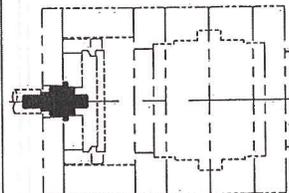
OPTIONAL



FOR USE WITH **SINGLE POSITION** MASTER FRAME

MAT'L 4140

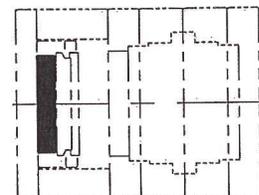
QUICK EJECTOR CONNECT



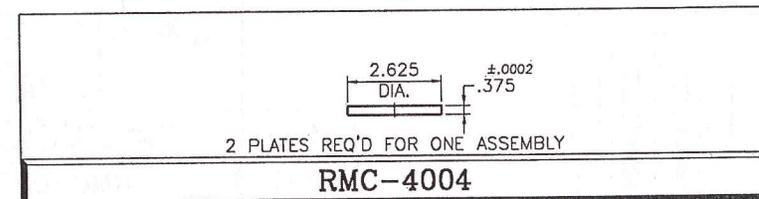
MOUNTS TO MOLDING MACHINE K.O. ROD

MOUNTS TO INSERT SET EJECTOR PLATE

SLEEVE EJECTION CORE RETAINER PLATES

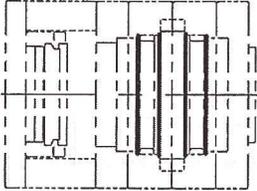


OPTIONAL



MAT'L 4140

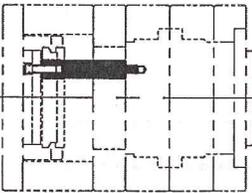
O-RINGS



O-RING SET FOR 4" INSERT  BUNA-N	SET INCLUDES 2 O-RINGS FOR ONE INSERT	O-RING SET FOR 4" INSERT  VITON - HI TEMP	SET INCLUDES 2 O-RINGS FOR ONE INSERT
RMC-4015		RMC-4017	
2 SETS ARE INCLUDED WITH INSERT SET		ARE AVAILABLE UPON REQUEST	
O-RING SET FOR 4" INSERT  BUNA-N	PACKAGE OF 10 O-RING SETS	O-RING SET FOR 4" INSERT  VITON - HI TEMP	PACKAGE OF 4 O-RING SETS
RMC-4016		RMC-4018	
ARE AVAILABLE UPON REQUEST		ARE AVAILABLE UPON REQUEST	

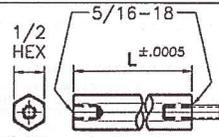
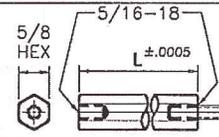
SLEEVE EJECTION SUPPORT PILLAR

OPTIONAL



MOLD MAKER MAY TRIM SUPPORT PILLARS TO LENGTH FOR CUSTOM APPLICATIONS

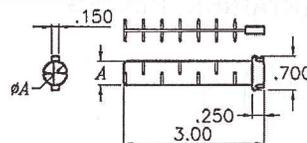
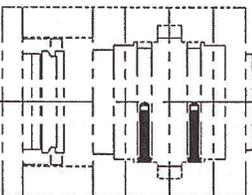
SET SCREW INCLUDED

	
"L"=2.7520	"L"=5.1270
RMC-0020	RMC-0025
"L"=3.7520	"L"=6.1270
RMC-0021	RMC-0027

MAT'L 1144

WATER BAFFLE (Packs of 10)

NYLON PLASTIC, NOT FOR HIGH TEMPERATURE APPLICATIONS



A DIM.	FOR USE WITH 3", 4" AND 6" ROUND MATE INSERTS
.312	RMC-0080
.500	RMC-0081

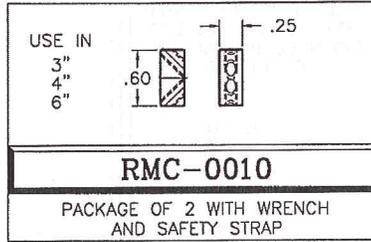
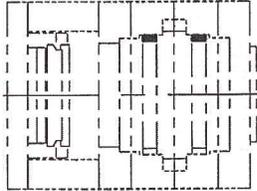
4" ROUND MATE®

Standard Insert Components



WATER DAM

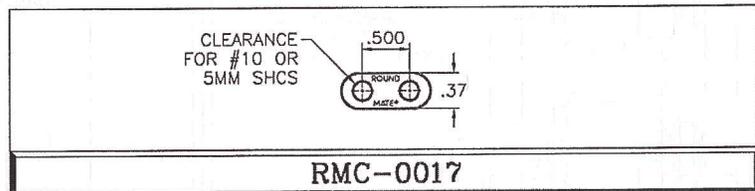
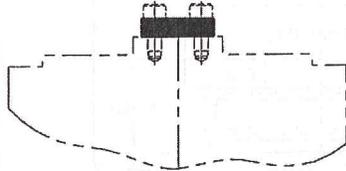
1 SUPPLIED WITH EACH INSERT



MAT'L 416SS

SAFETY STRAP

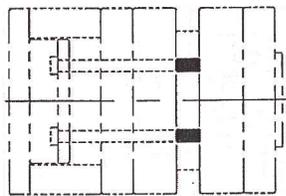
1 SUPPLIED WITH EACH INSERT



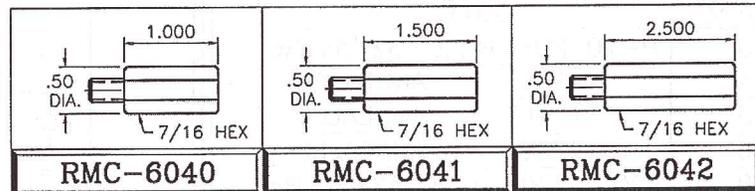
PACKAGE OF 10

MAT'L NYLON

RETURN PIN EXTENSIONS

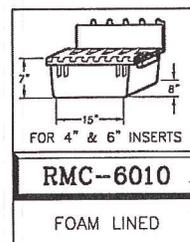
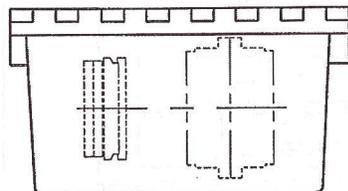


OPTIONAL



MAT'L 4142

FITTED STORAGE BOX



6" ROUND MATE®

Standard Inserts

MULTI POSITION MASTER FRAMES CAN NOT USE EXTENDED PARTING LINE ON INSERTS

STANDARD "A" & "B"

STANDARD "A" STAND-UP "B" USED FOR EXTENDED PARTING LINE

STANDARD "A" STAND-UP "B" USED FOR CORE OR INTERLOCKING

WATER DAM AND SAFETY STRAP INCLUDED

STANDARD INSERT

RMI-6*19

* ADD STEEL CODE TO COMPLETE CATALOG NUMBER

WATER DAM AND SAFETY STRAP INCLUDED

.100 STAND-UP

RMI-6*20

* ADD STEEL CODE TO COMPLETE CATALOG NUMBER

AVAILABLE STEEL

* CODE	STEEL
3	P-20 PRE-HARD 32/34 Rc
4	S-7 ANNEALED
5	H-13 ANNEALED
6	420SS ANNEALED
8	420SS PRE-HARD 32/35 Rc

* USE CODE NUMBER ABOVE TO COMPLETE CATALOG NUMBER FOR INSERTS.

WATER DAM AND SAFETY STRAP INCLUDED

.500 STAND-UP

RMI-6*24

* ADD STEEL CODE TO COMPLETE CATALOG NUMBER

GRIND STOCK

H-13, S-7 & 420SS HEAT TREATABLE INSERTS HAVE .005 GRIND STOCK LEFT ON SURFACES SHOWN FOR GRIND AFTER HEAT TREAT

WATER DAM AND SAFETY STRAP INCLUDED

1.000 STAND-UP

RMI-6*29

* ADD STEEL CODE TO COMPLETE CATALOG NUMBER

WATER DAM AND SAFETY STRAP INCLUDED

1.500 STAND-UP

RMI-6*34

* ADD STEEL CODE TO COMPLETE CATALOG NUMBER

WATER DAM AND SAFETY STRAP INCLUDED

1.500 STAND-UP

RMI-6*34

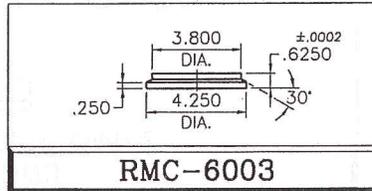
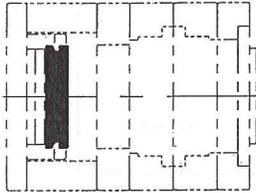
* ADD STEEL CODE TO COMPLETE CATALOG NUMBER

6" ROUND MATE®

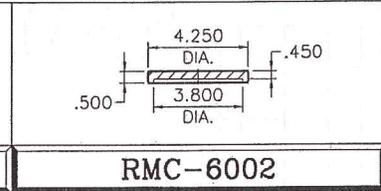
Standard Insert Components



EJECTOR PLATE ASSEMBLY

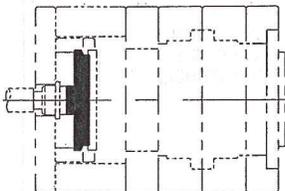


EJECTOR PLATE

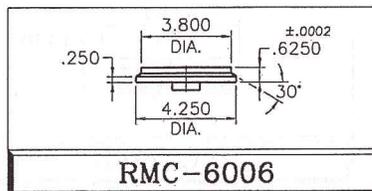


EJECTOR RETAINER PLATE MAT'L 4140

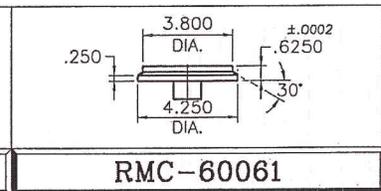
QUICK CONNECT EJECTOR PLATE



OPTIONAL

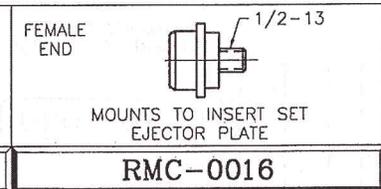
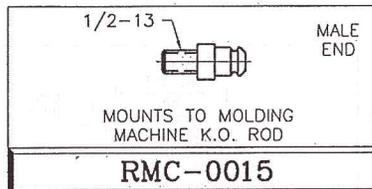
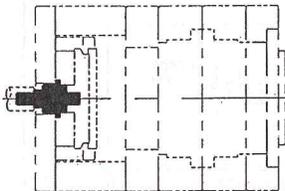


FOR USE WITH SINGLE POSITION MASTER FRAME

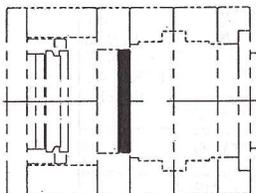


MAT'L 4140

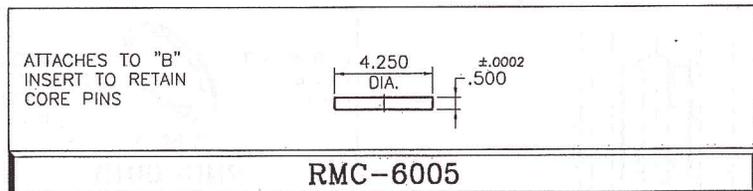
QUICK EJECTOR CONNECT



CORE RETAINER PLATES

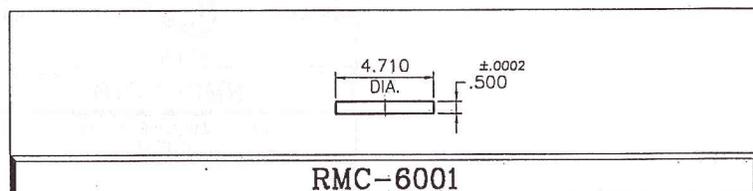
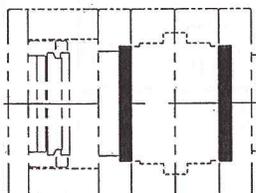


OPTIONAL



FOR USE WITH SINGLE POSITION MASTER FRAME

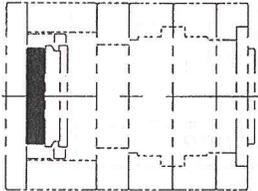
MAT'L 4140



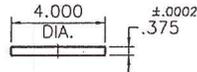
FOR USE WITH EX MASTER FRAMES

MAT'L 4140

SLEEVE EJECTION CORE RETAINER PLATES



OPTIONAL



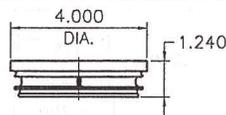
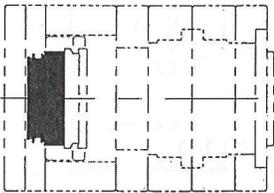
2 PLATES REQ'D FOR ONE ASSEMBLY

RMC-6004

MAT'L 4140

WATER MANIFOLD ASSEMBLY

FOR USE WITH WATER OPTION MASTER FRAME



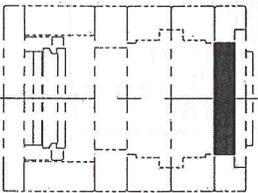
RMC-6081

WATER MANIFOLD PLATE
MAT'L 420 SS

RMC-6004 IS USED WITH
RMC-6081 TO MAKE THE
WATER MANIFOLD ASSEMBLY

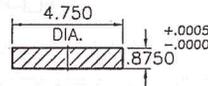
TOP CLAMP PLATE

ATTACHES TO "A"
INSERT FOR CUSTOM

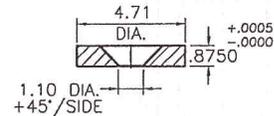


OPTIONAL

REMOVE SPRUE
BUSHING DISC/EXT.
NOZZLE DISC FROM
MASTER FRAME



RMC-6007

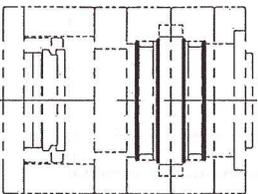


RMC-6008

FOR USE WITH **SINGLE POSITION** MASTER FRAME

MAT'L 4140

O-RINGS



O-RING SET
FOR 6"
INSERT



BUNA-N

SET
INCLUDES
2 O-RINGS
FOR ONE
INSERT

RMC-6015

2 SETS ARE INCLUDED
WITH INSERT SET

O-RING SET
FOR 6"
INSERT



VITON - HI TEMP

SET
INCLUDES
2 O-RINGS
FOR ONE
INSERT

RMC-6017

ARE AVAILABLE UPON
REQUEST

O-RING SET
FOR 6"
INSERT



BUNA-N

PACKAGE
OF 10
O-RING SETS

RMC-6016

ARE AVAILABLE UPON
REQUEST

O-RING SET
FOR 6"
INSERT



VITON - HI TEMP

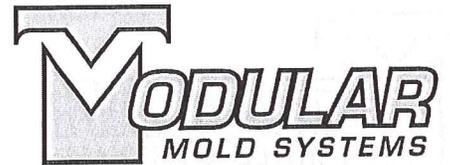
PACKAGE
OF 4
O-RING SETS

RMC-6018

ARE AVAILABLE UPON
REQUEST

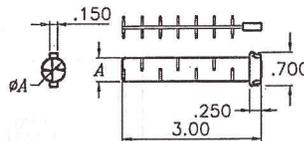
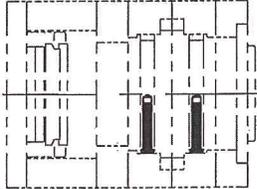
6" ROUND MATE®

Standard Insert Components



WATER BAFFLE (Packs of 10)

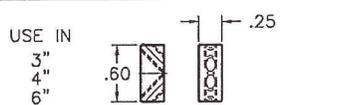
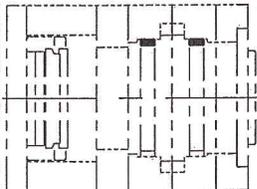
NYLON PLASTIC, NOT FOR HIGH TEMPERATURE APPLICATIONS



A DIM.	FOR USE WITH 3", 4" AND 6" ROUND MATE INSERTS
.312	RMC-0080
.500	RMC-0081

WATER DAM

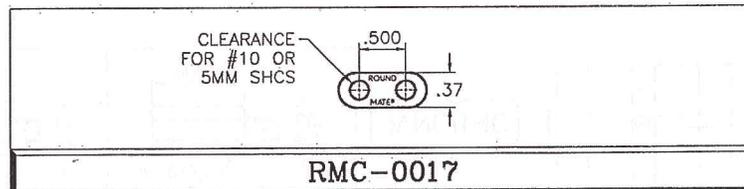
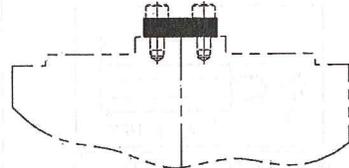
1 SUPPLIED WITH EACH INSERT



RMC-0010
PACKAGE OF 2 WITH WRENCH AND SAFETY STRAP
MAT'L 416SS

SAFETY STRAP

1 SUPPLIED WITH EACH INSERT

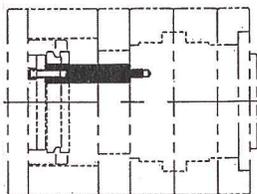


PACKAGE OF 10

MAT'L NYLON

SLEEVE EJECTION SUPPORT PILLAR

OPTIONAL



MOLD MAKER MAY TRIM SUPPORT PILLARS TO LENGTH FOR CUSTOM APPLICATIONS

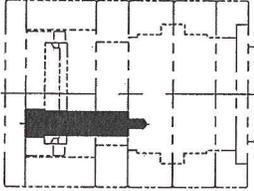
SET SCREW INCLUDED

5/8 HEX	5/16-18
"L"=3.1270	"L"=4.6270
RMC-0022	RMC-0024
"L"=3.6270	"L"=5.1270
RMC-0023	RMC-0025
	"L"=5.6270
	RMC-0026

MAT'L 1144

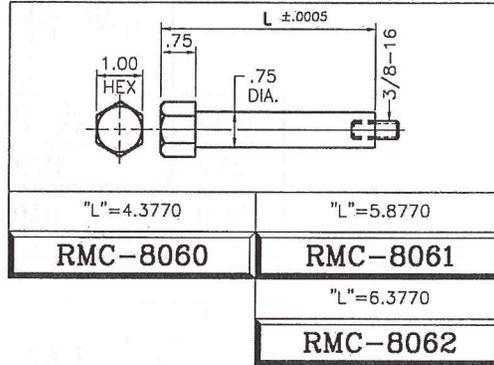
SUPPORT PILLAR

SET SCREW INCLUDED

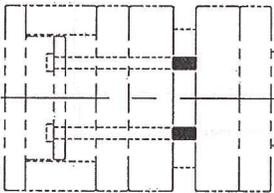


MOLD MAKER MAY TRIM SUPPORT PILLARS TO LENGTH FOR CUSTOM APPLICATIONS

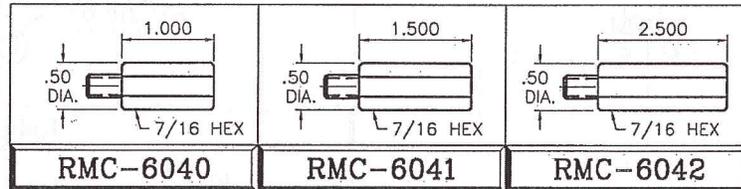
CUSTOM LENGTHS ARE AVAILABLE, CALL FOR QUOTE



RETURN PIN EXTENSIONS

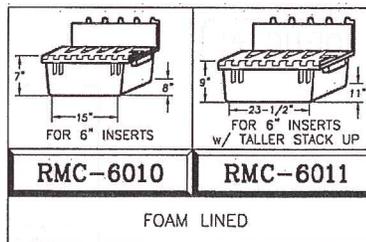
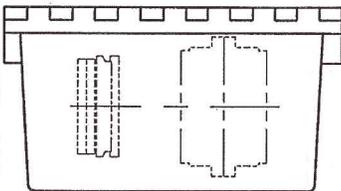


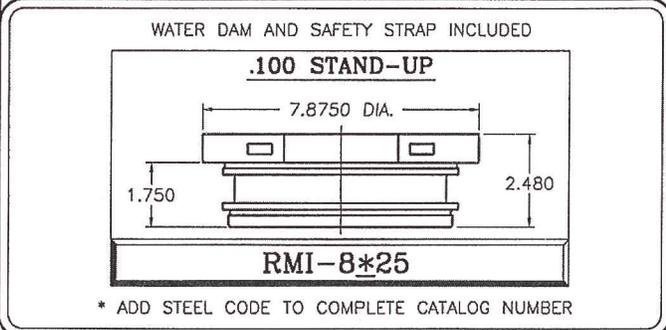
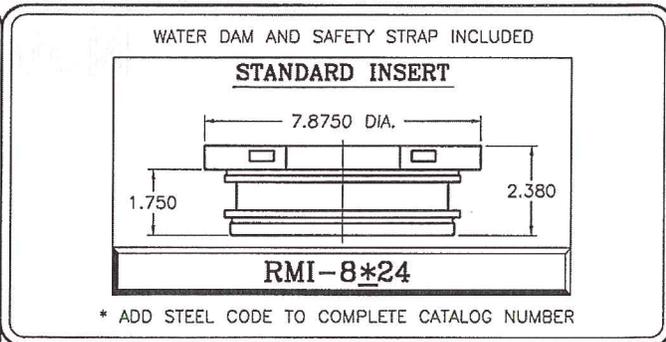
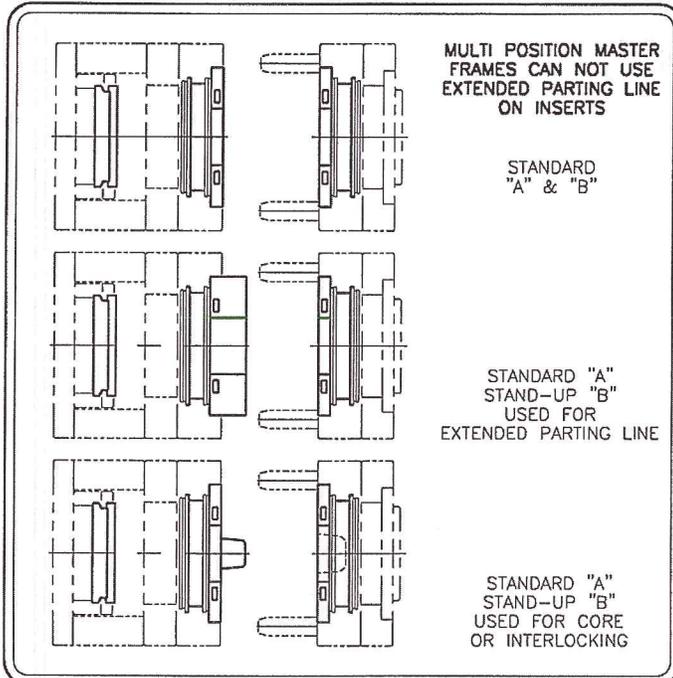
OPTIONAL



MAT'L 4142

FITTED STORAGE BOX

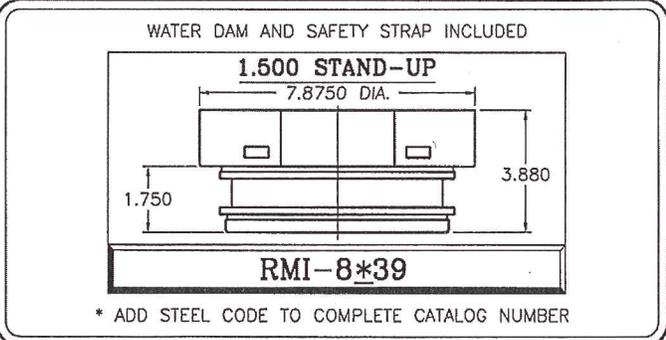
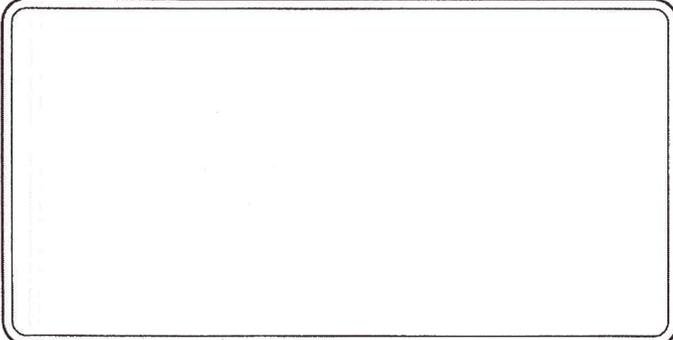
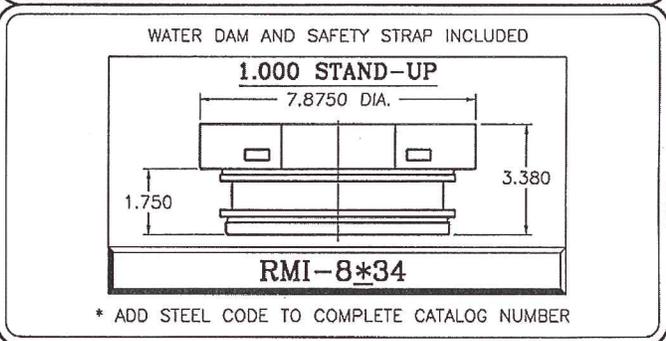
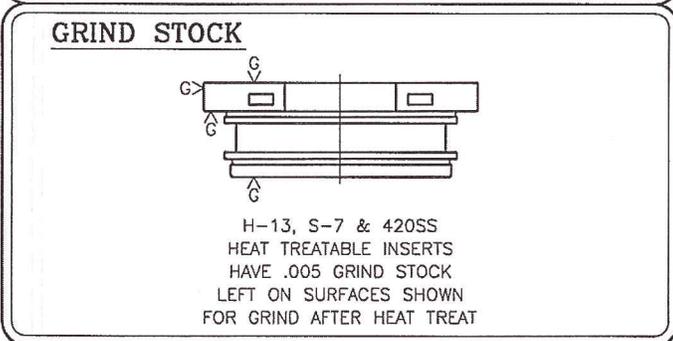
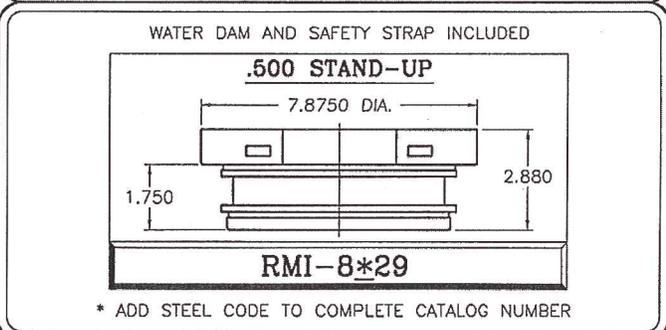




AVAILABLE STEEL

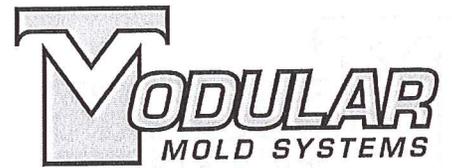
* CODE	STEEL
3	P-20 PRE-HARD 32/34 Rc
4	S-7 ANNEALED
5	H-13 ANNEALED
6	420SS ANNEALED
8	420SS PRE-HARD 32/35 Rc

* USE CODE NUMBER ABOVE TO COMPLETE CATALOG NUMBER FOR INSERTS.

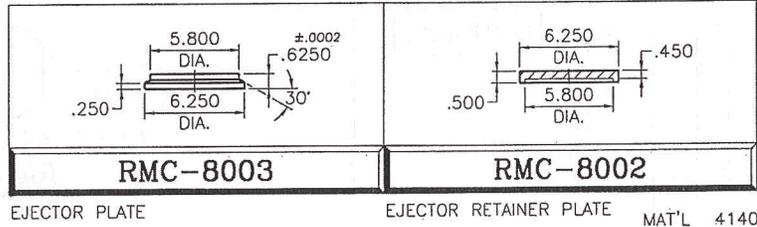
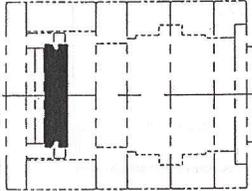


8" ROUND MATE®

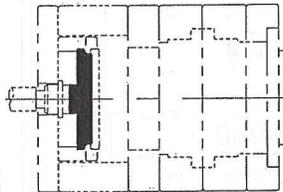
Standard Insert Components



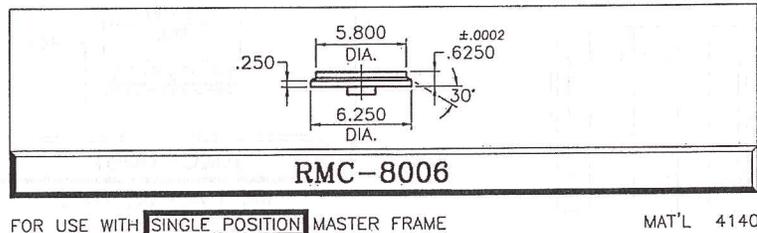
EJECTOR PLATE ASSEMBLY



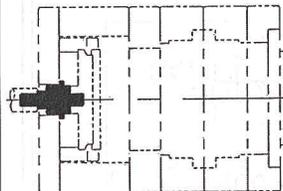
QUICK CONNECT EJECTOR PLATE



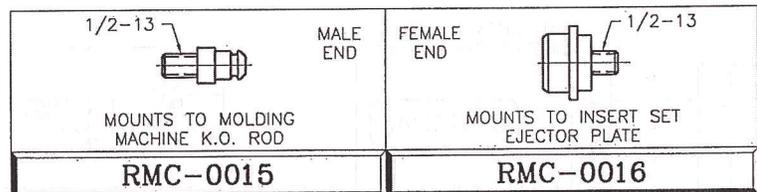
OPTIONAL



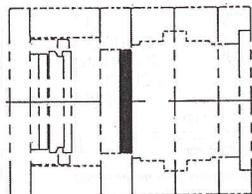
QUICK EJECTOR CONNECT



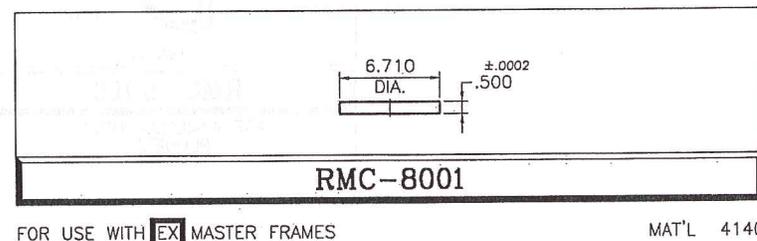
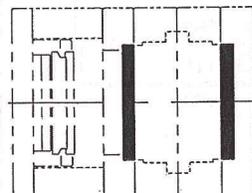
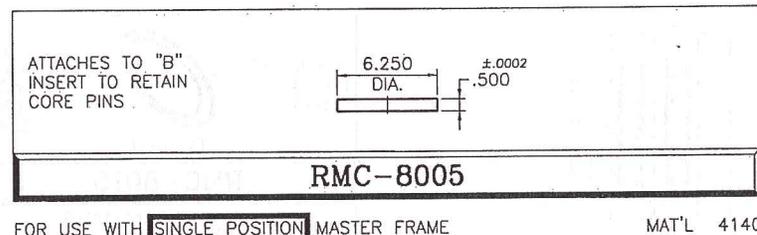
OPTIONAL



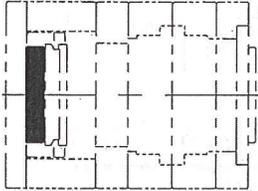
CORE RETAINER PLATES



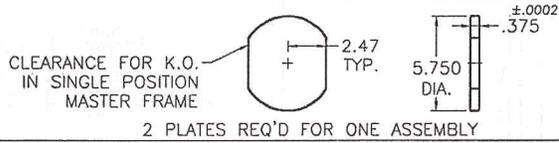
OPTIONAL



SLEEVE EJECTION CORE RETAINER PLATES



OPTIONAL



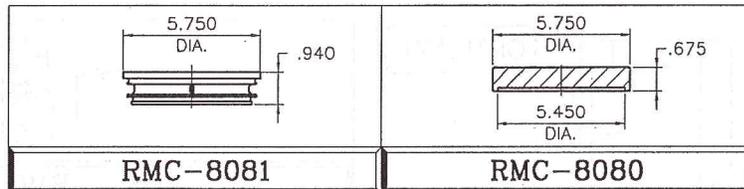
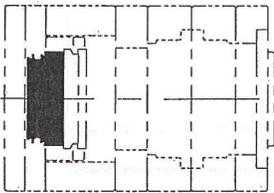
2 PLATES REQ'D FOR ONE ASSEMBLY

RMC-8004

MAT'L 4140

WATER MANIFOLD ASSEMBLY

FOR USE WITH WATER OPTION MASTER FRAME



RMC-8081

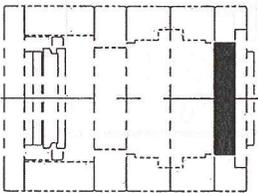
RMC-8080

WATER MANIFOLD PLATE
MAT'L 420 SS

WATER CORE RETAINER PLATE
MAT'L 4140

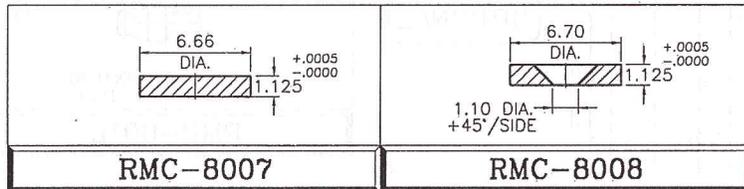
TOP CLAMP PLATE

ATTACHES TO "A" INSERT FOR CUSTOM



OPTIONAL

REMOVE SPRUE BUSHING DISC/EXT. NOZZLE DISC FROM MASTER FRAME



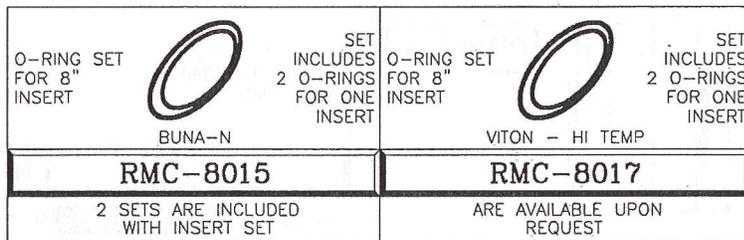
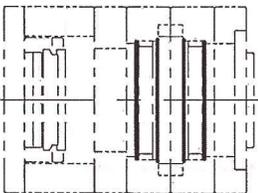
RMC-8007

RMC-8008

FOR USE WITH **SINGLE POSITION** MASTER FRAME

MAT'L 4140

O-RINGS

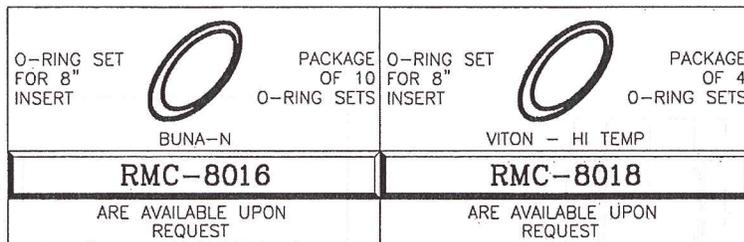


RMC-8015

RMC-8017

2 SETS ARE INCLUDED WITH INSERT SET

ARE AVAILABLE UPON REQUEST



RMC-8016

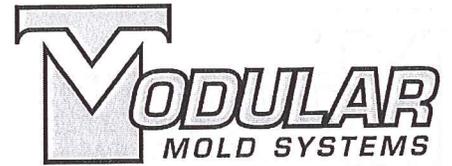
RMC-8018

ARE AVAILABLE UPON REQUEST

ARE AVAILABLE UPON REQUEST

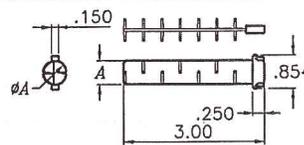
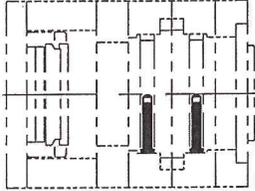
8" ROUND MATE®

Standard Insert Components



WATER BAFFLE (Packs of 10)

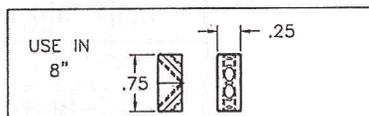
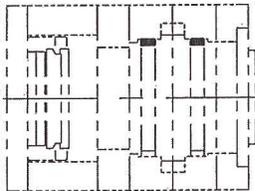
NYLON PLASTIC, NOT FOR HIGH TEMPERATURE APPLICATIONS



A DIM.	FOR USE WITH 8" ROUND MATE INSERT
.312	RMC-0085
.500	RMC-0086

WATER DAM

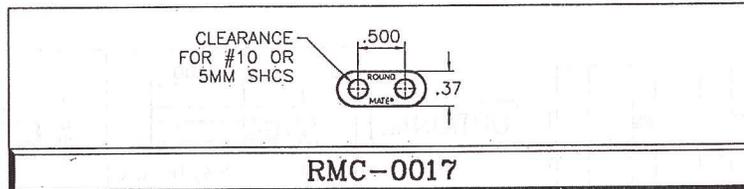
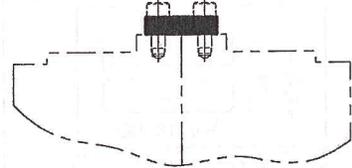
1 SUPPLIED WITH EACH INSERT



RMC-0011
PACKAGE OF 2 WITH WRENCH AND SAFETY STRAP
MAT'L 416SS

SAFETY STRAP

1 SUPPLIED WITH EACH INSERT

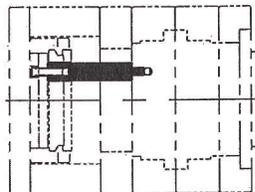


PACKAGE OF 10

MAT'L NYLON

SLEEVE EJECTION SUPPORT PILLAR

OPTIONAL



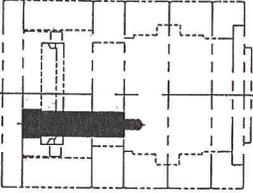
MOLD MAKER MAY TRIM SUPPORT PILLARS TO LENGTH FOR CUSTOM APPLICATIONS

SET SCREW INCLUDED

5/8 HEX	5/16-18
"L"=3.6270	"L"=5.6270
RMC-0023	RMC-0026
"L"=4.6270	"L"=6.1270
RMC-0024	RMC-0027
"L"=5.1270	"L"=6.6270
RMC-0025	RMC-0028

MAT'L 1144

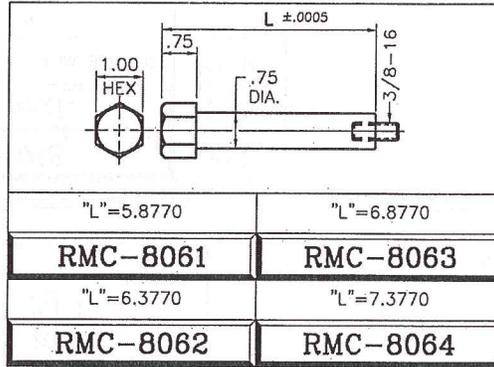
SUPPORT PILLAR



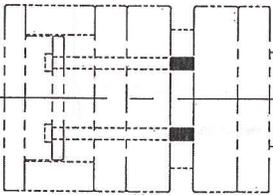
MOLD MAKER MAY TRIM SUPPORT PILLARS TO LENGTH FOR CUSTOM APPLICATIONS

CUSTOM LENGTHS ARE AVAILABLE, CALL FOR QUOTE

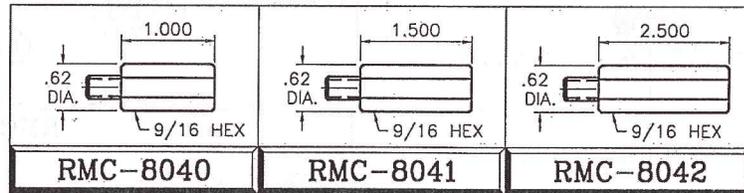
SET SCREW INCLUDED



RETURN PIN EXTENSIONS

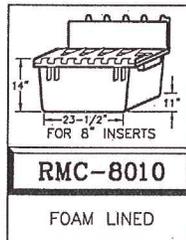
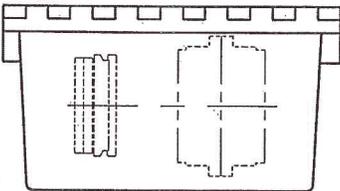


OPTIONAL



MAT'L 4142

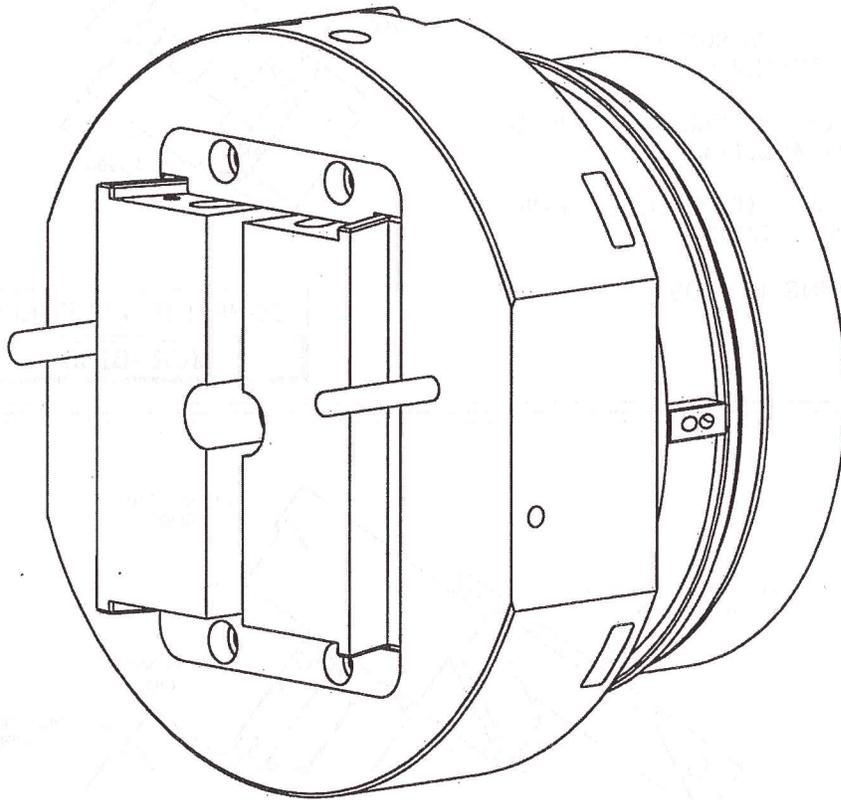
FITTED STORAGE BOX





Section Five	
<i>Cavity Ready Components</i>	
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Round Mate Butterfly Slide Assemblies



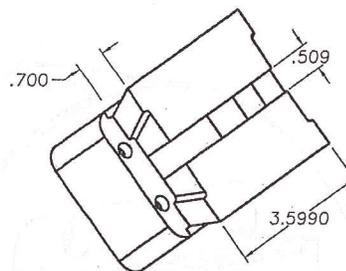
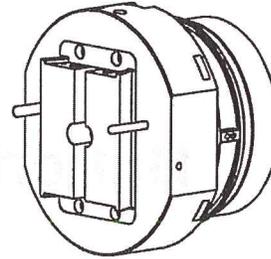
Special
Order



6" Round Mate Single Slide Assembly

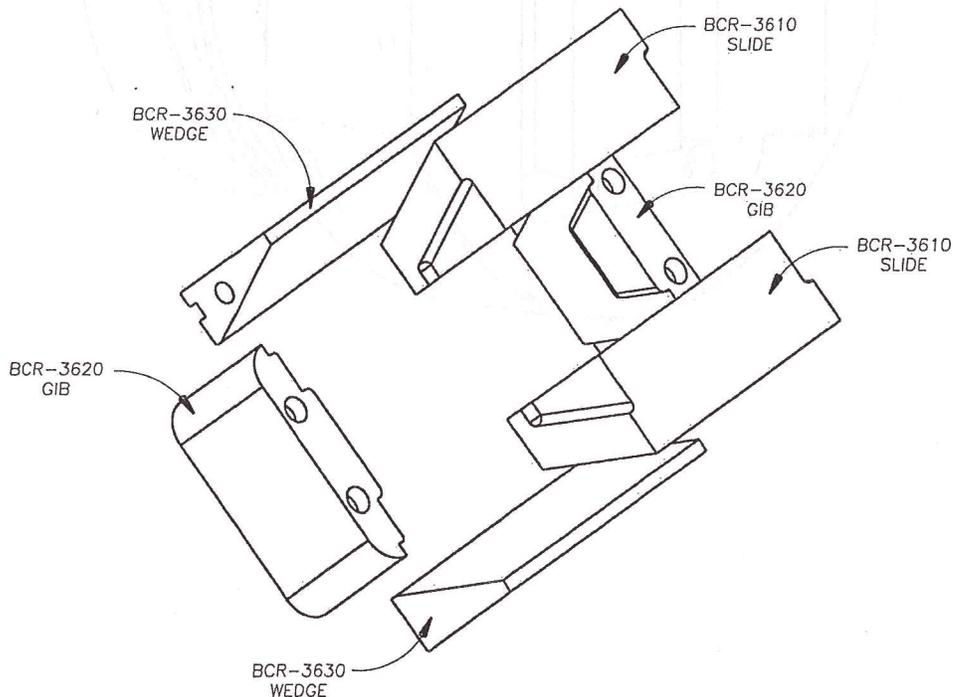
SINGLE "BUTTERFLY SLIDE" ASSEMBLY

- ROUND MATE INSERT 420 SS (Rc 32-35)
- TOP CLAMP PLATE 4140
- GUIDE PIN
- HARDENED S-7 SLIDES (Rc 54-56)
- SPRING ACTIVATED SLIDES
- COMPLETE, READY FOR CAVITY DETAIL
- ACTUATOR PINS & SPRINGS ARE INCLUDED WITH ASSEMBLY
- .003 GRIND STOCK ON FACE OF SLIDES FOR FINAL FIT AT ASSEMBLY
- PRE-FIT SLIDES CAN BE QUOTED UPON REQUEST GROUND $\pm .0002$
- MAX SLIDE OPENING IS .509



COMPLETE ASSEMBLY

MCR-6100



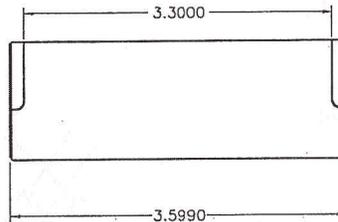
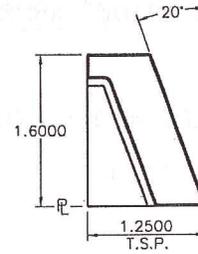
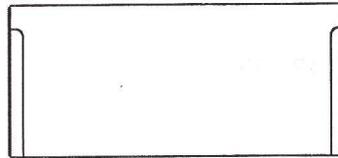
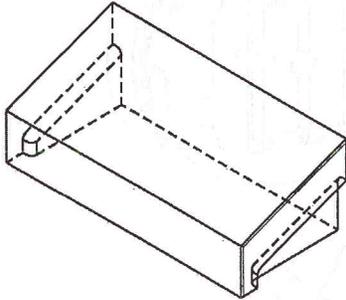


6" Single Slide Components

Special Order

CAVITY READY SLIDE

SINGLE SLIDE ASSEMBLY



.003 GRIND STOCK ON FACE OF SLIDES FOR FINAL FIT AT ASSEMBLY

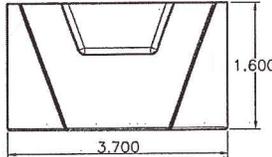
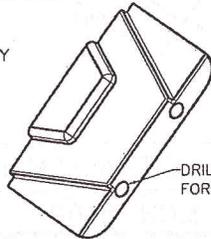
PRE-FIT SLIDES CAN BE QUOTED UPON REQUEST GROUND $\pm .0002$

MAT'L S-7 Rc 54-56

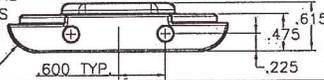
BCR-3610

SLIDE GIB

SINGLE SLIDE ASSEMBLY



DRILL & C'BORE FOR #10 SHCS

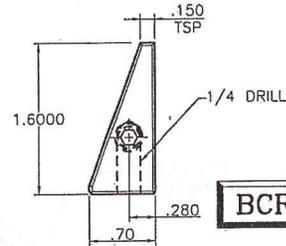
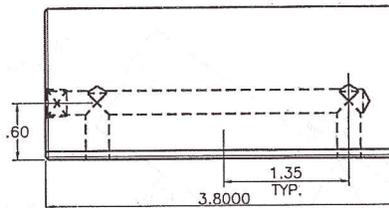
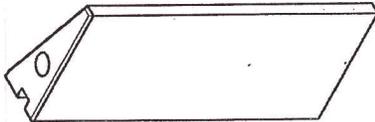


MAT'L 1018

BCR-3620

END WEDGE

SINGLE SLIDE ASSEMBLY

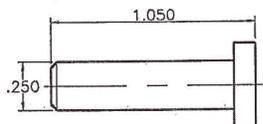


MAT'L 1018

BCR-3630

SPRING PUSH PIN

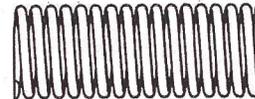
SINGLE SLIDE ASSEMBLY



CCR-0101

SPRING

SINGLE SLIDE ASSEMBLY



1/2 DIA. x 2" MEDIUM DUTY SPRING

M05M20

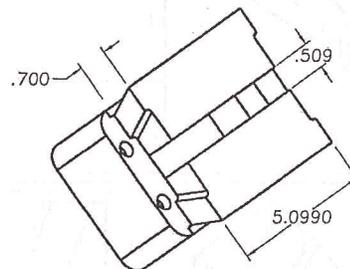
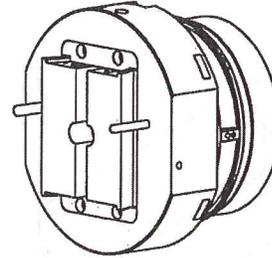
Special
Order



8" Round Mate Single Slide Assembly

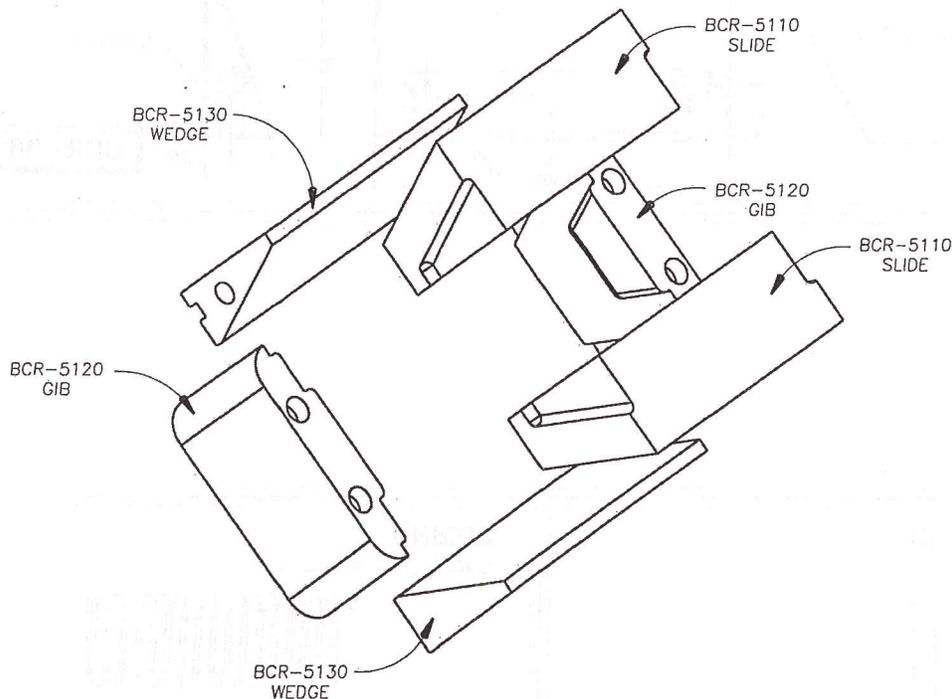
SINGLE "BUTTERFLY SLIDE" ASSEMBLY

- ROUND MATE INSERT 420 SS (Rc 32-35)
- TOP CLAMP PLATE 4140
- GUIDE PIN
- HARDENED S-7 SLIDES (Rc 54-56)
- SPRING ACTIVATED SLIDES
- COMPLETE, READY FOR CAVITY DETAIL
- ACTUATOR PINS & SPRINGS ARE INCLUDED WITH ASSEMBLY
- .003 GRIND STOCK ON FACE OF SLIDES FOR FINAL FIT AT ASSEMBLY
- PRE-FIT SLIDES CAN BE QUOTED UPON REQUEST GROUND $\pm .0002$
- MAX SLIDE OPENING IS .509



COMPLETE ASSEMBLY

MCR-8100



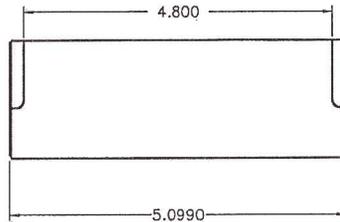
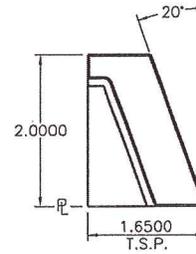
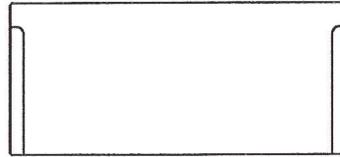
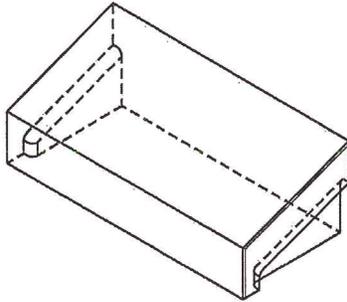


8" Single Slide Components

Special Order

CAVITY READY SLIDE

SINGLE SLIDE ASSEMBLY



.003 GRIND STOCK ON FACE OF SLIDES FOR FINAL FIT AT ASSEMBLY

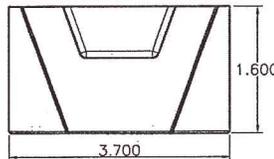
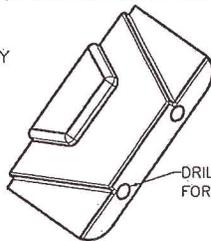
PRE-FIT SLIDES CAN BE QUOTED UPON REQUEST GROUND $\pm .0002$

MAT'L S-7 Rc 54-56

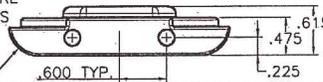
BCR-5110

SLIDE GIB

SINGLE SLIDE ASSEMBLY



DRILL & C'BORE FOR #10 SHCS

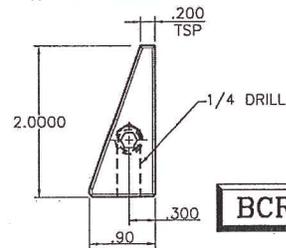
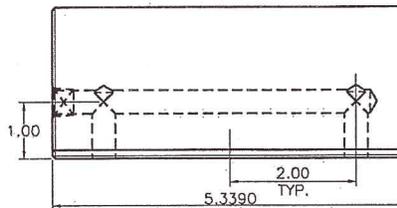
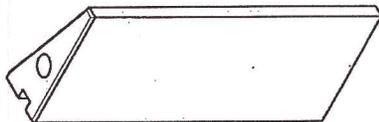


MAT'L 1018

BCR-5120

END WEDGE

SINGLE SLIDE ASSEMBLY

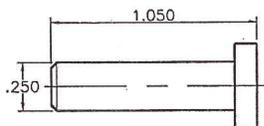


MAT'L 1018

BCR-5130

SPRING PUSH PIN

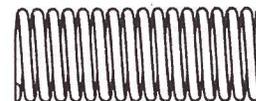
SINGLE SLIDE ASSEMBLY



CCR-0101

SPRING

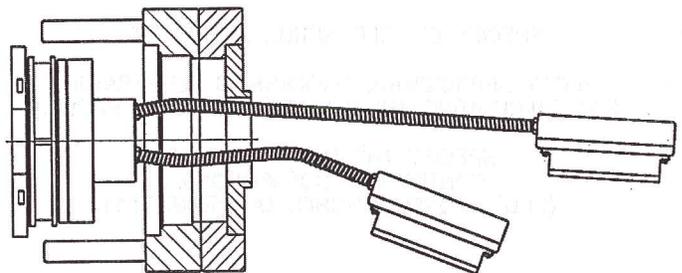
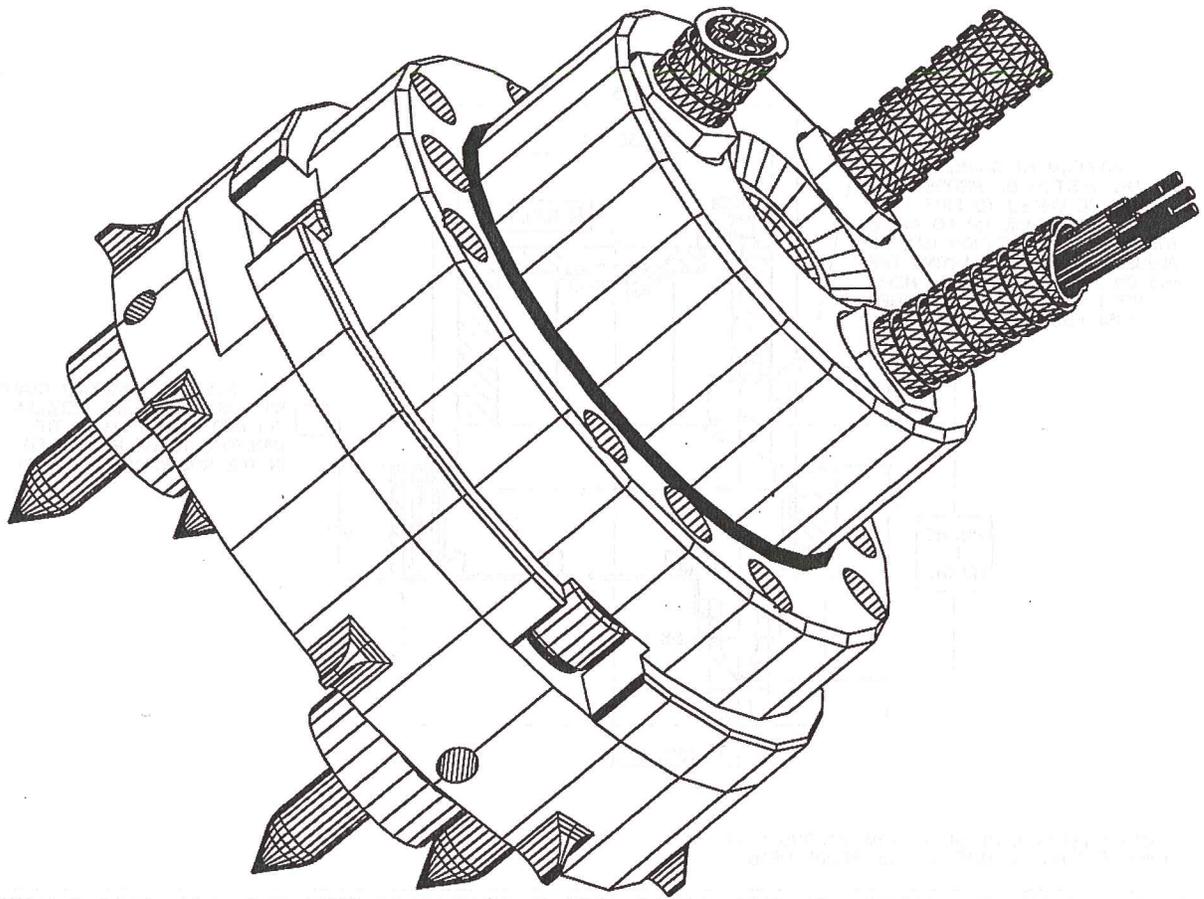
SINGLE SLIDE ASSEMBLY



1/2 DIA. x 2" MEDIUM DUTY SPRING

M05M20

Hot Manifold Systems



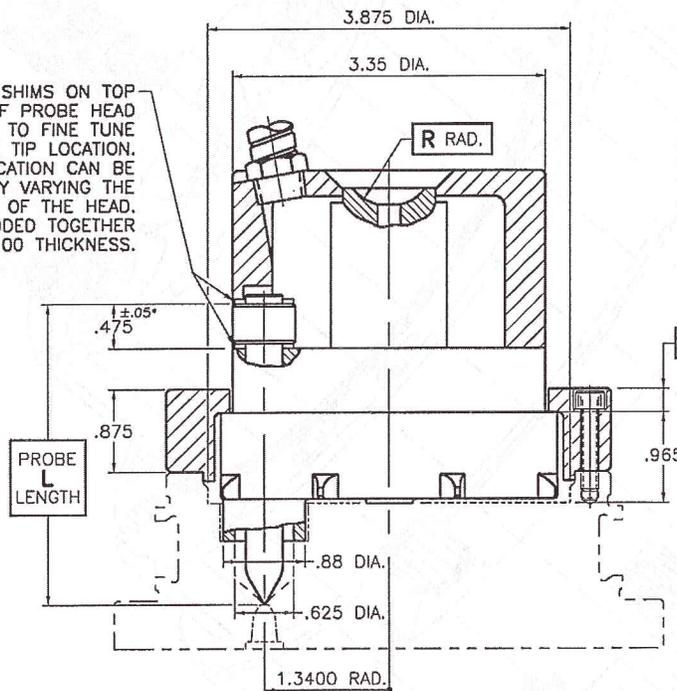
Special
Order



6" Round Mate Hot Manifold

6" HOT MANIFOLD SYSTEM

ADJUSTMENT SHIMS ON TOP AND BOTTOM OF PROBE HEAD MAY BE VARIED TO FINE TUNE THE PROBE TIP LOCATION. THE PROBE TIP LOCATION CAN BE ADJUSTED ± 0.050 BY VARYING THE SHIMS ON EACH SIDE OF THE HEAD. BOTH SHIMS ADDED TOGETHER MUST EQUAL .100 THICKNESS.



THICKNESS OF MANIFOLD CLAMP RING IS ADJUSTABLE BETWEEN .25 AND .95 TO ALLOW THE MANIFOLD TO BE POSITIONED IN THE ROUND MATE® INSERT

* ± 0.050 TOLERANCE RESULTS FROM SHIFTING SHIM THICKNESS ALL TO ONE SIDE OF PROBE HEAD.

WHEN ORDERING

WHEN ORDERING A MANIFOLD ASSEMBLY, SPECIFY CATALOG NUMBER FOR DESIRED NUMBER OF PROBES.

SPECIFY PLUS OR MINUS "G" GATE LOCATION FROM DATUM LEVEL.

SPECIFY DESIRED SPRUE RADIUS "R".

SPECIFY APPROXIMATE PROCESSING TEMPERATURE FOR CALCULATING THERMAL EXPANSION OF PROBE.

SPECIFY THE REQ'D TYPE OF CONTROLLER CONNECTIONS. (REQ'D ZONES=NUMBER OF PROBES+1)

HOT MANIFOLD CONSISTS OF:

- BODY - CAP - CLAMP RING
- PROBES - BODY HEATERS - THERMOCOUPLES
- CHOICE OF CONTROLLER INPUT CONNECTORS
- ENGINEERING DRAWING PACKAGE

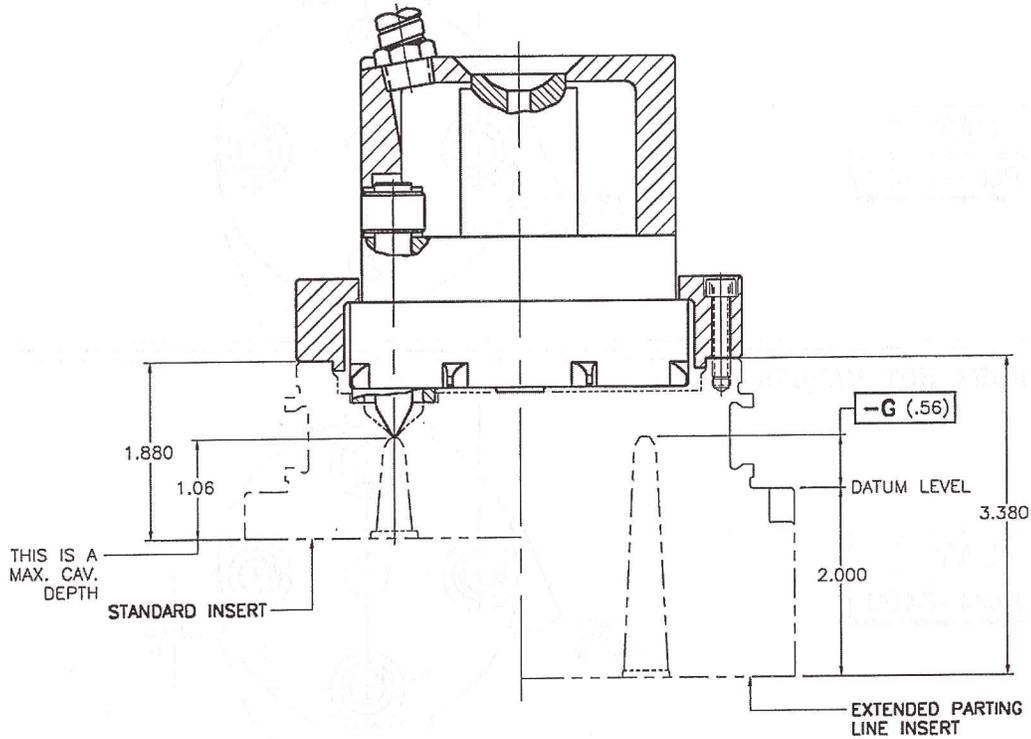
THE HOT MANIFOLD WILL BE SUPPLIED ASSEMBLED AND PRE-WIRED READY TO FIT INTO THE CUSTOMERS PARTICULAR APPLICATION.



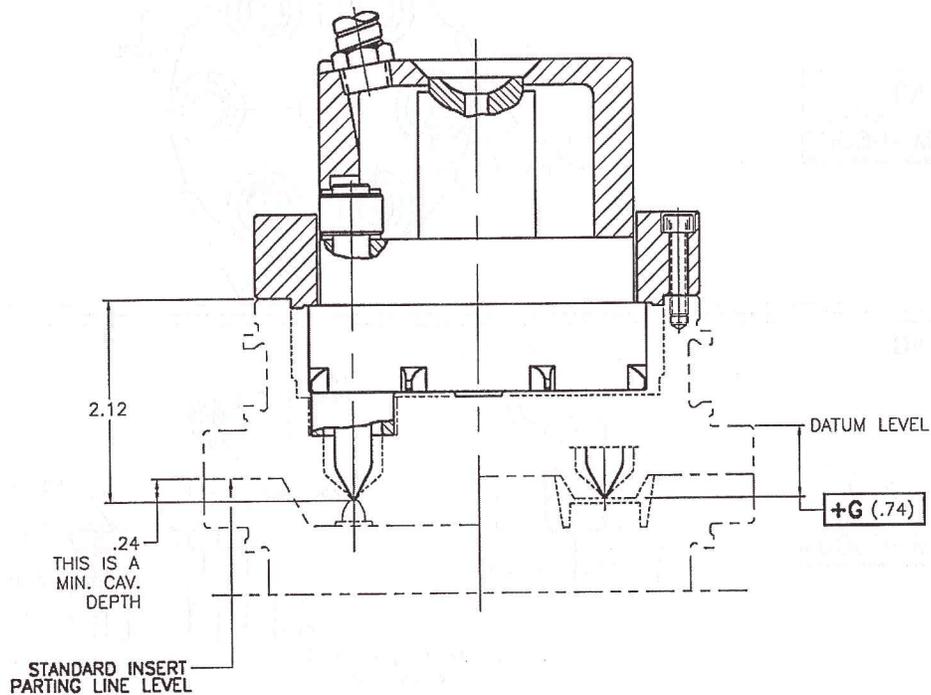
6" Hot Manifold Design Specifications



RECOMMENDED MINIMUM GATE LEVEL



RECOMMENDED MAXIMUM GATE LEVEL



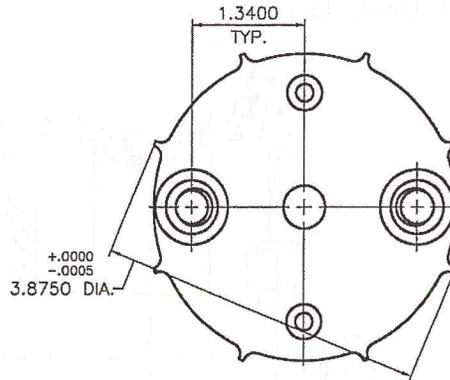
Special
Order



6" Hot Manifold Components

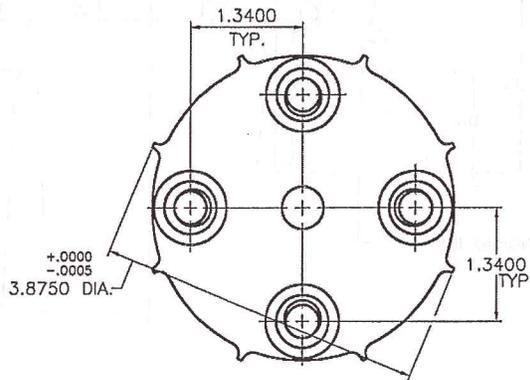
6" TWO PROBE HOT MANIFOLD

CAT #
RMM-6200



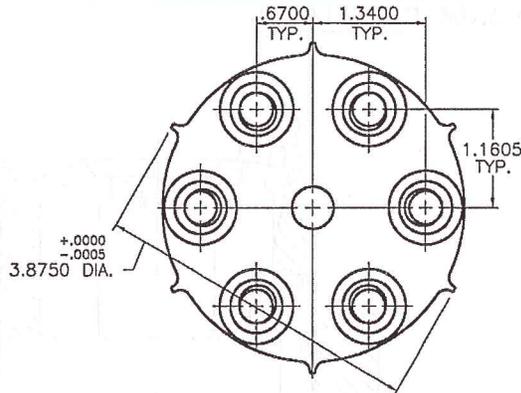
6" FOUR PROBE HOT MANIFOLD

CAT #
RMM-6400



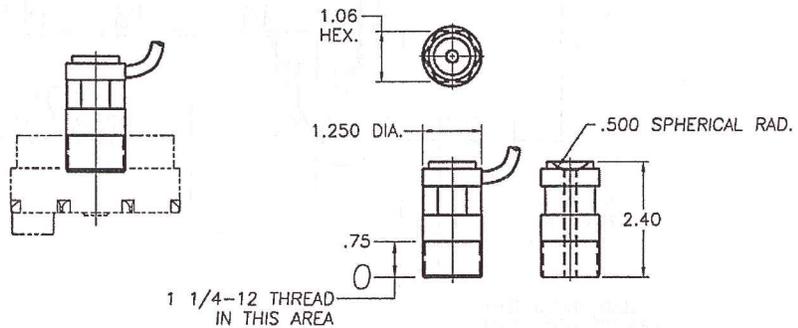
6" SIX PROBE HOT MANIFOLD

CAT #
RMM-6600



NOZZLE BUSHING

CAT #
RMM-6000

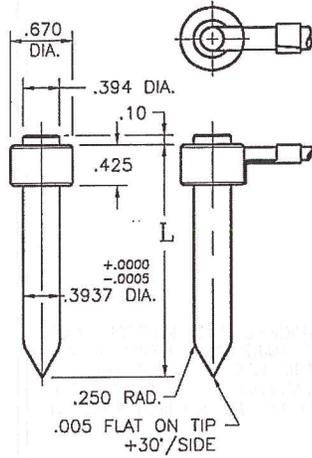




6" Hot Manifold Components

Special Order

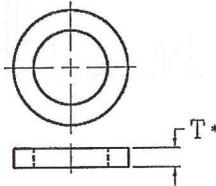
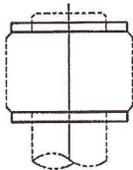
6" HOT MANIFOLD PROBE



CAT #	L	VOLTS	WATTS	CAT #	L	VOLTS	WATTS
RMM-8020	2.150	240	160	RMM-8027	3.200	240	190
RMM-8021	2.300	240	160	RMM-8028	3.350	240	210
RMM-8022	2.450	240	160	RMM-8029	3.500	240	215
RMM-8023	2.600	240	160	RMM-8030	3.650	240	225
RMM-8024	2.750	240	165	RMM-8031	3.800	240	235
RMM-8025	2.900	240	170	RMM-8032	3.950	240	245
RMM-8026	3.050	240	180				

MAT'L D-2
HDN. Rc 44

ADJUSTMENT SHIM

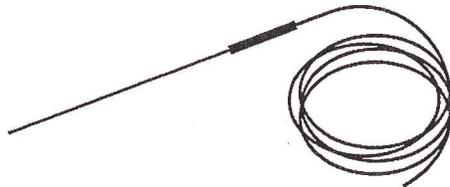


CAT #	T
RMM-0110	.06
RMM-0111	.11

SOLD IN
PACKAGES
OF 10

* OVERSIZE FOR ADJUSTMENT

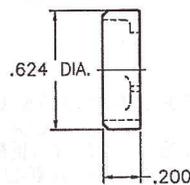
PROBE THERMOCOUPLE



TYPE J

CAT #
RMM-0100

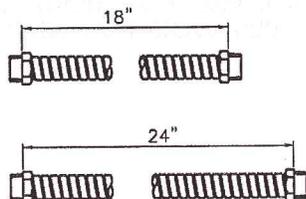
REGISTER RING OPTIONAL



CAT #
RMM-0130

* MUST BE ORDERED SEPARATELY

CONDUIT



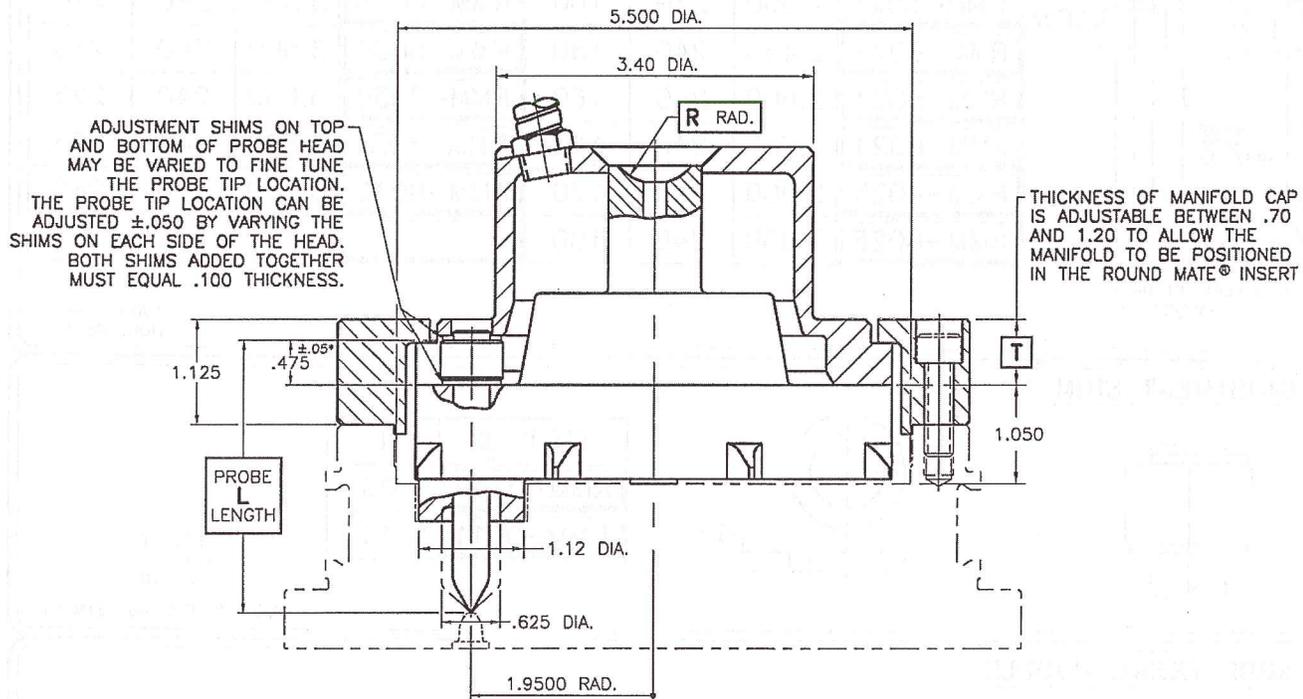
LENGTH	CAT #
18"	RMM-0124
24"	RMM-0120

Special
Order



8" Round Mate Hot Manifold

8" HOT MANIFOLD SYSTEM



* $\pm .050$ TOLERANCE RESULTS FROM SHIFTING SHIM THICKNESS ALL TO ONE SIDE OF PROBE HEAD.

WHEN ORDERING

WHEN ORDERING A MANIFOLD ASSEMBLY, SPECIFY CATALOG NUMBER FOR DESIRED NUMBER OF PROBES.

SPECIFY PLUS OR MINUS "G" GATE LOCATION FROM DATUM LEVEL.

SPECIFY DESIRED SPRUE RADIUS "R".

SPECIFY APPROXIMATE PROCESSING TEMPERATURE FOR CALCULATING THERMAL EXPANSION OF PROBE.

SPECIFY THE REQ'D TYPE OF CONTROLLER CONNECTIONS.
(REQ'D ZONES=NUMBER OF PROBES+1)

HOT MANIFOLD CONSISTS OF:

- BODY - CAP - CLAMP RING
- PROBES - BODY HEATERS - THERMOCOUPLES
- CHOICE OF CONTROLLER INPUT CONNECTORS
- ENGINEERING DRAWING PACKAGE

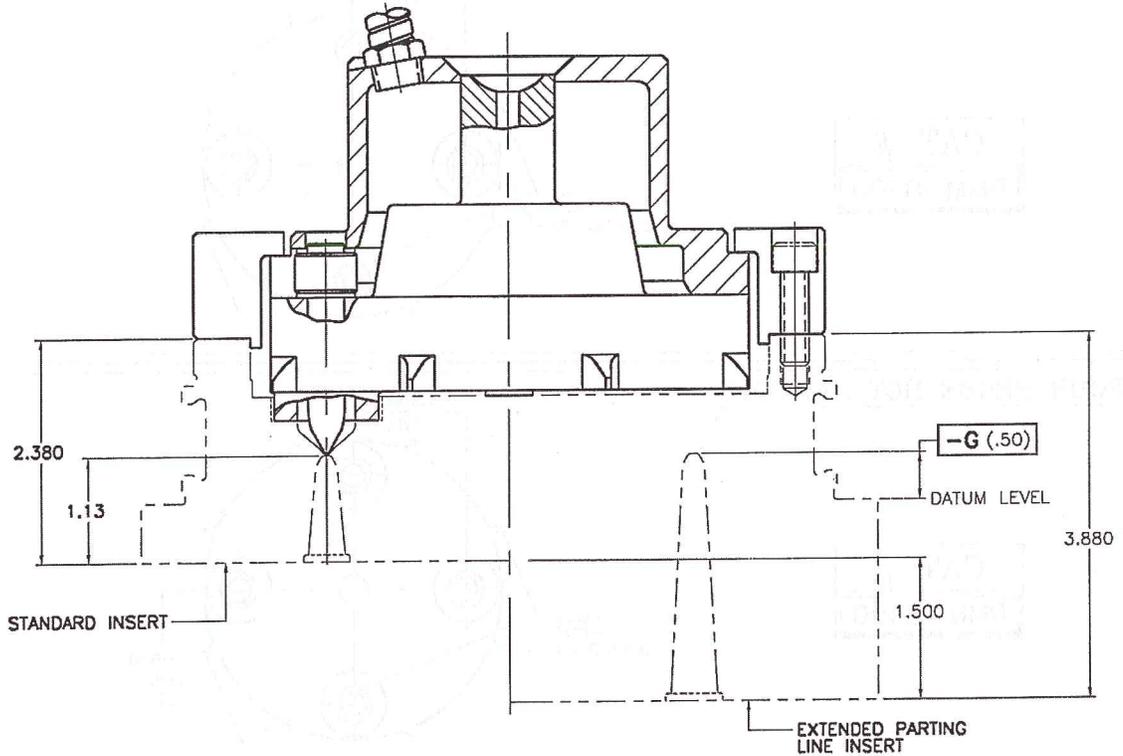
THE HOT MANIFOLD WILL BE SUPPLIED ASSEMBLED AND PRE-WIRED READY TO FIT INTO THE CUSTOMERS PARTICULAR APPLICATION.



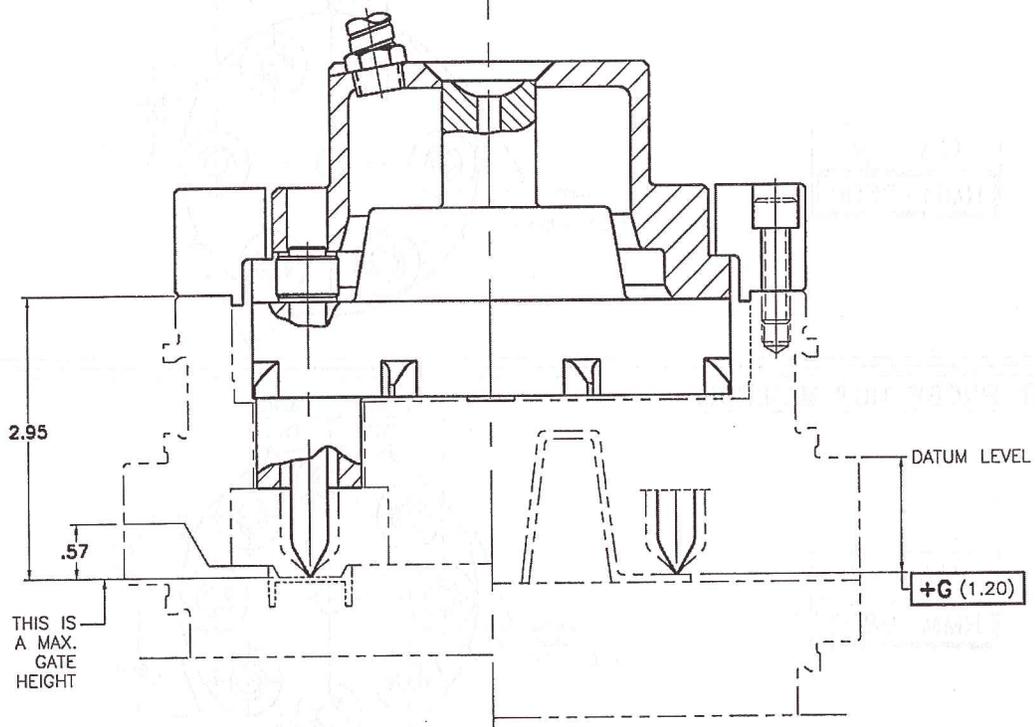
8" Hot Manifold Design Specifications

Special
Order

RECOMMENDED MINIMUM GATE LEVEL



RECOMMENDED MAXIMUM GATE LEVEL



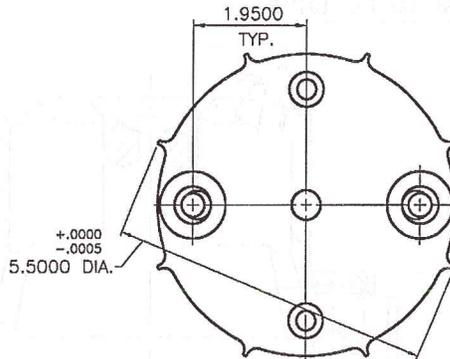
Special
Order



8" Hot Manifold Components

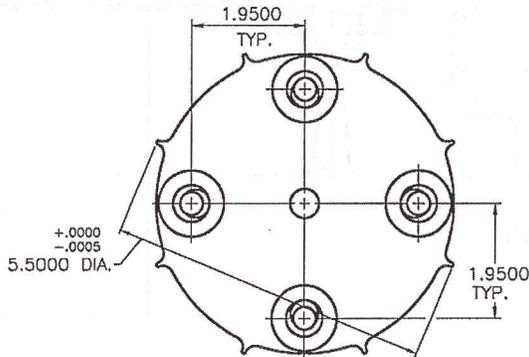
8" TWO PROBE HOT MANIFOLD

CAT #
RMM-8200



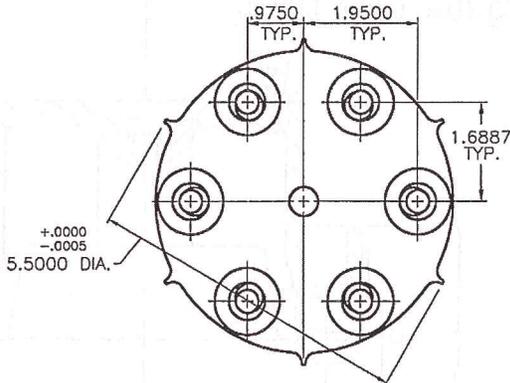
8" FOUR PROBE HOT MANIFOLD

CAT #
RMM-8400



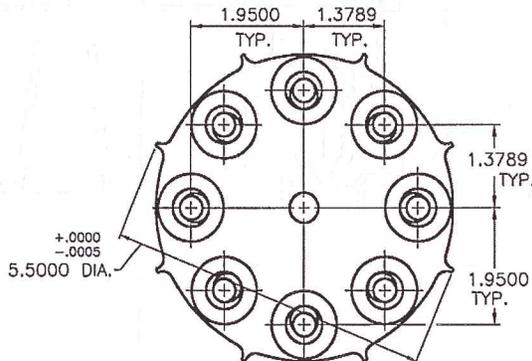
8" SIX PROBE HOT MANIFOLD

CAT #
RMM-8600



8" EIGHT PROBE HOT MANIFOLD

CAT #
RMM-8800

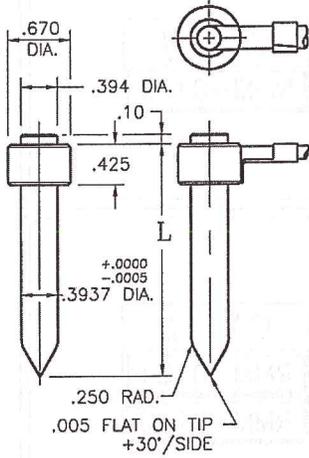




8" Hot Manifold Components

Special Order

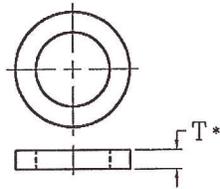
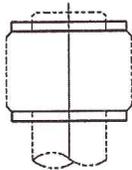
8" HOT MANIFOLD PROBE



CAT #	L	VOLTS	WATTS	CAT #	L	VOLTS	WATTS
RMM-8020	2.150	240	160	RMM-8027	3.200	240	190
RMM-8021	2.300	240	160	RMM-8028	3.350	240	210
RMM-8022	2.450	240	160	RMM-8029	3.500	240	215
RMM-8023	2.600	240	160	RMM-8030	3.650	240	225
RMM-8024	2.750	240	165	RMM-8031	3.800	240	235
RMM-8025	2.900	240	170	RMM-8032	3.950	240	245
RMM-8026	3.050	240	180				

MAT'L D-2
HDN. Rc 44

ADJUSTMENT SHIM

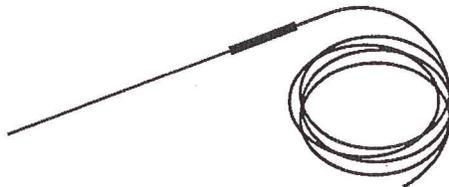


CAT #	T
RMM-0110	.06
RMM-0111	.11

SOLD IN
PACKAGES
OF 10

* OVERSIZE FOR ADJUSTMENT

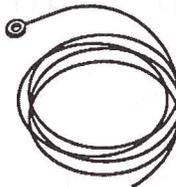
PROBE THERMOCOUPLE



TYPE J

CAT #
RMM-0100

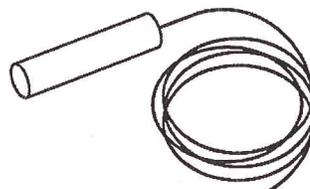
HOT MANIFOLD BODY THERMOCOUPLE



TYPE J

CAT #
RMM-0101

HOT MANIFOLD BODY HEATER



RAMA 3B2A/PCF36
3/8 DIA. x 2"
240 VOLT
200 WATT

CAT #
RMM-8010

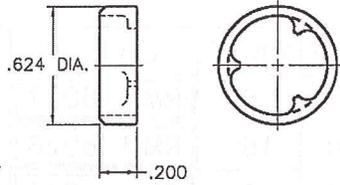
Special
Order



8" Hot Manifold Components

REGISTER RING

OPTIONAL

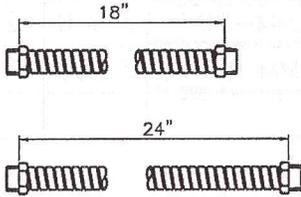


CAT #

RMM-0130

* MUST BE ORDERED SEPARATELY

CONDUIT



LENGTH	CAT #
18"	RMM-0124
24"	RMM-0120

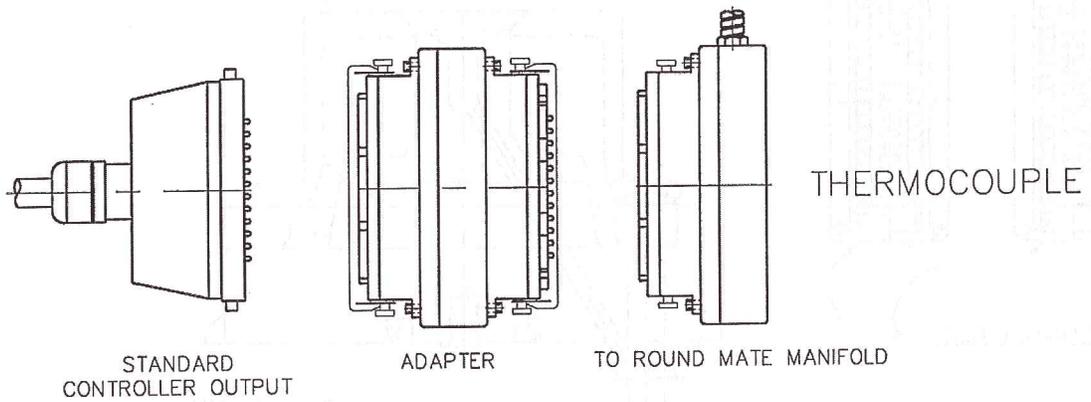
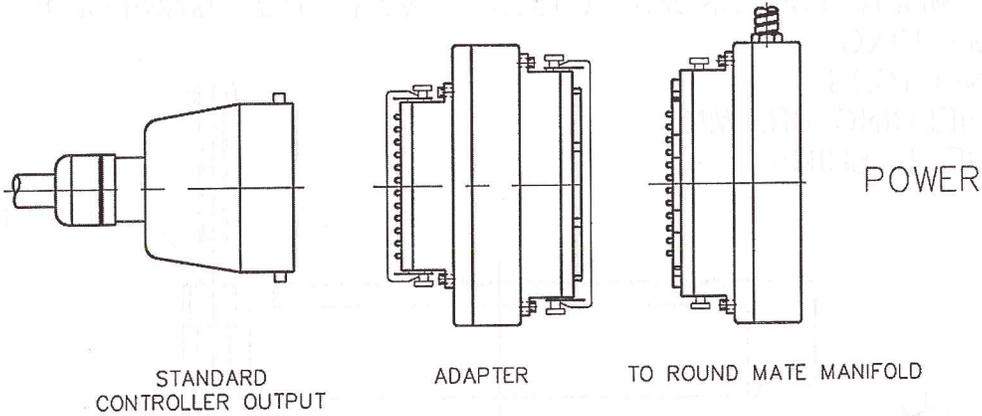
HOT MANIFOLD SYSTEM

For Engineering
Assistance
Call
1-800-860-3974
1-419-675-3334

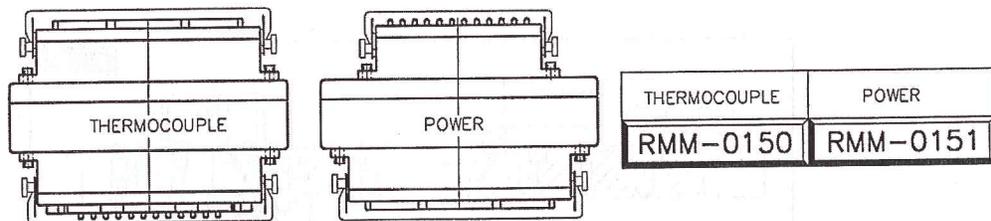


Hot Manifold Electrical Connections

Special
Order

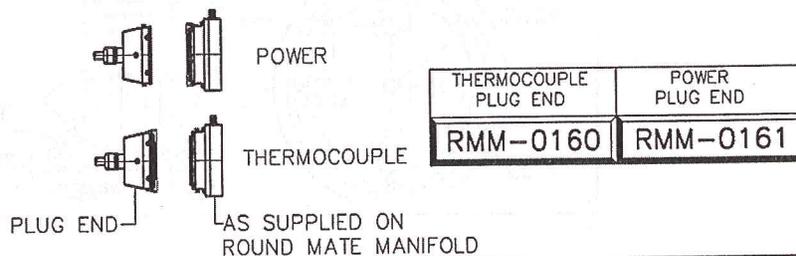


ADAPTER PLUG



DIRECT CONNECTION

CONTROLLER CABLES CAN BE REWIRED TO PLUG DIRECTLY INTO THE ROUND MATE MANIFOLD WITHOUT THE NEED OF AN ADAPTER.

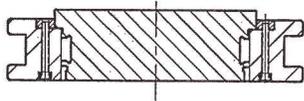
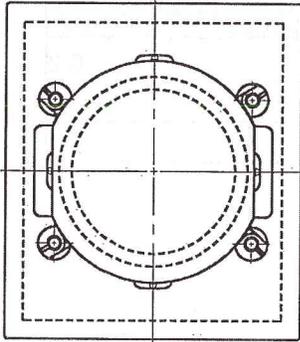


Section Six	
<i>Mold Components & Supplies</i>	
Supplies	
Machining Fixtures	6.2
Insert Loading Fixtures	6.3
Round Interlocks	6.4

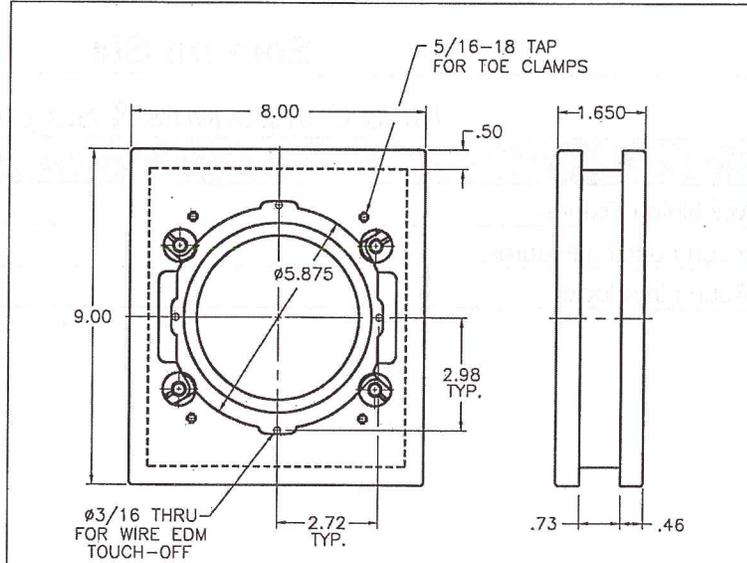
Machining Fixtures

6" INSERT MACHINING FIXTURE

HEAT-TREATABLE INSERTS WITH GRIND STOCK WILL NOT FIT INTO MACHINING FIXTURE.



(SHOWN ASSEMBLED WITH INSERT)

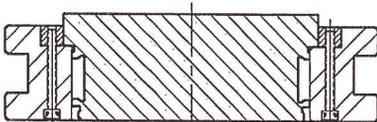
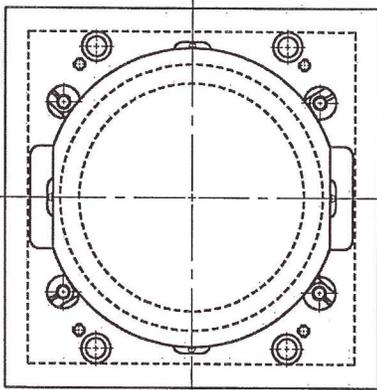


FIXTURE INCLUDES 2 RETAINER/LIFTER WRENCHES (#RMC-0002)

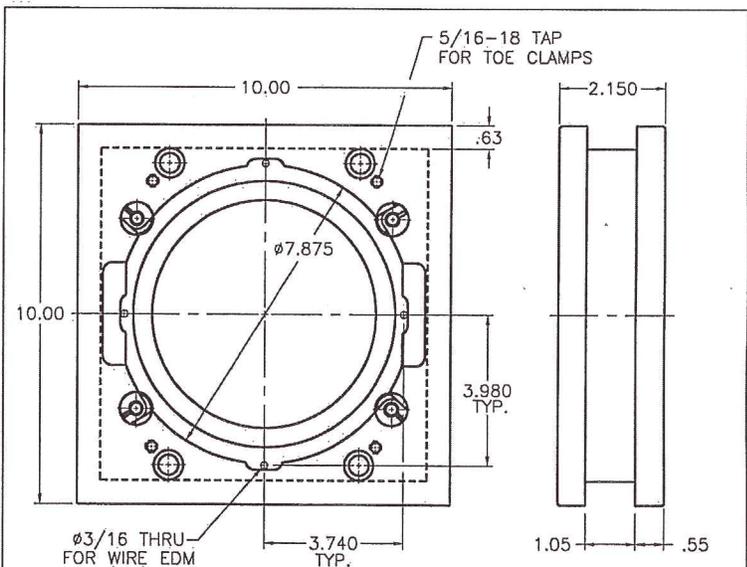
RMT-6100

8" INSERT MACHINING FIXTURE

HEAT-TREATABLE INSERTS WITH GRIND STOCK WILL NOT FIT INTO MACHINING FIXTURE.



(SHOWN ASSEMBLED WITH INSERT)



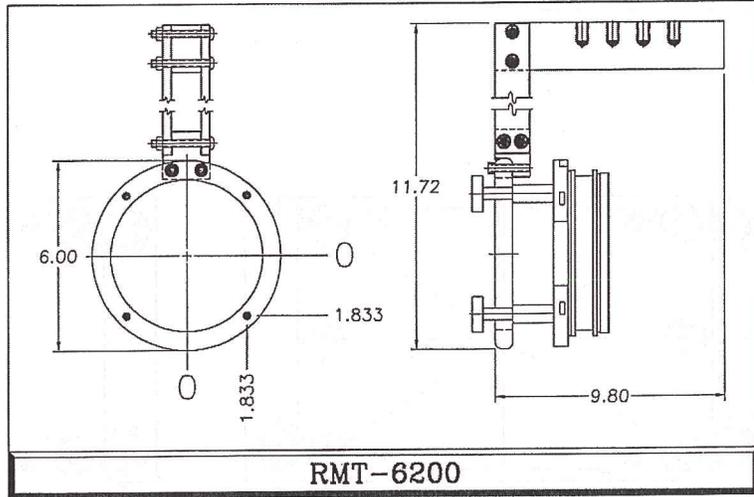
FIXTURE INCLUDES 2 RETAINER/LIFTER WRENCHES (#RMC-0002)

RMT-8100

Loading Fixtures

6" INSERT LOADING FIXTURE

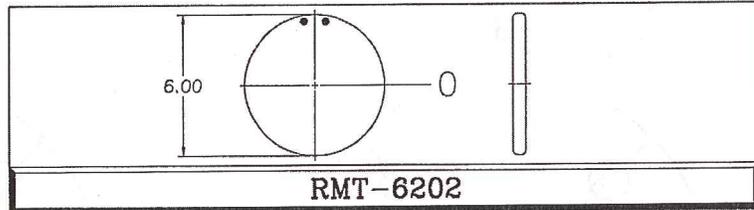
ALLOWS FOR EASY PLACEMENT AND REMOVAL OF COVER AND EJECTOR SIDE 6" ROUND MATE STANDARD INSERTS. COMPLETE SET INCLUDES STANDARD RING, LIFTING ARM AND SCREW FASTENERS.



NOTE:
1/4-20 TAPPED HOLES MUST BE PLACED IN FACE OF INSERT AT GIVEN LOCATIONS.

OPTIONAL 6" BLANK DISC

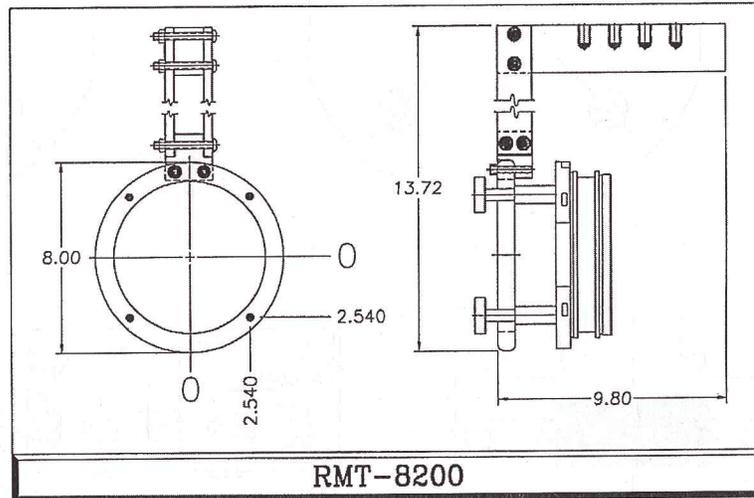
ALLOWS FOR EASY PLACEMENT AND REMOVAL OF COVER AND EJECTOR SIDE 6" ROUND MATE CUSTOM INSERTS.



NOTE:
TAPPED HOLES MAY BE PLACED ANYWHERE TO MATCH FACE OF CUSTOM INSERT.

8" INSERT LOADING FIXTURE

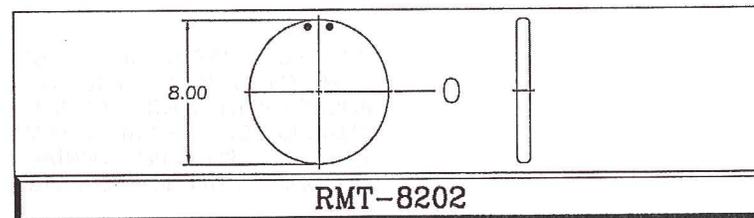
ALLOWS FOR EASY PLACEMENT AND REMOVAL OF COVER AND EJECTOR SIDE 8" ROUND MATE STANDARD INSERTS. COMPLETE SET INCLUDES STANDARD RING, LIFTING ARM AND SCREW FASTENERS.



NOTE:
1/4-20 TAPPED HOLES MUST BE PLACED IN FACE OF INSERT AT GIVEN LOCATIONS.

OPTIONAL 8" BLANK DISC

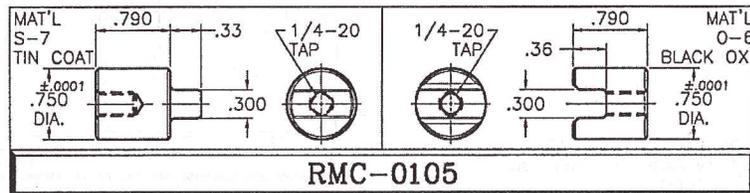
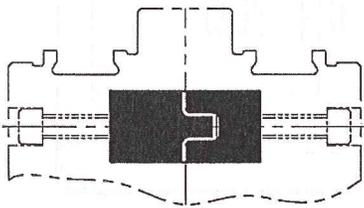
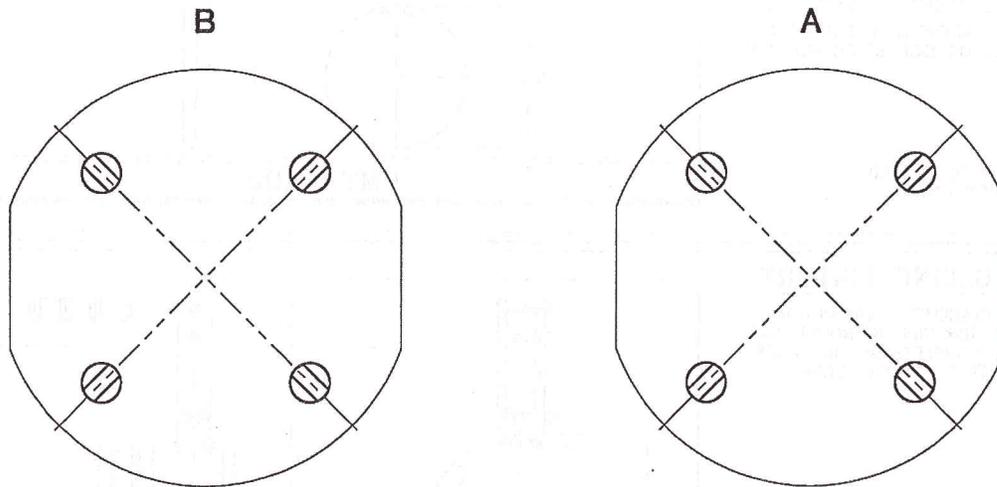
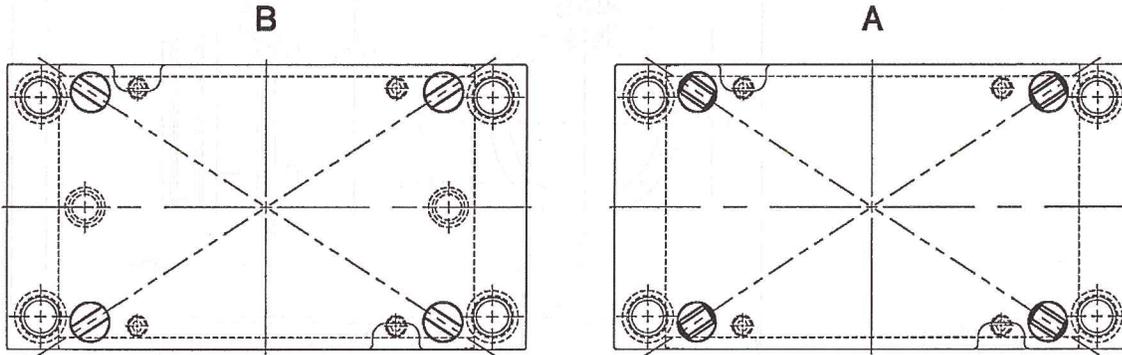
ALLOWS FOR EASY PLACEMENT AND REMOVAL OF COVER AND EJECTOR SIDE 8" ROUND MATE CUSTOM INSERTS.



NOTE:
TAPPED HOLES MAY BE PLACED ANYWHERE TO MATCH FACE OF CUSTOM INSERT.

Round Interlocks

ROUND INTERLOCKS



INTERLOCK ASSEMBLIES TO BE
 INSTALLED WITH INTERLOCK
 ALIGNED WITH CENTER OF MOLD
 ALLOWING FOR UNIFORM THERMAL
 EXPANSION WHILE STILL MAINTAINING
 DYNAMIC CAVITY INTERLOCKING