



4 HEADS ARE BETTER THAN 1

ORION[®] has been offering waterjet cutting as a service for the past 5 years. During this time we have developed the expertise to design and manufacture parts that exceed our customers' needs and give them fast delivery.

Our prototyping capabilities allow our customers to receive a few parts early in the design cycle to verify fit and function before committing to tooling expenses. Many of our materials can be waterjet cut with better quality than die cutting and with more intricate geometry.

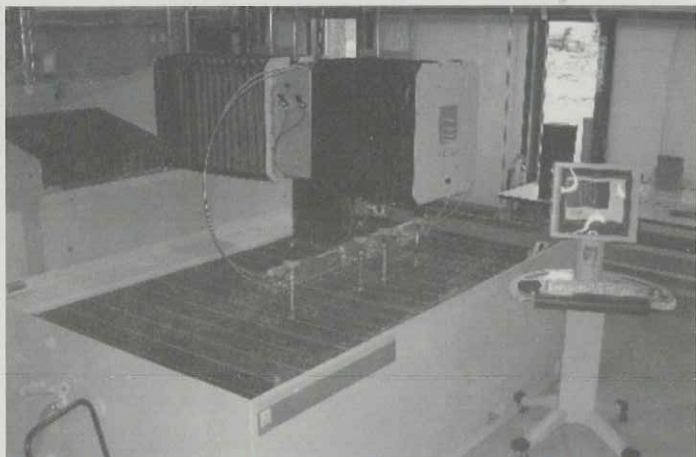
Our new 4 head waterjet machining center has the same capabilities as our smaller machine with these added benefits:

- Cut quality is improved due to higher cutting forces of 55,000 PSI
- 4 cutting heads and a 38% increase in cutting force yields much faster production rates. In many cases we can cut five times faster than our single head machine.
- Material yield is improved due to the capability of utilizing larger sheets of material in excess of 48" x 96".

All of these benefits have two direct impacts:

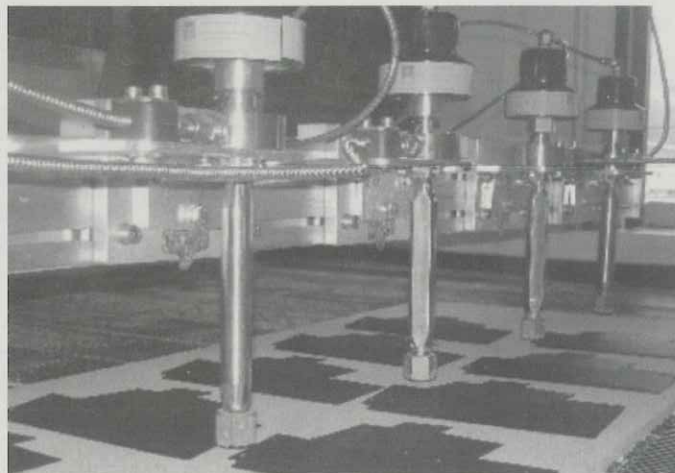
- To lower our production costs,
- To improve our production throughput, which in turn...

Saves our customers money!



To further our services, we have invested in a larger production oriented waterjet machining center.

Waterjet cutting is ideal for very small, intricate features that may otherwise require expensive hard tooling or which cannot be cut with tooling at all, such as dense rubber and thick plastics.



Call ORION to find out how your company can enjoy the benefits of our continued investment in lowering your costs and reducing your lead-times.

ORION is a registered trademark of Orion Industries Incorporated. ORION provides custom designs and manufacturing for EMI/RFI shielding, insulating, screening and sealing needs.

ORION Exhibiting At:

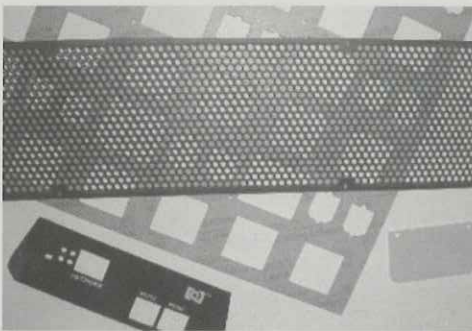


Medical Design and Manufacturing Show
Jacob K. Javits Convention Center
New York, New York

Booth #1678

Come to the MD&M East show to find the latest advances in components, materials, electronics, and technologies. It is co-located with several other industry-related shows. There will be conferences on many related topics held throughout the three day exhibit. Since it is held in the heart of New York City, there are a multitude of sightseeing, dining, sporting and cultural experiences for vacationing families to take part.

ORION will be showcasing its expertise as diecutting specialists for the medical and electronics industries. Our products include thermal transfer materials, EMI laminates and gaskets, electrical insulators, gaskets/seals and screens/filters. We fabricate formed plastic covers from polycarbonate, polypropylene, acrylic and other materials. When rapid prototypes are needed, our new 4-head waterjet machining center can make parts within hours of request [see accompanying article]. We also have CNC drilling and routing capabilities - ideal for plastic parts with lots of holes.



Please stop by our booth #1678 to speak to Peter Smith, Sales Manager and Larry Bonney, Engineering Manager. They will be on hand to discuss design issues, material alternatives and other product challenges to help get your product to market.

RoHS COMPLIANT

**Your local source for
Internationally Compliant Products.**

RoHS compliance has become a nightmare for some buyers and design engineers. The seemingly endless paperwork, coupled with hazy requirements can compound an already demanding and stressful job. That is where we can help. We have evaluated all of the materials that we work with to ensure compliance to the RoHS directives.

What is RoHS? It stands for "Restriction of Hazardous Substances", a European Union Directive which places restrictions on the use of certain hazardous substances in electrical or electronic equipment manufactured worldwide. These substances are lead, mercury, cadmium, hexavalent chromium, brominated flame retardants (PBB, PBDE) and plasticizers (DOP, DEHP, DBP).

Through our extensive research, coupled with our partnerships with our supply base, ORION is able to guarantee the compliance of the products we offer. As new requirements are placed upon us, we are capable of testing materials to ensure our continued compliance to these requirements. Our engineering staff works with our customers to design products with RoHS compliance in mind.

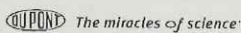
ORION is committed to providing product compliant with all applicable state, local and international laws and standards, especially those regulating environmental concerns. It is our policy to use materials in our products which are compliant with RoHS directives.

All shipments made by ORION come complete with a signed document stating compliance to the RoHS directives. This certificate of compliance is your guarantee that the products we deliver will meet your needs, and those of your customers.

ORION uses quality materials to produce high quality parts.



ROGERS

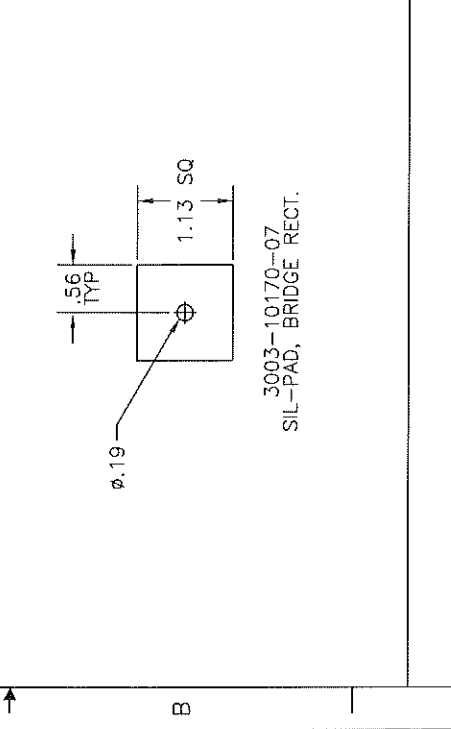
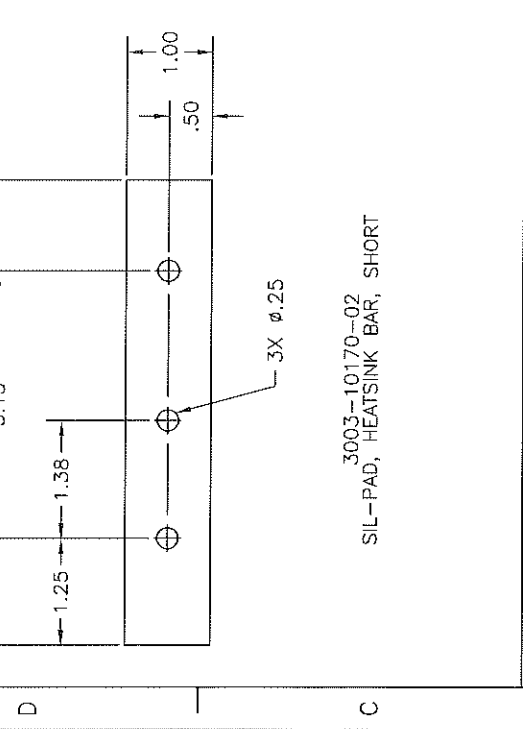
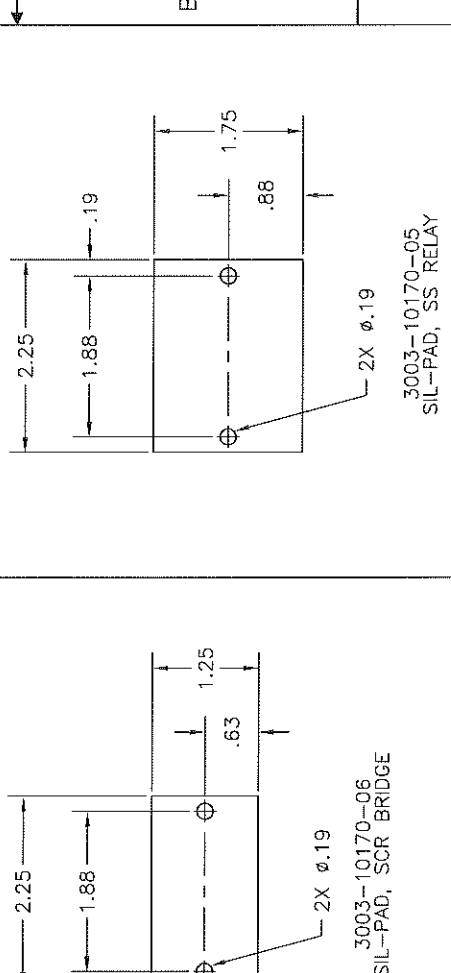
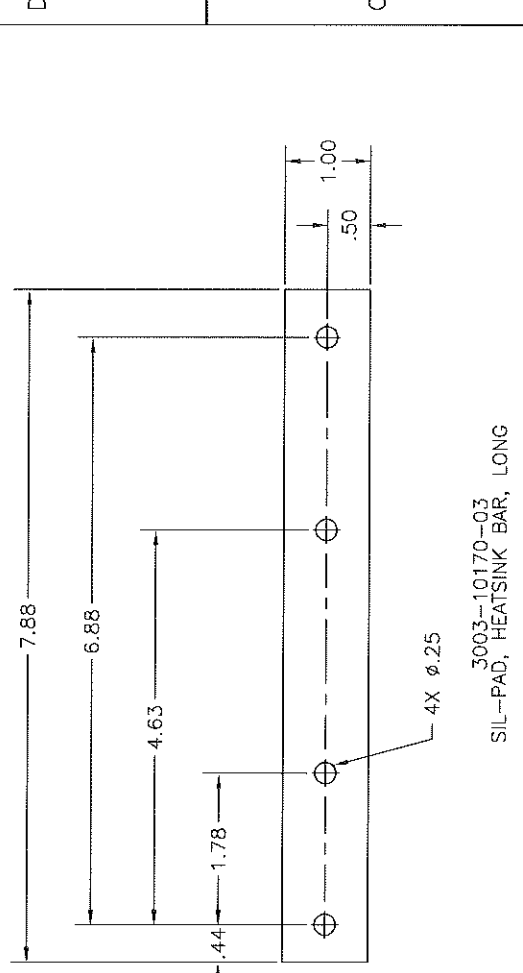


3M





REV	ECO	DESCRIPTION	DATE	BY	APPROVED
A		RELEASED TO PRODUCTION	10/02/92	J.LAGE	J.LAGE
B0	#427	CHANGE MATERIAL TO ADHESIVE BACK	08/09/95	G.DEBARRIOS	J.LAGE
C0	#537	ADD NOTE 2; REDRAW -01 ON SEPARATE SHEET	01/29/96	BRONCO	
D0	3990	REMOVE AND INACTIVATE 3003-10170-04	04/12/06	R.PUERTOS	M.BRAUN



ITEM	PART NUMBER	QTY	DESCRIPTION	COMMENTS
SCALE	FULL			
MATERIAL	SEE NOTE 1			
FINISH	NONE			
Q&S SERVICE	ACAD12			
Q&S NUMBER	30170XX1			
PROPRIETARY U.S. GOVERNMENT WORK PROHIBITED REPRODUCTION BY ANY METHOD AND BY ANY MEANS WITHOUT PERMISSION OF THE OFFICE		PREPARED BY: R.CABRAL DATE: 09/26/91 DRAWN BY: R.CABRAL		3003-10170-05 SIL-PAD, SS RELAY
TOLERANCES UNLESS OTHERWISE SPECIFIED ARE IN INCHES FINISH ALL DIMENSIONS AND HOLE SHAPES UNLESS OTHERWISE SPECIFIED		TITLE: SIL-PAD (VARIOUS)		
FRACTION: 1/32 1 PLACE: ±.03 2 PLACE: ±.01 3 PLACE: ±.005 4 PLACE: ±.0005		SIZE: 3003-10170-XX SHEET: 1 OF 1 D0		

- NOTES:
1. MATERIAL: Q-PAD II ADHESIVE PAD
MANUFACTURER: BERQUIST
5300 EDINA INDUSTRIAL BLVD
MINNEAPOLIS, MN 55435
 2. 3003-10170-01 IS ON A SEPARATE SHEET.
 3. VENDOR DISCRETION TO LAY OUT PIECES ON SHEET FOR BEST FIT.