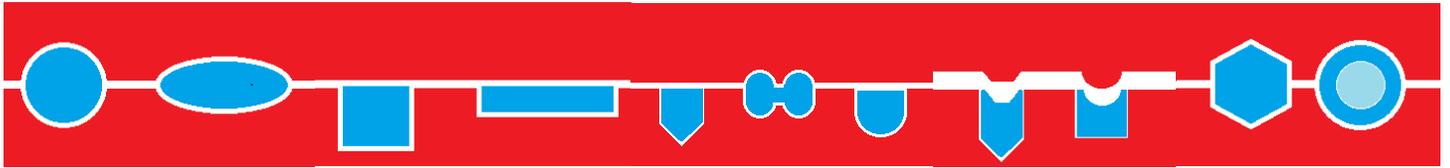


# CUSTOM SHAPED EXTRUSIONS

Our DBX & PBX Bonders are designed to accommodate custom dies for a variety of rubber extrusion cross sections.

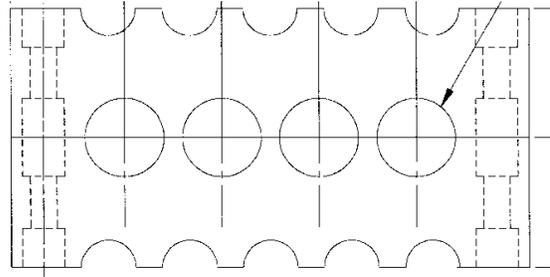


## Circles, Ovals, Squares, Rectangles, Chevrons, Radiused, Tubing and more...

Just send us the prints for your special (non-standard) cross sections so that we may quote you on the special die sets that would be required.

PBX Die sets can also be designed to accommodate multiple parts with duplicate die cavities for faster throughput or reversible die sets for greater efficiency & cost savings.

*The drawing shown on the right is a reversible PBX die set with 2 different outside diameter sizes. This die was designed with (5) cavities for Part A and (4) cavities for Part B.*



## Bonding Complexity

Solid Cord Stock Extrusions are the easiest to bond. Standard die sets are available for .070, .103, .139, .210, .275, .312, .375 & .500 Diameters for all of our Bonders (EB, DB, DBX, & PBX).



Custom Tubular Extrusions with thick walls are easy to bond. Use our PB700A or the PB800D Bonders.



On Custom Extrusions with thick walls it is recommended that corners cord stock cross sections be designed with large radii to allow adhesive to be evenly distributed. Double adhesive coating may be necessary. Fairly easy to bond. Use our PB700A or the PB800D Bonders.



Extrusion with thin walls (.125 or less) or sharp corners are difficult to bond. After the first bonding cycle is completed a second coat of adhesive may need to be applied to any present gaps. Use our PB700A or the PB800D Bonders.



Bonding O-Ring Cord Stock with .070 or smaller cross sections can be challenging to align properly in the die set cavity. This is because smaller diameter cord stock tends to be more flexible therefore making it harder to hold straight before the top portion of the die set is lowered on the two ends of the cord stock that is being positioned in the bottom portion of the die set.

