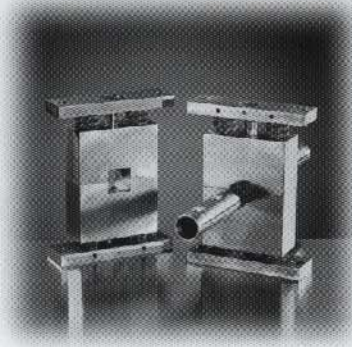
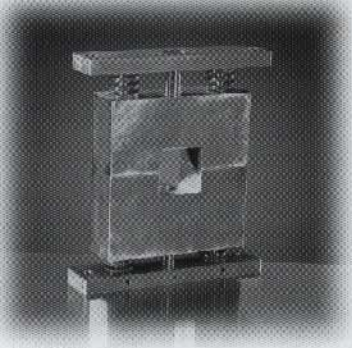


**For hole punching
in round or shaped tubes.**

TP Series



TP 1 1/4 Unit

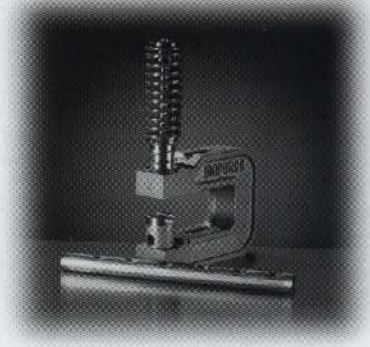


TP 2 3/8 Unit

TP 1 1/4 & TP 2 3/8 Units

These units provide two sided punching in round or square tubes. Each assembly top and bottom contains a Punch to pierce two holes in-line on each side of the tube.

The tubing is supported on all sides during punching. If only one hole is desired, the removal of the bottom Punch accommodates this option. The Units require upper and lower Templates. One template is attached to the Ram of the Press, the other to the bed. A tube is placed into the lower assembly, the Ram is then lowered for line up adjustment, and the units are then secured to the Templates and are ready to punch holes. Due to lack of Die, unsupported tubes distort when punched.



TP-2 Units

This self contained 'C' Frame Unit utilizes pilot pins in the bottom of the holder for mounting on 1/2" thick Templates with nothing attached to the Press Ram. The tubing is supported on all sides during punching. The Units provide straight-through holes with one punch. The top hole has distortion, which varies depending upon Punch size, tube OD, wall thickness and material type. The bottom hole is punched into a die, providing minimal distortion.

ADDITIONAL PRODUCT