



# STEEL ROLLER DIES

## Permanent, continuous marking of web or extruded materials.

Pannier's steel roller dies are designed and produced to your specifications. Roller dies are used to indent mark all types of metals, hard plastics, rubber, and other products. They require less marking force than other indenting methods because only a fraction of the message is indented at one time.

Data on the dies may range from simple letters, numbers and symbols to complex and extremely accurate graduations that give dimensions or other information. Characters can be engraved or inserted so that they mark horizontally or vertically on the material. Several character styles and fonts are available for special marking needs, such as concave characters – shown at right – for marking curved shapes.



### Engraved Dies

Engraved roller dies are used for continuously marking flat sheets, billets and round or hexagonal bar stock and tubular shapes. They can be made with one, two, three or more lines. Common sizes are from 6" to 12" circumference with a 3/4" bore. Other sizes are also available.



### Sandwich Style Roller Dies

Illustrated above and below are two types of sandwich style roller dies. These roller dies use interchangeable type that may be continuous segments, individual pieces, or a combination of both. The outer ring or holding plates lock the type into position.



### Bare Wire Marking Dies

Pannier hardened steel roller dies are used for permanently marking copper, aluminum, steel and other metal wire from 1/16" to 1/4" diameter.



### Concave Roller Dies

Concave roller dies are designed for marking tubing and other round stock. They are fitted with interchangeable one-piece curved dies which are held in place by set screws. Extra inserts may be ordered to fit each die.

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