



# Orion PTS

PRECISION TESTING SOLUTIONS

## OR-TSCD

### Test Sample Cutting Die

V1.01

Introducing a brand new range of materials testing equipment from **Orion-PTS**. The Test Sample Cutting Dies offer simplicity for producing a variety of test sample shapes to meet International Test Standards for example, ASTM D412, D638, ISO 527 and many more from materials such as Plastics (including pipe), Rubbers, Fabrics, Foils, Films and Papers.

These cutters are Ideal for laboratories and workshops to produce test samples very quickly and efficiently and are complimentary to the range of Cutting Presses offered by **Orion PTS** which are available in Manually Operated or Electro-Pneumatic variants. Cutters are manufactured and supplied to any International Test Standard or can be manufactured to customers specific requirements.

Manufactured from high quality press tool grade carbon steel the cutters are EDM machined for accurate tolerancing, heat treated and diamond lapped on each of the cutting edges to increase wear resistance and tool life.

Cutting dies are fitted with a 25mm dia fixing arbor as standard . Non standard arbors can also be fitted to meet customers specific requirements so the cutters fit into other manufacturers equipment. Also supplied as standard is a spring loaded ejection system which not only ejects the sample after being cut but also protects the cutting edge and users hands when handling the dies.

If required the cutting dies can also be supplied without the fitted ejection system to meet customers specific applications.



#### Specifications

- Robust Test Sample Cutting Dies
- Manufactured to International Testing Standards such as ASTM, ISO, DIN, and JISK amongst others
- Manufactured from high quality press tool grade steel
- EDM machined for accurate tolerancing
- Diamond lapped cutting edges
- Spring Loaded Ejection System for easy automatic sample ejection and cutter edge protection
- Standard Arbor 25mm Dia
- Ideal for cutting soft plastics, rubbers, films, foils and papers
- Certificate of conformity supplied

#### Options

- Non Standard arbors to suit customers requirements.