# PNEUMATIC DIE CUTTER

TECHNICAL DATASHEET

SAMPLE PREPARATION OF RUBBER AND PLASTIC MATERIAL

To obtain standardized specimens, the die cutter shall be equipped with appropriate cutting die(s) corresponding in shape, dimensions and tolerances to request as indicated in reference Standards.

Test material, typically in sheet form, is placed onto the sample plate, then pneumatic punching is activated by two-buttons pushing until the cutting of the specimen is completed.

When using cutting dies provided with ejector, sample is automatically ejected.

## MAIN SPECIFICATION:

- Dimensions of the sample holder plate (WxD): mm 320 x 200
- Force on the die head axis: 55 kN (with 6 bar air pressure)
- Max cutting thickness: approx. mm 16
- Max stroke of the die head: mm 30
- Max useful clearance between die head and sample plate: mm 70
- Grounded worktop screwed in the mainframe, interchangeable with worktops having different sizes
- Adjustable die head support, suitable for 25 mm dia. connections; smaller connections may be inserted with spacers, available on request.
- 2-push-button control positioned under the worktop, easy to reach and dust-free design
- Safety: cutting operations are possible only by simultaneously pressing the two side push-buttons
- Plastic cover for worktop included
- Overall dimensions (WxDxH): mm 500x370x510
- Weight: approx. 130 Kg
- Supply: 6 bar industrial air




| Code | Description |
|---|---|
| 10019000 | Pneumatic die cutter |
| 10019203 | Die cutter ASTM D 412 type C |
| 10019467 | Die Cutter IS0 34 type 1 |

## DIE CUTTERS

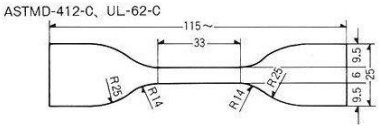
**These ASTM and ISO test methods cover procedures used to evaluate the tensile (tension) properties of vulcanized thermoset rubbers and thermoplastic elastomers.**



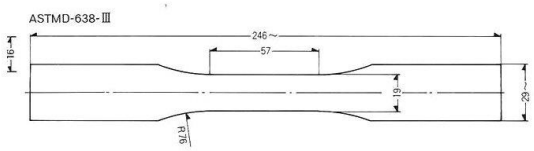
**Material: hardened steel**

**Examples:**
**ASTM D 412 and ISO 34-1-**

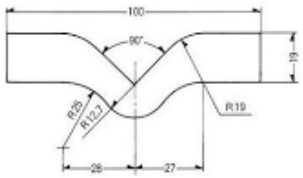
ASTM D412 Type C、DIN 53504-S1




ASTM D638 Type Ⅲ




JIS K6252 , ISO 34-1 type angle without nick
JIS K6400-5-4 etc.




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