

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:

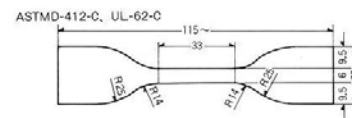
- Dimensions of the sample holder plate (WxD): mm 320 x 200
- Force on the die head axis: 55 kN (with 6 bar air pressure)
- Max cutting thickness: approx. mm 16
- Max stroke of the die head: mm 30
- Max useful clearance between die head and sample plate: mm 70
- Grounded worktop screwed in the mainframe, 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

**DIE CUTTERS
ASTM D412
ISO 37-2**



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

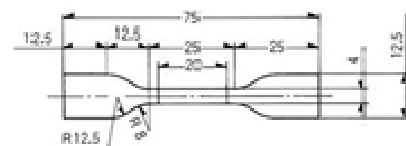
ASTM D412 Type C, DIN 53504-S1



ISO 37 Type 2 dumbbells are cut from a 2mm thick moulded sheet.

JIS K6251-6, ISO 37-2, DIN 53504-S2

JIS K7162-5A, ISO 527-2-5A, BS 6746(L), IEC 540(L) etc.



Material : hardened steel

We manufacture several dies, are complies to International Standards and special shapes on request.



Code	Description
10019000	Pneumatic die cutter
10019203	Die cutter ASTM D 412 type C
10019410	Die Cutter ISO 37 type 2