Elongation Bar

RANGE Ø 0.006 ▸ 0.50 mm

Ø CASINGS: 25 UP TO 28 MM
CASING THICKNESS : 12 MM MAX
DYNAMIC ELONGATION CONTROL

Main features

- Mobile die holder (A) on longitudinal rail
- Fixed wire holder clamp (B) (1.0 m) for the wire to be elongated
- Straight guidance rail
- Wire marking pin (C) at 1.00 m
- Graduated ruler
- **Maximum elongation 30%**

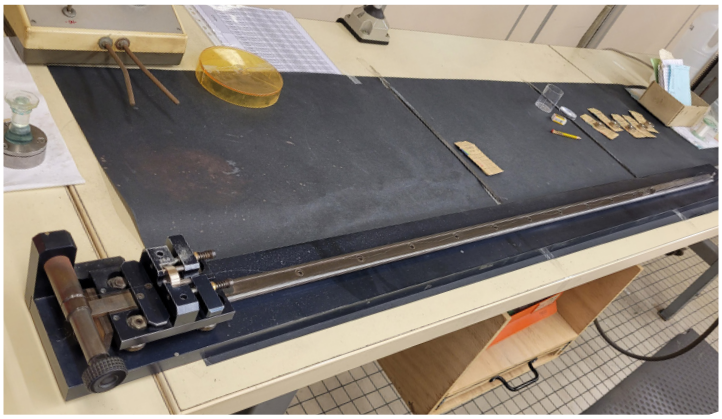
Benefits

- Smooth unidirectional control on 1.0 m
- Wire marking reproducibility
- Measurement accuracy by direct reading
  - Ex : On a Ø 25 µm die, 0.1µm diameter difference represents 8 mm on the graduated ruler.
- Robust and reliable design
- Reduces the risks of wire breakage

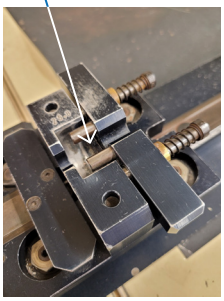
The dynamic elongation is the most reliable method to control small diameters dies sequences (particularly Ø <0.2 mm).

This method allows the validation of the match between the dies and the machine kinematics.

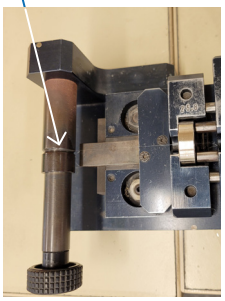
The elongation bar use is particularly recommended for multiwire machines dies to avoid wire breakages risks upon machine start.



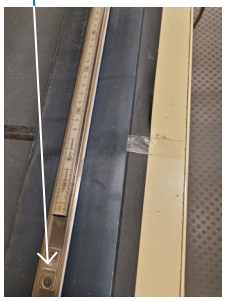
(A)



(B)



(C)



BALLOFFET

- High accuracy
- BALLOFFET consulting
- Ease and comfortable use
- Fine wires drawing conditions optimisation
- BALLOFFET training possible
- Excellent return on investment
- Specifics holders in option
- Ergonomic design ...

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