

DIES Ø 0.8 ▶ 15 mm

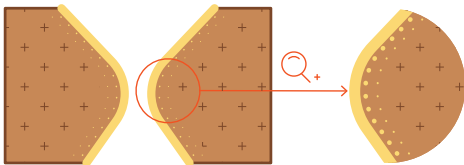
DRAWING DIES
DIAMOND COATING
LOW - HIGH CARBON STEEL
WELDING WIRE

Main characteristics

- Coating hardness ± 10000 Hv
- Coating thickness 30μ at radius
- Nanocrystalline diamond coating
- In-depth coating penetration into the blank
- Mirror-polish surface finish
- Tolerances $\varnothing \pm 5\mu$

Advantages

- Compatible with all steels (low-high carbon, stainless-steel, heating wire)
- Very good wear resistance
- Diameter stability - Material savings
- Low friction
- Reduction of machine downtimes and maintenance costs
- Lifespan x15 mini / carbide
- Increased drawing speed
- Any type of lubricant (oil, soap, grease)



The nano-coated dies **DIAMCOAT™** positively replace carbide dies for steel wire drawing. They are much more resistant to wear, thanks to the nano-diamond layer thickness and its mirror-polish surface finish. They allow to increase the wire drawing speeds, maximising raw materials savings, for productivity gains.



BALLOFFET

- Diamond coating thickness 30μ
- No modification on your machines or casings
- Geometries according to your drawing parameters
- Advice and technical assistance
- Custom-made casings
- Shaped dies
- Any material (steels, stainless steel ...)

