

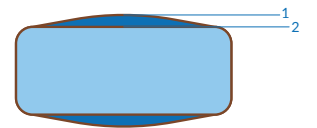
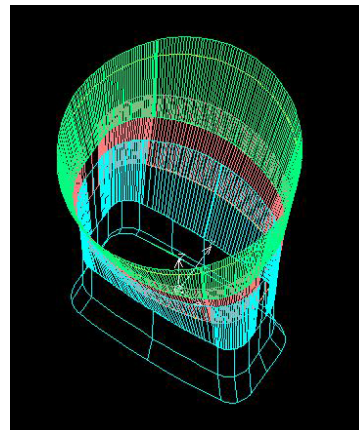
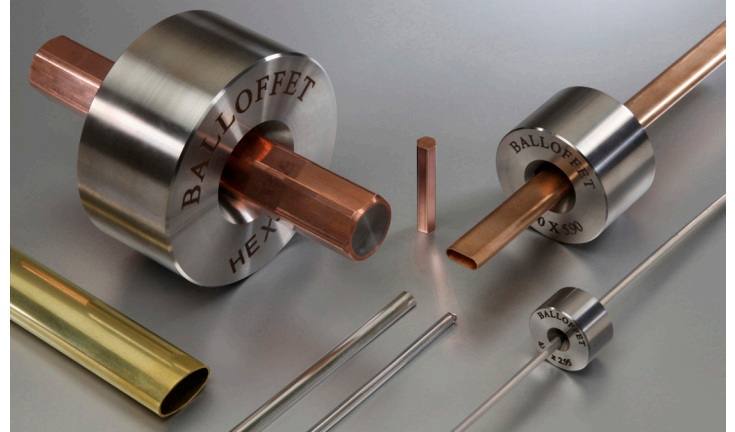
DIMENSIONS 0.020 ▶ 30 mm

- SHAPED WIRES, BARS, TUBES AND CABLES
- ANY SHAPE
- ANY METAL TYPE AND ALLOY
- NATURAL / SYNTHETIC / PCD DIAMOND

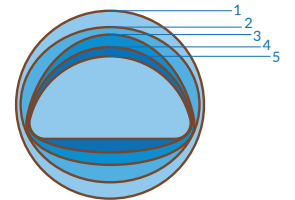
Main features

- Tight tolerances - High accuracy
- Ultra-reduced radius (< 10 μm)
- Mirror-polish surface finish
- Diamond selection according to the application
- From round or shaped section
- Geometry based on inlet shape and metal type

BALLOFFET shaped dies can complete or replace your rolling process, in order to obtain an increased accuracy and a perfect surface finish for your profile.



From a shape to another shape



From a round wire to a shape

Technical specifications

Standard dimension limits	Monocrystalline diamond	Polycrystalline diamond
Minimum dimension	0.020 mm	0.50 mm
Maximum dimension	1.00 mm	30 mm
Minimum radius	< 10 μm	50 μm
Standard tolerance	2 ▶ 5 μm	5 ▶ 10 μm

BALLOFFET

- Personalized feasibility study - Technical advice
- Dies sequence and deformation calculation by BALLOFFET
- Specific design for enamelled shaped wires
- Dedicated geometry according to inlet wire
- Control reports on wire / 3D / Quickscope
- Custom marking and casing
- Long lifespan
- Quick return on investment

