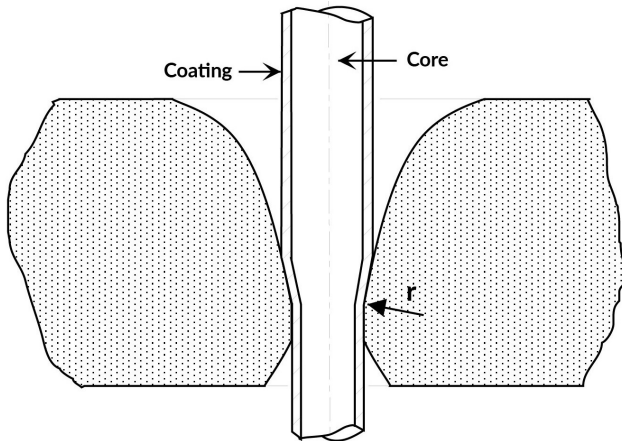


ANY KIND OF WIRE
ANY KIND OF COATING
NATURAL / SYNTHETIC / PCD DIAMOND

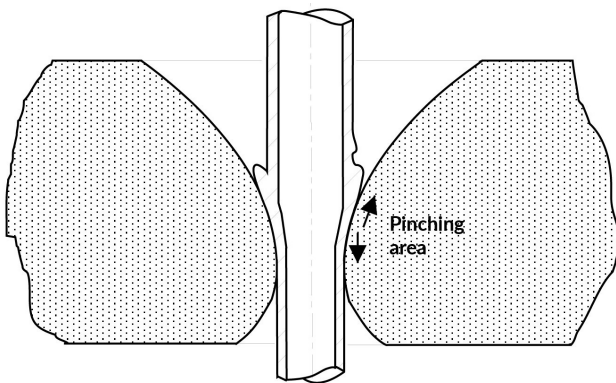
The coated wire drawing process requires specific dies, which allow to keep the coating quantity and regularity under control. Thanks to their specially dedicated profile, the BALLOFFET dies guarantee this balance.

BALLOFFET Profile



- The internal profile must be geometric enough, in order to draw the wire core and the coating in a uniform soft way.
- This internal profile avoids the «sock effect», meaning the coating layer stretching.

Profile to avoid



- When the wire reduction is made on a too rounded profile, only the wire core will be drawn.
- The coating will be pinched and create a «sock effect» while accumulating at the die entrance.

Tin coated copper wire drawing on multiline machine

- Better use natural diamond in order to secure a perfect surface finish of the tin coated wire
- Adapted profile on all dies
- Specifications depending on final diameter
- Repeatability from one die to another
- Tin saving
- Tin coating thickness and regularity guaranteed
- No damage on the coating structure

Main applications

- Copper coated steel
- Silver coated steel
- Tin coated copper
- Galvanized steel
- Zinc coated copper
- Nickel coated copper
- Palladium coated copper
- ...

BALLOFFET

- Customized study depending on wire and coating type
- Specific profile maintained during refurbishing process
- Checking and upgrade of your existing dies profile
- Tight tolerances - Casing on demand
- Elongation control on demand

