High performance tungsten carbide drawing dies allow wire drawing companies to meet quality, uptime and speed standards.

Wire drawing dies are commonly used to reduce the diameter of various ferrous and non-ferrous rods and wires. Applications include various grades of low, medium and high carbon steels, steel alloys, stainless steel, welding wire as well as various non-ferrous rods and wires.

Esteves Group tungsten carbide drawing dies (TC dies) give the wire manufacturer the ability to maintain uniform wire roundness, minimizing material usage and scrap.

Tungsten carbide dies are an excellent option for manufacturing ferrous rod-size wires. They are also ideal for short trial runs. Esteves Group TC drawing dies are manufactured with a mirror polish and a smooth wire entry to ensure optimal die life and string-up.

Esteves Group offers a complete line of TC drawing dies for rod-size wire down to medium-size wire.
Key Features

- Usable for dry and wet draw
- Available in any casing size
- Various carbide grades available

Benefits

- Ideal for ferrous rod-size wire
- Ideal for short and trial runs
- Wire remains round, even with significant wear
- Carbide grade tailored to wire material when required
- Predictable cast & helix

TC Wire Drawing Die

Standard Tolerances

<table>
<thead>
<tr>
<th>Metric tolerances (mm)</th>
<th>Diameter</th>
<th>Tolerance</th>
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</thead>
<tbody>
<tr>
<td>≥ 0.800</td>
<td>+0 / -0.0150</td>
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Tighter tolerances are available when required

Detailed technical specifications available on request. Names, pictures, and specifications of all products subject to change without further notice. © Esteves Group, 2019 - 03 - EU

More drawing die types, cabling tooling, and extrusion tools are available. Please contact Esteves Group for a quotation for your wire and cable tooling. 

Drawing, and cabling tooling below:
- PCD dies
- SSCD dies
- ND dies
- Shape dies
- Bunching and stranding dies

front and back side...