

## TECHNICAL DATA SHEET

### Ref. 1004 MULTI-STAINLESS COBALT UNIVERSAL DRILL BIT



Article: 34070 – D. 12,00 mm

**Manufacturing standard:** Complies with DIN 338W

**Drill bit material:** HSSE high-speed steel (5% Co)

**Cutting diameter:** 12,0 mm

**Cutting length:** 101 mm

**Total length:** 151 mm

**Shank:** 3-flat  $\geq \varnothing 4$

**Point angle:** 135°

**Sharpening:** Split point DIN 1412 C  $\geq 2$  mm.

**Helix angle:** 40°

**Cutting diameter tolerance:** h8

**Tool finishing:** Blue + gold finish  $\geq 3$  mm

**Characteristic:**

- Special portable drilling machine.
- Good centering on curved surfaces and less cutting effort.
- 40° helix for excellent chip evacuation, faster and more stable drilling and precise holes to the last use.
- 3-flat for optimal grip (less effort). Prevents the drill bit from slipping.

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### Field of application:

- Structural steels, case-hardening steels, unalloyed carbon steels, and heat-treated steels, with a tensile strength of less than 850 N/mm<sup>2</sup>.
- Ferritic-martensitic stainless steels with a tensile strength of less than 11005 N/mm<sup>2</sup>.
- Austenitic stainless steels with a tensile strength of less than 850 N/mm<sup>2</sup>.
- Short and long chip copper, bronze and brass with a tensile strength of less than 700 N/mm<sup>2</sup>.
- Unalloyed Al-Mg, with a tensile strength of less than 350 N/mm<sup>2</sup>.
- Al-Si alloys with a tensile strength of less than 600 N/mm<sup>2</sup>.

**Presentation:** 1 unit.