

# 11452070002 | 26 pieces - 25 fully ground HSS metal drill bit - Split point Ø 2 to 13 mm + 1 HSS countersinker Ø 16.5 mm

Drill bit for the drilling of steels and cast irons, thanks to its self-centring sharpening.

- Especially for steels and aluminiums
- Rapid drilling
- Versatile use

- Automatic centring
- Cylindrical shank
- 30° type N flute
- High-speed steel
- 118° tip

25 metal drill bits Ø 2 - 2.5 - 3 - 3.3 - 3.5 - 4 - 4 - 4.2 - 4.5 - 5 - 5 - 5.5 - 6 - 6.5 - 6.8 - 7 - 7.5 - 8 - 8.5 - 9 - 10 - 11 - 12 - 13 mm + 1 countersinking bit Ø 16,5mm - RANGER Case



## Machine



## Application



Metal

Aluminum

## Features



## Properties and benefits

- + Split-point grinding:reduction of the drill tip. ➡ Enables the simple self-centring of the drill bit on the smoothest of surfaces. Significantly reduces the required axial load.
- + Cylindrical shank: the diameter of the shank is equal to the diameter of the tip. ➡ Enables versatile use on portable electrical tools and CNC machine tools.
- + 30° type N flute: normal flute profile with a 30° helix angle. ➡ Suitable for general use. Provides good rigidity to the tool, as well as excellent drilling precision.
- + High-speed steel: HSS substrate ➡ For general use in steels and cast irons up to 950 N/mm<sup>2</sup>
- + 118° tip: 118° tip angle for the sharpening of the drill bit. ➡ Suitable for general use in materials with long shavings. Enables the rapid attack of the material and simple centring.

## Données de gestion :

PCB : 1 / Kilogram. : 0,930 / Dimensions : 0205x0135x0050 mm / EAN : 3221912205179