

# 11457070015 | 19 HSS metal dril bit Grinding Tivoly Smart Point Ø 1 to 10mm

Powerful drill bit for progressive drilling of resistant steels, aluminium, plastics and composites, wood and derivatives, suitable for complex surfaces and for use in portable power tools.



- Progressive drilling at entry and exit
- Burr-free drilling
- Allows the enlargement of existing holes
- No slipping on curved surfaces
- Minimum vibrations
- Automatic centring
- Tri-flat shank
- High-speed steel

Ø 1- 1,5- 2- 2,5- 3- 3,5- 4- 4,5- 5- 5,5- 6- 6,5- 7- 7,5- 8- 8,5- 9- 9,5- 10mm -TIVOLY BOX





#### Machine







### **Application**















**Features** 

























## **Properties and benefits**

- 🕂 Split-point grinding:reduction of the drill tip. 오 Enables the simple self-centring of the drill bit on the smoothest of surfaces. Significantly reduces the requried axial load.
- Tri-flat shank: cylindrical shank with 3x 120° flats, for 3-piece drill chucks. December Enables maximum torque transmission Prevents the rotation of the bit in the chuck. Specially adapted for through-holes.
- + High-speed steel: HSS substrate 
   For general use in steels and cast irons up to 950 N/mm²

#### Données de gestion :

PCB: 1 / Kilogram.: 0,540 / Dimensions: 0180x0140x0043 mm / EAN: 3221912344489