

## TIVOLY 11457070017 | 25 HSS metal drill bit Grinding Tivoly Smart Point Ø 1 to 13 mm

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- 9,5-10- 10,5- 11- 11,5- 12- 12,5- 13mm -TIVOLY BOX



Machine	Application
	K2-Gray Cast ironK3- Nolular and GS Cast ironN1- NI- NI- NIONO3- PLASTICSP1- P1- Unrealized steelsP2- P2- Weakly allied steelsWood
Features	
HSS BRIGHT UNCOATED DIN 338	TIVOLY SMART POINT THE TYPE STATE ST
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. 🗢 Enables maximum torque transmission Prevents the rotation of the bit in the chuck. Specially adapted for through-holes.
- + High-speed steel: HSS substrate S For general use in steels and cast irons up to 950 N/mm<sup>2</sup>

Données de gestion :

PCB: 1 / Kilogram.: 1,080 / Dimensions: 0180x0170x0060 mm / EAN: 3221912344496