## TIVOLY 11438770002 | 3 TiAIN coated HSS step drill bits Ø 4 to 37 mm

High-performance drill bit for incredibly fast and intensive drilling of high-strength steels, thanks to its geometry and its TiAIN coating.

- Especially for fine high-strength steel sheets
- Maximum long life
- Incredibly fast drilling
- Optimal chip removal
- Anti-rotation attachment



- Automatic centring
- Tri-flat shank
- High-speed steel
- TiAlN coating

Ø 4 to 12 - 4 to 20 - 6 to 37 mm Plastic Case

Machine	Application
	N1- Aluminum PLASTICS P1- P1- Weakly P3- Billoy steels
Features	alloy steels allied steels
HSS TIAIN TIVOLY NORM	
Properties and benefits	
<ul> <li>Split-point grinding:reduction of the drill tip. Senables the simple self-centring of the drill bit on the smoothest of surfaces. Significantly reduces the requried axial load.</li> <li>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.</li> </ul>	

- of the bit in the chuck. Specially adapted for through-holes.
   High-speed steel: HSS substrate So For general use in steels and cast irons up to 950 N/mm<sup>2</sup>
- TiAlN coating: TiAlN base, thickness 2/4µm, hardness 3000HV, coefficient of friction 0.4, heat resistance 900°C. Thermal shield. Allows you to increase service life, cutting speed, and progress. Reduces the axial load. Versatile uses.

## Données de gestion :

PCB: 1 / Kilogram.: 0,372 / Dimensions: 0130x0075x0075 mm / EAN: 3221910780517