

1144872 | Step taper drill HSS-E5 (Cobalt 5%) -TiAlN coated -TivolyNorm -Helical -Cross point -3-flat shank

High-performance drill for high-speed, heavy-duty drilling of high-strength and stainless steel sheets. TiAlN coating increases tool life and reduces cutting forces.



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

- Automatic centring
- Tri-flat shank
- 5% cobalt HSS
- TiAlN coating



Machine



Application



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.
- + 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.
- + 5% cobalt high-speed steel: HSS substrate enriched with 5% cobalt. Improved heat retention (strength, cutting sharpness) ➡ For general use in metals up to 1200 N/mm².
- + 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.

Sets



3 TiAlN coated HSS -E5 (Cobalt 5%) step drill bits Ø 4 to 30 mm
3 TiAlN coated HSS -E5 (Cobalt 5%) step drill bits Ø 4 to 37 mm





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|-------------|---------------|----|---|----|-----|----|
| 11448720412 | 3221910843250 | 12 | 4 | 6 | 65 | 42 |
| 11448720420 | 3221910843267 | 20 | 4 | 8 | 75 | 52 |
| 11448720430 | 3221910843274 | 30 | 4 | 10 | 100 | 77 |
| 11448720637 | 3221910843281 | 37 | 6 | 10 | 100 | 77 |