

# 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.



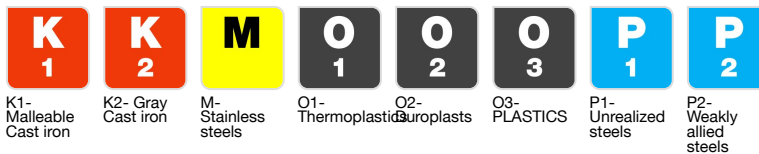
- Especially for fine stainless steel sheets
- Maximum long life
- Incredibly fast drilling
- Optimal chip removal
- Anti-rotation attachment
- Automatic centring
- Tri-flat shank
- 5% cobalt HSS
- TiAlN coating



## 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.



Item number M3	EAN (13 digits) M3	Drill diameter Ø	Drill diameter d3	Handle diameter or CM	Total length	Trimmed leng
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