

# 1143862 | HSS progressive conical drill bit -TivolyNorm -Split point

High-performance drill bit for the drilling and gradual widening of bores in sheet metal, thanks to its smooth profile and self-centring cut.



- Especially for fine high-strength steel sheets
- Superior long life
- Precise drilling
  
- Automatic centring
- Cylindrical shank
- High-speed steel



### Machine



### Application

<b>K</b> 1	<b>K</b> 2	<b>P</b> 1	<b>P</b> 2
K1- Malleable Cast iron	K2- Gray Cast iron	P1- Unrealized steels	P2- Weakly allied steels

### 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.
- + Cylindrical shank: the diameter of the shank is equal to the diameter of the tip. ➡ Enables versatile use on portable electrical tools and CNC machine tools.
- + High-speed steel: HSS substrate ➡ For general use in steels and cast irons up to 950 N/mm<sup>2</sup>



Item number M3	EAN (13 digits)	M3	Drill diameter Ø	Drill diameter d3	Handle diameter or CM	Total length	Trimmed leng
11438620314	3221910223038		14	3	6	58	35
11438620520	3221910223045		20	5	8	71	48
11438620531	3221910223052		31	5	8	103	80
11438621630	3221910223069		30.5	16	9	76	53
11438622440	3221910223076		40	24	10	89	66