

**1141501 | HSS stepped metal drill 90° bit -STEAM treatment -DIN8374 -Medium**

High-performance 90° stepped, ground, double listel drill bit for drilling and milling metals in one operation. Medium.



- Especially for high-strength steels, stainless steels and cast irons
- Tough
- Precise drilling
  
- Cut double margin
- High-speed steel
- STEAM treatment

**Machine**



**Application**

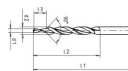
<b>K</b> 1	<b>N</b> 1	<b>N</b> 3	<b>O</b> 1	<b>O</b> 2	<b>O</b> 3	<b>P</b> 1	<b>P</b> 2
K1- Malleable Cast iron	N1- Aluminum alloy	N3- Copper alloy	O1- Thermoplastic	O2- Epoxyplasts	O3- PLASTICS	P1- Unrealized steels	P2- Weakly alloyed steels

**Features**



**Properties and benefits**

- + Cut double margin : Cylindrical portion for guiding the lip. ➡ Allows for better tool guidance and chip evacuation.
- + High-speed steel: HSS substrate ➡ For general use in steels and cast irons up to 950 N/mm<sup>2</sup>
- + STEAM treatment : Steam oxidation treatment. ➡ Avoids cold bonding. Reduced coefficient of friction in steels.



Item number	M3 EAN (13 digits)	M3 Drill diameter Ø	Drill diameter d3	Handle diameter or CM	Total length	Trimmed length
11415016613	3221912290878	6.6	13	13	151	101
11415019172	3221912290885	9	17.2	17.2	191	130
11415015511	3221912292094	5.5	11	11	142	94