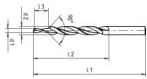


**1141531 | HSS stepped metal drill bit 90° -STEAM treatment -DIN8378 -Medium**

High performance 90° stepped, ground, double listel drill bit for drilling and milling metals in one operation. Pilot diameter to thread size. Medium.



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



**Machine**



**Application**

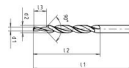
<b>K</b> 1	<b>N</b> 1	<b>N</b> 3	<b>O</b> 1	<b>O</b> 2	<b>O</b> 3	<b>P</b> 1	<b>P</b> 2
K1- Malleable Cast iron	N1- Aluminum alloy	N3- Copper alloy	O1- Thermoplastid	O2- Europlasts	O3- PLASTICS	P1- Unrealized steels	P2- Weakly allied steels

**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 leng
11415312534	3221912291011	2.5	3.4	3.4	70	39
11415313345	3221912291028	3.3	4.5	4.5	80	47
11415314255	3221912291035	4.2	5.5	5.5	93	57
11415315066	3221912291059	5	6.6	6.6	101	63
11415316890	3221912291066	6.8	9	9	125	81
11415318511	3221912291073	8.5	11	11	142	94
1141531102135	3221912292131	10.2	13.5	13.5	160	108