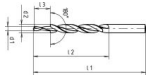


**1141521 | HSS stepped metal drill bit 180° -STEAM treatment -DIN8376 -Medium**

High-performance 180° 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**

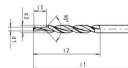
<b>K</b> 1	<b>N</b> 1	<b>N</b> 3	<b>O</b> 1	<b>O</b> 2	<b>O</b> 3	<b>P</b> 1	<b>P</b> 2
K1- Malleable Cast iron	N1- Aluminum alloy	N3- Copper alloy	O1- Thermoplastid	O2- Europlasts	O3- PLASTICS	P1- Unrealized steels	P2- Weakly allied steels

**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
11415211118	3221912291004	11	18	18	191	130
11415213460	3221912290953	3.4	6	6	93	57
11415214580	3221912290960	4.5	8	8	117	75
11415215510	3221912290977	5.5	10	10	133	87
11415216611	3221912290984	6.6	11	11	142	94
11415210915	3221912292124	9	15	15	169	114