

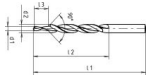
1141511 | HSS stepped metal drill bit 90° -STEAM treatment -DIN8374 -Fine

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



- Especially for high-strength steels, stainless steels and cast irons
- Tough
- Precise drilling

- Cut double margin
- High-speed steel
- STEAM treatment



Machine



Application

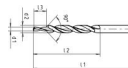
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|--------------------|------------------------------|---------------------------------|--------------------|------------------|---------------|-----------------------|--------------------------|-------------------------|
| K 2 | K 3 | M 1 | N 1 | N 3 | O 3 | P 1 | P 2 | P 3 |
| K2- Gray Cast iron | K3- Nodular and GS Cast iron | M1- austenitic stainless steels | N1- Aluminum alloy | N3- Copper alloy | O3- PLASTICS | P1- Unrealized steels | P2- Weakly allied steels | P3- strong alloy 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/mm²
- + 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 |
|----------------|--------------------|------------------|-------------------|-----------------------|--------------|----------------|
| 11415113260 | 3221912290892 | 3.2 | 6 | 6 | 93 | 57 |
| 11415114380 | 3221912290908 | 4.3 | 8 | 8 | 117 | 75 |
| 11415115310 | 3221912290915 | 5.3 | 10 | 10 | 133 | 87 |
| 114151164115 | 3221912290922 | 6.4 | 11.5 | 11.5 | 142 | 94 |
| 11415118415 | 3221912290939 | 8.4 | 15 | 15 | 169 | 114 |
| 114151110519 | 3221912290946 | 10.5 | 19 | 19 | 198 | 135 |