

Large diameter laminated drill bit for drilling common metals, occasional use.



- Especially for soft steels and plastics
- Economical drill bit
- Conventional point
- Reduced shank
- 30° type N flute
- High-speed steel
- 118° tip

**Machine**

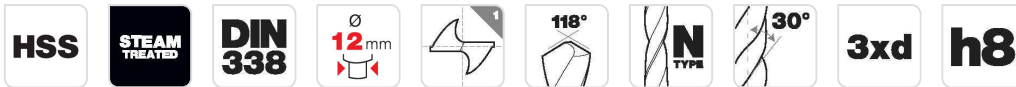


**Application**



P1-  
Unrealized  
steels

**Features**



**Properties and benefits**

- + Conventional grinding: with a standard point sharpening ➡ Simple and robust, for versatile use. Enables good hole precision and wear resistance.
- + Reduced shank: shank diameter reduced to a diameter of less than 12 mm. ➡ Enables the mounting of large-diameter drill bits onto 12 mm chucks.
- + 30° type N flute: normal flute profile with a 30° helix angle. ➡ Suitable for general use. Provides good rigidity to the tool, as well as excellent drilling precision.
- + High-speed steel: HSS substrate ➡ For general use in steels and cast irons up to 950 N/mm<sup>2</sup>
- + 118° tip: 118° tip angle for the sharpening of the drill bit. ➡ Suitable for general use in materials with long shavings. Enables the rapid attack of the material and simple centring.



Code	EAN	Ø	d2/CM	L	l	lu	QTY	PCB
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90200211350	3221910102234	13.5	12	160	108	1	5	
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90200211850	3221910102333	18.5	12	198	135	1	1	
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