

Garant
Slot drill, uncoated, Ø e8 DC: 19mm

Order data

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| Order number | 191080 19 |
| GTIN | 4045197100252 |
| Item class | 11W |

Description
Version:

Dimensions to **DIN 844 long**.

Cutting length to **DIN 844 short**.

Centre cutting edge geometry for plunging.

Application:

For milling **keyways** (slots) or pockets from the centre of the component.

Technical description

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| Feed f_z for slot milling in steel < 750 N/mm ² | 0.05 mm |
| Cutting edge Ø D_c | 19 mm |
| Number of effective teeth Z (peripheral side) | 2 |
| Shank Ø D_s | 20 mm |
| Flute length L_c | 38 mm |
| Overall length L | 141 mm |
| Coating | uncoated |
| Tool material | HSS Co 8 |
| Standard | DIN 844 B |
| Type | N |
| Tolerance nominal Ø | e8 |
| Helix angle | 30 degrees |

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|----------------------|----------------------------------|
| Direction of infeed | horizontal, oblique and vertical |
| Shank | DIN 1835 B to h6 |
| Through-coolant | no |
| Shank tolerance | h6 |
| Corner chamfer angle | 90 degrees |
| Colour ring | without |
| Type of product | Milling cutter |

User data

| | Suitability | V _c | ISO code |
|-------------------------------|---|----------------|----------|
| Aluminium (short chipping) | suitable only under restricted conditions | 83 m/min | N |
| Steel < 500 N/mm ² | suitable | 28 m/min | P |
| Steel < 750 N/mm ² | suitable | 25 m/min | P |
| Steel < 900 N/mm ² | suitable only under restricted conditions | 23 m/min | P |
| GG(G) | suitable only under restricted conditions | 23 m/min | K |
| CuZn | suitable only under restricted conditions | 55 m/min | N |
| wet maximum | suitable | | |