

**Garant**
**Slot drill, uncoated, Ø e8 DC: 13mm**

**Order data**

Order number	191080 13
GTIN	4045197100191
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**

Number of effective teeth Z (peripheral side)	2
Cutting edge Ø D <sub>c</sub>	13 mm
Feed f <sub>z</sub> for slot milling in steel < 750 N/mm <sup>2</sup>	0.036 mm
Shank Ø D <sub>s</sub>	12 mm
Flute length L <sub>c</sub>	26 mm
Overall length L	110 mm
Coating	uncoated
Tool material	HSS Co 8
Standard	DIN 844 B
Type	N
Tolerance nominal Ø	e8
Helix angle	30 degrees

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 <sub>c</sub>	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	83 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	28 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	25 m/min	P
Steel < 900 N/mm <sup>2</sup>	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		