

**Garant**
**Slot drills, uncoated, Ø e8 DC: 12mm**

**Order data**

Order number	191340 12
GTIN	4045197101877
Item class	11W

**Description**
**Version:**

Centre cutting teeth for plunging.

**Eccentric relief ground.**

- **Wide, precision ground chip flutes.**
- **Extremely fine workpiece surfaces due to precisely ground cutting edges.**
- **Special rake angle for aluminium.**

**Note:**

For milling keyways.

**Technical description**

No. of teeth Z	3
Feed $f_z$ for slot milling in short-chipping aluminium	0.041 mm
Cutting edge Ø $D_c$	12 mm
Shank Ø $D_s$	12 mm
Overall length L	110 mm
Flute length $L_c$	53 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 1835 B to h6
Tolerance nominal Ø	e8
Helix angle	42 degrees
Corner chamfer angle	90 degrees

Coating	uncoated
Tool material	HSS Co 8
Standard	DIN 844 B
Type	W
Through-coolant	no
Colour ring	yellow
Type of product	End / face mill

### User data

	Suitability	V <sub>c</sub>	ISO code
Aluminium (short chipping)	suitable	150 m/min	N
Alu > 10% Si	suitable only under restricted conditions	37 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	28 m/min	P
wet maximum	suitable		
wet minimum	suitable		