

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

Order number	191320 12
GTIN	4045197101747
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	83 mm
Flute length L_c	26 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 _c	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 ²	suitable	28 m/min	P
wet maximum	suitable		
wet minimum	suitable		