

## Garant

### Slot drill, uncoated, $\varnothing$ e8 DC: 6mm



#### Order data

Order number	191080 6
GTIN	4045197100085
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

Cutting edge $\varnothing D_c$	6 mm
Number of effective teeth Z (peripheral side)	2
Feed $f_z$ for slot milling in steel $< 750 \text{ N/mm}^2$	0.012 mm
Shank $\varnothing D_s$	6 mm
Flute length $L_c$	13 mm
Overall length L	68 mm
Coating	uncoated
Tool material	HSS Co 8
Standard	DIN 844 B
Type	N
Tolerance nominal $\varnothing$	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		