

**Garant**
**Solid carbide slot drill Left-hand flutes, uncoated, Ø h10 DC: 10mm**


## Order data

Order number	209305 10
GTIN	4045197859495
Item class	11X

## Description

**Version:**

 Special geometry **for machining plastic.**
**Large flutes for unobstructed swarf evacuation.**

Left-hand flutes, right-hand cutting.

**Application:**

 Especially for milling **plastics, plunging** and **contour milling.**
**Note:**
**Successor product to No. 209315.**

## Technical description

Direction of infeed	horizontal, oblique and vertical
Cutting edge Ø D <sub>c</sub>	10 mm
No. of teeth Z	1
Shank	DIN 6535 HA to h5
Feed f <sub>z</sub> for slot milling in PMMA	0.04 mm
Overhang length L <sub>1</sub> incl. recess	32 mm
Tolerance nominal Ø	h10
Shank Ø D <sub>s</sub>	10 mm
Overall length L	75 mm
Recess Ø D <sub>1</sub>	9.8 mm
Flute length L <sub>c</sub>	25 mm

Helix angle	23 degrees
Corner chamfer angle	90 degrees
Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
Cutting width $a_e$ for milling operation	Full slot cutting depth $1 \times D$
Through-coolant	no
Colour ring	yellow
Type of product	End / face mill

## User data

	Suitability	$V_c$	ISO code
Aluminium	suitable only under restricted conditions	180 m/min	N
Aluminium (short chipping)	suitable only under restricted conditions	140 m/min	N
Alu > 10% Si	suitable only under restricted conditions	105 m/min	N
PMMA acrylic	suitable	190 m/min	N
PE-HD	suitable	140 m/min	N
PA 66	suitable	160 m/min	N
PEEK	suitable	140 m/min	N
PF 31	suitable	120 m/min	N
Honeycomb sandwich	suitable only under restricted conditions	180 m/min	N
Cu	Suitable	150 m/min	N
CuZn	suitable only under restricted conditions	180 m/min	N
wet maximum	suitable		

dry	suitable only under restricted conditions
Air	suitable