

**Garant**
**Slot drill, TiAlN,  $\emptyset$ ×Length js14 DC: 5X100mm**


## Order data

Order number	190750 5X100
GTIN	4045197098740
Item class	11W

## Description

### Version:

**Special cutting edge geometry for aluminium and plastics.**

Frontal and peripheral cutting with only one cutting edge.

With **neck recess**.

Size 5×100 special water drainage slot drill.

### Application:

**For milling slots on doors and windows of aluminium or plastic using high speed special milling machines (Elu, Haffner etc.).**

## Technical description

Corner chamfer width at 45°	0.13 mm
Cutting edge $\emptyset D_c$	5 mm
No. of teeth Z	1
Shank $\emptyset D_s$	8 mm
Overall length L	100 mm
Flute length $L_c$	40 mm
Direction of infeed	horizontal, oblique and vertical
Shank	Parallel shank to h6
Tolerance nominal $\emptyset$	js14
Helix angle	30 degrees
Corner chamfer angle	45 degrees

Coating	TiAlN
Tool material	HSS Co 5
Through-coolant	no
Colour ring	without
Type of product	End / face mill

### User data

	Suitability	$V_c$	ISO code
Alu plastics	suitable	200 m/min	N
Aluminium (short chipping)	suitable	120 m/min	N
Alu > 10% Si	suitable only under restricted conditions	100 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	78 m/min	P
CuZn	suitable only under restricted conditions	90 m/min	N
wet minimum	suitable only under restricted conditions		
dry	suitable		