

**Garant**
**Slot drill, TiAlN,  $\varnothing$ ×Length js14 DC: 10X80mm**

**Order data**

Order number	190730 10X80
GTIN	4045197098726
Item class	11W

**Description**
**Version:**
**Special cutting edge geometry for aluminium and plastics.**

Frontal and peripheral cutting with only one cutting edge.

**Application:**

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

**Technical description**

Cutting edge $\varnothing D_c$	10 mm
Corner chamfer width at 45°	0.13 mm
No. of teeth Z	1
Shank $\varnothing D_s$	8 mm
Overall length L	80 mm
Flute length $L_c$	14 mm
Direction of infeed	horizontal, oblique and vertical
Shank	Parallel shank to h6
Tolerance nominal $\varnothing$	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		