

Garant
Slot drill, TiAlN, \varnothing ×Length js14 DC: 8X80mm

Order data

Order number	190730 8X80
GTIN	4045197098702
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

Corner chamfer width at 45°	0.23 mm
Cutting edge $\varnothing D_c$	8 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 ²	suitable	78 m/min	P
CuZn	suitable only under restricted conditions	90 m/min	N
wet minimum	suitable only under restricted conditions		
dry	suitable		