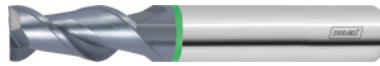



**Solid carbide slot drill, TiAlN, Ø DC: 16mm**

**Order data**

Order number	201650 16
GTIN	4045197113634
Item class	12X

**Description**
**Version:**

**Eccentric relief ground for stronger cutting edges.**

Dimensions similar to DIN 6527.

**Technical description**

Corner chamfer width at 45°	0.1 mm
Feed $f_z$ for side milling in steel < 750 N/mm <sup>2</sup>	0.1 mm
Cutting edge Ø D <sub>c</sub>	16 mm
Feed $f_z$ for slot milling in steel < 750 N/mm <sup>2</sup>	0.08 mm
No. of teeth Z	2
Shank Ø D <sub>s</sub>	16 mm
Overall length L	92 mm
Flute length L <sub>c</sub>	32 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA to h6
Tolerance nominal Ø	h10
Helix angle	45 degrees
Corner chamfer angle	45 degrees
Coating	TiAlN

Tool material	Solid carbide
Standard	DIN 6527
Type	N
Cutting width $a_e$ for milling operation	0.5×D for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth 1×D
Through-coolant	no
Colour ring	green
Type of product	End / face mill

### User data

	Suitability	$V_c$	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	280 m/min	N
Alu > 10% Si	suitable only under restricted conditions	200 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	120 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	105 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	100 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	80 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	60 m/min	M
GG(G)	suitable only under restricted conditions	90 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable only under restricted conditions		
Air	suitable only under restricted conditions		

### Services

Shank grinding Type HB

129100 HB