


**Slot drill HSS-Co8, TiAlN, Ø e8 DC: 18mm**

**Order data**

Order number	191070 18
GTIN	4045197099983
Item class	12W

**Description**
**Version:**

Centre cutting edge geometry for plunging.  
Economy version.

**Application:**

For milling **keyways** (slots) or pockets from the centre of the component.

**Technical description**

Number of effective teeth Z (peripheral side)	2
Cutting edge Ø D <sub>c</sub>	18 mm
Feed f <sub>z</sub> for slot milling in steel < 750 N/mm <sup>2</sup>	0.054 mm
Shank Ø D <sub>s</sub>	16 mm
Flute length L <sub>c</sub>	19 mm
Overall length L	79 mm
Coating	TiAlN
Tool material	HSS Co 8
Standard	DIN 327 D
Type	N
Tolerance nominal Ø	e8
Helix angle	30 degrees
Direction of infeed	horizontal, oblique and vertical

Shank	DIN 1835 B to h6
Through-coolant	no
Shank tolerance	h6
Corner chamfer angle	90 degrees
Colour ring	without
Type of product	Milling cutter

### User data

	Suitability	V <sub>c</sub>	ISO code
Steel < 500 N/mm <sup>2</sup>	suitable	78 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	55 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	55 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	17 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable only under restricted conditions	14 m/min	M
GG(G)	suitable only under restricted conditions	46 m/min	K
CuZn	suitable only under restricted conditions	92 m/min	N
Uni	suitable		
wet maximum	suitable		
dry	suitable		