

Garant
Ball nose slot drill HSS-PM, TiAlN, Ø e8 DC: 13 mm

Order data

Order number	194302 13
GTIN	4045197110145
Item class	11W

Description
Version:

Centre cutting edge geometry for plunging.
For the most demanding metal removal rates.

Note:

For milling concave slots or for milling radius transitions.
Suitable for use as a copy mill and for mould making.

f_z for a_p $0.05 \times D$.

No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Flute length L_c : 16 mm

Overall length L: 73 mm

Shank $\varnothing D_s$: 12 mm

Feed f_z for copy milling in steel $< 750 \text{ N/mm}^2$: 0.052 mm

Technical description

Feed f_z for copy milling in steel $< 750 \text{ N/mm}^2$	0.052 mm
No. of teeth Z	2
Cutting edge $\varnothing D_c$	13 mm
Shank $\varnothing D_s$	12 mm
Overall length L	73 mm
Flute length L_c	16 mm

Helix angle	30 degrees
Radius R	6.5 mm
Coating	TiAlN
Tool material	HSS PM
Type	N
Tolerance nominal \varnothing	e8
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	0.05×D for copy milling
Shank	DIN 1835 B to h6
Through-coolant	no
Colour ring	without
Type of product	End mill