


Solid carbide mini slot drill, TiAlN, Ø e8 DC: 1 mm

Order data

Order number	201920 1
GTIN	4045197114754
Item class	12X

Description
Version:

Double relief ground side clearance angle. Centre cutting teeth for plunging.

Weldon shank **similar to DIN 6535 HB.**

Note:
Save on regrinding costs:

It is cheaper to use solid carbide mini slot drills to the wear limit than to regrind them.

Cutting width a_e for milling operation: Full slot cutting depth $1 \times D$

Tolerance nominal Ø: e8

No. of teeth Z: 3

Helix angle: 45 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 3

Flute length L_c : 2 mm

Overall length L: 38 mm

Shank Ø D_s : 3 mm

Shank form: HA

Corner chamfer width at 45°: 0.02 mm

Technical description

Cutting edge Ø D_c	1 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.005 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.006 mm
Shank form	HA

No. of teeth Z	3
Corner chamfer width at 45°	0.02 mm
Shank $\varnothing D_s$	3 mm
Overall length L	38 mm
Flute length L_c	2 mm
Direction of infeed	horizontal, oblique and vertical
Correction factor for v_c	1.25
Shank	DIN 6535 HA to h6
Tolerance nominal \varnothing	e8
Helix angle	45 degrees
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
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
Colour ring	without
Type of product	End mill