

Garant
Solid carbide slot drill HPC, TiAlN, Ø e8 DC: 6 mm

Order data

Order number	201644 6
GTIN	4045197353672
Item class	11X

Description
Version:

Double relief ground **2 chamfers hollow ground** for use in **HPC applications**.

Tolerance nominal Ø: e8

No. of teeth Z: 2

Helix angle: 50 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 2

Flute length L_c : 13 mm

Overhang length L_1 incl. recess: 21 mm

Recess Ø D_1 : 5.8 mm

Overall length L: 57 mm

Shank Ø D_s : 6 mm

Technical description

Recess Ø D_1	5.8 mm
Corner chamfer width at 45°	0.15 mm
Overhang length L_1 incl. recess	21 mm
No. of teeth Z	2
Feed f_z for slot milling in stainless steel < 900 N/mm ²	0.035 mm
Cutting edge Ø D_c	6 mm
Feed f_z for side milling in INOX < 900 N/mm ²	0.04 mm

Shank $\varnothing D_s$	6 mm
Overall length L	57 mm
Flute length L_c	13 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA to h6
Tolerance nominal \varnothing	e8
Helix angle	50 degrees
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Cutting width a_e for milling operation	0.5xD for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1xD
Through-coolant	no
Machining strategy	HPC
Colour ring	blue
Type of product	End mill

Services

Shank recess Type FRST	209900 FRST
Shank grinding Type HB	129100 HB