

Garant
Solid carbide slot drill HPC, TiAlN, Ø e8 DC: 12 mm

Order data

Order number	201644 12
GTIN	4045197353900
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 : 26 mm

Overhang length L_1 incl. recess: 38 mm

Recess Ø D_1 : 11.8 mm

Overall length L: 83 mm

Shank Ø D_s : 12 mm

Technical description

Feed f_z for side milling in INOX < 900 N/mm ²	0.08 mm
Corner chamfer width at 45°	0.25 mm
Recess Ø D_1	11.8 mm
Overhang length L_1 incl. recess	38 mm
No. of teeth Z	2
Cutting edge Ø D_c	12 mm
Feed f_z for slot milling in stainless steel < 900 N/mm ²	0.07 mm

Shank $\varnothing D_s$	12 mm
Overall length L	83 mm
Flute length L_c	26 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 clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 12 mm	SZ2025 12
Shank grinding Type HB	129100 HB