

**Garant**
**Diabolo solid carbide ball nose slot drill HPC, TiAlN, Ø DC: 6 mm**

**Order data**

Order number	207424 6
GTIN	4045197600462
Item class	11X

**Description**
**Version:**

Special geometry, coating and carbide for hard machining.

3 end face edges up to the centre. Can therefore be used as a true 3-flute drill in all cutting depths.

Tolerance: Radius contour = **±0.005 mm.**

No. of teeth Z: 3

Helix angle: 30 degrees

No. of teeth Z: 3

Flute length  $L_c$ : 12 mm

Overall length L: 100 mm

Shank Ø  $D_s$ : 6 mm

Feed  $f_z$  for side milling in steel < 65 HRC: 0.048 mm

Feed  $f_z$  for copy milling in steel < 65 HRC: 0.048 mm

**Technical description**

Feed $f_z$ for copy milling in steel < 65 HRC	0.048 mm
Cutting edge Ø $D_c$	6 mm
Feed $f_z$ for side milling in steel < 65 HRC	0.048 mm
No. of teeth Z	3
Shank Ø $D_s$	6 mm
Overall length L	100 mm
Flute length $L_c$	12 mm
Helix angle	30 degrees

Radius R	3 mm
Series	Diabolo
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	H
Tolerance nominal $\varnothing$	f8
Direction of infeed	horizontal, oblique and vertical
Cutting width $a_e$ for milling operation	0.05×D for copy milling
Cutting width $a_e$ for milling operation	0.2×D for side milling
Shank	DIN 6535 HA to h6
Through-coolant	no
Machining strategy	HPC
Colour ring	red
Type of product	End mill

## Services

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