

Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAIN, Ø DC m6: 11,2 mm



Order data

Order number	123010 11,2
GTIN	4045197572677
Item class	11E

Description

Version:

Cutting chisel edge with **high centring accuracy** due to **strong core and special point geometry.** High roundness and alignment accuracy of the deep hole, thanks to **4 guide chamfers.** Outstanding chip evacuation due to **4 internal cooling channels** from \varnothing 3.8 mm. Up to 3.7 mm \varnothing with 2 internal cooling channels. **Straight major cutting edges** with honed edges and special flute profile for **short chips**, even on long chipping materials.

Recommendation:

Maximum drilling depth:

clamping slot length (see table) less $1.5 \times nominal \emptyset$.

Note:

Flute length $L_c = L_2 + 1.5 \times D_c$. Standard: Manufacturer's standard

Tolerance nominal Ø: m6 Number of cutting edges Z: 2 Tolerance nominal Ø: m6

recommended maximum drilling depth L₂: 97.2 mm

Overall length L: 162 mm Shank Ø D.: 12 mm

Feed f in stainless steel > 900 N/mm²: 0.15 mm/rev.

Technical description

Number of cutting edges Z	2
Shank tolerance	h6
Nominal Ø D _c	11.2 mm
Flute length L _c	114 mm

Shank Ø D₅ 12 mm Overall length L 162 mm Standard Manufacturer's standard recommended maximum drilling depth L₂ 97.2 mm Coating TiAIN Tool material Solid carbide Drill depth up to 8×D Point angle 140 degrees Cutting direction right-hand Shank DIN 6535 HB to h6 Through-coolant yes, with 25 bar Machining strategy HPC Semi-Standard yes Colour ring blue	Feed f in stainless steel > 900 N/mm ²	0.15 mm/rev.
Overall length L Standard Standard Manufacturer's standard recommended maximum drilling depth L ₂ 97.2 mm Coating TiAIN Tool material Solid carbide Drill depth up to 8×D Point angle Cutting direction Tight-hand Shank DIN 6535 HB to h6 Through-coolant Machining strategy HPC Semi-Standard yes Colour ring blue	Tolerance nominal Ø	m6
Standard Manufacturer's standard recommended maximum drilling depth L2 97.2 mm TiAIN Tool material Solid carbide Drill depth up to 8×D Point angle Cutting direction Shank DIN 6535 HB to h6 Through-coolant Machining strategy HPC Semi-Standard yes Colour ring Manufacturer's standard 97.2 mm Annu 97.2 mm TiAIN Solid carbide 140 degrees right-hand DIN 6535 HB to h6 Through-coolant yes, with 25 bar HPC Semi-Standard yes Colour ring	Shank Ø D _s	12 mm
recommended maximum drilling depth L2 97.2 mm Coating TiAIN Tool material Solid carbide Drill depth up to 8×D Point angle 140 degrees Cutting direction right-hand Shank DIN 6535 HB to h6 Through-coolant yes, with 25 bar Machining strategy HPC Semi-Standard yes Colour ring blue	Overall length L	162 mm
Coating TiAIN Tool material Solid carbide Drill depth up to 8×D Point angle 140 degrees Cutting direction right-hand Shank DIN 6535 HB to h6 Through-coolant yes, with 25 bar Machining strategy HPC Semi-Standard yes Colour ring blue	Standard	Manufacturer's standard
Tool material Drill depth up to Point angle Cutting direction Shank DIN 6535 HB to h6 Through-coolant Machining strategy HPC Semi-Standard Colour ring Solid carbide 8×D 140 degrees 140 degrees right-hand yes, with 25 bar HPC Semi-Standard yes blue	recommended maximum drilling depth L ₂	97.2 mm
Drill depth up to 8×D Point angle 140 degrees Cutting direction right-hand Shank DIN 6535 HB to h6 Through-coolant yes, with 25 bar Machining strategy HPC Semi-Standard yes Colour ring blue	Coating	TiAIN
Point angle 140 degrees Cutting direction right-hand Shank DIN 6535 HB to h6 Through-coolant yes, with 25 bar Machining strategy HPC Semi-Standard yes Colour ring blue	Tool material	Solid carbide
Cutting direction right-hand Shank DIN 6535 HB to h6 Through-coolant yes, with 25 bar Machining strategy HPC Semi-Standard yes Colour ring blue	Drill depth up to	8×D
Shank DIN 6535 HB to h6 Through-coolant Machining strategy HPC Semi-Standard yes Colour ring blue	Point angle	140 degrees
Through-coolant yes, with 25 bar Machining strategy HPC Semi-Standard yes Colour ring blue	Cutting direction	right-hand
Machining strategy HPC Semi-Standard yes Colour ring blue	Shank	DIN 6535 HB to h6
Semi-Standard yes Colour ring blue	Through-coolant	yes, with 25 bar
Colour ring blue	Machining strategy	HPC
	Semi-Standard	yes
	Colour ring	blue
Type of product Jobber drill	Type of product	Jobber drill