

HOLEX Pro Steel solid carbide drill, plain shank DIN 6535 HA, TiAIN, Ø DC h7 (mm or inch): 2,5 mm or inch



Order data

Order number	122776 2,5
GTIN	4045197827029
Item class	12F

Description

Version:

HOLEX Pro Steel:

Straight major cutting edges and a **special flute profile** ensure good chip evacuation. The robust cutting edge geometry ensures high-performance drilling with good process reliability. A wide range of applications in steel materials thanks to a combination of tough ultra-fine grain carbide and extremely wear-resistant coating.

Up to \emptyset 1.9 with 4 facets, from \emptyset 2 with relieved cone.

Recommendation:

Maximum drilling depth:

flute length (see table) less 1.5 \times nominal \varnothing .

Note:

Flute length $L_c = L_2 + 1.5 \times D_c$.

Version HB and HE supplied at the same price as HA.

Form **HB:** state **No. 122777**. Form **HE:** state **No. 122778**. Machining strategy: HPC Standard: DIN 6537 Tolerance nominal Ø: h7

Number of cutting edges Z: 2 Tolerance nominal Ø: h7

recommended maximum drilling depth L₂: 16.3 mm

Overall length L: 55 mm Shank Ø D_s: 4 mm

Feed f in steel < 900 N/mm²: 0.09 mm/rev.

Technical description

StandardDIN 6537Tolerance nominal Øh7Flute length L_c 20 mmNominal Ø D_c 2.5 mmrecommended maximum drilling depth L_2 16.3 mmFeed f in steel < 900 N/mm²0.09 mm/rev.Overall length L55 mmShank Ø D_c 4 mmSeriesHOLEX Pro SteelCoatingTiAINTool materialSolid carbideDrill depth up to6×DPoint angle140 degreesShankDIN 6535 HA to h6Through-coolantyes, with 25 barMachining strategyHPCColour ringgreenType of productJobber drill	Number of cutting edges Z	2
Flute length L_c 20 mm Nominal \oslash D_c 2.5 mm recommended maximum drilling depth L_2 16.3 mm Feed f in steel $< 900 \text{ N/mm}^2$ 0.09 mm/rev. Overall length L 55 mm Shank \oslash D_s 4 mm Series HOLEX Pro Steel Coating TiAIN Tool material Solid carbide Drill depth up to 6×D Point angle 140 degrees Shank DIN 6535 HA to h6 Through-coolant yes, with 25 bar Machining strategy HPC Colour ring green	Standard	DIN 6537
Nominal \varnothing Dc2.5 mmrecommended maximum drilling depth L216.3 mmFeed f in steel < 900 N/mm²	Tolerance nominal Ø	h7
recommended maximum drilling depth L_2 16.3 mm Feed f in steel < 900 N/mm² 0.09 mm/rev. Overall length L 55 mm Shank Ø D _s 4 mm Series HOLEX Pro Steel Coating TiAIN Tool material Solid carbide Drill depth up to 6×D Point angle 140 degrees Shank DIN 6535 HA to h6 Through-coolant yes, with 25 bar Machining strategy HPC Colour ring green	Flute length L _c	20 mm
Feed f in steel < 900 N/mm² Overall length L 55 mm Shank Ø D₃ 4 mm Series HOLEX Pro Steel Coating TiAlN Tool material Drill depth up to 6×D Point angle Shank DIN 6535 HA to h6 Through-coolant Machining strategy HPC Colour ring 0.09 mm/rev. 0.00 mm	Nominal Ø D _c	2.5 mm
Overall length L55 mmShank Ø D₅4 mmSeriesHOLEX Pro SteelCoatingTiAINTool materialSolid carbideDrill depth up to6×DPoint angle140 degreesShankDIN 6535 HA to h6Through-coolantyes, with 25 barMachining strategyHPCColour ringgreen	recommended maximum drilling depth L ₂	16.3 mm
Shank Ø D₅4 mmSeriesHOLEX Pro SteelCoatingTiAINTool materialSolid carbideDrill depth up to6×DPoint angle140 degreesShankDIN 6535 HA to h6Through-coolantyes, with 25 barMachining strategyHPCColour ringgreen	Feed f in steel < 900 N/mm ²	0.09 mm/rev.
Series HOLEX Pro Steel Coating TiAIN Tool material Solid carbide Drill depth up to 6×D Point angle 140 degrees Shank DIN 6535 HA to h6 Through-coolant yes, with 25 bar Machining strategy HPC Colour ring green	Overall length L	55 mm
Coating TiAIN Tool material Solid carbide Drill depth up to 6×D Point angle 140 degrees Shank DIN 6535 HA to h6 Through-coolant yes, with 25 bar Machining strategy HPC Colour ring green	Shank Ø D _s	4 mm
Tool material Drill depth up to 6×D Point angle 140 degrees Shank DIN 6535 HA to h6 Through-coolant Machining strategy HPC Colour ring Solid carbide 6×D 140 degrees 140 degrees HPC green	Series	HOLEX Pro Steel
Drill depth up to6×DPoint angle140 degreesShankDIN 6535 HA to h6Through-coolantyes, with 25 barMachining strategyHPCColour ringgreen	Coating	TiAIN
Point angle 140 degrees Shank DIN 6535 HA to h6 Through-coolant yes, with 25 bar Machining strategy HPC Colour ring green	Tool material	Solid carbide
Shank DIN 6535 HA to h6 Through-coolant yes, with 25 bar Machining strategy HPC Colour ring green	Drill depth up to	6×D
Through-coolant yes, with 25 bar Machining strategy HPC Colour ring green	Point angle	140 degrees
Machining strategy HPC Colour ring green	Shank	DIN 6535 HA to h6
Colour ring green	Through-coolant	yes, with 25 bar
	Machining strategy	HPC
Type of product Jobber drill	Colour ring	green
	Type of product	Jobber drill