

HOLEX Pro Steel solid carbide drill, plain shank DIN 6535 HA, TiAIN, Ø DC h7 (mm or inch): 11,1 mm or inch



Order data

Order number	122504 11,1
GTIN	4045197826442
Item class	12F

Description

Version:

HOLEX Pro Steel:

Straight major cutting edges and a **special flute profile** ensure good chip evacuation. The robust cutter 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 $1.5 \times \text{nominal } \emptyset$.

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. 122507**. Form **HE:** state **No. 122508**. Machining strategy: HPC Standard: DIN 6537 K Tolerance nominal Ø: h7 Number of cutting edges Z: 2 Tolerance nominal Ø: h7

recommended maximum drilling depth L₂: 38.4 mm

Overall length L: 102 mm Shank Ø D_s: 12 mm

Feed f in steel $< 900 \text{ N/mm}^2$: 0.22 mm/rev.

Technical description

⚠ Hoffmann Group

recommended maximum drilling depth L ₂ Feed f in steel < 900 N/mm ² Overall length L Nominal Ø D _c 11.1 mm Standard DIN 6537 K Shank Ø D _s 12 mm Flute length L _c Series HOLEX Pro Steel Coating TiAlN Tool material Drill depth up to 4×D Point angle Shank DIN 6535 HA to h6 Through-coolant Machining strategy HPC Colour ring 38.4 mm 4.2 mm 102 mm 11.1 mm 5 bin 6537 K Shank DIN 6535 HA to h6 Through-coolant Machining strategy HPC Colour ring	Tolerance nominal Ø	h7
Feed f in steel < 900 N/mm²	Number of cutting edges Z	2
Overall length L 102mm Nominal \emptyset D_c 11.1mm StandardDIN 6537 KShank \emptyset D_s 12mm Flute length L_c 55mm SeriesHOLEX Pro SteelCoatingTiAINTool materialSolid carbideDrill depth up to $4 \times D$ Point angle 140degrees ShankDIN 6535 HA to h6Through-coolantyes, with 25 barMachining strategyHPCColour ringgreen	recommended maximum drilling depth L ₂	38.4 mm
Nominal \varnothing D_c 11.1 mmStandardDIN 6537 KShank \varnothing D_s 12 mmFlute length L_c 55 mmSeriesHOLEX Pro SteelCoatingTiAINTool materialSolid carbideDrill depth up to $4 \times D$ Point angle140 degreesShankDIN 6535 HA to h6Through-coolantyes, with 25 barMachining strategyHPCColour ringgreen	Feed f in steel < 900 N/mm ²	0.22 mm/rev.
Standard DIN 6537 K Shank Ø D₅ 12 mm Flute length Lҫ 55 mm Series HOLEX Pro Steel Coating TiAIN Tool material Solid carbide Drill depth up to 4×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	102 mm
Shank Ø D₅ Flute length L₂ Series HOLEX Pro Steel Coating TiAIN Tool material Solid carbide Drill depth up to 4×D Point angle Shank DIN 6535 HA to h6 Through-coolant Machining strategy HPC Colour ring	Nominal Ø D _c	11.1 mm
Flute length L _c Series HOLEX Pro Steel TiAIN Tool material Solid carbide Drill depth up to Point angle Shank DIN 6535 HA to h6 Through-coolant Machining strategy Colour ring TiAIN Tool material Solid carbide 4×D 140 degrees HPC HPC	Standard	DIN 6537 K
Series HOLEX Pro Steel Coating TiAIN Tool material Solid carbide Drill depth up to 4×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	12 mm
Coating TiAIN Tool material Solid carbide Drill depth up to 4×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	55 mm
Tool material Drill depth up to Point angle Shank DIN 6535 HA to h6 Through-coolant Machining strategy Colour ring Solid carbide 4×D 140 degrees 140 degrees HPC Green	Series	HOLEX Pro Steel
Drill depth up to 4×D Point angle 140 degrees Shank DIN 6535 HA to h6 Through-coolant yes, with 25 bar Machining strategy HPC Colour ring green	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	4×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