

HOLEX Pro Steel solid carbide drill, plain shank DIN 6535 HA, TiAIN, Ø DC h7 (mm or inch): 6,3 mm or inch



Order data

Order number	122504 6,3
GTIN	4045197825964
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

recommended maximum drilling depth L₂: 24.6 mm

Overall length L: 79 mm Shank Ø D_s: 8 mm

Tolerance nominal Ø: h7

Feed f in steel < 900 N/mm²: 0.18 mm/rev.

Technical description

⚠ Hoffmann Group

Overall length L Standard DIN 6537 K Shank Ø D₃ 8 mm Feed f in steel < 900 N/mm² 0.18 mm/rev. Flute length L₂ 34 mm recommended maximum drilling depth L₂ 24.6 mm Nominal Ø D₂ 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 Garbina Solid carbide HPC Golour ring green	Number of cutting edges Z	2
Standard DIN 6537 K Shank Ø D₅ 8 mm Feed f in steel < 900 N/mm²	Tolerance nominal Ø	h7
Shank \varnothing Ds8 mmFeed f in steel < 900 N/mm²	Overall length L	79 mm
Feed f in steel < 900 N/mm² 0.18 mm/rev. Flute length L_c 34 mm recommended maximum drilling depth L_2 24.6 mm Nominal \emptyset D_c 6.3 mm SeriesHOLEX Pro SteelCoatingTiAINTool materialSolid carbideDrill depth up to $4 \times D$ Point angle 140 degrees ShankDIN 6535 HA to h6Through-coolantyes, with 25 barMachining strategyHPCColour ringgreen	Standard	DIN 6537 K
Flute length L _c recommended maximum drilling depth L ₂ 24.6 mm Nominal Ø D _C 6.3 mm 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 34 mm 34 mm 34 mm 34 mm An m DIN 653 mm HOLEX Pro Steel A×D Fiall Machining strategy HPC Golour ring Green	Shank Ø D _s	8 mm
recommended maximum drilling depth L ₂ Nominal Ø D _c 6.3 mm 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 24.6 mm 24.6 mm Au Au BOLEX Pro Steel TiAIN Tole Av Solid carbide DIN 6535 HA to h6 Through-coolant T	Feed f in steel < 900 N/mm ²	0.18 mm/rev.
Nominal Ø D _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 G.3 mm 6.3 mm 6.3 mm 6.3 mm 6.3 mm FIAIN TolleX Pro Steel A×D Solid carbide 140 degrees HPC	Flute length L _c	34 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	recommended maximum drilling depth L ₂	24.6 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	Nominal Ø D _C	6.3 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 DIN 6535 HA to h6 Yes, with 25 bar HPC	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 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