

HOLEX Pro Steel solid carbide drill, plain shank DIN 6535 HA, TiAIN, \varnothing DC h7: 11,7 mm



Order data

Order number	123103 11,7
GTIN	4062406093426
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.

Recommendation:

Maximum drilling depth:

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

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. 123104**. Form **HE:** state **No. 123109**. Machining strategy: HPC

Standard: Manufacturer's standard

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

recommended maximum drilling depth L₂: 96.5 mm

Overall length L: 162 mm Shank Ø D_s: 12 mm

Feed f in steel < 900 N/mm²: 0.2 mm/rev.

Technical description



Standard Manufacturer's standard Feed f in steel < 900 N/mm² 0.2 mm/rev. Tolerance nominal Ø h7 recommended maximum drilling depth L₂ 96.5 mm Number of cutting edges Z 2 Nominal Ø D₀ 11.7 mm Shank Ø D₀ 12 mm Flute length L₀ 114 mm Series HOLEX Pro Steel Coating TiAIN Tool material Solid carbide Drill depth up to 8×D Point angle 135 degrees Shank DIN 6535 HA to h6 Through-coolant yes, with 25 bar Machining strategy HPC Colour ring green Type of product Jobber drill	Overall length L	162 mm
Tolerance nominal Ø h7 recommended maximum drilling depth L₂ 96.5 mm Number of cutting edges Z 2 Nominal Ø Dc 11.7 mm Shank Ø Ds 12 mm Flute length Lc 114 mm Series HOLEX Pro Steel Coating TiAlN Tool material Solid carbide Drill depth up to 8×D Point angle 135 degrees Shank DIN 6535 HA to h6 Through-coolant yes, with 25 bar Machining strategy HPC Colour ring green	Standard	Manufacturer's standard
recommended maximum drilling depth L2 96.5 mm Number of cutting edges Z 2 Nominal Ø Dc 11.7 mm Shank Ø Ds 12 mm Flute length Lc 114 mm Series HOLEX Pro Steel Coating TiAIN Tool material Solid carbide Drill depth up to 8×D Point angle 135 degrees Shank DIN 6535 HA to h6 Through-coolant yes, with 25 bar Machining strategy HPC Colour ring green	Feed f in steel < 900 N/mm ²	0.2 mm/rev.
Number of cutting edges Z 2 Nominal Ø Dc 11.7 mm Shank Ø D₂ 12 mm Flute length Lc 114 mm Series HOLEX Pro Steel Coating TiAIN Tool material Solid carbide Drill depth up to 8×D Point angle 135 degrees Shank DIN 6535 HA to h6 Through-coolant yes, with 25 bar Machining strategy HPC Colour ring green	Tolerance nominal Ø	h7
Nominal \oslash Dc11.7 mmShank \oslash Ds12 mmFlute length Lc114 mmSeriesHOLEX Pro SteelCoatingTiAINTool materialSolid carbideDrill depth up to8×DPoint angle135 degreesShankDIN 6535 HA to h6Through-coolantyes, with 25 barMachining strategyHPCColour ringgreen	recommended maximum drilling depth L ₂	96.5 mm
Shank Ø D₅12 mmFlute length L₀114 mmSeriesHOLEX Pro SteelCoatingTiAINTool materialSolid carbideDrill depth up to8×DPoint angle135 degreesShankDIN 6535 HA to h6Through-coolantyes, with 25 barMachining strategyHPCColour ringgreen	Number of cutting edges Z	2
Flute length L _c Series HOLEX Pro Steel Coating TiAIN Tool material Solid carbide Drill depth up to 8×D Point angle Shank DIN 6535 HA to h6 Through-coolant Machining strategy Colour ring 114 mm 114 mm HOLEX Pro Steel 136 Nath	Nominal Ø D _c	11.7 mm
Series HOLEX Pro Steel Coating TiAIN Tool material Solid carbide Drill depth up to 8×D Point angle 135 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 8×D Point angle 135 degrees Shank DIN 6535 HA to h6 Through-coolant yes, with 25 bar Machining strategy HPC Colour ring green	Flute length L _c	114 mm
Tool material Drill depth up to 8×D Point angle 135 degrees Shank DIN 6535 HA to h6 Through-coolant Machining strategy HPC Colour ring Solid carbide 8×D 135 degrees 135 degrees HPC green	Series	HOLEX Pro Steel
Drill depth up to8×DPoint angle135 degreesShankDIN 6535 HA to h6Through-coolantyes, with 25 barMachining strategyHPCColour ringgreen	Coating	TiAlN
Point angle 135 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	8×D
Through-coolant yes, with 25 bar Machining strategy HPC Colour ring green	Point angle	135 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