

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



Order data

Order number	123103 7,7
GTIN	4045197960429
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 $1.5 \times \text{nominal } \emptyset$.

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. 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: 64.5 mm

Overall length L: 114 mm

Shank Ø D_s: 8 mm

Feed f in steel < 900 N/mm²: 0.16 mm/rev.

Technical description

Nominal Ø D _c Overall length L 114 mm Tolerance nominal Ø Feed f in steel < 900 N/mm² recommended maximum drilling depth L₂ Standard Number of cutting edges Z Standard Series HOLEX Pro Steel Coating TiAlN Tool material Drill depth up to Point angle Shank DIN 6535 HA to h6 Through-coolant Machining strategy HPC Colour ring 7.7 mm 7.7 mm 114 mm 7.7 mm h7 h7 h7 Ata manual serve. Fead f in steel < 900 N/mm² h7 Ata manual serve. Fead f in steel < 900 N/mm² h7 Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual serve. Fead f in steel < 900 N/mm² Ata manual ser	Flute length L _c	76 mm
Overall length L 114 mm Tolerance nominal Ø h7 Feed f in steel < 900 N/mm²	Shank Ø D _s	8 mm
Tolerance nominal Ø h7 Feed f in steel < 900 N/mm² 0.16 mm/rev. recommended maximum drilling depth L₂ 64.5 mm Number of cutting edges Z 2 Standard Manufacturer's standard 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	Nominal Ø D _c	7.7 mm
Feed f in steel < 900 N/mm² recommended maximum drilling depth L₂ Standard Series Coating TiAIN Tool material Drill depth up to Point angle Shank DIN 6535 HA to h6 Through-coolant Machining strategy Colour ring O.16 mm/rev. 64.5 mm Manufacturer's standard Manufacturer's standard Manufacturer's standard Solid carbide HOLEX Pro Steel TiAIN Solid carbide 135 degrees HOLEX Pro Steel TiAIN Tool material Solid carbide Point angle 135 degrees HPC Golour ring Green	Overall length L	114 mm
recommended maximum drilling depth L ₂ Standard Series Coating TiAIN Tool material Drill depth up to Point angle Shank DIN 6535 HA to h6 Through-coolant Machining strategy Colour ring 64.5 mm 64.	Tolerance nominal Ø	h7
Number of cutting edges Z Standard Manufacturer's standard Series HOLEX Pro Steel TiAIN Tool material Solid carbide Drill depth up to 8×D Point angle Shank DIN 6535 HA to h6 Through-coolant Machining strategy HPC Colour ring Standard Hannes Standard Holex Pro Steel TiAIN Solid carbide DIN 6535 HA to h6 HPC	Feed f in steel < 900 N/mm ²	0.16 mm/rev.
Standard Manufacturer's standard 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	recommended maximum drilling depth L ₂	64.5 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	Number of cutting edges Z	2
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	Standard	Manufacturer's standard
Tool material Drill depth up to Point angle Shank DIN 6535 HA to h6 Through-coolant Machining strategy Colour ring Solid carbide 8×D 135 degrees 135 degrees HPC Green	Series	HOLEX Pro Steel
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	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