



HOLEX Pro Steel solid carbide drill, plain shank DIN 6535 HA, TiAlN, Ø DC h7: 18,5 mm



Order data

Order number	123103 18,5
GTIN	4045197960900
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×nominal Ø.

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 L_2 : 162.3 mm

Overall length L: 243 mm

Shank Ø D_s : 20 mm

Feed f in steel < 900 N/mm²: 0.25 mm/rev.

Technical description

Flute length L_c	190 mm
Feed f in steel $< 900 \text{ N/mm}^2$	0.25 mm/rev.
recommended maximum drilling depth L_2	162.3 mm
Overall length L	243 mm
Number of cutting edges Z	2
Nominal $\varnothing D_c$	18.5 mm
Shank $\varnothing D_s$	20 mm
Standard	Manufacturer's standard
Tolerance nominal \varnothing	h7
Series	HOLEX Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	8xD
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