



HOLEX Pro Steel High-precision countersink with unequal spacing and 3 drive flats 90°, TiAlN, External Ø Dc: 16,5 mm



Order data

Order number	150184 16,5
GTIN	4062406524456
Item class	12M

Description

Version:

All countersinks have 3 cutting edges, radially relieved.

Flutes are ground from solid.

HOLEX Pro Steel:

- Exact machining results in manual and machine use.
- Chatter-free running through extremely unequal spacing of the cutting edges for high-quality surfaces.
- Optimum tool life thanks to TiAlN high-performance coating.
- High process reliability due to optimised chip evacuation.
- Attractive cost/benefit ratio.

Three drive flats on the shank for use in a 3-jaw chuck.

Application:

High precision countersinks for chatter-free countersinking.

Through-coolant: no

Number of cutting edges Z: 3

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smallest countersink Ø for holes from: 3.2 mm

Overall length L: 60 mm

Shank Ø D_s: 10 mm

for countersunk screws DIN 7991: M8

Feed f in steel < 500 N/mm²: 0.14 mm/rev.

Technical description

Shank $\varnothing D_s$	10 mm
Feed f in steel < 500 N/mm ²	0.14 mm/rev.
smallest countersink \varnothing for holes from	3.2 mm
Overall length L	60 mm
External \varnothing	16.5 mm
Number of cutting edges Z	3
Shank tolerance	h9
for countersunk screws DIN 7991	M8
Coating	TiAlN
Countersink tip angle	90 degrees
Tool material	HSS
Spacing of the countersink cutting edges	unequal spacing
Standard	DIN 335 C
Shank	Three clamping flats to h9
Through-coolant	no
Colour ring	green
Series	HOLEX Pro Steel
Type of product	Stepped drill and countersink