



HOLEX Pro Steel High-precision countersink with unequal spacing 90°, TiAlN, External Ø Dc: 23 mm



Order data

Order number	150182 23
GTIN	4062406524319
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.

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: 3.8 mm

Overall length L: 67 mm

Shank Ø D_s: 10 mm

for countersunk screws ISO 2009, 2010, 7046, 7047: M12

Feed f in steel < 500 N/mm²: 0.16 mm/rev.

Technical description

External Ø	23 mm
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Number of cutting edges Z	3
Overall length L	67 mm
Feed f in steel < 500 N/mm ²	0.16 mm/rev.
smallest countersink Ø for holes from	3.8 mm
for countersunk screws ISO 2009, 2010, 7046, 7047	M12
Shank Ø D _s	10 mm
Coating	TiAlN
Countersink tip angle	90 degrees
Tool material	HSS
Spacing of the countersink cutting edges	unequal spacing
Standard	DIN 335 C
Shank	Plain shank with h9
Through-coolant	no
Colour ring	green
Series	HOLEX Pro Steel
Type of product	Stepped drill and countersink