



Countersink 90°, TiN, External Ø Dc: 23 mm



Order data

Order number	150180 23
GTIN	4045197085993
Item class	12M

Description

Version:

All countersinks have 3 cutting edges, radially relieved.

Flutes are ground from solid.

Economy version, improved performance due to coating.

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

Shank tolerance	h9
smallest countersink Ø for holes from	3.8 mm
for countersunk screws ISO 2009, 2010, 7046, 7047	M12
External Ø	23 mm
Feed f in steel < 500 N/mm ²	0.16 mm/rev.
Shank Ø D _s	10 mm

Overall length L	67 mm
Number of cutting edges Z	3
Coating	TiN
Countersink tip angle	90 degrees
Tool material	HSS
Standard	DIN 335 C
Shank	Plain shank with h9
Through-coolant	no
Colour ring	green
Type of product	Stepped drill and countersink