

Garant
High-precision countersink 90°, TiAlN, External Ø Dc: 15 mm

Order data

Order number	150170 15
GTIN	4045197085634
Item class	11M

Description
Version:

All countersinks have 3 cutting edges, radially relieved.

Flutes are ground from solid.

Precision countersink for considerable performance improvement.

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 ISO 2009, 2010, 7046, 7047: M8

Feed f in steel < 500 N/mm²: 0.12 mm/rev.

Technical description

External Ø	15 mm
for countersunk screws ISO 2009, 2010, 7046, 7047	M8
Feed f in steel < 500 N/mm ²	0.12 mm/rev.
smallest countersink Ø for holes from	3.2 mm
Shank tolerance	h9
Shank Ø D _s	10 mm

Overall length L	60 mm
Number of cutting edges Z	3
Coating	TiAlN
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

Accessories

Countersink set No. 150170 in a case 90° Number of countersinks 7	150315 7
Countersink set No. 150170 in a case 90° Number of countersinks 6	150315 6
Countersink set No. 150170 in a case 90° Number of countersinks 17	150315 17