

**Garant**
**High-precision countersink 90°, TiAlN, External Ø Dc: 4,3 mm**

**Order data**

Order number	150170 4,3
GTIN	4045197364692
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: 1.3 mm

Overall length L: 40 mm

Shank Ø D<sub>s</sub>: 4 mm

for countersunk screws ISO 2009, 2010, 7046, 7047: M2

Feed f in steel < 500 N/mm<sup>2</sup>: 0.07 mm/rev.

**Technical description**

smallest countersink Ø for holes from	1.3 mm
External Ø	4.3 mm
for countersunk screws ISO 2009, 2010, 7046, 7047	M2
Shank tolerance	h9
Feed f in steel < 500 N/mm <sup>2</sup>	0.07 mm/rev.
Shank Ø D <sub>s</sub>	4 mm

Overall length L	40 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