

Garant**High-precision countersink with unequal spacing and 3 drive flats 90°, AlTiCN, External Ø Dc: 8,3 mm****Order data**

Order number	150393 8,3
GTIN	4062406277154
Item class	11M

Description**Version:**

All countersinks have 3 cutting edges, radially relieved.

Flutes are ground from solid.

High-precision countersink, produced with tight manufacturing tolerances similar to DIN 335-C.

Special geometry with **unequal spacing** and matching cutting edge preparation.

Newly developed AlTiCN coating especially **for stainless steels**.

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

Application:

High-precision countersinks for chatter-free production of **precise, round 90° countersunk surfaces**.

Through-coolant: no

Number of cutting edges Z: 3

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smallest countersink Ø for holes from: 2 mm

Overall length L: 50 mm

Shank Ø D_s: 6 mm

for countersunk screws DIN 7991: M4

Feed f in stainless steel < 900 N/mm²: 0.1 mm/rev.

Technical description

Overall length L	50 mm
smallest countersink Ø for holes from	2 mm

Shank tolerance	h9
Number of cutting edges Z	3
for countersunk screws DIN 7991	M4
Pre-drill Ø	2 mm
Feed f in stainless steel < 900 N/mm ²	0.1 mm/rev.
Shank Ø D _s	6 mm
External Ø	8.3 mm
Coating	AlTiCN
Countersink tip angle	90 degrees
Tool material	HSS E
Spacing of the countersink cutting edges	unequal spacing
Standard	DIN 335 C
Shank	Shank with h9 and three drive flats
Through-coolant	no
Colour ring	blue
Type of product	Stepped drill and countersink