

Garant
High-precision countersink, long 90°, uncoated, External Ø Dc: 31 mm

Order data

Order number	150371 31
GTIN	4045197710765
Item class	11M

Description
Version:

All countersinks have 3 cutting edges, radially relief ground. Flutes ground from solid. High-precision countersink, produced to tight manufacturing tolerances similar to DIN 335-C **with long plain shank.**

Through-coolant: no

Number of cutting edges Z: 3

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smallest countersink Ø for holes from: 4.2 mm

Overall length L: 140 mm

Shank Ø D_s: 12 mm

for countersunk screws DIN 7991: M16

Feed f in steel < 500 N/mm²: 0.2 mm/rev.

Technical description

Shank tolerance	h9
Pre-drill Ø	4.2 mm
External Ø	31 mm
Feed f in steel < 500 N/mm ²	0.2 mm/rev.
smallest countersink Ø for holes from	4.2 mm
for countersunk screws DIN 7991	M16
Shank Ø D _s	12 mm
Overall length L	140 mm

Number of cutting edges Z	3
Coating	uncoated
Countersink tip angle	90 degrees
Tool material	HSS
Standard	Manufacturer's standard
Shank	Plain shank with h9
Through-coolant	no
Colour ring	without
Type of product	Stepped drill and countersink