

Garant

High-precision countersink, long, with 3 drive flats 90°, TiAlN, External Ø Dc: 16,5 mm



Order data

Order number	150376 16,5
GTIN	4062406066024
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 DIN335-C, **with long plain shank.**

Special geometry with extremely unequal spacing and matching cutting edge preparation. Newly developed, **special TiAlN coating** for long tool life.

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: 3.2 mm

Overall length L: 111 mm

Shank Ø D_s: 10 mm

for countersunk screws DIN 7991: M8

Feed f in steel < 500 N/mm²: 0.18 mm/rev.

Technical description

Number of cutting edges Z	3
Pre-drill Ø	3.2 mm
Feed f in steel < 500 N/mm ²	0.18 mm/rev.

Shank tolerance	h9
Shank $\varnothing D_s$	10 mm
Overall length L	111 mm
for countersunk screws DIN 7991	M8
smallest countersink \varnothing for holes from	3.2 mm
External \varnothing	16.5 mm
Coating	TiAlN
Countersink tip angle	90 degrees
Tool material	HSS
Spacing of the countersink cutting edges	unequal spacing
Standard	Manufacturer's standard
Shank	Three clamping flats to h9
Through-coolant	no
Colour ring	green
Type of product	Stepped drill and countersink

Accessories

High-precision countersink set with 3 drive flats, long, No. 150376 in a case 90° Number of countersinks 6

150369 6