

Garant
Countersink Form C 60°, TiN, External Ø Dc: 20 mm

Order data

Order number	150840 20
GTIN	4045197087317
Item class	11M

Description
Version:

The chip flutes are ground from solid. Countersink point and circumference are relief ground and cut easily. This results in easy and **chatter-free cutting** for deep countersinking, as well as for deburring or countersinking.

Application:

For chatter-free countersinking and deburring.

Especially suitable for chamfering tapped holes and for countersinking in jig and tool making.

Through-coolant: no

Number of cutting edges Z: 3

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smallest countersink Ø for holes from: 5 mm

Overall length L: 67 mm

Shank Ø D_s: 10 mm

Feed f in steel < 500 N/mm²: 0.16 mm/rev.

Technical description

External Ø	20 mm
smallest countersink Ø for holes from	5 mm
Feed f in steel < 500 N/mm ²	0.16 mm/rev.
Shank Ø D _s	10 mm
Overall length L	67 mm

Number of cutting edges Z	3
Coating	TiN
Countersink tip angle	60 degrees
Tool material	HSS
Standard	DIN 334
Shank	Plain shank with h9
Through-coolant	no
Colour ring	green
Type of product	Stepped drill and countersink