

**Garant**
**Countersink 75°, uncoated, External Ø Dc: 20 mm**

**Order data**

Order number	150425 20
GTIN	4045197959539
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.

Through-coolant: no

Number of cutting edges Z: 3

Number of cutting edges Z: 3

smallest countersink Ø for holes from: 3.5 mm

Overall length L: 63 mm

Shank Ø D<sub>s</sub>: 10 mm

Feed f in steel < 500 N/mm<sup>2</sup>: 0.16 mm/rev.

**Technical description**

smallest countersink Ø for holes from	3.5 mm
Shank Ø D <sub>s</sub>	10 mm
Feed f in steel < 500 N/mm <sup>2</sup>	0.16 mm/rev.
Overall length L	63 mm
Number of cutting edges Z	3
External Ø	20 mm
Coating	uncoated
Countersink tip angle	75 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