

**Garant**
**Countersink HSS 120°, uncoated, External Ø DC: 20 mm**

**Order data**

Order number	150020 20
GTIN	4045197301307
Item class	11M

**Description**
**Version:**

Flutes ground from solid. Also suitable for steels < 900 N/mm<sup>2</sup>.

Flutes ground from solid.

Through-coolant: no

Number of cutting edges Z: 3

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smallest countersink Ø for holes from: 3.5 mm

Overall length L: 59 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**

External Ø	20 mm
Shank tolerance	h9
smallest countersink Ø for holes from	3.5 mm
Feed f in steel < 500 N/mm <sup>2</sup>	0.16 mm/rev.
Shank Ø D <sub>s</sub>	10 mm
Overall length L	59 mm
Number of cutting edges Z	3
Coating	uncoated

Countersink tip angle	120 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