

**Garant**
**Counterbore without pilot, Countersink Ø DC: 20 mm**

**Order data**

Order number	156520 20
GTIN	4045197088031
Item class	11M

**Description**
**Version:**

Multi-edged, spiral fluted counterbore with recess in face for fitting various pilots. Pilot is clamped with a screw in the counterbore.

**Application:**

**One** counterbore can be used for **several** pilot holes of different diameters due to the interchangeable pilots.

**Note:**

The dimensions relate to screws DIN 912, 6912, 7984 and ISO 1207. However, with an appropriate pilot, a counterbore can be used for other screw sizes or counterbore / pilot diameter combinations.

For suitable reducing adapters for tools with MT shanks see **No. 343000-343530**.

Shank: MT 2-3

for screw size: M12

Hole Ø a: 5 mm

Overall length L: 140 mm

Morse taper MT: 2

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

**Technical description**

Feed f in steel < 500 N/mm <sup>2</sup>	0.16 mm/rev.
Hole Ø a	5 mm
for screw size	M12
Counterbore Ø	20 mm

Morse taper MT	2
Overall length L	140 mm
Tool material	HSS
Standard	DIN 375
Shank	MT 2-3
Colour ring	without
Type of product	Counterbore