

Garant
Counterbore without pilot, Countersink Ø DC: 20mm

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:

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

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.

Technical description

Feed f in steel < 500 N/mm ²	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	Morse taper
Colour ring	without
Type of product	Counterbore

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable	33 m/min	N
Steel < 500 N/mm ²	suitable	28 m/min	P
Steel < 750 N/mm ²	suitable	27 m/min	P
Steel < 900 N/mm ²	suitable only under restricted conditions	27 m/min	P
wet maximum	suitable		