

**Garant****Counterbore without pilot, Countersink Ø DC: 15mm****Order data**

Order number	156520 15
GTIN	4045197088017
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 <sup>2</sup>	0.12 mm/rev.
for screw size	M8
Hole Ø a	4 mm
Counterbore Ø	15 mm
Morse taper MT	2
Overall length L	132 mm
Tool material	HSS
Standard	DIN 375

Shank	Morse taper
Colour ring	without
Type of product	Counterbore

**User data**

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