

**Garant****Countersink single flute 90°, uncoated, External Ø DC: 31,5mm****Order data**

Order number	150050 31,5
GTIN	4045197085344
Item class	11M

**Description****Version:**

Axial-radial relief ground conical profile for chatter-free deburring and countersinking. This delivers a high-quality countersinking surface. Generous-sized flutes for very good chip clearance. Can be reground easily on the inner flat faces of the flutes.

**Technical description**

External Ø	31.5 mm
Shank Ø D <sub>s</sub>	12 mm
Overall length L	80 mm
Number of cutting edges Z	1
Coating	uncoated
Countersink tip angle	90 degrees
Tool material	HSS
Shank	Parallel shank to h9
Colour ring	without
Type of product	Stepped drill and countersink

**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
INOX < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	7 m/min	M
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable only under restricted conditions		