

**Garant**
**Deburring countersink 90°, Type: 20**

**Order data**

Order number	150065 20
GTIN	4045197085399
Item class	11M

**Description**
**Version:**

Special cutter geometry for an easy peeling cut. The swarf is evacuated via the oblique hole towards the shank.

Through-coolant: no

for hole Ø: 15 - 20 mm

Head Ø: 28 mm

Overall length L: 85 mm

Shank Ø D<sub>s</sub>: 12 mm

**Technical description**

for hole Ø	15 - 20 mm
Head Ø	28 mm
Overall length L	85 mm
Shank Ø D <sub>s</sub>	12 mm
Countersink tip angle	90 °
Tool material	HSS
Shank	Parallel shank to h9
Through-coolant	no
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 only under restricted conditions	17 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	7 m/min	M
wet maximum	suitable		
dry	suitable only under restricted conditions		