

Garant
Countersink solid carbide 90°, uncoated, External Ø Dc: 20,5 mm

Order data

Order number	150384 20,5
GTIN	4045197086594
Item class	11M

Description
Version:

Very **sturdy version**, multi-flute, **special geometry** for **very heavy duty use**. For **chatter-free countersinking** and **deburring**. For **difficult to machine materials**. Solid carbide head with brazed shank.

Outstandingly suitable for **bainite cast iron (ADI)**.

Note:

Ensure stable conditions during operation!

Through-coolant: no

Number of cutting edges Z: 5

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smallest countersink Ø for holes from: 5 mm

Overall length L: 63 mm

Shank Ø D_s: 10 mm

Feed f in GJS ADI > 800 N/mm²: 0.1 mm/rev.

Technical description

Shank tolerance	h9
Feed f in GJS ADI > 800 N/mm ²	0.1 mm/rev.
Pre-drill Ø	5 mm
smallest countersink Ø for holes from	5 mm
External Ø	20.5 mm
Shank Ø D _s	10 mm

Overall length L	63 mm
Number of cutting edges Z	5
Coating	uncoated
Countersink tip angle	90 degrees
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	H
Shank	Plain shank with h9
Through-coolant	no
Colour ring	white
Type of product	Stepped drill and countersink