

Garant**Countersink 75°, uncoated, External Ø Dc: 16,5mm****Order data**

Order number	150425 16,5
GTIN	4045197087188
Item class	11M

Description**Version:**

The chip flutes are ground from solid. Countersink point and circumference are relief ground and cut easily. This results in easy and **chatter-free cutting** for deep countersinking, as well as for deburring or countersinking.

Technical description

External Ø	16.5 mm
smallest countersink Ø for holes from	3.5 mm
Feed f in steel < 500 N/mm ²	0.14 mm/rev.
Shank tolerance	h9
Shank Ø D _s	10 mm
Overall length L	61 mm
Number of cutting edges Z	3
Coating	uncoated
Countersink tip angle	75 degrees
Tool material	HSS
Standard	Manufacturer's standard
Shank	Plain shank with h9

Through-coolant	no
Colour ring	without
Type of product	Stepped drill and countersink

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		
dry	suitable only under restricted conditions		