

Garant
Countersink, form D 60°, uncoated, Ø DC: 31,5mm


Order data

Order number	150860 31,5
GTIN	4045197087416
Item class	11M

Description

Version:

The chip flutes are ground from solid up to size 31.5. 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.

Application:

For chatter-free countersinking and deburring.

Especially suitable for chamfering tapped holes and for countersinking in jig and tool making.

Note:

For suitable reducing adapters for tools with MT shanks see **No. 343000-343530**.

Technical description

smallest countersink Ø for holes from	10 mm
External Ø	31.5 mm
Feed f in steel < 500 N/mm ²	0.2 mm/rev.
Overall length L	118 mm
Morse taper MT	2
Number of cutting edges Z	3
Coating	uncoated
Countersink tip angle	60 degrees

Tool material	HSS
Standard	DIN 334
Shank	Morse taper
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
CuZn	suitable	65 m/min	N
wet maximum	suitable		
dry	suitable only under restricted conditions		