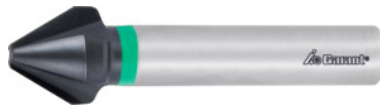


Garant
Countersink Form C 60°, TiAlN, External Ø Dc: 12,5mm

Order data

Order number	150845 12,5
GTIN	4045197364760
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.

Application:

For chatter-free countersinking and deburring.

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

Technical description

External Ø	12.5 mm
smallest countersink Ø for holes from	3.2 mm
Feed f in steel < 500 N/mm ²	0.12 mm/rev.
Shank Ø D _s	8 mm
Overall length L	56 mm
Number of cutting edges Z	3
Coating	TiAlN
Countersink tip angle	60 degrees
Tool material	HSS
Standard	DIN 334

Shank	Plain shank with h9
Through-coolant	no
Colour ring	green
Type of product	Stepped drill and countersink

User data

	Suitability	V_c	ISO code
Alu plastics	suitable	90 m/min	N
Aluminium (short chipping)	suitable	43 m/min	N
Alu > 10% Si	suitable	25 m/min	N
Steel < 500 N/mm ²	suitable	38 m/min	P
Steel < 750 N/mm ²	suitable	35 m/min	P
Steel < 900 N/mm ²	suitable	35 m/min	P
INOX < 900 N/mm ²	suitable	9 m/min	M
Uni	suitable		
wet minimum	suitable		
dry	suitable		