

Garant
Countersink HSS 100°, uncoated, External Ø DC: 16,5mm

Order data

Order number	150023 16,5
GTIN	4045197959584
Item class	11M

Description
Version:

Easy and chatter-free deburring and countersinking.
Flutes ground from solid.

Technical description

Number of cutting edges Z	3
Feed f in steel < 500 N/mm ²	0.14 mm/rev.
Shank Ø D _s	10 mm
Overall length L	59 mm
External Ø	16.5 mm
smallest countersink Ø for holes from	3.5 mm
Coating	uncoated
Countersink tip angle	100 degrees
Tool material	HSS
Standard	Manufacturer's standard
Shank	Parallel shank to h9
Through-coolant	no
Colour ring	without

Type of product

Stepped drill and countersink

User data

	Suitability	V_c	ISO code
Alu plastics	suitable	70 m/min	N
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 minimum	suitable		
dry	suitable only under restricted conditions		