



Countersink 90°, TiN, External Ø Dc: 10mm



Order data

Order number	150180 10
GTIN	4045197085917
Item class	12M

Description

Version:

All countersinks have 3 cutting edges, radially relieved.

Flutes are ground from solid.

Economy version, improved performance due to coating.

Application:

High precision countersinks for chatter-free countersinking.

Through-coolant: no

Number of cutting edges Z: 3

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smallest countersink Ø for holes from: 2.5 mm

Overall length L: 50 mm

Shank Ø D_s: 6 mm

for countersunk screws ISO 2009, 2010, 7046, 7047: M5

Feed f in steel < 500 N/mm²: 0.12 mm/rev.

Technical description

Shank tolerance	h9
External Ø	10 mm
smallest countersink Ø for holes from	2.5 mm
Feed f in steel < 500 N/mm ²	0.12 mm/rev.
for countersunk screws ISO 2009, 2010, 7046, 7047	M5
Shank Ø D _s	6 mm

Overall length L	50 mm
Number of cutting edges Z	3
Coating	TiN
Countersink tip angle	90 °
Tool material	HSS
Standard	DIN 335 C
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
Aluminium (short chipping)	suitable	38 m/min	N
Steel < 500 N/mm ²	suitable only under restricted conditions	34 m/min	P
Steel < 750 N/mm ²	suitable	32 m/min	P
Steel < 900 N/mm ²	suitable	32 m/min	P
INOX < 900 N/mm ²	suitable only under restricted conditions	9 m/min	M
CuZn	suitable	80 m/min	N
Uni	suitable		
wet maximum	suitable		
dry	suitable only under restricted conditions		