



Countersink 90°, TiN, External Ø Dc: 15mm



Order data

Order number	150180 15
GTIN	4045197085955
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: 3.2 mm

Overall length L: 60 mm

Shank Ø D_s: 10 mm

for countersunk screws ISO 2009, 2010, 7046, 7047: M8

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

Technical description

smallest countersink Ø for holes from	3.2 mm
Shank tolerance	h9
External Ø	15 mm
Feed f in steel < 500 N/mm ²	0.12 mm/rev.
for countersunk screws ISO 2009, 2010, 7046, 7047	M8
Shank Ø D _s	10 mm

Overall length L	60 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		