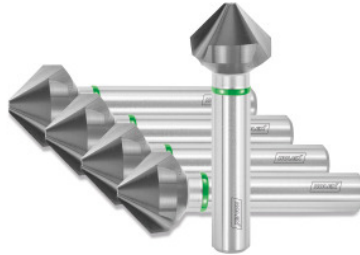


HOLEX
HOLEX Pro Steel high-precision countersink with unequal spacing 90°, TiAlN, External Ø Dc: 10mm

Order data

Order number	GG1582 10
GTIN	4067263133186
Item class	GGN

Description
Version:
Same as No. 150182
All countersinks have 3 cutting edges, radially relieved.

Flutes are ground from solid.

- **Exact machining results in manual and machine use.**
- **Chatter-free running through extremely unequal spacing of the cutting edges for high-quality surfaces.**
- **Optimum tool life thanks to TiAlN high-performance coating.**
- **High process reliability due to optimised chip evacuation.**
- **Attractive cost/benefit ratio.**

Application:

High-precision countersink for chatter-free 90° countersinking.

Technical description

smallest countersink Ø for holes from	2.5 mm
for countersunk screws ISO 2009, 2010, 7046, 7047	M5
Shank Ø D _s	6 mm

Feed f in steel < 500 N/mm ²	0.12 mm/rev.
Number of cutting edges Z	3
Overall length L	50 mm
External Ø	10 mm
Shank tolerance	h9
Coating	TiAlN
Countersink tip angle	90 degrees
Tool material	HSS
Spacing of the countersink cutting edges	unequal spacing
Standard	DIN 335 C
Shank	Plain shank with h9
Through-coolant	no
Colour ring	green
Series	Pro Steel
Type of product	Stepped drill and countersink

User data

	Suitability	V _c	ISO code
Alu plastics	suitable	75 m/min	N
Aluminium (short chipping)	suitable	70 m/min	N
Steel < 750 N/mm ²	suitable	50 m/min	P
Steel < 900 N/mm ²	suitable	40 m/min	P
Steel < 1100 N/mm ²	suitable	20 m/min	P
Steel < 1400 N/mm ²	suitable	15 m/min	P
Steel < 55 HRC	suitable only under restricted conditions	8 m/min	H
INOX < 900 N/mm ²	suitable	18 m/min	M
INOX > 900 N/mm ²	suitable	15 m/min	M

Ti > 850 N/mm ²	suitable only under restricted conditions	12 m/min	S
GG(G)	suitable	20 m/min	K
CuZn	suitable	20 m/min	N
Uni	suitable		
wet maximum	suitable		
dry	suitable only under restricted conditions		

Accessories

HOLEX Pro Steel high-precision countersink with unequal spacing 90° External Ø Dc 10 mm	150182 10
HOLEX Pro Steel countersink set No. 150182 in a case 90° Number of countersinks 6	150342 6
HOLEX Pro Steel countersink set No. 150182 in a case 90° Number of countersinks 7	150342 7