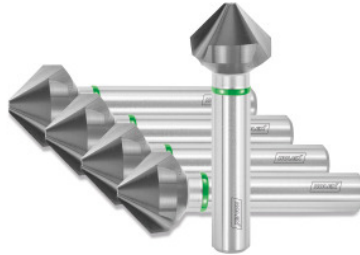


HOLEX
**HOLEX Pro Steel high-precision countersink with unequal spacing 90°, TiAlN,
External Ø Dc: 16,5mm**

Order data

Order number	GG1582 16,5
GTIN	4067263134336
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

External Ø	16.5 mm
for countersunk screws DIN 7991	M8
Overall length L	60 mm
Shank Ø D _s	10 mm

smallest countersink \varnothing for holes from	3.2 mm
Number of cutting edges Z	3
Shank tolerance	h9
Feed f in steel < 500 N/mm ²	0.14 mm/rev.
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 16,5 mm

150182 16,5