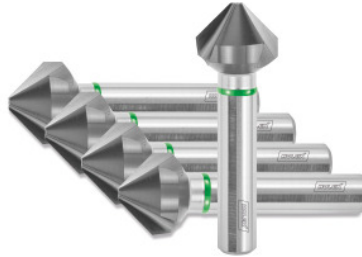


**HOLEX**

## HOLEX Pro Steel high-precision countersink with unequal spacing and 3 drive flats 90°, TiAlN, External Ø Dc: 20,5mm



### Order data

Order number	GG1584 20,5
GTIN	4067263134619
Item class	GGN

### Description

#### Version:

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.**

Three drive flats on the shank for use in a 3-jaw chuck. **Same as No. 150184**

#### Application:

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

### Technical description

Number of cutting edges Z	3
Overall length L	63 mm
External Ø	20.5 mm
Feed f in steel < 500 N/mm <sup>2</sup>	0.16 mm/rev.

Shank $\varnothing D_s$	10 mm
Shank tolerance	h9
smallest countersink $\varnothing$ for holes from	3.5 mm
for countersunk screws DIN 7991	M10
Coating	TiAlN
Countersink tip angle	90 degrees
Tool material	HSS
Spacing of the countersink cutting edges	unequal spacing
Standard	DIN 335 C
Shank	Shank with h9 and three drive flats
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 <sup>2</sup>	suitable	50 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	40 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	20 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	15 m/min	P
Steel < 55 HRC	suitable only under restricted conditions	8 m/min	H
INOX < 900 N/mm <sup>2</sup>	suitable	18 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	15 m/min	M
Ti > 850 N/mm <sup>2</sup>	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 and 3 drive flats 90° External Ø Dc 20,5 mm

150184 20,5