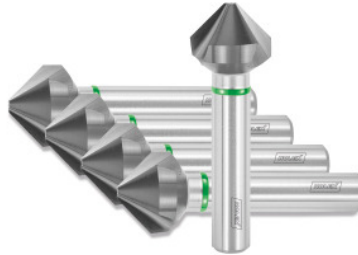


HOLEX
HOLEX Pro Steel high-precision countersink with unequal spacing 90°, TiAlN, External Ø Dc: 11,5mm

Order data

| | |
|--------------|---------------|
| Order number | GG1582 11,5 |
| GTIN | 4067263134305 |
| 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

| | |
|---|-------|
| Shank tolerance | h9 |
| Overall length L | 56 mm |
| for countersunk screws ISO 2009, 2010, 7046, 7047 | M6 |
| Number of cutting edges Z | 3 |

| | |
|--|-------------------------------|
| External Ø | 11.5 mm |
| smallest countersink Ø for holes from | 2.8 mm |
| Shank Ø D _s | 8 mm |
| Feed f in steel < 500 N/mm ² | 0.12 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 11,5 mm | 150182 11,5 |
| 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 |