

**Countersink set No. 150180 in a case 90°, TiN, Number of countersinks: 6****Order data**

Order number	150340 6
GTIN	4045197086075
Item class	12M

**Description****Version:**

Countersink sets **in a case**. Handy for assembly and workshop use.

**All countersinks have 3 cutting edges**, radially relieved.

Flutes are ground from solid.

**Application:**

High precision countersinks for chatter-free countersinking.

**Content:**

1× each countersink: Size 6; 8; 10; 11.5; 15; 19

**Note:**

Empty case for 6 or 7 countersinks, see No. 150370.

**Technical description**

Number of countersinks	6
Number of cutting edges Z	3
Coating	TiN
Countersink tip angle	90 degrees

Tool material	HSS
Standard	DIN 335 C
Shank	Plain shank with h9
Colour ring	green
Type of product	Stepped drill and countersink

### User data

	Suitability	V <sub>c</sub>	ISO code
Alu plastics	suitable only under restricted conditions	70 m/min	N
Aluminium (short chipping)	suitable	33 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	28 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable only under restricted conditions	27 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	27 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable only under restricted conditions	8 m/min	P
wet maximum	suitable		
dry	suitable only under restricted conditions		

### Accessories

HOLEX Pro Steel high-precision countersink with unequal spacing and 3 drive flats90° External Ø Dc 15 mm	150184 15
HOLEX Pro Steel high-precision countersink with unequal spacing and 3 drive flats90° External Ø Dc 19 mm	150184 19
HOLEX Pro Steel high-precision countersink with unequal spacing and 3 drive flats90° External Ø Dc 10 mm	150184 10
Countersink90° External Ø Dc 10 mm	150180 10

HOLEX Pro Steel high-precision countersink with unequal spacing90° External Ø Dc 10 mm	150182 10
HOLEX Pro Steel high-precision countersink with unequal spacing90° External Ø Dc 11,5 mm	150182 11,5
HOLEX Pro Steel high-precision countersink with unequal spacing and 3 drive flats90° External Ø Dc 11,5 mm	150184 11,5
Countersink90° External Ø Dc 8 mm	150180 8
HOLEX Pro Steel high-precision countersink with unequal spacing90° External Ø Dc 19 mm	150182 19
HOLEX Pro Steel high-precision countersink with unequal spacing90° External Ø Dc 8 mm	150182 8
HOLEX Pro Steel high-precision countersink with unequal spacing90° External Ø Dc 15 mm	150182 15
Countersink90° External Ø Dc 6 mm	150180 6
Countersink90° External Ø Dc 11,5 mm	150180 11,5
HOLEX Pro Steel high-precision countersink with unequal spacing90° External Ø Dc 6 mm	150182 6
Countersink90° External Ø Dc 15 mm	150180 15
Countersink90° External Ø Dc 19 mm	150180 19
HOLEX Pro Steel high-precision countersink with unequal spacing and 3 drive flats90° External Ø Dc 8 mm	150184 8
HOLEX Pro Steel high-precision countersink with unequal spacing and 3 drive flats90° External Ø Dc 6 mm	150184 6