

Garant

**Countersink set No. 150378 in a case 90°, uncoated, Number of countersinks:
6**

**Order data**

Order number	150381 6
GTIN	4045197086433
Item class	11M

Description**Version:**

Countersink sets, **in a case.**

Practical set for assembly and workshop use.

All countersinks have 3 cutting edges, radially relieved.

Flutes are ground from solid.

High-precision countersink, produced with tight manufacturing tolerances similar to DIN 335-C.

Content:

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

Technical description

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

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

User data

	Suitability	V _c	ISO code
Alu plastics	suitable	70 m/min	N
Aluminium (short chipping)	suitable only under restricted conditions	33 m/min	N
Alu > 10% Si	suitable only under restricted conditions	25 m/min	N
Steel < 500 N/mm ²	suitable only under restricted conditions	28 m/min	P
Steel < 750 N/mm ²	suitable	27 m/min	P
Steel < 900 N/mm ²	suitable	27 m/min	P
Steel < 1100 N/mm ²	suitable	8 m/min	P
Steel < 1400 N/mm ²	suitable only under restricted conditions	4 m/min	P
INOX < 900 N/mm ²	suitable	7 m/min	M
INOX > 900 N/mm ²	suitable	7 m/min	M
Ti > 850 N/mm ²	suitable only under restricted conditions	7 m/min	S
GG(G)	suitable only under restricted conditions	12 m/min	K
CuZn	suitable only under restricted conditions	65 m/min	N
wet minimum	suitable		
dry	suitable only under restricted conditions		

Accessories

High-precision countersink90° External Ø Dc 8 mm	150378 8
High-precision countersink90° External Ø Dc 15 mm	150378 15
High-precision countersink90° External Ø Dc 11,5 mm	150378 11,5
High-precision countersink90° External Ø Dc 10 mm	150378 10
High-precision countersink90° External Ø Dc 6 mm	150378 6
High-precision countersink90° External Ø Dc 19 mm	150378 19