

Garant

Countersink set No. 150150 in a case 90°, uncoated, Number of countersinks: 17

**Order data**

Order number	150310 17
GTIN	4062406081355
Item class	11M

Description**Version:**

Countersink sets, **in a case.**

Practical set for assembly and workshop use.

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

Application:

High precision countersinks for chatter-free countersinking.

Content:

1× each countersink: Size 4.3; 5; 6; 6.3; 7; 8; 8.3; 10; 10.4; 11.5; 12.4; 15; 16.5; 19; 20.5; 23; 25

Technical description

Number of cutting edges Z	3
Number of countersinks	17
Coating	uncoated
Countersink tip angle	90 degrees

Tool material	HSS
Standard	DIN 335 C
Shank	Plain shank with h9
Colour ring	without
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	33 m/min	N
Steel < 500 N/mm ²	suitable	28 m/min	P
Steel < 750 N/mm ²	suitable	27 m/min	P
Steel < 900 N/mm ²	suitable only under restricted conditions	27 m/min	P
wet maximum	suitable		
dry	suitable only under restricted conditions		

Accessories

High-precision countersink90° External Ø Dc 11,5 mm	150150 11,5
High-precision countersink90° External Ø Dc 8 mm	150150 8
High-precision countersink90° External Ø Dc 20,5 mm	150150 20,5
High-precision countersink90° External Ø Dc 10 mm	150150 10
High-precision countersink90° External Ø Dc 4,3 mm	150150 4,3
High-precision countersink90° External Ø Dc 25 mm	150150 25
High-precision countersink90° External Ø Dc 16,5 mm	150150 16,5
High-precision countersink90° External Ø Dc 7 mm	150150 7
High-precision countersink90° External Ø Dc 15 mm	150150 15

High-precision countersink90° External Ø Dc 5 mm	150150 5
High-precision countersink90° External Ø Dc 23 mm	150150 23
High-precision countersink90° External Ø Dc 19 mm	150150 19
High-precision countersink90° External Ø Dc 6 mm	150150 6
High-precision countersink90° External Ø Dc 10,4 mm	150150 10,4
High-precision countersink90° External Ø Dc 12,4 mm	150150 12,4
High-precision countersink90° External Ø Dc 6,3 mm	150150 6,3
High-precision countersink90° External Ø Dc 8,3 mm	150150 8,3