

Garant

Countersink set No. 150393 with 3 drive flats, in a case 90°, AlTiCN, Number of countersinks: 7

**Order data**

| | |
|--------------|---------------|
| Order number | 150394 7 |
| GTIN | 4062406277116 |
| Item class | 11M |

Description**Version:**

Countersink sets, **in a case.**

Practical set for assembly and workshop use.

Application:

High-precision countersinks for chatter-free production of **precise, round 90° countersunk surfaces.**

Content:

1 pc. each precision countersink: Size 6; 8; 10; 11.5; 15; 19; 25

Note:

Supplied in a case No. 150370 **size 6.**

Technical description

| | |
|---------------------------|--------|
| Number of cutting edges Z | 3 |
| Number of countersinks | 7 |
| Coating | AlTiCN |

| | |
|--|-------------------------------|
| Countersink tip angle | 90 degrees |
| Tool material | HSS E |
| Spacing of the countersink cutting edges | unequal spacing |
| 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 only under restricted conditions | 53 m/min | N |
| Aluminium (short chipping) | suitable only under restricted conditions | 40 m/min | N |
| Alu > 10% Si | suitable only under restricted conditions | 35 m/min | N |
| Steel < 500 N/mm ² | suitable | 55 m/min | P |
| Steel < 750 N/mm ² | suitable | 30 m/min | P |
| Steel < 900 N/mm ² | suitable | 25 m/min | P |
| Steel < 1100 N/mm ² | suitable | 15 m/min | P |
| Steel < 1400 N/mm ² | suitable | 12 m/min | P |
| INOX < 900 N/mm ² | suitable | 18 m/min | M |
| INOX > 900 N/mm ² | suitable | 13 m/min | M |
| Ti > 850 N/mm ² | suitable | 13 m/min | S |
| GG(G) | suitable only under restricted conditions | 30 m/min | K |
| CuZn | suitable only under restricted conditions | 42 m/min | N |
| wet maximum | suitable | | |
| wet minimum | suitable | | |

dry

suitable only under
restricted conditions

Accessories

High-precision countersink with unequal spacing and 3
drive flats90° External Ø Dc 11,5 mm

150393 11,5

High-precision countersink with unequal spacing and 3
drive flats90° External Ø Dc 8 mm

150393 8

High-precision countersink with unequal spacing and 3
drive flats90° External Ø Dc 15 mm

150393 15

High-precision countersink with unequal spacing and 3
drive flats90° External Ø Dc 19 mm

150393 19

High-precision countersink with unequal spacing and 3
drive flats90° External Ø Dc 10 mm

150393 10

High-precision countersink with unequal spacing and 3
drive flats90° External Ø Dc 25 mm

150393 25

High-precision countersink with unequal spacing and 3
drive flats90° External Ø Dc 6 mm

150393 6