

Garant

Countersink set No. 150152 in a case 90°, uncoated, Number of countersinks: 7



Order data

| | |
|--------------|---------------|
| Order number | 150312 7 |
| GTIN | 4045197717122 |
| 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.

Three **drive flats on the shank** for use in a 3-jaw chuck.

Application:

High precision countersinks for chatter-free countersinking.

Content:

1× each countersink: Size 6; 8; 10; 11.5; 15; 19; 25

Technical description

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

| | |
|-----------------------|-------------------------------------|
| Countersink tip angle | 90 degrees |
| Tool material | HSS |
| Standard | DIN 335 C |
| Shank | Shank with h9 and three drive flats |
| 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 | 150152 11,5 |
| High-precision countersink90° External Ø Dc 8 mm | 150152 8 |
| High-precision countersink90° External Ø Dc 10 mm | 150152 10 |
| High-precision countersink90° External Ø Dc 25 mm | 150152 25 |
| High-precision countersink90° External Ø Dc 19 mm | 150152 19 |
| High-precision countersink90° External Ø Dc 6 mm | 150152 6 |
| High-precision countersink90° External Ø Dc 15 mm | 150152 15 |