

Garant
Mini counterbore for through holes 180°, uncoated, Counterbore Ø D1 x pin Ø D2: 3,3X1,7mm

Order data

| | |
|--------------|----------------|
| Order number | 155700 3,3X1,7 |
| GTIN | 4045197462862 |
| Item class | 11M |

Description
Version:

Spiral fluted counterbore with fixed pilot.
DIN 373 / ISO 4206.

Application:

For through hole quality **fine** (ISO values) to DIN 69.

For socket-head screws to DIN 912, 6912, 7984, and cheese-head screws to ISO 1207 (DIN 84).

Note:

Size 4.6 x 2.4 is not defined in DIN.

Technical description

| | |
|--|--------------|
| Counterbore Ø | 3.3 mm |
| Number of cutting edges Z | 3 |
| Pre-drill Ø | 1.7 mm |
| for screw size | M1.6 |
| Feed f in steel < 500 N/mm ² | 0.07 mm/rev. |
| Pin Ø | 1,7 mm |
| Shank Ø D _s | 3.3 mm |
| Overall length L | 56 mm |
| Step height L ₁ 1st step with chamfer | 2 mm |
| Point angle | 180 degrees |

| | |
|---------------------|-------------|
| Cutter length l_c | 10 mm |
| Coating | uncoated |
| Tool material | HSS E |
| Standard | DIN 373 |
| Shank | Plain shank |
| Countersink angle | 180 degrees |
| Through-coolant | no |
| Type of product | Counterbore |

User data

| | Suitability | V_c | ISO code |
|-------------------------------|---|----------|----------|
| 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 |
| INOX < 900 N/mm ² | Suitable only under restricted conditions | 8 m/min | M |
| INOX > 900 N/mm ² | Suitable only under restricted conditions | 5 m/min | M |
| wet maximum | suitable | | |