

Garant

Mini counterbore for through holes 90°, uncoated, Counterbore Ø D1 x pin Ø D2: 6X3,2mm



Order data

| | |
|--------------|---------------|
| Order number | 155600 6X3,2 |
| GTIN | 4045197462794 |
| Item class | 11M |

Description

Version:

Spiral fluted counterbore with fixed pilot.
DIN 1866-A / ISO 4205.

Application:

For through hole quality **fine** (ISO values) to DIN 69.
For countersunk screws to ISO 2009, 2010, 7046, 7047 (DIN 963, 964, 965, 966).

Note:

Size 4.6 × 2.4 is not defined in DIN.

Technical description

| | |
|--|--------------|
| Counterbore Ø | 6 mm |
| Feed f in steel < 500 N/mm ² | 0.09 mm/rev. |
| Pin Ø | 3,2 mm |
| Number of cutting edges Z | 3 |
| Pre-drill Ø | 3.2 mm |
| for screw size | M3 |
| Shank Ø D _s | 6 mm |
| Overall length L | 71 mm |
| Step height L ₁ 1st step with chamfer | 3.5 mm |
| Point angle | 90 degrees |

| | |
|---------------------|-------------|
| Cutter length l_c | 14 mm |
| Coating | uncoated |
| Tool material | HSS E |
| Standard | DIN 1866 A |
| Shank | Plain shank |
| Countersink angle | 90 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 | | |