

**Garant**
**Countersink Form C 60°, uncoated, External Ø Dc: 6,3mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 150820 6,3    |
| GTIN         | 4045197087195 |
| Item class   | 11M           |

**Description**
**Version:**

The chip flutes are ground from solid. Countersink point and circumference are relief ground and cut easily, resulting in easy and **chatter-free cutting** for deep countersinking as well as for deburring or countersinking.

**Application:**

For chatter-free countersinking and deburring.

**Especially suitable for chamfering tapped holes and for countersinking in jig and tool making.**

**Technical description**

|   |              |
|---|--------------|
| smallest countersink Ø for holes from   | 1.6 mm       |
| Feed f in steel < 500 N/mm <sup>2</sup> | 0.09 mm/rev. |
| External Ø                              | 6.3 mm       |
| Shank Ø D <sub>s</sub>                  | 5 mm         |
| Overall length L                        | 45 mm        |
| Number of cutting edges Z               | 3            |
| Coating                                 | uncoated     |
| Countersink tip angle                   | 60 degrees   |
| Tool material                           | HSS          |

|                 |                               |
|-----------------|-------------------------------|
| Standard        | DIN 334                       |
| Shank           | Plain shank with h9           |
| Through-coolant | no                            |
| Colour ring     | without                       |
| Type of product | Stepped drill and countersink |

### User data

|                               | Suitability                               | V <sub>c</sub> | ISO code |
|-------------------------------|---|----------------|----------|
| Alu plastics                  | suitable                                  | 70 m/min       | N        |
| Aluminium (short chipping)    | suitable                                  | 33 m/min       | N        |
| Steel < 500 N/mm <sup>2</sup> | suitable                                  | 28 m/min       | P        |
| Steel < 750 N/mm <sup>2</sup> | suitable                                  | 27 m/min       | P        |
| Steel < 900 N/mm <sup>2</sup> | suitable only under restricted conditions | 27 m/min       | P        |
| wet maximum                   | suitable                                  |                |          |
| dry                           | suitable only under restricted conditions |                |          |