

**Garant**

**DIN counterbore for through holes, uncoated, Counterbore Ø D1 x pin Ø D2: 18X11 mm**



## Order data

|              |               |
|--------------|---------------|
| Order number | 156120 18X11  |
| GTIN         | 4045197087829 |
| Item class   | 11M           |

## Description

### Version:

Spiral fluted counterbore. The pilot Ø matches the intended purpose:

**f** – for through holes **fine** quality to DIN ISO 273.

**m** for through holes **medium** quality to DIN ISO 273.

### Application:

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

### Note:

For suitable reducing adapters for tools with MT shanks see **No. 343000-343530**.

Shank: MT 2-3

Number of cutting edges Z: 3

for screw size: M10

for quality of the hole: m

Overall length L: 150 mm

Morse taper MT: 2

Feed f in steel < 500 N/mm<sup>2</sup>: 0.14 mm/rev.

## Technical description

|   |              |
|---|--------------|
| for screw size                          | M10          |
| Pin Ø                                   | 11 mm        |
| Counterbore Ø                           | 18 mm        |
| Pre-drill Ø                             | 11 mm        |
| Feed f in steel < 500 N/mm <sup>2</sup> | 0.14 mm/rev. |

|  |                         |
|--|-------------------------|
| for quality of the hole                          | m                       |
| Number of cutting edges Z                        | 3                       |
| Overall length L                                 | 150 mm                  |
| Morse taper MT                                   | 2                       |
| Step height L <sub>1</sub> 1st step with chamfer | 25 mm                   |
| Point angle                                      | 180 degrees             |
| Coating  | uncoated                |
| Tool material                                    | HSS                     |
| Standard   | Manufacturer's standard |
| Shank  | MT 2-3                  |
| Through-coolant                                  | no                      |
| Type of product                                  | Counterbore             |