

**Garant**
**Jobber drill HSS-E VA, uncoated, Ø DC h8: 23 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 116360 23     |
| GTIN         | 4045197032171 |
| Item class   | 11C           |

**Description**
**Version:**
**With strengthened core.**

Specially treated surface, reducing edge build up and improving chip evacuation.  
With point geometry shape C.

**Recommendation:**
**Maximum drilling depth:**

$L_2 = L_c - 1.5 \times D_c$ .

**Note:**

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

Through-coolant: no

Standard: DIN 345

Tolerance nominal Ø: h8

Point angle: 135 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth  $L_2$ : 120.5 mm

Flute length  $L_c$ : 155 mm

Overall length L: 253 mm

Morse taper MT size: 2

Feed f in steel < 750 N/mm<sup>2</sup>: 0.2 mm/rev.

**Technical description**

|   |             |
|---|-------------|
| Feed f in steel < 750 N/mm <sup>2</sup> | 0.2 mm/rev. |
| Number of cutting edges Z               | 2           |
| Nominal Ø $D_c$                         | 23 mm       |
| Flute length $L_c$                      | 155 mm      |

|   |               |
|---|---------------|
| Tolerance nominal $\varnothing$                   | h8            |
| Overall length L                                  | 253 mm        |
| Morse taper MT size                               | 2             |
| Standard  | DIN 345       |
| recommended maximum drilling depth L <sub>2</sub> | 120.5 mm      |
| Point angle                                       | 135 degrees   |
| Coating   | uncoated      |
| Tool material                                     | HSS E         |
| Type  | INOX          |
| Helix angle                                       | 35-40 degrees |
| Shank   | Morse taper   |
| Through-coolant                                   | no            |
| Colour ring                                       | without       |
| Type of product                                   | Jobber drill  |