

**Garant**
**NC reamer Configurable, uncoated, Nominal  $\varnothing$  DC: 1,4mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 162951 1,4    |
| GTIN         | 4062406263690 |
| Item class   | 110           |

**Description**
**Version:**
**Reamers finish ground to match your specification.**
**Note:**

For **fit H7** see No. 162900 and 163000.

For reamers in 1/100 - sizes see No. 162902.

**Technical description**

|   |                         |
|---|-------------------------|
| Nominal $\varnothing$ D <sub>c</sub>    | 1.4 mm                  |
| Flute length L <sub>c</sub>             | 8 mm                    |
| Overall length L                        | 40 mm                   |
| $\varnothing$ range                     | 1.33 - 1.41 mm          |
| Shank tolerance                         | h6                      |
| Feed f in steel < 750 N/mm <sup>2</sup> | 0.1 mm/rev.             |
| Overhang L <sub>1</sub>                 | 15 mm                   |
| Shank $\varnothing$ D <sub>s</sub>      | 2 mm                    |
| Number of cutting edges Z               | 3                       |
| Reaming oversize in diameter            | 0.05 - 0.1 mm           |
| Coating                                 | uncoated                |
| Tool material                           | HSS E                   |
| Standard                                | Manufacturer's standard |

|                                  |                   |
|----------------------------------|-------------------|
| Through-coolant                  | no                |
| Shank                            | DIN 1835 A to h6  |
| Application for type of drilling | for through holes |
| Colour ring                      | without           |
| Type of product                  | Phillips bit      |

### User data

|                                | Suitability                               | V <sub>c</sub> | ISO code |
|--------------------------------|---|----------------|----------|
| Aluminium                      | suitable                                  | 20 m/min       | N        |
| Aluminium (short chipping)     | suitable                                  | 20 m/min       | N        |
| Steel < 500 N/mm <sup>2</sup>  | suitable                                  | 15 m/min       | P        |
| Steel < 750 N/mm <sup>2</sup>  | suitable                                  | 10 m/min       | P        |
| Steel < 900 N/mm <sup>2</sup>  | suitable                                  | 7 m/min        | P        |
| Steel < 1100 N/mm <sup>2</sup> | suitable                                  | 5 m/min        | P        |
| Steel < 1400 N/mm <sup>2</sup> | suitable only under restricted conditions | 4 m/min        | P        |
| INOX < 900 N/mm <sup>2</sup>   | suitable                                  | 5 m/min        | M        |
| INOX > 900 N/mm <sup>2</sup>   | suitable only under restricted conditions | 5 m/min        | M        |
| Ti > 850 N/mm <sup>2</sup>     | suitable only under restricted conditions | 5 m/min        | S        |
| GG(G)                          | suitable only under restricted conditions | 5 m/min        | K        |
| CuZn                           | suitable only under restricted conditions | 13 m/min       | N        |
| Uni                            | suitable                                  |                |          |
| Oil                            | suitable                                  |                |          |
| wet maximum                    | suitable                                  |                |          |

