


**Knurl PM, BL 30°, Knurl  $\varnothing$  d1 × knurl width b / pitch: 10X4/1,0mm**

**Order data**

|              |                 |
|--------------|-----------------|
| Order number | 290176 10X4/1,0 |
| GTIN         | 4030741237638   |
| Item class   | 29I             |

**Description**
**Version:**

Wear-resistant powder metal (PM).

**Note:**

**Further sizes and profiles available on request.**

**Technical description**

|   |                              |
|---|------------------------------|
| Knurl bore $\varnothing$ d <sub>2</sub> | 4 mm                         |
| Knurl $\varnothing$ d <sub>1</sub>      | 10 mm                        |
| Tooth pitch                             | 1                            |
| Knurl width w                           | 4 mm                         |
| Knurl type                              | BL 30°                       |
| For standard                            | DIN 82                       |
| Tool material                           | PM                           |
| Type of product                         | Self-centering knurling tool |

## User data

|                               | <b>Suitability</b>                        | <b>V<sub>c</sub></b> | <b>ISO code</b> |
|-------------------------------|---|----------------------|-----------------|
| Alu plastics                  | suitable                                  | 70 m/min             | N               |
| Aluminium (short chipping)    | suitable                                  | 35 m/min             | N               |
| Steel < 500 N/mm <sup>2</sup> | suitable                                  | 60 m/min             | P               |
| Steel < 750 N/mm <sup>2</sup> | suitable                                  | 45 m/min             | P               |
| Steel < 900 N/mm <sup>2</sup> | suitable                                  | 30 m/min             | P               |
| INOX < 900 N/mm <sup>2</sup>  | suitable                                  | 50 m/min             | M               |
| INOX > 900 N/mm <sup>2</sup>  | suitable                                  | 25 m/min             | M               |
| CuZn                          | suitable                                  | 65 m/min             | N               |
| Oil                           | suitable                                  |                      |                 |
| wet maximum                   | suitable only under restricted conditions |                      |                 |
| wet minimum                   | suitable only under restricted conditions |                      |                 |