


**Knurl PM, BR 45°, Knurl  $\varnothing$  d1 × knurl width b / pitch: 15X4/1,0mm**

**Order data**

Order number	290191 15X4/1,0
GTIN	4030741310911
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
Tooth pitch	1
Knurl $\varnothing$ d <sub>1</sub>	15 mm
Knurl width w	4 mm
Knurl type	BR 45°
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		