



Simple chipping CNC knurling tool

Simple knurling tool for chipping knurling (mod. C611), hardened steel support, can be used flexibly as right or left hand tool, the head is mounted with a locking system without backlash, the vibrations produced during machining are reduced thanks to the surface locking without backlash.

To be used on spindles and counter spindles on CNC and conventional lathes.

Supplied without knurling tools.



CNC

Code	€	Working range (mm)	Stem (mm)	Stem length (mm)	Knurling tool size (mm)
A899290009	€	3-50	10x16	80,4	14,5x3x5
A899290011	€	3-50	12x16	80,4	14,5x3x5
A899290013	€	3-50	16x16	80,4	14,5x3x5

Code	€	Working range (mm)	Stem (mm)	Stem length (mm)	Knurling tool size (mm)
A899290015	€	5-250	20x25	92,5	21,5x5x8
A899290017	€	5-250	25x25	92,5	21,5x5x8



Double chipping CNC knurling tool

Double knurling tool for chipping knurling (mod. C612), support in hardened steel, the head is mounted with a locking system without backlash which reduces vibrations during machining, fine adjustment of the heads, diameter adjustment can be easily carried out thanks to the tilting disc located on both sides, regardless of whether the processing takes place in front of or behind the rotation axis, in reverse turning or on spindles and counter spindles.

To be used on CNC lathes.

Supplied without knurling tools.



CNC

Code	€	Working range ø (mm)	Stem (mm)	Stem length (mm)	Knurling tool size (mm)
A899290019	€	3-50	10x16	80,3	14,5x3x5
A899290021	€	3-50	12x16	80,3	14,5x3x5
A899290023	€	3-50	16x16	80,3	14,5x3x5

Code	€	Working range ø (mm)	Stem (mm)	Stem length (mm)	Knurling tool size (mm)
A899290025	€	5-250	20x25	110,3	21,5x5x8
A899290027	€	5-250	25x25	110,3	21,5x5x8



Chipping knurling tool

Knurling cutter paraxial for **chipping knurling** in HSS-E PM DIN 403 steel, ground teeth **without chamfers**.

HSS-E PM

DIN 403



A89929



A89930



A89931



A89932



A89933

AA paraxial shape (straight)

BL spiral shape 15° left

BL spiral shape 30° left

BR spiral shape 15° right

BR spiral shape 30° right

Final Code	A89929	A89930	A89931	A89932	A89933	ø (mm)	Thickness (mm)	Hole (mm)	pitch (mm)
8903	€	€	€	€	€	8,9	2,5	4	0,3
8904	€	€	€	€	€	8,9	2,5	4	0,4
8905	€	€	€	€	€	8,9	2,5	4	0,5
8906	€	€	€	€	€	8,9	2,5	4	0,6
8908	€	€	€	€	€	8,9	2,5	4	0,8
8910	€	€	€	€	€	8,9	2,5	4	1
1504	€	€	€	€	€	14,5	3	5	0,4
1505	€	€	€	€	€	14,5	3	5	0,5
1506	€	€	€	€	€	14,5	3	5	0,6
1508	€	€	€	€	€	14,5	3	5	0,8
1510	€	€	€	€	€	14,5	3	5	1
1512	€	€	€	€	€	14,5	3	5	1,2
2205	€	€	€	€	€	21,5	5	8	0,5
2206	€	€	€	€	€	21,5	5	8	0,6
2208	€	€	€	€	€	21,5	5	8	0,8
2210	€	€	€	€	€	21,5	5	8	1
2212	€	€	€	€	€	21,5	5	8	1,2
2215	€	€	€	€	€	21,5	5	8	1,5
2216	€	€	€	€	€	21,5	5	8	1,6
2220	€	€	€	€	€	21,5	5	8	2