

## Label description

The item number of tools without rings exists of 12 figures whereas the item number of tools with rings of 16 figures exists.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2	2	0	0	2	4	0	0	0	9	0	3	-	-	-	-
Tool type				Diameter				Flute length			Packing	Ring type		Ring distance	

Label for Euromagazine:



10 pcs flat box and 50 pcs box



### Key:

**1<sup>st</sup> figure:**

#### Finish

- 1 = diamond coated tools
- 2 = solid carbide tools without coating
- 4 = solid carbide drills with steel shank / composite
- 5 = coated tools (other coating types)
- 7 = solid carbide tools with shank-Ø 3.0 mm

**2<sup>nd</sup> - 4<sup>th</sup> figure:**

#### Router types

- 1xx = router, spiral patterned geometry (chip breaker)
  - x0x = right twisted
  - x1x = right twisted, reduced Ø-tolerance
  - x6x = left twisted
    - xx0 = fishtail cut
    - xx1 = left hand cut, fishtail cut
    - xx4 = drill point cut
- 2xx = router, diamond patterned geometry
  - x0x = right twisted
  - x6x = left twisted
    - xx0 = fishtail cut
    - xx4 = drill point cut
- 3xx = end mill (router with continuous flutes)
  - x2x = 2-flutes, right twisted
  - x6x = left twisted
    - xx0 = fishtail cut
    - xx2 = flat end cut
    - xx4 = drill point cut
  - x12 = single flute, right twisted, flat end cut
  - x30 = 3-flutes, right twisted, fishtail cut
  - x70 = finishing router, right twisted, fishtail cut
  - 380 = V-groove router, point angle 120°, right twisted, cone-shaped shell
  - 382 = V-groove router, point angle 30° with primary face, right twisted, c-s shell
  - 383 = V-groove router, point angle 30°, right twisted, cone-shaped shell
  - 384 = V-groove router, point angle 45°, right twisted, cone-shaped shell
  - 386 = V-groove router, point angle 60°, right twisted, cone-shaped shell
  - 389 = V-groove router, point angle 90°, right twisted, cone-shaped shell
- 42x = 2-flute end mill, right twisted, for aluminium
  - xx2 = flat end cut
  - xx4 = drill point cut
- 590 = countersink, right twisted, 5-flutes

**Drill types**

- 546** = slot drill, right twisted
- 6xx** = undercut drill, right twisted
  - x20** = 40° helix angle
  - x35** = 34° helix angle
- 8xx** = drill, back tapered, right twisted
  - x35** = 34° helix angle
  - x40** = 40° helix angle
- 900** = special tools

**5<sup>th</sup> - 8<sup>th</sup> figure:**

**Diameter**

- Example:           0.80 mm diameter = 0800  
                           1.10 mm diameter = 1100

**9<sup>th</sup> - 11<sup>th</sup> figure:**

**Flute length / point angle**

- Example:           7.0 mm flute length = 070  
                           10.5 mm flute length = 105  
                           90° point angle = 090

**12<sup>th</sup> figure:**

**Packing**

Figure	Kind of packing
<b>1</b>	50-pc. box at $\varnothing \leq 1.25\text{mm}$
<b>2</b>	25 pcs in 50-pc. box at $\varnothing > 1.25\text{mm}$
<b>3</b>	Euromagazine equipped with 10 tools
<b>4</b>	10-pc. flat box
<b>5</b>	Euromagazine equipped with 11 tools

**13<sup>th</sup> - 14<sup>th</sup> figure: Code number for ring type and colour**

**15<sup>th</sup> - 16<sup>th</sup> figure: Code number for ring setting distance**