

# WEINIG PowerLock Tool System



## Original WEINIG PowerLock Cutter Head Type 536

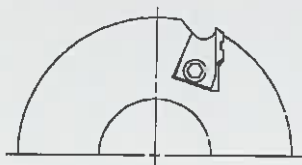
for processing smooth surfaces including knives

|                          |                    |     |
|--------------------------|--------------------|-----|
| Technical data:          | Ø 93 x 60 – 310 mm | HSK |
| Operating speed:         | up to 12000 rpm    |     |
| Number of cutting edges: | Z = 2              |     |
| Tool runout tolerance:   | 0.05mm             |     |

### Knife clamping technique and cutting edge geometry:

|                   |          |                          |
|-------------------|----------|--------------------------|
| Cutting angle 20° | Standard | Softwood / mixed species |
| Cutting angle 12° |          | Hardwood                 |

Knife clamping with CentroLock quick action clamping gib (gibs are clamped with 2 lateral locking screws)



### Knife materials:

| Cutting edge materials | Application                      | Tool life *      |
|------------------------|----------------------------------|------------------|
| HSS knives             | Softwood / hardwood              | 500 – 3000 lin.m |
| Carbide                | Hardwood /<br>exotic woods / MDF | 500 – 1500 lin.m |

**16 x 3 x L**



**16 x 3 x L**

\* Tool life may vary depending on feed speed, chip removal, wood quality, humidity, material content, inclusions and quality requirements. The data are approximate values

### Special features:

Fast exchange of knives, no additional setting devices necessary.

Constant diameter.

Reversible knives (2 useable cutting edges)

## Tools type 536 Z = 2

| Item no.          |            | Working width | Bore diameter | Number of cutting edge | Spindle       |
|-------------------|------------|---------------|---------------|------------------------|---------------|
| Cutting angle 27° |            |               |               |                        |               |
| HSS               | Carbide    |               |               |                        |               |
| 536.093.21        | 536.093.61 | 60 mm         | HSK           | 2                      | left / below  |
| 536.093.22        | 536.093.62 | 80 mm         | HSK           | 2                      | left / below  |
| 536.093.23        | 536.093.63 | 100 mm        | HSK           | 2                      | left / below  |
| 536.093.24        | 536.093.64 | 130 mm        | HSK           | 2                      | left / below  |
| 536.093.25        | 536.093.65 | 150 mm        | HSK           | 2                      | left / below  |
| 536.093.26        | 536.093.66 | 170 mm        | HSK           | 2                      | left / below  |
| 536.093.28        | 536.093.68 | 190 mm        | HSK           | 2                      | below         |
| 536.093.29        | 536.093.69 | 210 mm        | HSK           | 2                      | below         |
| 536.093.27        | 536.093.67 | 240 mm        | HSK           | 2                      | below         |
| 536.093.31        | 536.093.71 | 60 mm         | HSK           | 2                      | right / above |
| 536.093.32        | 536.093.72 | 80 mm         | HSK           | 2                      | right / above |
| 536.093.33        | 536.093.73 | 100 mm        | HSK           | 2                      | right / above |
| 536.093.34        | 536.093.74 | 130 mm        | HSK           | 2                      | right / above |
| 536.093.35        | 536.093.75 | 150 mm        | HSK           | 2                      | right / above |
| 536.093.36        | 536.093.76 | 170 mm        | HSK           | 2                      | right / above |
| 536.093.38        | 536.093.78 | 190 mm        | HSK           | 2                      | above         |
| 536.093.39        | 536.093.79 | 210 mm        | HSK           | 2                      | above         |
| 536.093.37        | 536.093.77 | 240 mm        | HSK           | 2                      | above         |

## Useful accessories

| Item no.     | Item description                | Dimension          |
|--------------|---------------------------------|--------------------|
| Upon request | Quick action clamping gib       |                    |
| 507.312.002  | Hammer for releasing the knives |                    |
| 00.600.199   | Spanner                         | Spanner width 5 mm |

Prices and additional dimensions upon request.