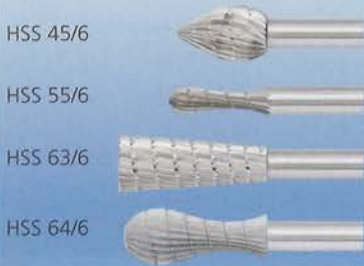


# HSS Rotary Cutters



## HSS Rotary Cutters, Special Shapes

### Special shapes shank dia. 6 mm

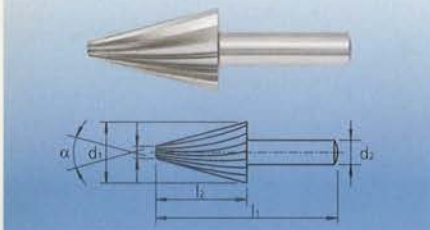


Rotary cutters in four special shapes with shank dia. 6 mm. Perfectly suited for diverse milling work due to different shapes.

**Ordering example:**  
EAN 4007220056776  
HSS 64/6 C3

| Order No.   | Cut<br>3 | Shank dia.<br>[mm] | Burr dia.<br>x length<br>[mm] | Overall<br>length<br>[mm] | Max.<br>burr dia.<br>[mm] | Min.<br>burr dia.<br>[mm] | Angle<br>$\alpha$ |  |  |
|-------------|----------|--------------------|-------------------------------|---------------------------|---------------------------|---------------------------|-------------------|---|---|
| EAN 4007220 |          |                    |                               |                           |                           |                           |                   |   |   |
| HSS 45/6    | 056035   | 6                  | 12 x 18                       | 58                        | 12                        | -                         | -                 | 5   | 95  |
| HSS 55/6    | 056424   | 6                  | 6 x 20                        | 60                        | 6                         | -                         | -                 | 5   | 60  |
| HSS 63/6    | 056738   | 6                  | 12 x 30                       | 70                        | 12                        | 8                         | 7°                | 5   | 130   |
| HSS 64/6    | 056776   | 6                  | 12 x 70                       | 70                        | 12                        | -                         | -                 | 5   | 115   |

### HSS antenna cutter





Conical cutter in special cut with shank dia. 8 mm.

#### Application:

- Stepless milling
- Enlarging bores and holes, e.g. antenna mounting holes in car bodies

#### Recommendation for use:

Speed range 200-500 RPM  
To be used for smallest burr dia., e.g. sheet edge work max. 9.000 RPM.

| Order No.   | Cut<br>Special cut | Shank dia.<br>$d_2$<br>[mm] | Burr dia. x length<br>$d_1 \times l_2$<br>[mm] | Overall length<br>$l_1$<br>[mm] | Max.<br>burr dia.<br>[mm] | Min.<br>burr dia.<br>[mm] | Angle<br>$\alpha$ |  |  |
|-------------|--------------------|-----------------------------|--|---------------------------------|---------------------------|---------------------------|-------------------|---|---|
| EAN 4007220 |                    |                             |  |                                 |                           |                           |                   |   |   |
| HSS 104/8   | 057902             | 8                           | 20 x 30  | 60                              | 20                        | 4                         | 31°               | 1   | 195   |

### HSS edge trimming cutter



With their three identical cutting areas, these HSS edge trimming cutters provides "three-in-one" versatility and achieve a much longer service life.



Cylindrical rotary cutter with triple, concave contour in special cut with shank dia. 6 mm.

#### Application:

- Edge breaking to a defined radius

#### Recommendation for use:

Cutting speed range 60-80 m/min,  
Speed range 3.100-4.200 RPM.  
For use on smallest burr dia., e.g. sheet edge work max. 9.000 RPM.

| Order No.   | Cut<br>Special cut | Shank dia.<br>$d_2$<br>[mm] | Burr dia. x length<br>$d_1 \times l_2$<br>[mm] | Overall length<br>$l_1$<br>[mm] | Max.<br>burr dia.<br>[mm] | Min.<br>burr dia.<br>[mm] | Radius<br>$r$<br>[mm] |  |  |
|-------------|--------------------|-----------------------------|--|---------------------------------|---------------------------|---------------------------|-----------------------|---|---|
| EAN 4007220 |                    |                             |  |                                 |                           |                           |                       |   |   |
| HSS 156/6   | 057964             | 6                           | 8 x 30   | 70                              | 8                         | 5,5                       | 5,0                   | 1   | 92  |

Versatile rotary cutters for general use on aluminium, similar to tree shape.

Available in two different special cuts with female thread M10.

**Recommendation for use:**



For work on soft non-ferrous metals  
 Cutting speed range 200-300 m/min  
 Speed range 3.100-4.700 RPM  
 For work on aluminium applications up to max. 9.000 RPM.

**Ordering note:**  
 HSS 120 is delivered with chip breaker.

**Ordering example:**  
 EAN 4007220057919  
 HSS 119 M10 special cut

**HSS aluminium cutters with female thread**



| Order No.   | Cut         | Max. burr dia. [mm] | Burr dia. x length [mm] | Overall length [mm] | Inside thread DIN | Suitable holder |  |  |
|-------------|-------------|---------------------|-------------------------|---------------------|-------------------|-----------------|---|---|
|             | Special cut |                     |                         |                     |                   |                 |   |   |
| HSS 119 M10 | 057919      | 20                  | 53                      | 62                  | M10               | 6/10, 8/10      | 1   | 390   |
| HSS 120 M10 | 057926      | 20                  | 45                      | 54                  | M10               | 6/10, 8/10      | 1   | 330   |

### Arbors



Suitable for tools with female thread M10.

**Ordering example:**  
 4007220062111  
 BO 6/10

**Arbor for tools with female thread**



| Order No. | EAN 4007220 | Shank dia. [mm] | Shank length [mm] | Thread (DIN) |  |  |
|-----------|-------------|-----------------|-------------------|--------------|---|---|
| BO 6/10   | 062111      | 6               | 40                | M10          | 1   | 22  |
| BO 8/10   | 062128      | 8               | 40                | M10          | 1   | 32  |

## HSS Engraving Cutters Shank Dia. 6 mm



For fine-machining small and hard-to-reach places.

Available in special cut, different head shapes and dimensions.

**Ordering example:**  
 EAN 4007220057971  
 301/6 special cut

**HSS engraving cutters**



| Order No. | Cut         | Shank dia. [mm] | Shank length [mm] | Burr dia. x length [mm] | Angle $\alpha$ |  |  |
|-----------|-------------|-----------------|-------------------|-------------------------|----------------|---|---|
|           | Special cut |                 |                   |                         |                |   |   |
| 301/6     | 057971      | 6               | 40                | 3,0 x 2,7               | -              | 5   | 62  |
| 305/6     | 058015      | 6               | 40                | 3,0 x 4,5               | -              | 5   | 62  |
| 306/6     | 058022      | 6               | 40                | 3,0 x 4,5               | 34°            | 5   | 62  |
| 307/6     | 058039      | 6               | 40                | 3,0 x 4,5               | -              | 5   | 62  |
| 311/6     | 058077      | 6               | 40                | 6,0 x 5,6               | -              | 5   | 66  |