



## ***DRY MACHINING OF ALUMINUM PROFILES***



# // Content



|                      |    |
|----------------------|----|
| // Advantages        | 4  |
| // Savings potential | 6  |
| // End mills         | 8  |
| // Drills            | 12 |
| // Machine taps      | 14 |
| // Saw blades        | 16 |
| // Customised tools  | 20 |
| // Inquiry form      | 22 |

# // Advantages

## Burr-free processing

With the help of our Desert Cut tools you can significantly improve the surface quality of your machined components. By means of special cutting geometry and a coating optimised for dry machining, components can be processed almost **burr-free**.



## Removal of coolant lubricants

By using Desert Cut tools and the consequent dry machining, an enormous amount of cooling lubricants can be saved in contrast to wet machining. This results in **considerable cost savings**.



## Up to 5 times longer tool service life

By using Desert Cut tools, up to **5 times** longer tool service life can be achieved.



## No need to wash the profiles

In contrast to wet machining, there is no need to wash the profiles after processing. Such optimization is **cost and time saving**. This is particularly relevant before subsequent processing such as coating.



## Dry chips

The absence of cooling lubricants results in dry chips during machining. This facilitates **handling** enormously and, apart from that, a higher scrap price can be achieved due to better **recyclability**.



## Environmental benefits

Due to dry machining, a huge amount of cooling lubricants can be saved. Thus, the consumption of high volumes of **drinking water** and environmentally **harmful oils** can be avoided, as well as the resource-consuming processing of old materials. This significantly reduces the environmental impact, which in turn contributes to **environmental protection**.



## Employee protection

Desert Cut tools can vastly improve the **air quality** in your manufacturing facility. By eliminating the **aerosols** and **vapours** released by the use of cooling lubricants, the health impact is getting considerably reduced. This, in turn, has a particularly positive effect on **employee protection**.



## Processing of anodized components

Desert-Cut tools can be used to process not only bare aluminium profiles but also already **anodized profiles**.

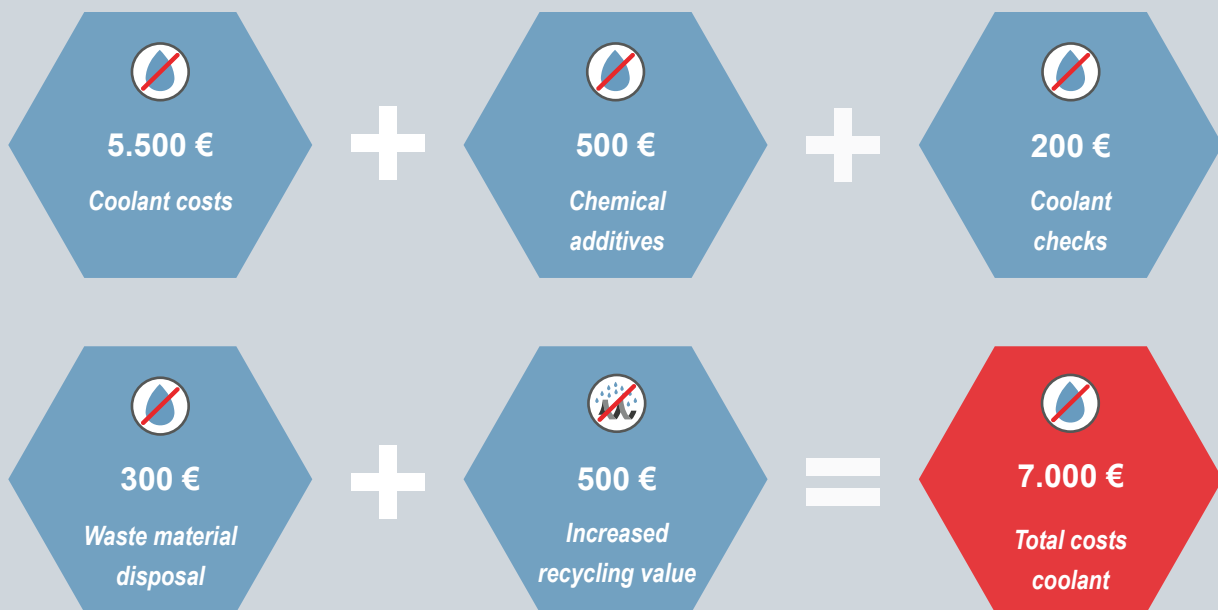


# // Savings potential

## Dry machining - Immense cost-saving potential

The use of cooling lubricants results in **high costs**, which can be **reduced** by using Desert Cut tools and the resulting dry machining. Additionally, costs can be saved due to **burr-free processing** and **longer tool life**. The following exemplary calculation illustrates the possible savings potential of a machine per year. The example is based on a scenario of serial production with an output of 100,000 pieces per year.

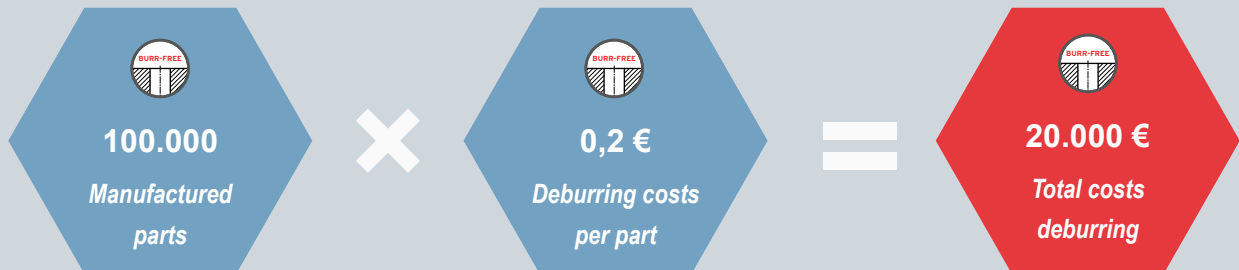
### Savings via coolant elimination



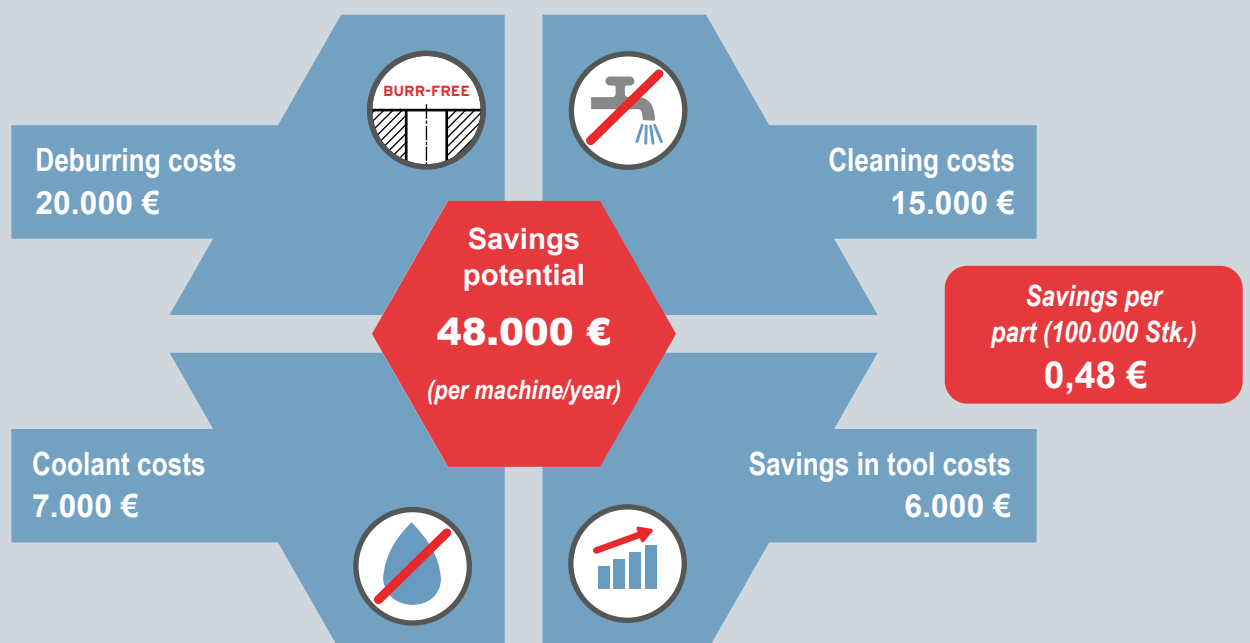
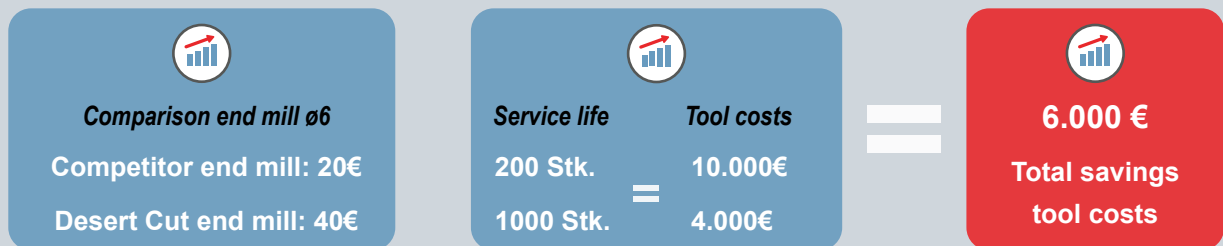
### Savings due to omission of cleaning



## Savings due to elimination of deburring



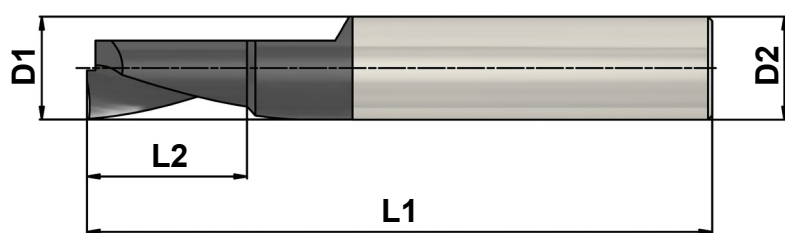
## Savings due to tool costs



# // End mills

## Solid carbide end mills - 1,5 x D For dry cutting of aluminium profiles

From  $\varnothing$  12mm the tools are balanced according to DIN ISO 1960 G6.3



vc (m/min)  
Cutting speed  
150 - 300

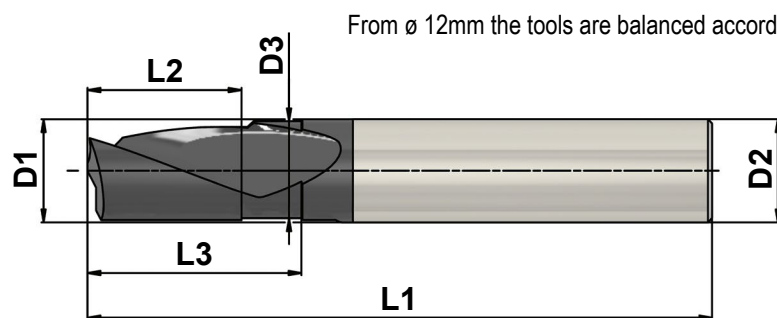
fz (mm)  
Feed per tooth  
0.07 - 0.25



| Article Nr. | D1 (mm) | D2 (mm) | L1 (mm) | L2 (mm) | Z |
|-------------|---------|---------|---------|---------|---|
| 109 020     | 2       | 6       | 50      | 4       | 1 |
| 109 030     | 3       | 6       | 50      | 4       | 1 |
| 109 040     | 4       | 6       | 50      | 6       | 1 |
| 109 050     | 5       | 6       | 50      | 7.5     | 1 |
| 109 060     | 6       | 6       | 50      | 9       | 1 |
| 109 070     | 7       | 8       | 50      | 10.5    | 1 |
| 109 080     | 8       | 8       | 50      | 12      | 1 |
| 109 090     | 9       | 10      | 60      | 13.5    | 1 |
| 109 100     | 10      | 10      | 60      | 15      | 1 |
| 109 110     | 11      | 12      | 73      | 16.5    | 1 |
| 109 120     | 12      | 12      | 73      | 18      | 1 |
| 109 130     | 13      | 14      | 75      | 19.5    | 1 |
| 109 140     | 14      | 16      | 75      | 21      | 1 |
| 109150      | 15      | 16      | 82      | 22.5    | 1 |
| 109 160     | 16      | 16      | 82      | 24      | 1 |
| 109 170     | 17      | 18      | 84      | 25.5    | 1 |
| 109 180     | 18      | 18      | 84      | 27      | 1 |
| 106 211     | 20      | 20      | 140     | 30      | 1 |

## Solid carbide end mills - reduced neck - 1,5 x D

For dry cutting of aluminium profiles



From  $\varnothing 12\text{mm}$  the tools are balanced according to DIN ISO 1960 G6.3

vc (m/min)  
Cutting speed  
150 - 300

fz (mm)  
Feed per tooth  
0.07 - 0.25

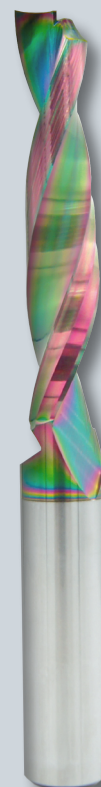
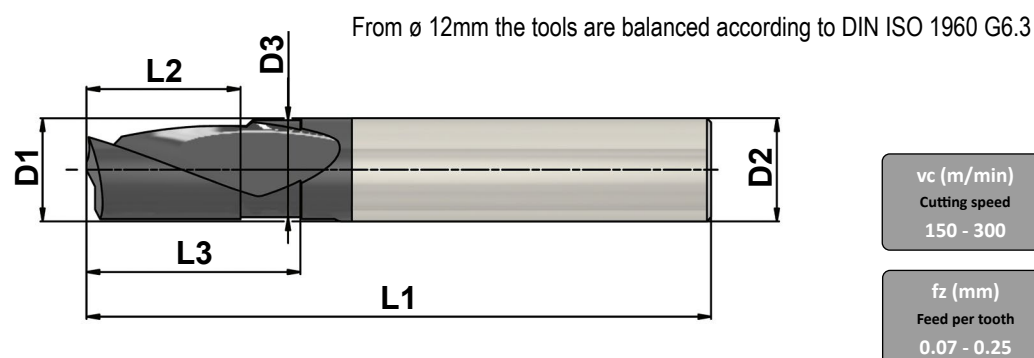


| Article Nr. | D1 (mm) | D3 (mm) | D2 (mm) | L1 (mm) | L2 (mm) | L3 (mm) | Z |
|-------------|---------|---------|---------|---------|---------|---------|---|
| 109020 UC   | 2       | 2       | 6       | 50      | 4       | 10      | 1 |
| 109030 UC   | 3       | 3       | 6       | 50      | 4       | 10      | 1 |
| 109040 UC   | 4       | 4       | 6       | 50      | 6       | 12      | 1 |
| 109 050 UC  | 5       | 5       | 6       | 50      | 7.5     | 15      | 1 |
| 109 060 UC  | 6       | 6       | 6       | 50      | 9       | 17      | 1 |
| 109 070 UC  | 7       | 7       | 8       | 50      | 10.5    | 18      | 1 |
| 109 080 UC  | 8       | 7.5     | 8       | 50      | 12      | 18      | 1 |
| 109 090 UC  | 9       | 8.5     | 10      | 60      | 13.5    | 20      | 1 |
| 109 100 UC  | 10      | 9.5     | 10      | 60      | 15      | 20      | 1 |
| 109 110 UC  | 11      | 10.5    | 12      | 73      | 16.5    | 25      | 1 |
| 109 120 UC  | 12      | 11.5    | 12      | 73      | 18      | 25      | 1 |
| 109 130 UC  | 13      | 12.5    | 14      | 75      | 19.5    | 28      | 1 |
| 109 140 UC  | 14      | 13.5    | 16      | 75      | 21      | 30      | 1 |
| 109 150 UC  | 15      | 14.5    | 16      | 82      | 22.5    | 35      | 1 |
| 109 160 UC  | 16      | 15.5    | 16      | 82      | 24      | 35      | 1 |
| 109 170 UC  | 17      | 16.5    | 18      | 84      | 25.5    | 37      | 1 |
| 109 180 UC  | 18      | 17.5    | 18      | 84      | 27      | 37      | 1 |

# // End mills

## Solide carbide end mills - Special lengths

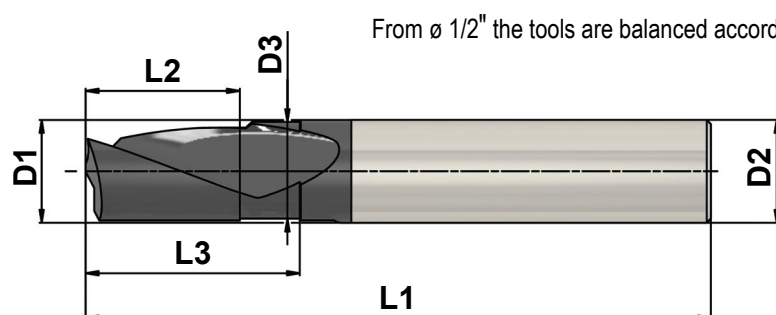
For dry cutting of aluminium profiles



| Article Nr. | D1 (mm) | D3 (mm) | D2 (mm) | L1 (mm) | L2 (mm) | L3 (mm) | Z |
|-------------|---------|---------|---------|---------|---------|---------|---|
| 106 412     | 2       | 2       | 4       | 40      | 7       | 10.4    | 1 |
| 106 400     | 3       | 3       | 4       | 50      | 9       | 13.9    | 1 |
| 106 413     | 3       | 3       | 3       | 38      | 7       | 11      | 1 |
| 106 401     | 4       | 3.8     | 6       | 57      | 11      | 18      | 1 |
| 106 414     | 4       | 4       | 4       | 50      | 8       | 22      | 1 |
| 106 415     | 5       | 4.8     | 6       | 57      | 15      | 19.4    | 1 |
| 106 402     | 6       | 5.7     | 6       | 65      | 18      | 28      | 1 |
| 106 416     | 6       | 6       | 6       | 100     | 25      |         | 1 |
| 106 403     | 8       | 7.7     | 8       | 63      | 19      | 26      | 1 |
| 106 404-1   | 8       | 8       | 8       | 75      | 32      | 39      | 1 |
| 106 417     | 10      | 9.5     | 10      | 80      | 30      | 38      | 1 |
| 106 418     | 10      | 10      | 10      | 100     | 40      | 60      | 1 |
| 106 419-1   | 12      | 11.5    | 12      | 83      | 26      | 36      | 1 |
| 106 420-1   | 12      | 12      | 12      | 100     | 48      | 55      | 1 |
| 106 421-1   | 16      | 15.5    | 16      | 108     | 48      | 58      | 1 |
| 106 498-1   | 16      | 16      | 16      | 150     | 80      |         | 1 |

## Solide carbide end mills - Inch diameters

### For dry cutting of aluminium profiles



From  $\varnothing 1/2''$  the tools are balanced according to DIN ISO 1960 G6.3

vc (m/min)  
Cutting speed  
150 - 300

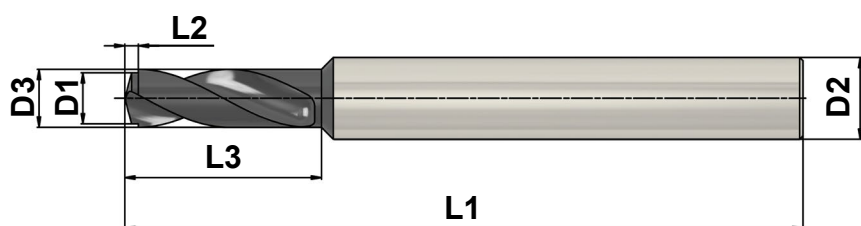
fz (mm)  
Feed per tooth  
0.07 - 0.25



| Article Nr. | D1 (in) | D2 (in) | D3 (mm) | L1 (mm) | L2 (mm) | L3 (mm) | Z |
|-------------|---------|---------|---------|---------|---------|---------|---|
| 107 340     | 1/4"    | 1/4"    | 6       | 50      | 10      | 18      | 1 |
| 107 291     | 1/4"    | 1/4"    |         | 50      | 10      |         | 1 |
| 107 341     | 3/8"    | 3/8"    | 9.3     | 60      | 15      | 20      | 1 |
| 107 292     | 3/8"    | 3/8"    |         | 60      | 15      |         | 1 |
| 107 342     | 1/2"    | 1/2"    | 12.3    | 80      | 19      | 26      | 1 |
| 107 293     | 1/2"    | 1/2"    |         | 73      | 19      |         | 1 |
| 107 339     | 5/8"    | 5/8"    | 15.5    | 90      | 24      | 34      | 1 |
| 107 343     | 3/4"    | 3/4"    | 19      | 110     | 30      | 45      | 1 |
| 107 344     | 1"      | 1"      | 25.3    | 120     | 40      | 50      | 1 |

# // Drills

## Solid carbide drills - Burr free cutting results For dry cutting of aluminium profiles

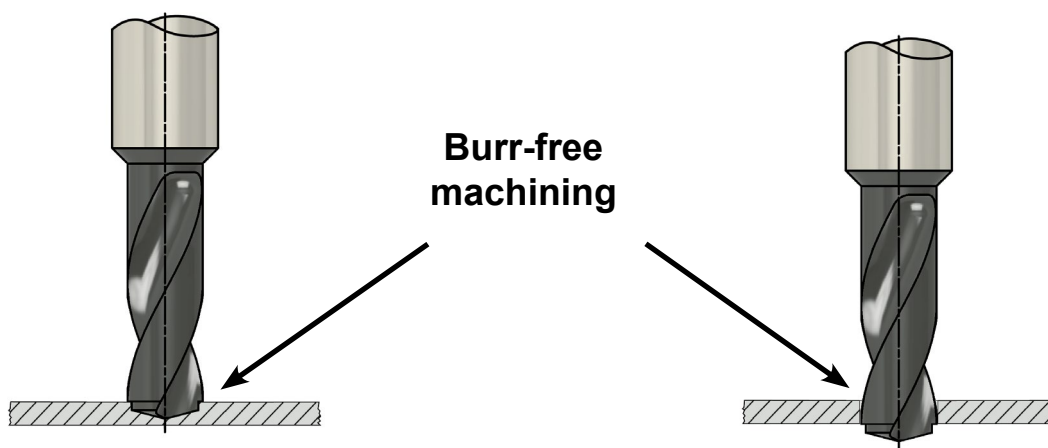


vc (m/min)  
Cutting speed  
300 - 400

fz (mm)  
Feed per tooth  
0.07 - 0.25



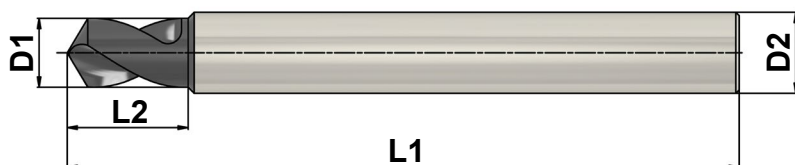
| Article Nr. | D1 (mm) | D3 (mm) | D2 (mm) | L1 (mm) | L2 (mm) | L3 (mm) |
|-------------|---------|---------|---------|---------|---------|---------|
| 209 020     | 1       | 2       | 6       | 50      | 2       | 10      |
| 209 030     | 2       | 3       | 6       | 50      | 2       | 10      |
| 209 040     | 3       | 4       | 6       | 60      | 2       | 12      |
| 106 526-1   | 3.85    | 4.85    | 6       | 65      | 2       | 15      |
| 209 050     | 4       | 5       | 6       | 70      | 2       | 15      |
| 209 050     | 4.5     | 5.5     | 8       | 105     | 2       | 35      |
| 209 060     | 5       | 6       | 6       | 70      | 2       | 17      |
| 106 527-1   | 5.4     | 6.4     | 8       | 55      | 2       | 15      |
| 106 557-1   | 5.7     | 6.7     | 8       | 65      | 2       | 15      |
| 209 070     | 6       | 7       | 8       | 90      | 2       | 18      |
| 106 528-1   | 6.1     | 7.1     | 8       | 55      | 2       | 15      |
| 106 517-1   | 6.5     | 7.5     | 8       | 110     | 2       | 45      |
| 209 080     | 7       | 8       | 8       | 100     | 2       | 18      |
| 106 529-1   | 7.1     | 8.1     | 10      | 55      | 2       | 15      |
| 107 030     | 7.5     | 8.5     | 12      | 128     | 2       | 62      |
| 106 546-1   | 8.13    | 9.13    | 10      | 75      | 2       | 15      |



Due to the integrated **pre-drilling stage** Desert Cut drills are designed for **burr-free machining** of aluminium profiles

## Solid carbide core drills

For dry cutting of aluminium profiles



vc (m/min)  
Cutting speed  
300 - 400

fz (mm)  
Feed per tooth  
0.07 - 0.25

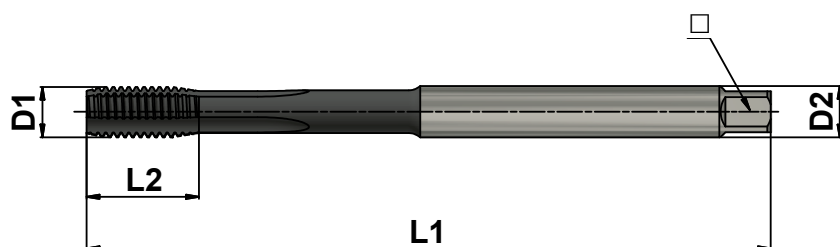


| Article Nr. | D1 (mm) | D2 (mm) | L1 (mm) | L2 (mm) | Thread |
|-------------|---------|---------|---------|---------|--------|
| 219 025     | 2.5     | 6       | 50      | 10      | M3     |
| 219 033     | 3.3     | 6       | 50      | 10      | M4     |
| 219 042     | 4.2     | 6       | 60      | 12      | M5     |
| 219 050     | 5.0     | 6       | 70      | 15      | M6     |
| 219 068     | 6.8     | 8       | 70      | 17      | M8     |
| 219 085     | 8.5     | 10      | 90      | 18      | M10    |
| 219 102     | 10.2    | 12      | 100     | 18      | M12    |

# // Machine taps

## Machine taps - Clearance holes

For dry cutting of aluminium profiles



vc (m/min)  
Cutting speed  
30 - 40



### Technology

**Thread type:** Metric ISO thread, DIN 13

**Thread length:** 2 x D

**Design:** Spiral point grinding

**Cutting direction:** RH

**Shank:** D1 ≤ M10 = DIN 371; D1 ≥ M12 = DIN 376

**Tolerance:** ISO2 (6H)

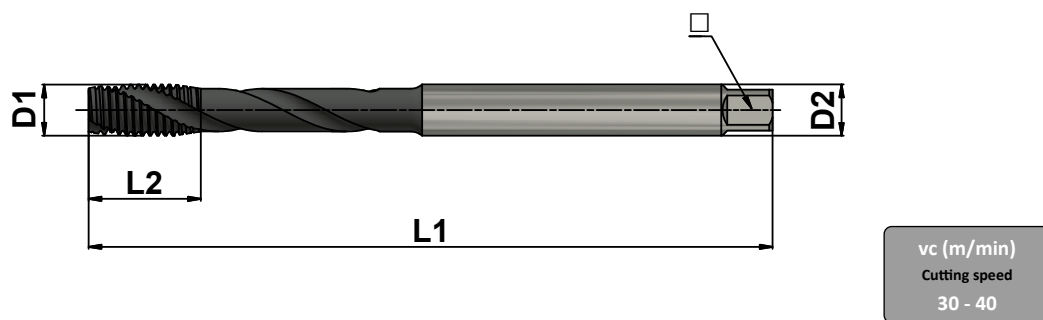
**Gate length:** B / 3,5-5 x P

**Execution:** HSS-PM

| Article Nr. | D1 (mm) | D2 (mm) | Core ø (mm) | L1 (mm) | L2 (mm) | □ (mm) | P <sub>mm</sub> |
|-------------|---------|---------|-------------|---------|---------|--------|-----------------|
| 309 030     | M3      | 3.5     | 2.5         | 56      | 11      | 2.7    | 0.5             |
| 309 040     | M4      | 4.5     | 3.3         | 63      | 13      | 3.4    | 0.7             |
| 309 050     | M5      | 6       | 4.2         | 70      | 15      | 4.9    | 0.8             |
| 309 060     | M6      | 6       | 5.0         | 80      | 17      | 4.9    | 1               |
| 309 080     | M8      | 8       | 6.8         | 90      | 20      | 6.2    | 1.25            |
| 309 100     | M10     | 10      | 8.5         | 100     | 22      | 8      | 1.5             |
| 309 120     | M12     | 9       | 10.2        | 110     | 24      | 7      | 1.75            |

## Machine taps - Blind holes

For dry cutting of aluminium profiles



### Technology

**Thread type:** Metric ISO thread, DIN 13

**Thread length:** 2 x D

**Design:** RH spiral flutes 30°

**Cutting direction:** RH

**Shank:** D1 ≤ M10 = DIN 371; D1 ≥ M12 = DIN 376

**Tolerance:** ISO2 (6H)

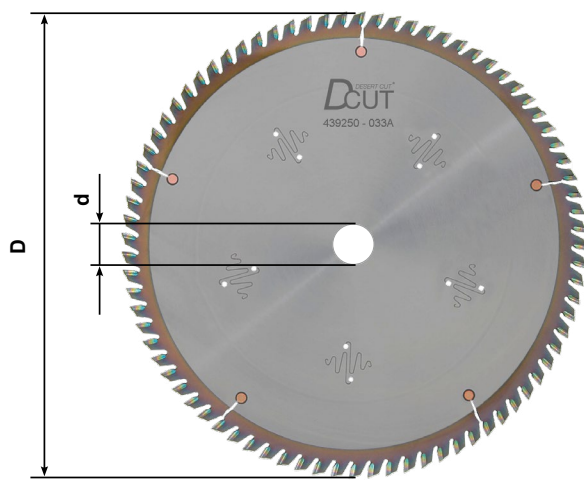
**Gate length:** B / 3,5-5 x P

**Execution:** HSS-PM

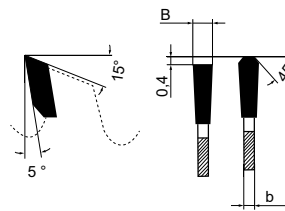
| Article Nr. | D1 (mm) | D2 (mm) | Core ø (mm) | L1 (mm) | L2 (mm) | □ (mm) | P <sub>mm</sub> |
|-------------|---------|---------|-------------|---------|---------|--------|-----------------|
| 319 030     | M3      | 3.5     | 2.5         | 56      | 6       | 2.7    | 0.5             |
| 319 040     | M4      | 4.5     | 3.3         | 63      | 7       | 3.4    | 0.7             |
| 319 050     | M5      | 6       | 4.2         | 70      | 8       | 4.9    | 0.8             |
| 319 060     | M6      | 6       | 5.0         | 80      | 10      | 4.9    | 1               |
| 319 080     | M8      | 8       | 6.8         | 90      | 13      | 6.2    | 1.25            |
| 319 100     | M10     | 10      | 8.5         | 100     | 15      | 8      | 1.5             |
| 319 120     | M12     | 9       | 10.2        | 110     | 18      | 7      | 1.75            |

# // Saw blades

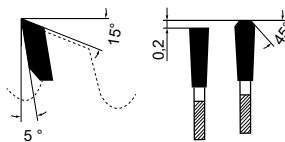
## Solide carbide Desert Cut saw blades For dry cutting of aluminium profiles



Several times regrindable and recoatable



Tripple-chip flat tooth (FT)  
ab Teilung ≤ 20,5



Tripple-chip flat tooth (FT)  
ab Teilung ≥ 20,5

**Feed rate:**

$$V_f = \frac{1000 * f_z * V_c}{T}$$

**Speed:**

$$n = \frac{1000 * V_c}{D * \pi}$$

V<sub>f</sub> ... Feed rate (mm/min)

f<sub>z</sub> ... Forward feed per tooth (mm/z)

V<sub>c</sub> ... Cutting speed (m/min)

n ... Speed (min<sup>-1</sup>)

D ... Saw blade diameter (mm)

T ... Tooth pitch (mm)

|   | Article Nr.    | D mm | B mm | b mm | d mm | NL mm   | Z     |
|---|----------------|------|------|------|------|---------|-------|
| ● | 439 200 028    | 200  | 2.8  | 2.2  | 20   | 2/6/32  | 72FT  |
|   | 439 200 033    | 200  | 3.3  | 2.8  | 30   | 2/7/42  | 54FT  |
|   | 439 250 033    | 250  | 3.3  | 2.8  | 30   | NLK     | 66FT  |
| ● | 439 250 033 80 | 250  | 3.3  | 2.8  | 30   | NLK     | 80FT  |
| ● | 439 280 032    | 280  | 3.2  | 2.6  | 30   | NLK     | 96FT  |
| ● | 439 300 033    | 300  | 3.3  | 2.8  | 30   | NLK     | 96FT  |
| ● | 439 300 035 A  | 300  | 3.5  | 3.0  | 30   | NLK     | 84FT  |
|   | 439 300 035 B  | 300  | 3.5  | 3.0  | 32   | 2/10/63 | 84FT  |
|   | 439 300 036    | 300  | 3.6  | 3.0  | 30   | NLK     | 72FT  |
|   | 439 320 035    | 320  | 3.5  | 3.0  | 30   | NLK     | 84FT  |
|   | 439 350 032    | 350  | 3.2  | 2.6  | 30   | NLK     | 108FT |
| ● | 439 350 035    | 350  | 3.5  | 3.0  | 30   | NLK     | 90FT  |
|   | 439 350 036    | 350  | 3.6  | 3.0  | 30   | NLK     | 84FT  |
|   | 439 350 042    | 350  | 4.2  | 3.4  | 30   | NLK     | 54FT  |

● Available from stock; Remaining positions on request

|   | Article Nr.     | D1 mm | B1 mm | B2 mm | D2 mm | NL mm             | Z     |
|---|-----------------|-------|-------|-------|-------|-------------------|-------|
|   | 439 350 042 72  | 350   | 4.2   | 3.4   | 30    | NLK               | 72FT  |
| ● | 439 400 036     | 400   | 3.6   | 3.0   | 30    | NLK               | 96FT  |
|   | 439 400 036 120 | 400   | 3.6   | 3.0   | 30    | NLK               | 120FT |
|   | 439 400 042     | 400   | 4.2   | 3.4   | 30    | NLK               | 60FT  |
|   | 439 400 042 72  | 400   | 4.2   | 3.4   | 30    | NLK               | 72FT  |
| ● | 439 400 044     | 400   | 4.4   | 3.8   | 40    | 2/15/80 + 2/12/64 | 96FT  |
| ● | 439 420 035     | 420   | 3.5   | 3.0   | 30    | 2/10,5/70         | 96FT  |
|   | 439 420 038     | 420   | 3.8   | 3.0   | 30    | 2/10,5/70         | 56FT  |
| ● | 439 450 044     | 450   | 4.4   | 3.8   | 30    |                   | 96FT  |
|   | 439 450 044 102 | 450   | 4.4   | 3.8   | 30    |                   | 102FT |
| ● | 439 450 044 120 | 450   | 4.4   | 3.8   | 30    |                   | 120FT |
|   | 439 450 048     | 450   | 4.8   | 3.8   | 30    |                   | 72FT  |
| ● | 439 500 040     | 500   | 4.0   | 3.4   | 30    |                   | 120FT |
| ● | 439 500 040 144 | 500   | 4.0   | 3.4   | 30    |                   | 144FT |
|   | 439 500 044     | 500   | 4.4   | 3.6   | 30    |                   | 68FT  |
|   | 439 500 044 120 | 500   | 4.4   | 3.8   | 30    | 2/10,5/70         | 120FT |
| ● | 439 500 048     | 500   | 4.8   | 4.0   | 30    |                   | 96FT  |
|   | 439 500 048 120 | 500   | 4.8   | 4.2   | 30    |                   | 120FT |
|   | 439 500 050     | 500   | 5.0   | 4.0   | 30    |                   | 72FT  |

Circular saw blades > Ø 500 mm available, but due to technical reasons without coating for dry machining

**Application:** Sizing and cross cut in profiles, plates, blocks, rods

**Design:** Desert Cut circular saw blades are designed for dry machining. The circular saw blade has a stable base body and a different number of teeth depending on the field of application. Due to the optimization of the main blade design, very quiet and low-vibration cutting results can be achieved. In addition, the circular saw blades from a diameter of 300 mm are manufactured with noise-reducing and riveted expansion slots.

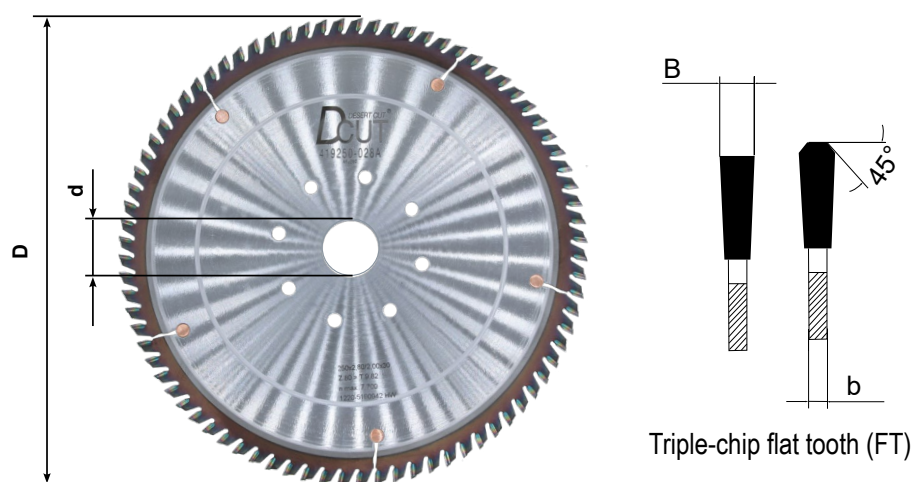
**Material:** Aluminium, brass, copper alloy, plastic

**Machine:** Double mitre saw, sizing saw, CNC machining center, automatic cross-cut saw

**Tooth:** Triple-chip flat tooth (FT) positiv, HW

# // Saw blades

## Solide carbide Desert Cut Pro saw blades For dry cutting of aluminium profiles



Several times regrindable and recoatable

Feed rate:

$$V_f = \frac{1000 * f_z * V_c}{T}$$

Speed:

$$n = \frac{1000 * V_c}{D * \pi}$$

Vf ... Feed rate (mm/min)

fz ... Forward feed per tooth (mm/z)

Vc ... Cutting speed (m/min)

n ... Speed (min<sup>-1</sup>)

D ... Saw blade diameter (mm)

T ... Tooth pitch (mm)

| Article Nr. | D mm | B mm | b mm | d mm | Z   |
|-------------|------|------|------|------|-----|
| 419 250 028 | 250  | 2.8  | 2.0  | 30   | 80  |
| 419 300 030 | 300  | 3.0  | 2.2  | 30   | 96  |
| 419 350 036 | 350  | 3.6  | 3.0  | 30   | 96  |
| 419 400 038 | 400  | 3.8  | 3.0  | 30   | 96  |
| 419 420 038 | 420  | 3.8  | 3.0  | 30   | 96  |
| 419 450 040 | 450  | 4.0  | 3.4  | 30   | 102 |
| 419 500 040 | 500  | 4.0  | 3.4  | 30   | 120 |

Material example  
(DIN EN 10027)

AlMn (AlMn1Cu) (3003), AlMg (AlMg2) (5251)  
AlCuMg (AlZnMg3Cu) (7022)

Cutting speed  
vc (m/min)

2000 - 4800  
2000 - 4000

Feed per tooth  
fz (mm/z)

0.005 - 0.03  
0.005 - 0.03

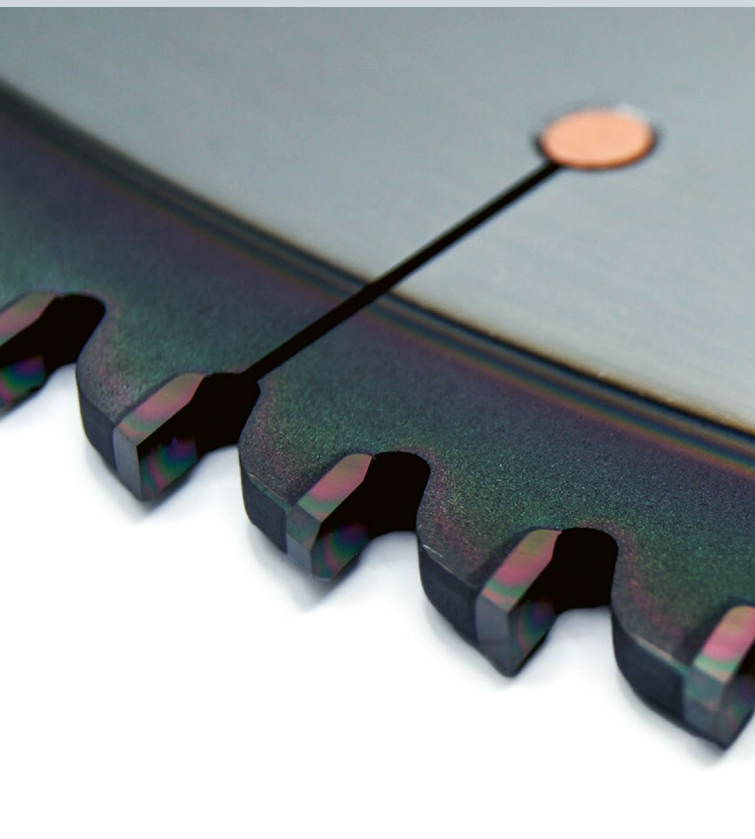
**Application:** Cross cuts and final processing of aluminium profiles

**Design:** Desert-Cut saw blades are designed for dry machining. In addition, the riveted construction ensures extremely quiet and vibration-free cutting results. Moreover, the saw blade impresses with burr-free cutting results and excellent cutting quality, which is caused by the particularly grinded cutting edge. As a result, enormous savings concerning post-processing activities and a shortened cycle time can be achieved. Furthermore, the Desert-Cut saw blades are offering a longer lifetime in comparison to conventional saw blades.

**Material:** Aluminium alloys (anodised), profiles up to 10 mm thickness

**Machine:** Mechanic cross-cut saws, flush-mounted cross-cut saws, machining centre with sawing aggregate, revolving transfer machine, continuous casting plants

**Tooth:** Triple-chip flat tooth (FT), HW



# // Customised tools

## Customised Desert Cut tools

### For dry cutting of aluminium profiles

Desert Cut has mastered the art of **coolant-free** processing of aluminium profiles. We provide a full range of standardised solutions – However, depending on the kind of processing, standardised solutions have their limits. We are committed to serve our clients with a high level of quality and service. This is why we supply **semi-standard tools** and **customised solutions**, to meet your unique needs. Be efficient, be coolant-free, use Desert Cut.

In order to find the optimal solution and to check the feasibility, please contact us. For customized solid carbide drills and solid carbide end mills, please feel free to use the inquiry form on page 22. Then we will take all possible steps to develop your **tailor-made Desert Cut tool**.

**Roughing cutter**



**Chamfering tool**



**Ball nose end mill**



**Step drill**



**Centre drill**



**Drill - customized length**



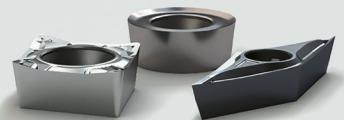
**Tap - customized length**



**Porcupine cutter**



**Indexable inserts**



# // Inquiry form customised

## Desert Cut tools

Date

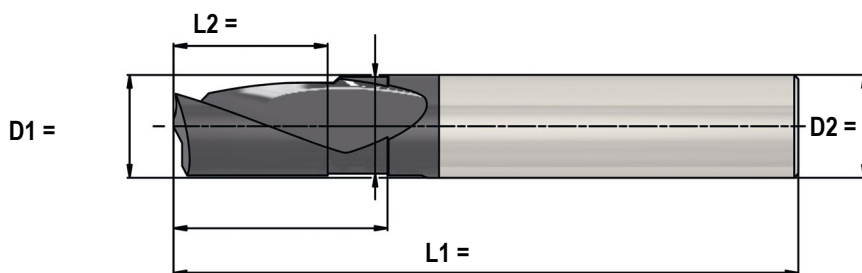
Company

Contact person

E-mail address

Phone no.

### Customised - Solid carbide end mill



Quantity \*

Graduated  
Prices

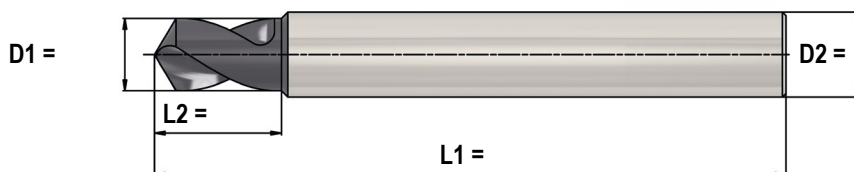
2 pcs.

5 pcs.

10 pcs.

Comment

### Customised - Solid carbide drill



Quantity \*

Graduated  
Prices

2 pcs.

5 pcs.

10 pcs.

Comment

Please fill out the PDF or print form and send it to [office@mkofler.at](mailto:office@mkofler.at)  
You will then receive a quote for a customised Desert Cut tool.

\* 2 pcs. minimum order quantity for  
customized tools

// Inquiry form

Catalogue tools

Link to the website and  
catalogue products:

[www.desert-cut.com](http://www.desert-cut.com)

|                |  |
|----------------|--|
| Date           |  |
| Company        |  |
| Contact person |  |
| E-mail adress  |  |
| Phone no.      |  |

Solid carbide end mills

|                 |  |
|-----------------|--|
| <u>Quantity</u> |  |
| <u>Comment</u>  |  |

Solid carbide drills

|                 |  |
|-----------------|--|
| <u>Quantity</u> |  |
| <u>Comment</u>  |  |

Machine taps

|                 |  |
|-----------------|--|
| <u>Quantity</u> |  |
| <u>Comment</u>  |  |

Desert Cut sawblades

|                 |  |
|-----------------|--|
| <u>Quantity</u> |  |
| <u>Comment</u>  |  |

Please fill out the PDF or print form and send it to office@mkofler.at  
You will then receive a quote for the selected Desert Cut tools.



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Industriezone B14

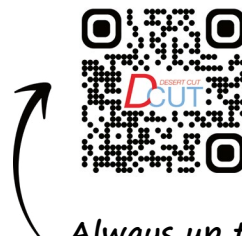
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*Always up to  
date on our website*