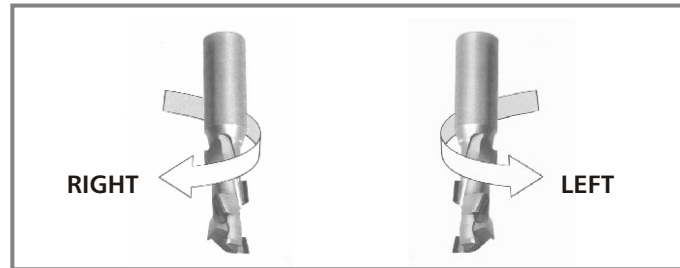


## 7.1 PCD TOOLS

### Method of order by PCD tools



#### 1. Circular saw blades

Specification of tool parameters, like by circular saw blades with carbide parts, giving by order :

1. Tooth shape (mainly AA, BA, EA, RA)
2. Full diameter
3. Width of kerf
4. Thickness of circular saw blade
5. Inside diameter
6. No. of teeth
7. Additionally pinholes
8. It should be specified additional height of PCD tip, which have directly influence on no. of sharpenings

Exemplary order :

1    2    3    4    5    6    7    8  
DIA EA - 450 - 4,8/3,5 - d60 - z 72 - 4x10 D/C 100 - H=6

#### 2. Straight shank cutters and profile shank cutters

The order for shank cutters should specify following parameters :

1. Working diameter of shank cutter
2. Length of working part ( re. : straight shank cutters )
3. Total length
4. Diameter of cutter arbor
5. No. of teeth
6. Sense of rotations - right or left
7. Drawing of profile ( by profile cutter )

Exemplary order :

1    2    3    4    5    6  
DIA 12 - 25,4 - 70 - d12 - z1+1 - RIGHT

#### 3. Straight arbor milling cutters and profile milling cutters

The order for arbor milling cutters should specify following parameters :

1. Full diameter
2. Width of tool
3. Inside diameter
4. No. of teeth
5. It should be specified height of PCD tip, which have directly influence on no. of sharpenings
6. Drawing of profile ( by profile cutter )

Exemplary order :

1    2    3    4    5  
DIA 200 - 20 - d40 - z16 - H=4

○ - tools upon request

● - tools available from stock