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**OERTLI**   
Excellence in solid wood

**CAT Flex shank tools**  
Flexible profiling on  
CNC systems.

**OERTLI**   
Excellence in solid wood

# Flexible - Economical - Secure

## The universal CNC solution for almost any profiling.

With four CAT Flex end mills you remain maximally flexible on your CNC system. Whether milling cutter with face cutting or peripheral cutting position: cutting speeds up to 100 m/s enable efficient production. The ingenious cutter seat uses the centrifugal force to optimally fix the cutter and thus minimises the adjustment effort. In other words, an all-round economical solution for profiling work on your CNC system.



Typ 1 - face-cutting



Typ 2 - circumferential cutting straight



Typ 3 - circumferential cutting oblique



Typ 4 - face-cutting wide

Figure M 1:2

### 4 types of CAT Flex end mills for maximum flexibility

Art.No.	Typ	Dmax	Z	B	n max	T max	D1	L	d1	DR
TB860500	1	47	2		18'000	15	49	90	16	re.
TB860501	1	68	2		18'000	17,1	73	96	25	re.
TB860530	2	77	2	25	20'000	13	48	90	16	re.
TB860502	2	92	2	25	17'400	15,8	58	84	16	re.
TB860503	2	104	2	45	15'400	21,7	58	104	16	re.
TB860505	2	99	2	25	16'200	15,7	65	90	25	re.
TB860506	2	111	2	45	14'600	21,5	65	110	25	re.
TB860507	2	99	2	65	16'200	15,7	65	130	25	re.
TB860508	3	105	2		15'600	15,7	75	111	25	re.
TB860509	4	138	2	65	10'000	15,5	140	103	25	re.

## A cutting seat. Four cutter bodies. Infinite profile variety.

Imagine a tool with which you can mill different profiles.

### Field of application:

- Frequent profile changes are necessary
- High speed and cutting speed up to 100 m/s

### Technical advantages:

- Different profile cutting edges can be used in the same cutter
- It no longer needs interchangeable cutters
- Changing blades remains simple and fast

### Cutting:

- Large cover with one tool
- Saving of additional milling cutters
- Low maintenance costs
- Economic efficiency

### Cutting seat:

- Increase in productivity due to higher feed rate with the same surface quality / wave pattern
- Economical cutting concept
- Lower noise level due to less turbulence
- Low weight and high speed
- Simple, comfortable handling

