

# Thread tapping equipment Accessories

## ZAP

Start functions

Mounting  
Air pressure  
Air connection

### Free Floating Spindle

Drive unit is in hover situation

No lead screw / guidance cartridges

Control of the ingate strength

# microtap



## Spindle feeding system

pneumatic **Z-Axis** spindle feeding system / **ZAP**

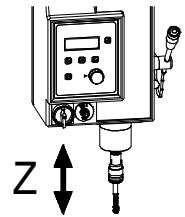
AutoStart:

- auto start control function
- cutting force sense to start
- part location tolerance setting ( $\Delta$ Delta-SZ)

at microtap or authorized agency

2-8 bar

Hose 4 / 6 mm / without service unit 4/6 mm



- **mechanical** counter-balance compensation
- low axiale power
- when operatet with piloted Z-axis pneumatic (ZAP), infeed device is automatically reset after gating of tool (tap point)

- production of thread independently of rise
  - low wear
  - no costs and time for changing leadscrew
  - no pitch faults through mechanical play
  - no broken tap, specially during changing in, the backward running

**tip**

- in Z-direction incl. FZ- broached-power
- FZ & SZ- distance-controll ( $\Delta$ Delta-SZ)

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February 09