HAINBUCH

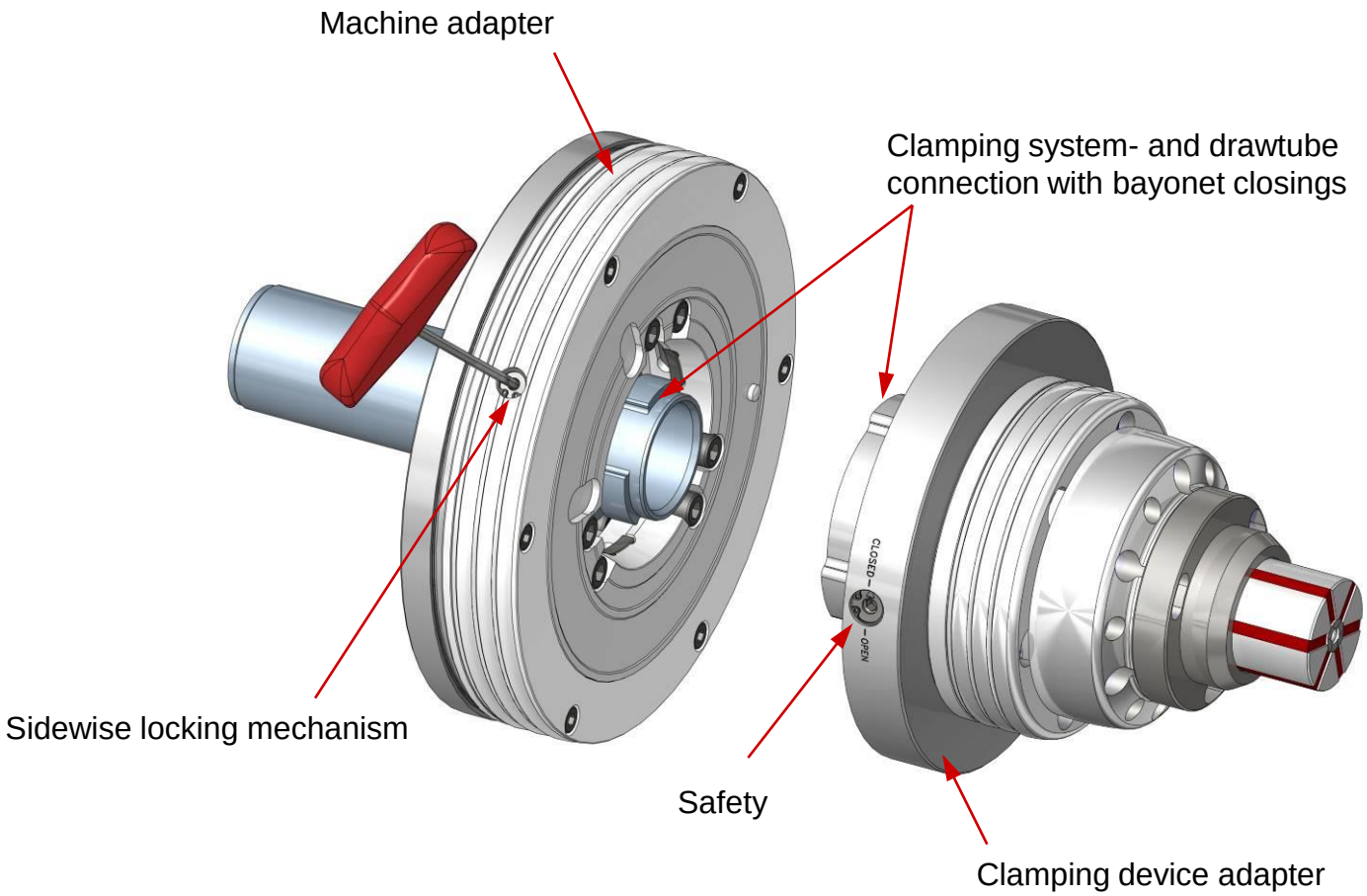

# capteX

quick-change system

# CapteX quick-change system

Quick-change interface for handy clamping systems:

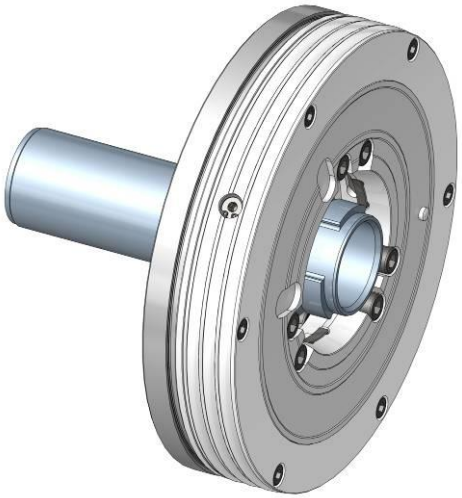
- With through bore



# CapteX quick-change system

In short:

- Very short change-over times
- High precision centering,
  no alignment necessary
- Shorter throughput times due to
  higher flexibility



Jaw chuck

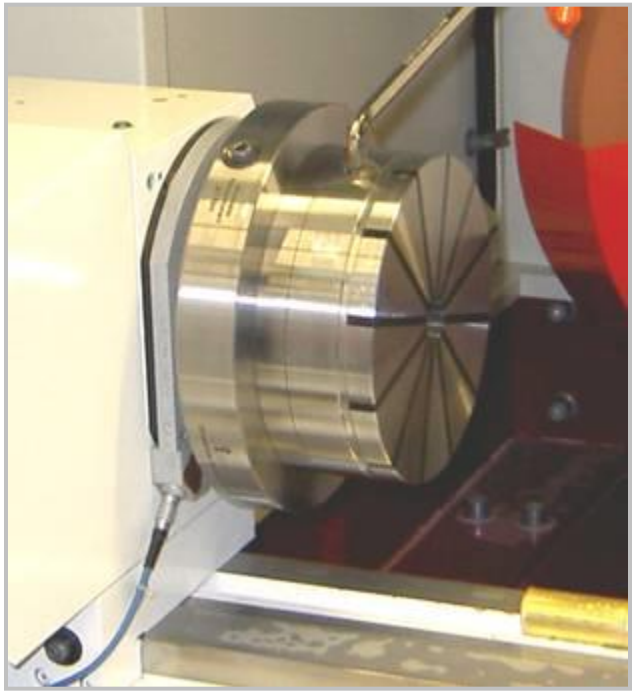
TOPlus combi pull-back

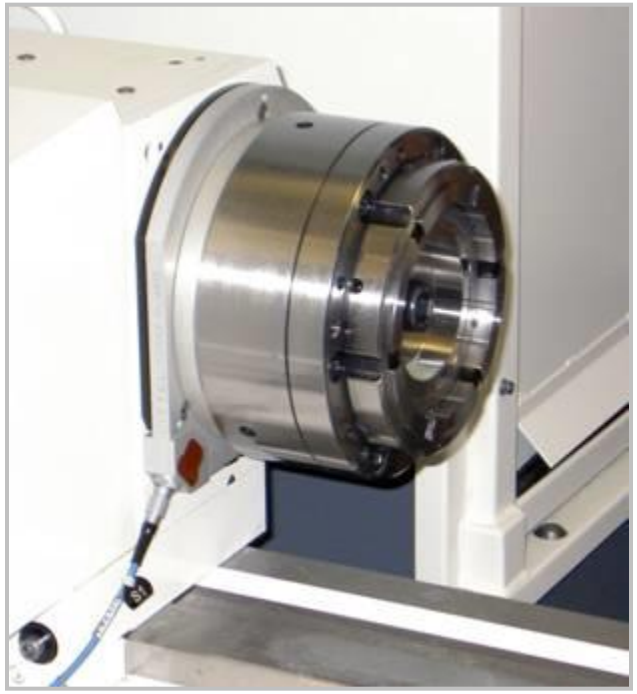
Mandrel type 212

# CapteX quick-change system

Example from the HAINBUCH shop floor:

- Change-over from magnet to SPANNTOP chuck



# CapteX quick-change system

How long took this change-over before?

Steps of the procedure:

| | |
|---|---|
| 1. Dismount magnet | Loosen screws [6], take off magnet |
| 2. Dismount flange | Loosen screws [6], take off flange |
| 3. Mount drawtube | Clean spindle, mount drawtube |
| 4. Mount chuck body | Close screws gently<br>Adjust concentricity to less than .00012'' [0.003 mm]<br>Close screws with torque |
| 5. Mount clamping element reception | Close screws gently<br>Adjust concentricity to less than .0002'' [0.005 mm]<br>Close screws with torque |
| 6. Mount end-stop | Clean chuck and mount end-stop |
| 7. Adjust stroke | |

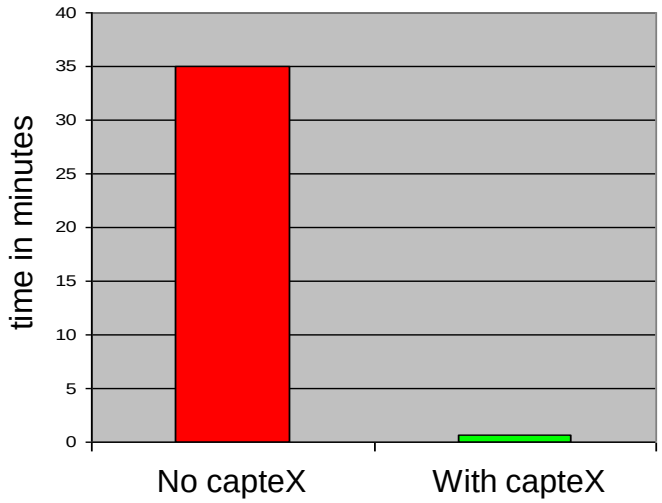
→ **Under good conditions with perfect preparation about 35 min.**

# CapteX quick-change system

Example change-over costs calculation:

- One change-over per day
- Machine hour costs: 60 €

- **Change-over costs:**
  without capteX in 35 minutes
  35 min x 21.5 days = 752.50 €/month
  → **9,030.- €/year**
  **with capteX in 40 seconds**
  0.67 min x 21.5 AT= 14,40 €/month
  → **173.- €/year**




**→ In addition:**
**18 shifts more capacity on this machine.**
**No more job pooling until a change-over »pays off«…**

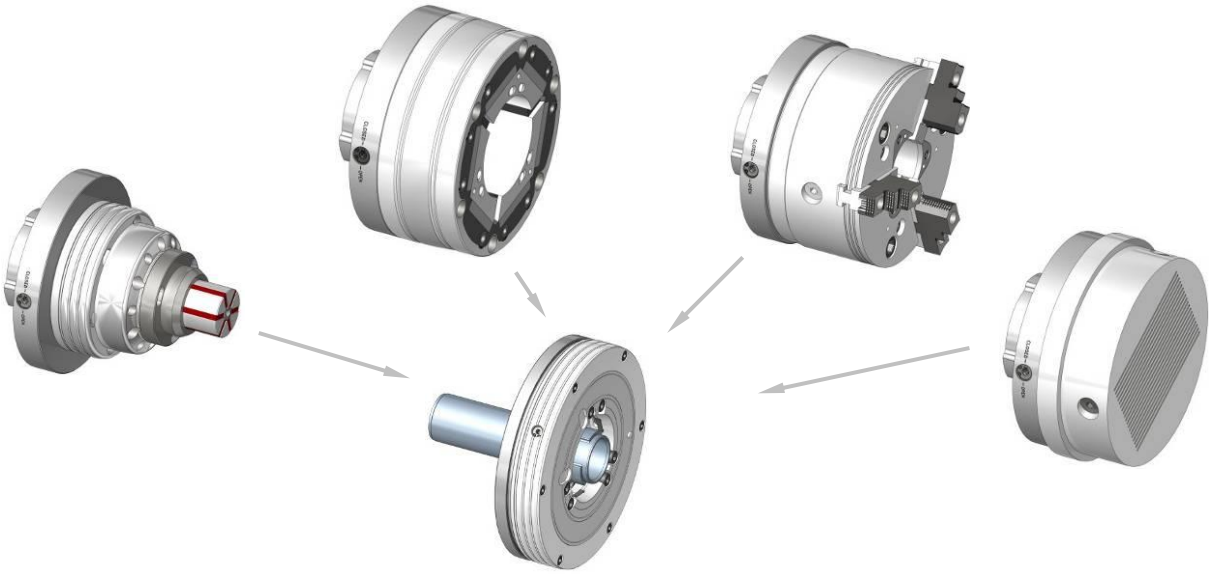
# Accessory

Clamping device storage container:

- Clean, orderly and mobile
- Preserves precision

# CapteX change-over vision

Standardized workholding in the workshop:

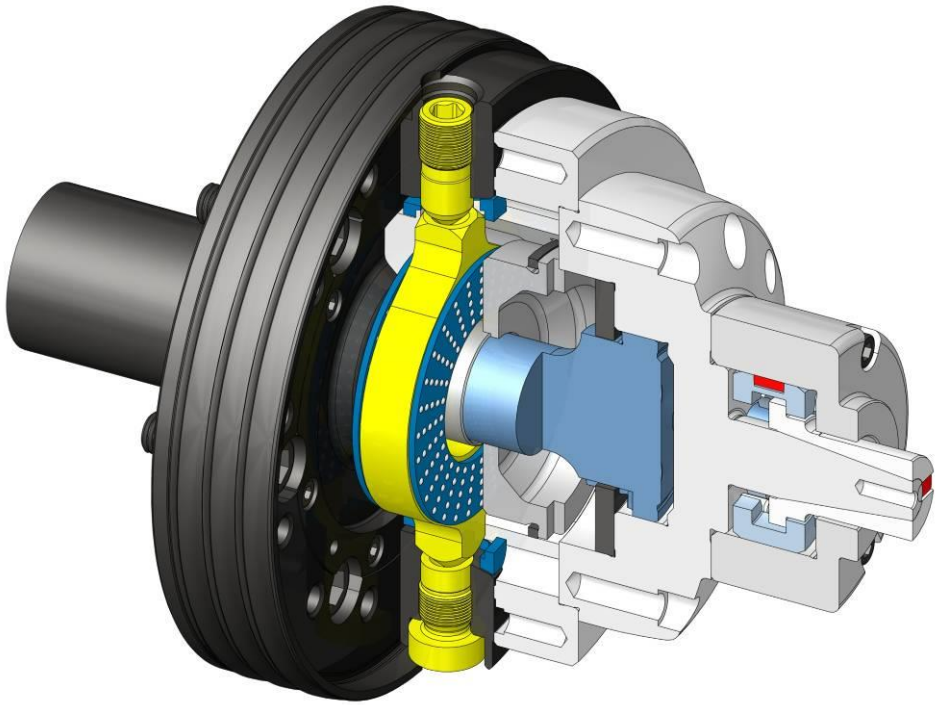


Application:
Turning, grinding
measuring,
machine group…

# CapteX variant

In short:

- For smaller workholding systems max. diameter 300 mm
- For highest RPM
- No through bore
- Only pull-actuation



And what can we do for you?