The HAINBUCH modular system

Clamping devices rotating







TOPlus mini chuck



SPANNTOP nova chuck





TOROK manual chuck

SPANNTOP mini chuck

Clamping devices stationary





MANOK plus manual stationary chuck





HYDROK hydraulic stationary chuck

Clamping element





Clamping head -O.D. clamping

- Circumferential clamping
- 3 different versions: for raw material, precise machining, or for in-house machining
- An abundance of profile clamping possibilities
- Coolant-resistant, rubber-metal connection, prevents chips in the chuck
- Clamping range SE Ø 3-100 mm, Clamping range RD Ø 3-160 mm

Adaptation clamping devices



MANDO Adapt mandrel -I.D. clamping

- Quick change-over from O.D. to I.D. clamping without adjusting due to the CENTREX interface
- Run-out accuracy < 0.005 mm can be achieved between chuck taper and mandrel taper
- Clamping range Ø 8-190 mm



Jaw module size 145 or 215 jaw clamping

- Deadlength 3-jaw clamping
- Can be used rotating [under RPM] and for stationary applications
- Change-over from clamping head or mandrel clamping to jaw clamping in less than 2 minutes



Face driver adaptation



Morse taper adaptation

- Incredible flexibility
- Self-centering of the adaptation in the chuck ≤ 0.003 mm
- Extremely quick change-over without disassembling the chuck [1 min.]



Magnet module

- End face axial clamping via neodymium magnet
- High face-run change-over accuracy
- High holding power of 140 N/cm²
- Assembly in 1 minute without alignment
- Low-maintenance because it is resistant to contamination

Clamping head change-over [approx. 10 sec.]



Clamping device with clamping head



Remove clamping head



Clamping device without clamping head



Insert clamping head



Clamping device set-up

Change-over to mandrel adaptation T211 [approx. 1 min.]



Remove clamping head



Insert MANDO Adapt T211



Fit on segmented clamping



Screw in draw bolt



Clamping device set-up

Change-over to jaw module [approx. 2 min.]



Clamping device with clamping head



Remove clamping head



Insert jaw module



Secure jaw module



Clamping device set-up

Change-over to face driver adaptation [approx. 1 min.]



Clamping device with clamping head



Remove clamping head



Insert face driver



Secure face driver



Clamping device set-up

Change-over to magnet module [approx. 30 sec.]



Remove clamping head



Insert magnet module clamping head



Clamping device with clamping head



Insert magnet module



Clamping device set-up

HAINBUCH

The HAINBUCH modular system

One system, two basic variants, even more possibilities

SE variant [hexagon]

The hexagon TOPlus version offers an additional 25 % increase in holding power relative to the RD variant - due to full-surface contact of the clamping element in the clamping device body.

Additional benefits over the RD variant

- Higher metal removal rates, higher output, lower piece costs
- Vibration dampening effect
- Particularly efficient for difficult machining
- Sealed against contamination from outside low maintenance, consequently less machine downtime and increased process reliability. Particularly useful for fine-particle non-ferrous metals such as brass or even cast iron. Consequently also particularly well suited for stationary machining.
- Optimal lubrication due to lubricating grooves in the chuck body
- Full through-bore or top face run on the workpiece or front end-stop

RD variant [round]

The well-known SPANNTOP version with round clamping geometry in the chuck body and clamping head offers significantly greater holding power than what is offered by traditional 3-jaw chucks or clamping collets, due to the pull-back effect and circumferential clamping.

Your benefits

- High rigidity
- Precise concentricity
- Fast change-over
- Full through-bore or top face run on the workpiece or front end-stop

For fast identification in the catalogue



The SE variant is indicated by this symbol [in the header]



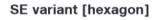
The RD variant is indicated by this symbol [in the header]

Rotating or stationary - literally all of our clamping devices are available in both variants.

Mandrels

HAINBUCH

The HAINBUCH modular system





RD variant [round]



TOPlus mini chuck



SPANNTOP mini chuck



TOPlus chuck



SPANNTOP nova chuck



TOROK manual chuck



MANOK plus manual stationary chuck





HYDROK hydraulic stationary chuck



Clamping elements



Clamping head SE



Adaptations





Jaw module SE



head RD



MANDO Adapt

T212 RD



MANDO Adapt

T812 RD

MANDO Adapt T211 SE



Jaw module RD

Face driver/ Magnet module



morse taper SE



Magnet module

morse taper RD