

HAINBUCH

The HAINBUCH modular system

Clamping devices **rotating**



TOPlus chuck

TOPlus mini chuck



SPANNTOP nova chuck

SPANNTOP mini chuck



TOROK manual chuck

Clamping devices **stationary**



MANOK plus manual stationary chuck



HYDROK hydraulic stationary chuck

Clamping element



Clamping head –
O.D. clamping

Adaptation clamping devices



MANDO Adapt mandrel –
I.D. clamping



Jaw module size 145 or 215 –
jaw clamping



Face driver
adaptation

Morse taper
adaptation



Magnet module

- 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

- 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

- 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

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

- 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.]



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



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



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



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



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

**For fast
identification in
the catalogue**



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

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



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.

HAINBUCH

The HAINBUCH modular system

SE variant [hexagon]



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



Clamping
head RD



Adaptations



MANDO Adapt
T211 SE



MANDO Adapt
T212 SE



Jaw module SE



MANDO Adapt
T211 RD



MANDO Adapt
T212 RD



MANDO Adapt
T812 RD



Face driver /
morse taper SE



Magnet module
SE



Jaw module RD



Face driver /
morse taper RD



Magnet module
RD

Chucks

Mandrels

Stationary
clamping devices

Adaptation
clamping devices

Measuring tech-
nology / Automation

Quick change-
over systems

Special solutions

Clamping elements/
Accessories

Multi spindles