Clamping solutions for turning, milling, grinding

Flexible manufacturing and faster set-up with the HAINBUCH products.

HAINBUCH
WORKHOLDING TECHNOLOGY



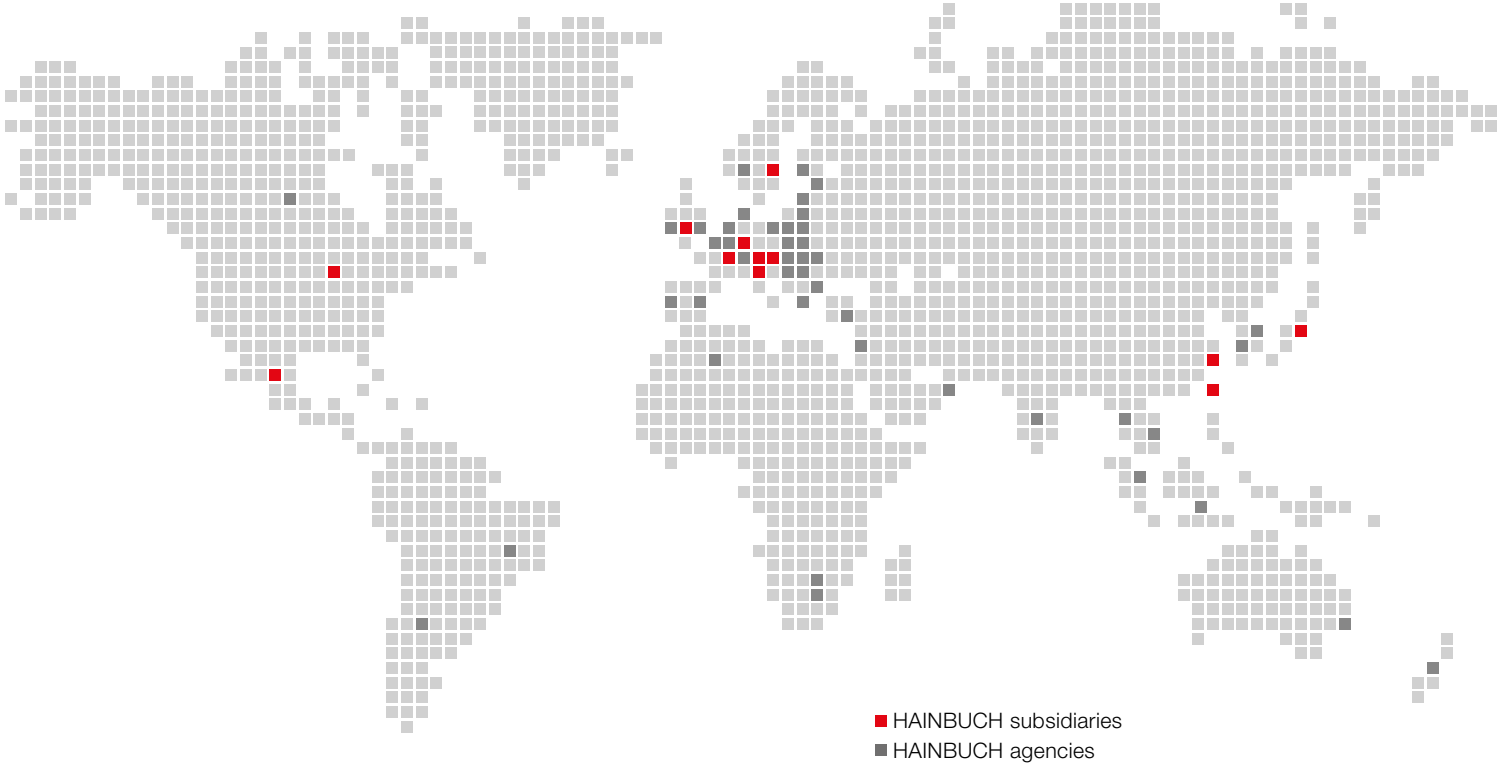


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WE ARE AT YOUR SERVICE

Locally and worldwide



11 INTERNATIONAL SUBSIDIARIES

WORLDWIDE AROUND **800** EMPLOYEES

OVER **1000** SPECIAL CLAMPING SOLUTIONS PER YEAR

FOUNDED IN **1951**

INDUSTRY **4.0** DIGITAL FUTURE SOLUTIONS

OVER **45** DESIGN ENGINEERS

SPANNTOP INVENTED IN **1977**

IQ CLAMPING DEVICES WITH INTELLIGENCE

LIGHTWEIGHT DESIGN CLAMPING DEVICES **CFRP** MADE OF CARBON FIBER

MORE THAN **150** PATENTS



AUTOMOTIVE



AEROSPACE







MEDICAL

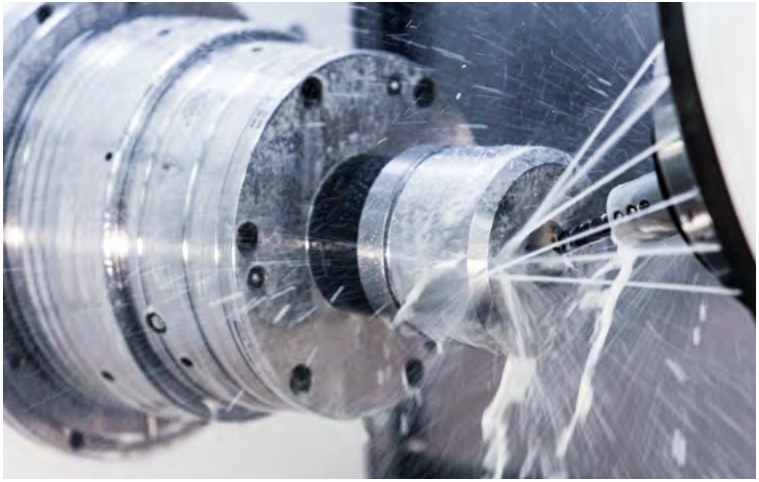


E-MOBILITY





Machining processes



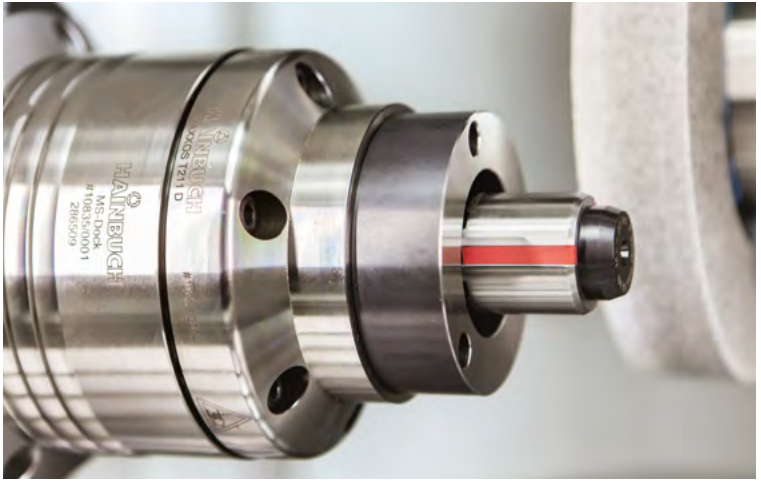
TURNING



MILLING







GRINDING



GEAR CUTTING





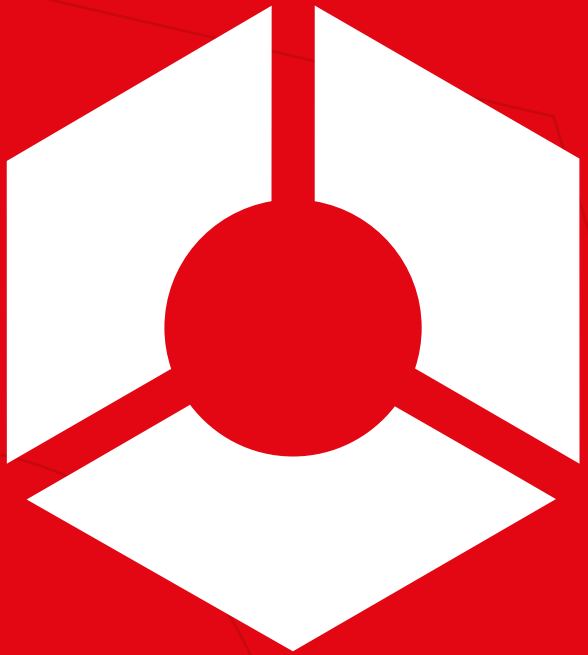
TWO CLAMPING GEOMETRIES

Many clamping devices are available in two different clamping geometries.

SE variant

The version with hexagonal geometry offers a 25 % increase in holding power, relative to the round variant, and unique rigidity – thanks to full-surface contact of the clamping element in the clamping device body.
Moreover, it is more effectively sealed against contamination, and thus it is more wear-resistant than the conventional RD variant.

On the market since 2005 – clamping geometry of the future.



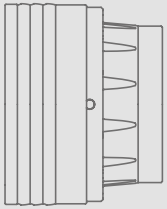


RD variant
The version with round clamping geometry offers significantly higher holding power than conventional 3-jaw chucks or clamping collets thanks to the pull-back effect and circumferential clamping.

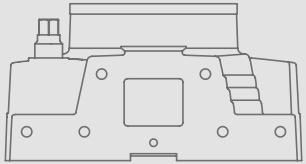
On the market since 1980 – invented by HAINBUCH.

THE HAINBUCH SYSTEM

Clamping devices

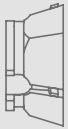


Chucks



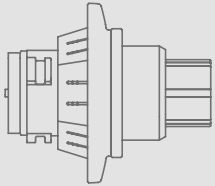
Stationary Chucks

Clamping elements and adaptations



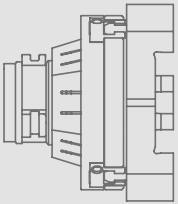
Clamping head

for O.D. clamping



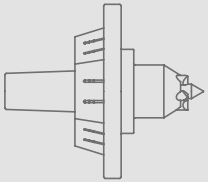
MANDO Adapt

Adaptation for I.D. clamping



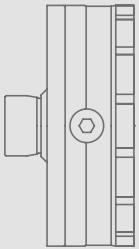
Jaw module

Adaptation for jaw clamping



Face driver / Morse taper

Adaptation for
center clamping



Magnet module

Adaptation for
magnetic clamping

HAINBUCH

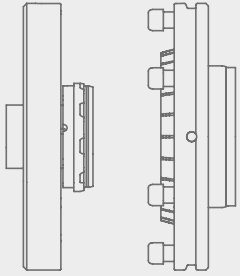
SYSTEM

EVERYTHING IS ENGINEERED AROUND **THE**

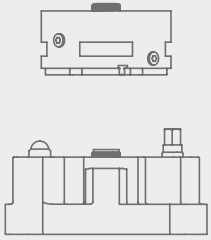
THE FOUNDATION

THE HEART OF

Quick change-over interfaces



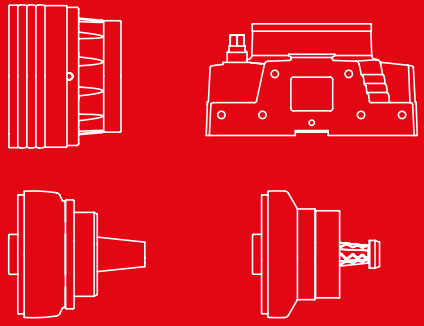
Actuating units



Flanges



Clamping devices

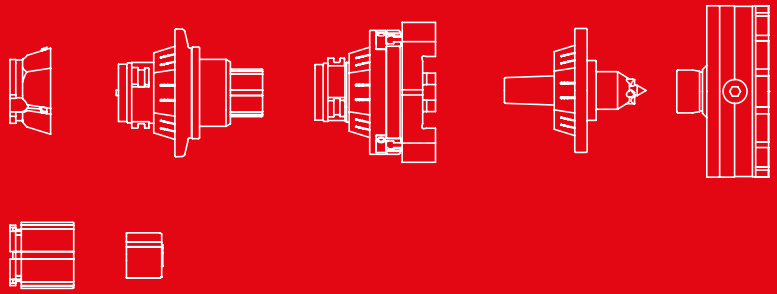


For connection on the machine:
For fast set-up of the clamping device without alignment or for hydraulic or manual actuation of the clamping device.

CLAMPING DEVICE

WORKHOLDING TECHNOLOGY

Clamping elements and adaptations



For fast change-over
to different clamping diameters or to O.D. / I.D. clamping / jaw clamping ...

AMAZING ACCESSORIES

- Changing fixtures
- TESTit force gauge
- vario quick / vario flex end-stop systems
- End-stop / front end-stop blanks
- Drawtube adapters
- Grease and torque wrenches
- Adapter for air sensing control

»Little helpers« that make work easier and more efficient.

HAINBUCH
Chucks





Chucks

Our chucks are based on the clamping head chuck principle that we invented nearly 50 years ago, and which has been used thousands of times over. With this fully encompassing clamping of the workpiece, compared to the distortion potential clamping of 3-jaw chucks, you have higher holding power, fewer inertia losses, and are able to manufacture with greater precision.

Advantages

- High run-out accuracy
- High holding power and stability
- Highly user friendly set-up
- Many adaptation possibilities for changing over from classic O.D. clamping to I.D. clamping / jaw clamping or magnetic clamping – without disassembling the clamping device

Benefits

- Long service life
- Flexible manufacturing
- Less scrap
- Longer machine runtime

TOPlus mini



Chucks with hexagonal clamping geometry – the optimized version for the round SPANNTOP

Sizes	26, 40, 52, 65, 80, 165
Standard clamping range	3–165 mm

Variants

- Reduced interference contour for small, narrow working spaces and optimized tool accessibility
- With or without pull-back effect when clamping the workpiece or as a pure through-bore chuck

Clamping elements and adaptations



Changeable from O.D. clamping to I.D. clamping / jaw clamping and magnetic clamping or clamping between centers – without disassembling the chuck

Advantages

- 25 % higher holding force than SPANNTOP
- Unrivaled rigidity due to full-surface contact of the clamping segments
- Resistant to contamination due to hexagonal clamping head geometry
- Absorbs vibration and thus reduces tool wear and costs
- Run-out accuracy up to ≤ 0.01 mm [depending on size and variant]

Applications

- For rigorous run-out requirements
- Prototypes / single-piece manufacturing
- Series production
- Also ideal for hard machining

TOPlus premium



Maximum precision in a mini format

Sizes	26, 40, 52, 65, 80, 100
Standard clamping range	10 – 100 mm

Advantages

- Improved run-out accuracy ≤ 0.005 mm [with premium clamping heads and clamping against the end-stop]
- Larger opening stroke and less expensive than hydraulic and diaphragm clamping devices
- Maximum precision paired with robustness and durability
- Can be used with standard and premium clamping heads
- Continual stable machining results

Applications

- For highest run-out requirements
- Prototypes / single-piece manufacturing
- Series production
- Also ideal for hard machining and grinding

Clamping elements and adaptations



Changeable from O.D. clamping to I.D. clamping / jaw clamping and magnetic clamping or clamping between centers – without disassembling the chuck

SPANNTOP mini / SPANNTOP nova





Chucks with the »classic« round clamping geometry

Sizes	32, 42, 52, 65, 80, 100, 125, 160
Standard clamping range	3 – 160 mm

Variants

- Reduced interference contour for small, narrow working spaces and optimized tool accessibility
- With or without pull-back effect when clamping the workpiece or as a pure through-bore chuck

Clamping elements and adaptations



Changeable from O.D. clamping to I.D. clamping / jaw clamping and magnetic clamping or clamping between centers – without disassembling the chuck

Advantages compared to jaw chucks

- Extremely high holding forces
- Cylindrically surrounding workpiece clamping
- Minimal inertia losses
- Run-out accuracy up to ≤ 0.01 mm [depending on size and variant]

Advantages compared to spring collets

- Extremely high holding forces
- Cylindrically surrounding workpiece clamping
- High-strength steel-rubber composite connection instead of elastic spring steel

Applications

- For rigorous run-out requirements
- Prototypes / single-piece manufacturing
- Series production

TOROK manual chuck



Chuck with manual actuation

Sizes	52, 65, 80, 100
Standard clamping range	3 – 100 mm

Advantages
- Manual actuation – a clamping cylinder is not required
- Sensitive clamping possible
- Workpiece stabilization through pull-back effect against end-stop

Applications
- Prototypes / single-piece manufacturing
- Series production
- Also for machines without hydraulics

Variants
- In steel or CFRP lightweight version
- Hexagonal [SE] or round [RD] clamping geometry

Clamping elements and adaptations



Changeable from O.D. clamping to I.D. clamping / jaw clamping and magnetic clamping or clamping between centers – without disassembling the chuck

InoFlex VT-S / InoFlex VD



Compensating 4-jaw chuck for turning operations

Size	165, 215, 260, 315
Clamping range	7 – 315 mm

Clamping elements



Advantages

- For I.D. and O.D. clamping
- Ideal for clamping workpieces that are susceptible to deformation
- High repeatability and run-out accuracy
- Large through-bore

Advantages compared to traditional jaw chucks

- Flexible implementation [4-jaw and 2-jaw clamping]
- 4-sided clamping [2x2] with compensation of the opposing jaws
- No additional clamping device needed when changing between workpieces with different geometries or clamping diameters

Applications

- Prototypes / single-piece manufacturing
- Series production
- Also for machines without hydraulics

B-Top jaw chuck



Jaw chuck with high repeatability

Size	165, 215, 260, 315
Clamping range	5 – 392 mm

Advantages

- Fast jaw change with individual unlocking
- Large through-bore with bushing inserts that can be changed from the front
- Proven wedge rod mechanism

Applications

- Prototypes / single-piece manufacturing
- Series production

Clamping elements



HAINBUCH

Stationary chucks





Stationary chucks

Our stationary chucks are based on the clamping head chuck principle and are ideal for milling operation. Thanks to the possibilities of changing from O.D. clamping to I.D. clamping / jaw clamping or magnetic clamping, they are the perfect clamping devices for machining centers.

Advantages

- High clamping repeatability
- High holding power and stability
- Highly user friendly set-up
- Many adaptation possibilities to change from the classic O.D. clamping to I.D. clamping / jaw and magnetic clamping – without dismantling the clamping device

Benefits

- Flexible manufacturing
- Less scrap
- Longer machine runtime
- Long service life

MANOK



Manual actuation stationary chuck with »classic«, round clamping geometry

Sizes	42, 52, 65, 80, 100
Standard clamping range	3–100 mm

Advantages

- Manual actuation – a clamping cylinder or hydraulics are not required
- Sensitive clamping possible
- Workpiece stabilization through pull-back effect against end-stop

Applications

- Prototypes / single-piece manufacturing
- Also for machines without hydraulics

Clamping elements and adaptations



Changeable from O.D. clamping to magnetic clamping – without disassembling the stationary chuck

MANOK plus



Advantages

- Manual actuation – a clamping cylinder or hydraulics are not required
- Sensitive clamping possible
- Workpiece stabilization through pull-back effect against end-stop

Applications

- Prototypes / single-piece manufacturing
- Also for machines without hydraulics
- Series production
- Also ideal for hard machining and grinding

Manual actuation stationary chuck hexagonal or round clamping geometry

Sizes	52, 65
Standard clamping range	3 – 65 mm

Variants

- In steel or CFRP lightweight design
- Hexagonal [SE] or round [RD] clamping geometry

Clamping elements and adaptations



Changeable from O.D. clamping to I.D. clamping / jaw clamping or magnetic clamping – without disassembling the stationary chuck

STATIONARY CHUCKS

HYDROK





Stationary chuck with hydraulic actuation

Sizes	32, 40, 42, 52, 65, 80, 100
Standard clamping range	3–100 mm

Variants

- Hexagonal [SE] or round [RD] clamping geometry

Clamping elements and adaptations



Changeable from O.D. clamping to I.D. clamping / jaw clamping or magnetic clamping of the stationary chuck

Advantages

- Hydraulic actuation
- Compact square design
- Automated multiple clamping in the smallest possible space

Applications

- Prototypes / single-piece manufacturing
- Series production
- Also ideal for hard machining and grinding

InoFlex VF centric clamping vise



Compensating 4-jaw chuck for milling operations

Sizes	160, 260
Clamping range	8 – 291 mm

Advantages

- For I.D. and O.D. clamping
- Ideal for clamping workpieces that are susceptible to deformation
- High repeatability and run-out accuracy
- Large stroke and compensation stroke per jaw

Advantages compared to traditional centric clamping vises

- Flexible implementation [4-jaw and 2-jaw clamping]
- 4-sided clamping [2x2] with compensation of the opposing jaws
- No additional clamping device needed when changing between workpieces with different geometries or clamping diameters

Applications

- Prototypes / single-piece manufacturing
- Series production
- Also for machines without hydraulics

Clamping elements



HAINBUCH
Mandrels





Mandrels and actuating units

With regard to complete machining, often the first thoughts are a jaw chuck or conventional mandrels with slotted clamping sleeves. However, both of these options quickly reach their limits in terms of accuracy, rigidity, and opening stroke. Quite simply, the power of our mandrels is underestimated, yet they offer the latest clamping technology and top performance even in extremely critical applications.

Advantages

- High run-out accuracy
- High holding power and stability
- Highly user friendly set-up
- Workpiece accessibility from 5 sides

Benefits

- Long service life
- Flexible manufacturing
- Less scrap
- Longer machine runtime

MANDRELS

MAXXOS T211 / T212



Mandrel with hexagonal clamping geometry – the optimized version for round MANDO

Sizes	XXS, XS, A, B, C, D, E, F, G, H, K
Standard clamping range	8 – 200 mm

Variants

- Run-out accuracy: ≤ 0.007 mm
- With or without draw bolt for short clamping lengths

Clamping elements



Changeable to different clamping diameters

Advantages

- High transferable torque and holding power
- Unrivaled rigidity thanks to full-surface contact of the clamping segments
- Resistant to contamination thanks to hexagonal clamping geometry
- Absorbs vibration and reduces tool wear

Applications

- Prototypes / single-piece manufacturing
- Series production
- Also ideal for hard machining and grinding
- 5-sided machining

MANDO T211/T212/T812







Mandrel with »classic« round clamping geometry

Sizes	XXS, XS, S, 0, 1, 2, 3, 4, 5, 6, 7
Standard clamping range	8 – 200 mm

Advantages compared to jaw chucks

- Extremely high holding power
- Cylindrical contact workpiece clamping
- Minimal interference contour

Advantages over hydraulic expansion technology

- Large clamping range in the clamping diameters
- Non-destructive empty stroke clamping set-ups
- Lower investment costs

Applications

- Prototypes / single-piece manufacturing
- Series production
- 5-sided machining

Variants

- With or without draw bolt for short clamping lengths
- With or without pull-back effect when clamping a workpiece

Clamping elements



Changeable to different clamping diameters

MANDO G



Clamping mandrel for gear hobbing and grinding

Sizes	0, 1, 2, 3, 4
Standard clamping range	20 – 120 mm

Advantages

- Rigid radial clamping with pull-back effect when clamping the workpiece
- Extremely slender interference contour for tool run-out
- Three end-stop levels for high workpiece individuality
- Integrated flushing channels for chip removal

Applications

- Gear hobbing
- Gear grinding
- Gear shaping
- 5-sided machining

Clamping elements



Changeable to different clamping diameters

Micro mandrel



Mandrel for clamping of smallest diameters

Sizes	1, 2, 3, 4, 5, 6, 7, 8
Standard clamping range	5,6 – 15,59 mm

Advantages

- Slim interference contour
- High actuating forces are compensated by the integrated clamping force reduction
- Overcoming tolerance fluctuations and easy automated loading thanks to large opening stroke
- Long service life thanks to clamping bolt technology

Applications

- Prototypes / single-piece manufacturing
- Series production
- Gear hobbing
- Gear grinding
- 5-sided machining

Variants

- Short version for rigid clamping during turning & milling operations
- Long version for grinding

ms dock / hs dock



Advantages

- Mandrels can be used on machining centers
- ms dock: sensitive clamping by hand – no hydraulics required – can also be used on the lathe
- hs dock: automated multiple clamping in the smallest possible install space

Applications

- Prototypes / single-piece manufacturing
- Series production
- Also ideal for hard machining and grinding
- 5-sided machining
- Also for machines without hydraulics [ms dock]

Actuating units for MAXXOS and MANDO mandrels

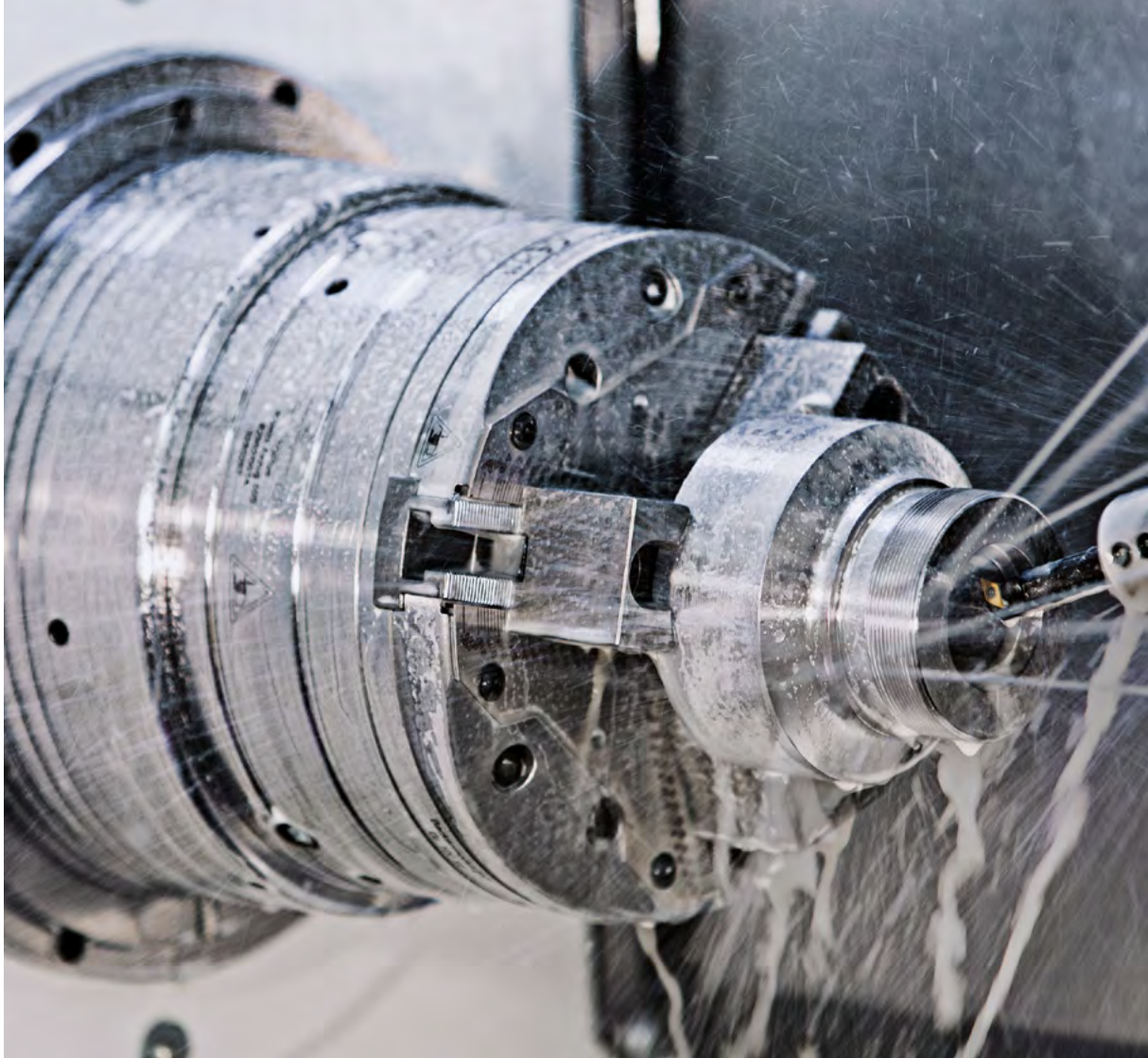
Sizes XXS – 4, 5 – 7, A – F

Variants

- ms dock: rotatable up to 60 1/min. or 7.000 1/min.
- hs dock: rotatable up to 60 1/min., hydraulic or spring-assisted hydraulic clamping

Mandrels







Adaptations

What determines the machining process and how you clamp the workpiece? In practice, this is often the clamping device – since set-up costs time and money. However the best results can only be achieved when the clamping optimally fits the workpiece. With our adaptations you leave the basic clamping device on the machine and change-over from O.D. clamping to I.D. clamping / jaw clamping and magnetic clamping, or to clamping between centers in no time at all, with the assistance of the adaptations.

Advantages

- Extremely fast set-up time [1–2 min.]
- No disassembly of the basic clamping device
- Interface of basic clamping device to adaptation: run-out ≤ 0.005 mm / repeatability ≤ 0.003 mm

Benefits

- Flexible manufacturing
- Longer machine runtime
- Long service life
- Short throughput times, no combining of job orders depending on the clamping device that is mounted

MANDO Adapt



Adaptation for changing over from O.D. clamping to I.D. clamping

Sizes	XXS, XS, S, 0, 1, 2, 3, 4, 5, 6, 7
Standard clamping range	8–190 mm
Suitable for the following basic clamping device sizes	42, 52, 65, 80, 100, 125

Variants

- For hexagonal [SE] or round [RD] clamping geometry of the basic clamping device
- With or without draw bolt for short clamping lengths
- With or without pull-back effect when clamping the workpiece

Suitable basic clamping devices



Advantages

- Extremely fast set-up time [1 min.] without disassembling the basic clamping device
- Self-centering on the basic clamping device
- Large clamping range and vibration dampening through vulcanized segmented clamping bushings

Applications

- Prototypes / single-piece manufacturing
- Also ideal for hard machining and grinding
- 5-sided machining
- Also for machines without hydraulics

Jaw module



Advantages

- Extremely fast set-up time [2 min.] without dismantling the basic clamping device
- Self-centering on the basic clamping device
- Enlarged clamping range of the basic clamping device
- Deadlength clamping without pull-back effect
- Optimum lubrication and resistance to contamination thanks to lubricating system

Applications

- Prototypes / single-piece manufacturing
- 5-sided machining
- Also for machines without hydraulics

Adaptation for changing from O.D. clamping to jaw clamping

Sizes	145, 215
Standard clamping range	15 – 209 mm
Suitable for the following basic clamping device sizes	65, 80, 100

Variants

- For hexagonal [SE] or round [RD] clamping geometry of the basic clamping device
- 2- or 3-jaw module

Suitable basic clamping devices



Face driver / morse taper



Adaptation for changing over from O.D. clamping to clamping between centers

Suitable for the following basic clamping device sizes 42, 52, 65, 80, 100

Variants

- For hexagonal [SE] or round [RD] clamping geometry of the basic clamping device
- With spring-loaded centering point or without [MK4 reception]

Advantages

- Extremely fast set-up time [1 min.] without dismantling the basic clamping device
- Self-centering on the basic clamping device
- Support of long workpieces

Applications

- Prototypes / single-piece manufacturing
- Also ideal for hard machining and grinding
- Also for machines without hydraulics

Suitable basic clamping devices



Magnet module



Advantages

- Extremely fast set-up time [30 sec.] without disassembling the basic clamping device
- Self-centering on the basic clamping device
- End face axial clamping via neodymium magnet
- Manual actuation

Applications

- Prototypes / single-piece manufacturing
- Also ideal for hard machining and grinding
- Also for machines without hydraulics

Adaption for changing from O.D. clamping to magnetic clamping

Suitable for the following basic clamping device sizes	52, 65, 80, 100

Variants

- For hexagonal [SE] or round [RD] clamping geometry of the basic clamping device

Suitable basic clamping devices



HAINBUCH

Quick change-over /
zero-point clamping systems





Quick change-over / zero-point clamping systems

We are world champions when it comes to quick change-over, both manual and automated. With the HAINBUCH quick change-over and zero-point clamping systems, you can manufacture to order – no matter if on rotary or stationary machine tools – and virtually eliminate set-up times.

Of course, we also offer special designs that we can individually adapt to your machine tools and your clamping devices.

Advantages

- Machine-overlapping utilization of clamping devices
- Highest repeatability
- Change-over in max. 5 minutes
- No need for alignment

Benefits

- External set-up of the clamping devices possible
- Drastic reduction of clamping device change-over times
- Makes a longer machine runtime possible
- Cost-efficient production from batch size 1

centroteX



Quick change-over system with minimum set-up time and highest repeatability

Standard sizes	S4 [Outer-Ø 224 mm] and M [Outer-Ø 315 mm]
Change-over time	< 2 min.

Variants

- For horizontal or vertical lathes
- centroteX S4: for small spindles up to chuck size 65
- centroteX M: for large spindles from chuck size 65

Clamping device adapter with clamping device



Also special design clamping devices or integration of clamping devices from other manufacturers possible

Advantages

- Repeatability between machine adapter and clamping device adapter ≤ 0.003 mm – without alignment
- Extremely short set-up time of the complete clamping device < 2 min.
- Machine-overlapping utilization of clamping devices
- Monteq mounting aid for easier handling of heavy clamping devices
- Easy storage, transport and set-up thanks to the Handling Line

Applications

- Prototypes / single-piece manufacturing
- Series production
- Also ideal for hard machining and grinding
- 5-sided machining

centroteX AC



Quick change-over system for the automated change-over of pre-set chucks and mandrels

Clamping task	I.D. clamping / O.D. clamping
Clamping devices	Chucks, mandrels, 3-jaw chucks

Advantages

- Same run-out and manufacturing accuracy as the clamping devices used, plus change-over accuracy of the centroteX AC interface [≤ 0.003 mm]
- Changing parts can be pre-setup on the machine or separately outside of the machine
- Clamping device mounting via bayonet mechanism using mechanical actuator [e.g. screwdriver or wrench]

Applications

- Series production
- Automated set-up processes
- Automated batch size 1

Clamping devices



DockLock



Zero-point clamping system for manual clamping device change-over

Product lines	safe, airline
Sizes	20, 30, 50
Draw-in force	12,5 – 30 kN
Release	hydraulic, pneumatic

Variants

- Built-in cylinder
- Flanged cylinder
- Built-up cylinder
- Base plate

Clamping bolt



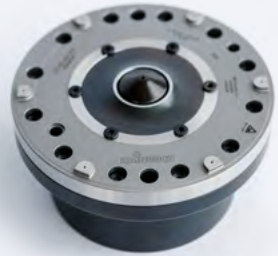
Advantages

- Maximum draw-in and holding forces make them suitable for every application
- User-friendly, since there is no jamming of the clamping bolts
- Fast hydraulic or pneumatic clamping release
- Repeatability ≤ 0.005 mm without alignment

Applications

- Prototypes / single-piece manufacturing
- Large-part manufacturing
- Series production

DockLock AC



Advantages

- Suitable for robot loading
- Control and cleanliness concept ensures reliable removal of contamination
- User friendly, since there is no jamming of the clamping bolts
- Maximum draw-in and holding forces make them suitable for every application
- Can also be used as a tool change interface for robots
- Repeatability ≤ 0.005 mm without alignment

Applications

- Series production
- Automated set-up processes
- Automated batch size 1

Zero-point clamping system for automated clamping device change-over

Product lines	autosafe, autoairline
Sizes	20, 30
Draw-in force	9 – 20 kN
Release	hydraulic, pneumatic

Variants

- Built-in cylinder
- Flanged cylinder
- Flanged cylinder with conical center

Clamping bolt



HAINBUCH
Accessories



Accessories

Underestimated? Yes, our accessories are underestimated. Our little helpers make a lot of things superfluous, enable the machine to work without disruption, support the machine operator, provide for reductions in set-up times, and they are easy on the wallet.

At HAINBUCH you get a no-hassle package and this includes consultation, assembly / commissioning, professional storage of the products, as well as the accessories.

Upgrade your manufacturing with practical and useful accessories. At HAINBUCH you will find everything you need as production optimizers.

Little helpers with big capabilities

End-stop systems vario quick

With the standardized workpiece end-stops, you can dispense with making your own end-stops, save time at set up, and you can even use the end-stops multiple times.





vario flex end-stop system

The workpiece ejector secures your process by automatic ejection of the workpiece, increases your productivity by saving cycle time, and it can be used flexibly.

Blanks for end-stop & front end-stop

The prefabricated end-stops can be used immediately and they save you time. In addition, they reduce your costs, since you do not need any work preparation.





Storage system hainBOX

Store your clamping heads properly to protect them from contamination and damage. The hainBOXes can be stacked and conveniently stowed in drawers.



Chip protection ring for chucks

The chip protection ring extensively protects the chuck mechanism from contamination. This reduces your machine downtime, increases your process reliability and extends the service life of your chuck.

Changing fixture & holder

Your auxiliary equipment for fast change-over to another diameter. Perfect ergonomics make it easy to work with. And to ensure that you always have your changing fixture on hand, there is also a holder »one for all sizes« to hook in. It can even be fastened on the machine.



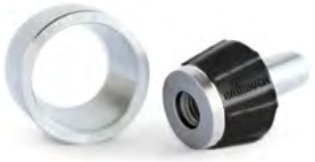


Flange & drawtube adapter

The standard flanges fit on the major spindle standards and we configure the drawtube to your machine. This means that you do not have to design your own system and do not have to make any safety calculations.

CENTREX duo

The centering unit with a repeatability of ≤ 0.003 mm can be easily integrated into your own design and fits anywhere, even in the smallest installation space. If you equip your pallet system or your clamping devices with CENTREX duo, then annoying and time-consuming alignment is a thing of the past.



TESTit force gauge



Force gauge for regular control according to DIN EN 1150

Variants

- Clamping force measurement for O.D. and I.D. clamping
- Holding power measurement of tool holders
- Draw-in force measurement for quick change-over and zero-point clamping systems
- Axial force measurement during service calls / machine maintenance
- Special solutions possible

IT module



TEST module

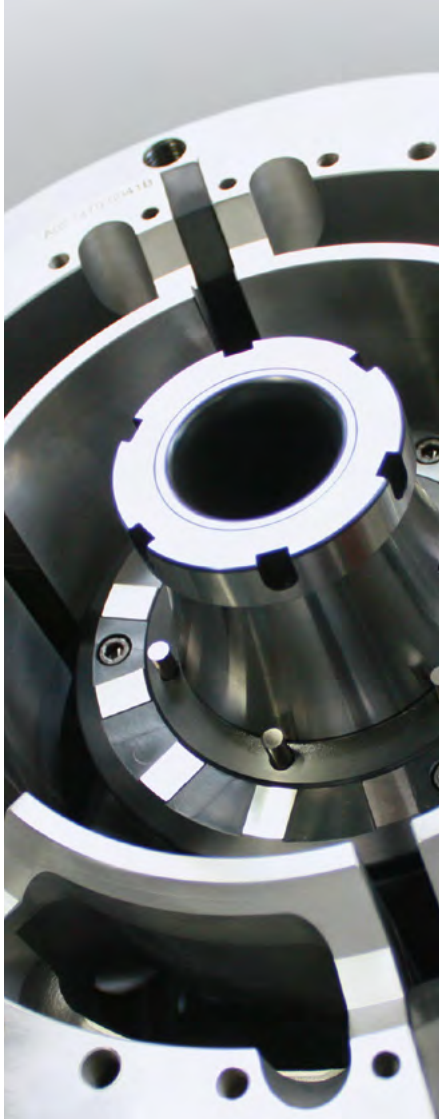


Advantages

- Determation of the ideal clamping force / draw-in force
- Avoidance of deformation or workpiece loss through regular checking of the clamping force
- Two units, connected with plug & play:
  IT module – only needed 1x,
  TEST module – for various measurement
- App for visualization and archiving of measuremnts

Applications

- Process documentation
- Service calls / machine maintenance
- Can be used rotating [under RPM] and for stationary applications



Customized solutions

Demand is increasing for individually tailored clamping solutions that are precise, process-optimizing, and flexible. Together with our 45 design engineers and our R&D team, we can develop a customized solution for you, and we offer it at a price that enables a fast ROI.

We offer clamping devices that meet the requirements of fast-growth technologies, differentiated markets, and the increasing fusion with the IT world, and yet these clamping devices enable individualized production down to batch size 1. In other words, a completely individual solution in the customary HAINBUCH quality. Whether this is in the direction of special applications, Industry 4.0, automation or intelligent clamping devices.

Facts

- More than 1,000 customized solutions per year
- 50 % of our orders are customized solutions
- Special solutions implemented to date in unusual clamping ranges:
  O.D. clamping Ø 2 – 500 mm, I.D. clamping Ø 5.8 – 630 mm,
  quick change-over systems up to a clamping device Ø of 500 mm

Contact us to discuss your requirements – we will develop the right custom solution for you, even beyond the clamping ranges we have achieved to date.

Chucks


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TOPlus premium 19


SPANNTOP mini 20


SPANNTOP nova 20


TOROK 21


InoFlex 22


B-Top jaw chuck 23

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We are here for you!

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