

Your Partner for

# **WORKHOLDING** and **AUTOMATION**



[www.hainbuch.com](http://www.hainbuch.com)

  
**HAINBUCH**  
WORKHOLDING TECHNOLOGY



# OUR MISSION

Revolutionize workholding processes



Since 1951 family-  
owned company



More than 1,000  
customized solutions  
per year

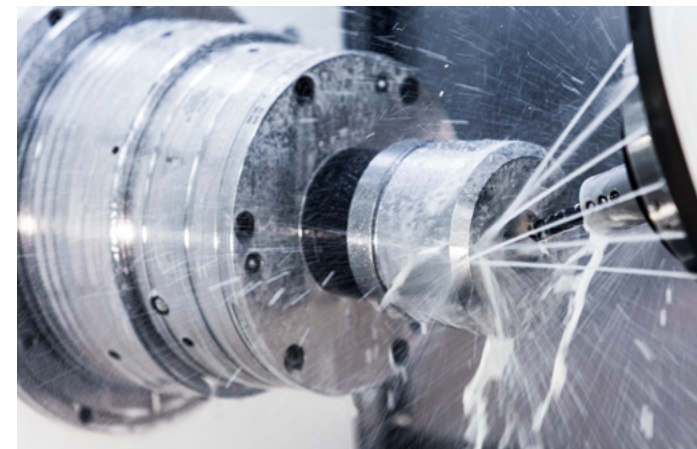


> 150 patents and  
many awards



> 850 employees  
worldwide





TURNING



MILLING



GRINDING



GEAR CUTTING





# HAINBUCH SYSTEM

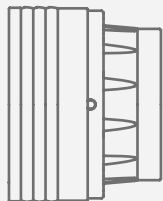
for an amazing flexibility



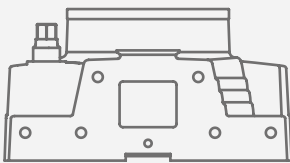
Change-over  
< 2 minutes



## Clamping devices



Chucks

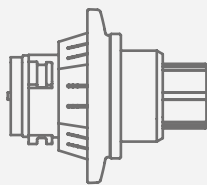


Stationary chucks

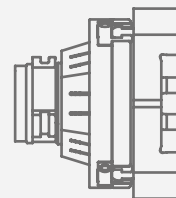
## Clamping elements and adaptations



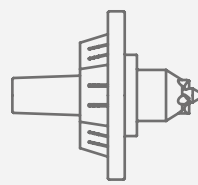
Clamping head  
for O.D.  
clamping



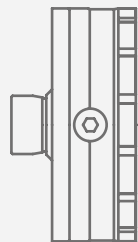
MANDO Adapt  
Adaptation for  
I.D. clamping



Jaw module  
Adaptation for  
jaw clamping



Face driver /  
Morse taper  
Adaptation for  
center clamping



Magnet module  
Adaptation for  
magnetic clamping



# MANDRELS

for strong I.D. clamping



- High run-out accuracy
- Extreme clamping forces at every clamping diameter
- Highly user friendly set-up
- Workpiece accessibility from 5 sides



# QUICK CHANGE-OVER SYSTEMS

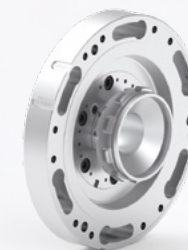
for set-up < 5 min



WITHOUT centrotex  
≈ 35 minutes



WITH centrotex  
< 5 minutes



Machine adapter  
[remains on the  
machine]



Clamping device adapter  
with chuck



Clamping device adapter  
with mandrel



Clamping device adapter  
with jaw chuck

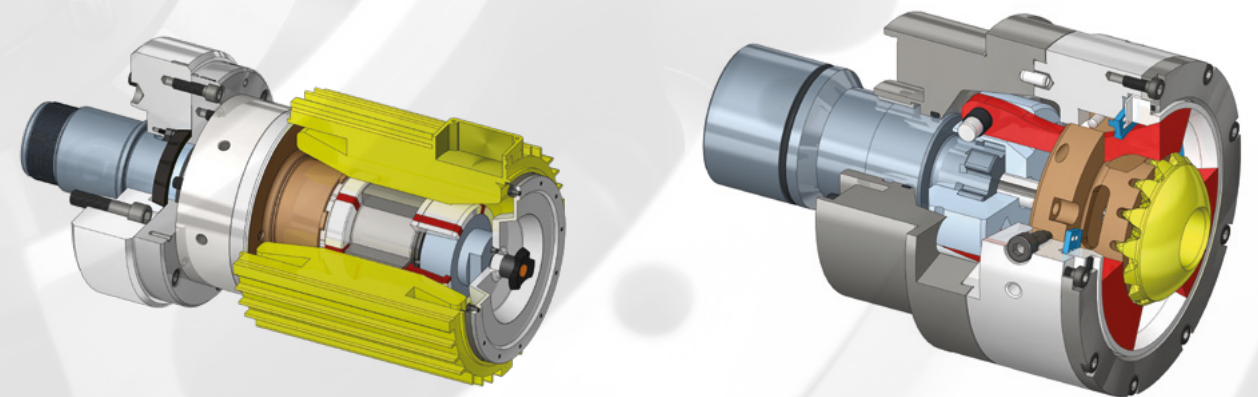
- Standardized quick change-over interfaces
- Repeatability  $\leq 3 \mu\text{m}$  – without alignment
- Changing parts can be pre-setup outside the machine



# CUSTOMIZED SOLUTIONS

for every workholding challenge

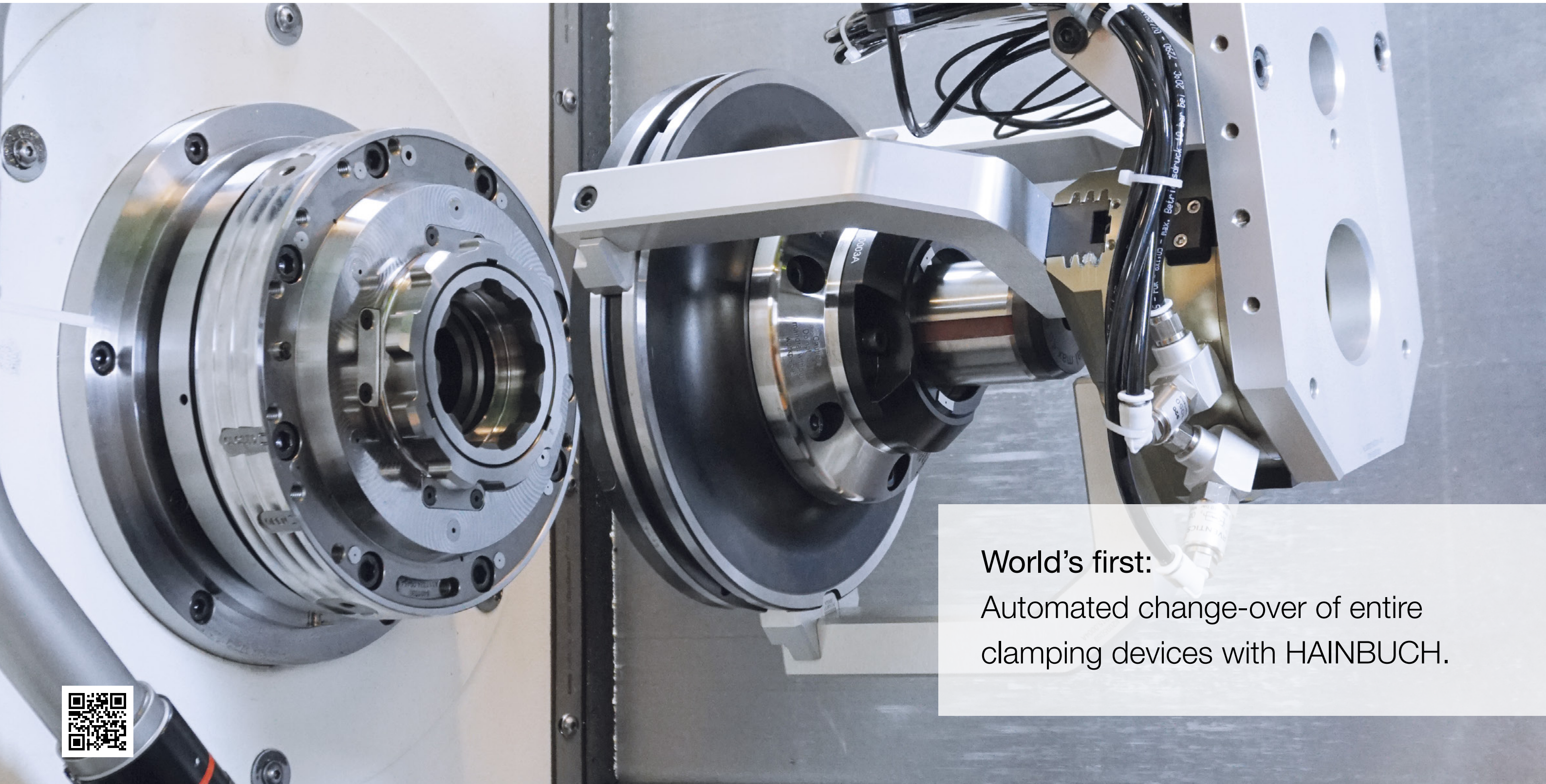
- More than 1,000 customized solutions per year
- > 55 design engineers and our R&D team develop special solutions tailored to the most particular requirements
- 50 % of our orders are customized solutions





# AUTOMATION

## Automated Change [AC] Line

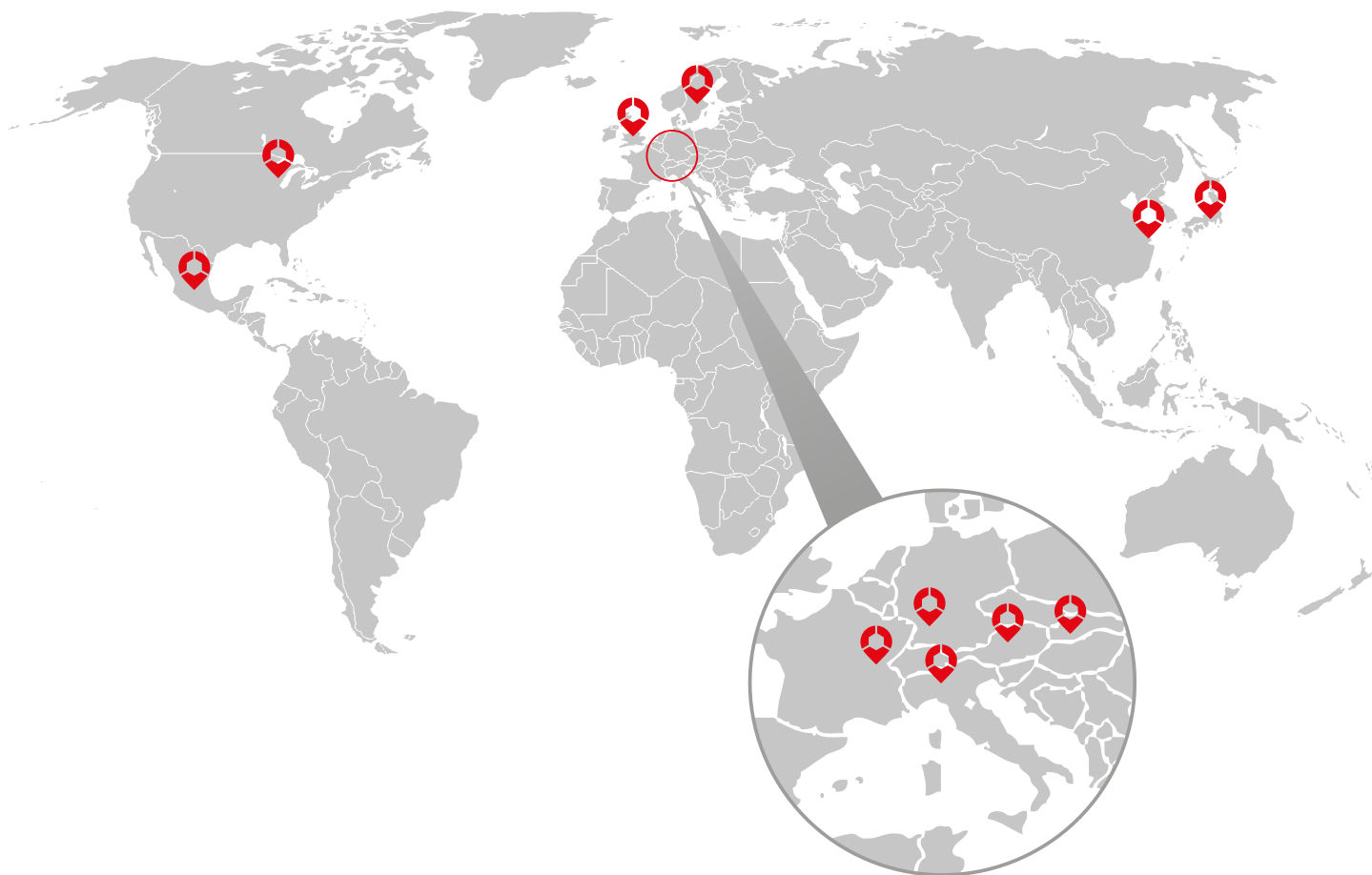


World's first:  
Automated change-over of entire  
clamping devices with HAINBUCH.





# CONTACT OUR GLOBAL SERVICE



HAINBUCH subsidiaries and agents under [www.hainbuch.com](http://www.hainbuch.com)



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