

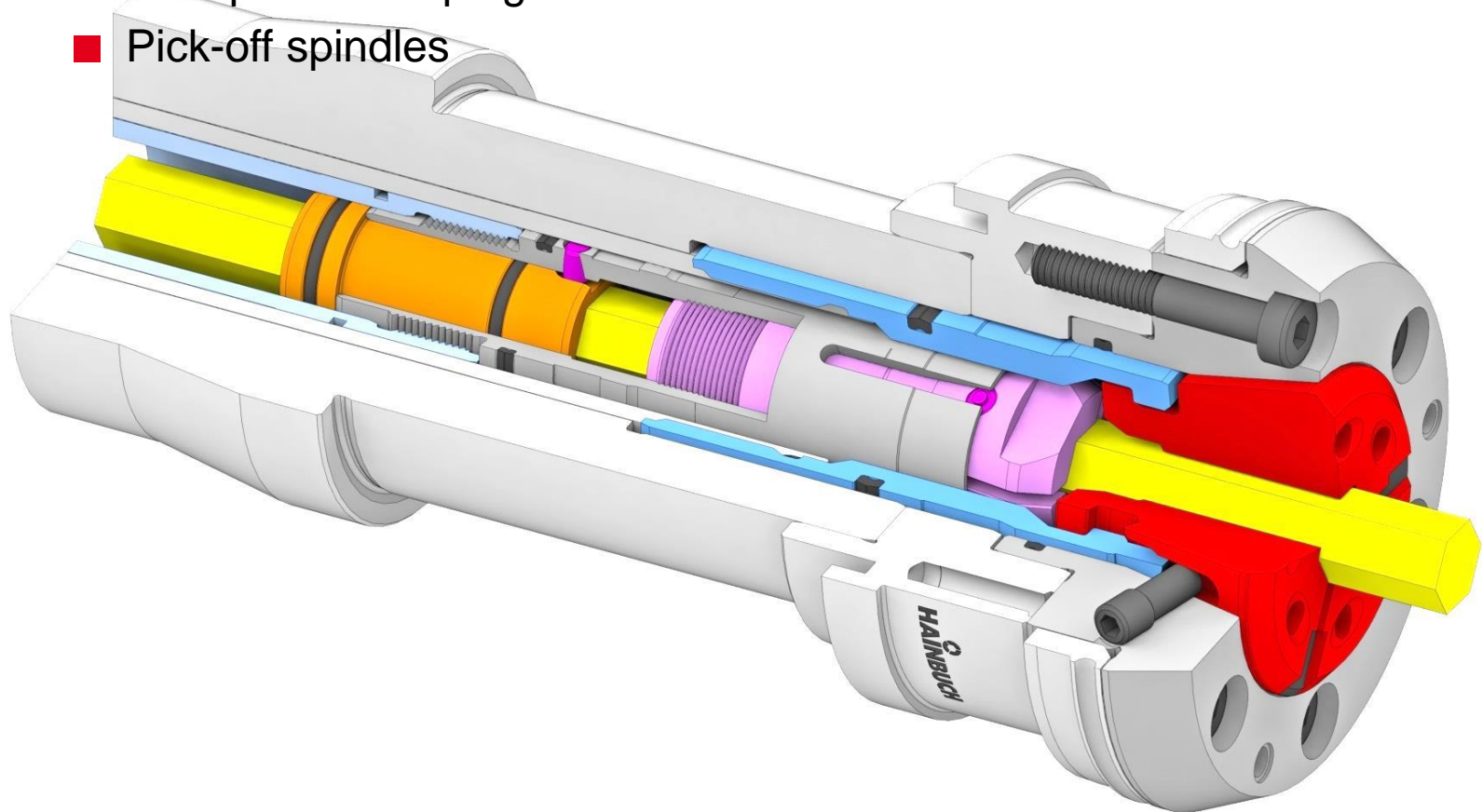
Multispindle machine equipment

HAINBUCH options

Multispindle machines

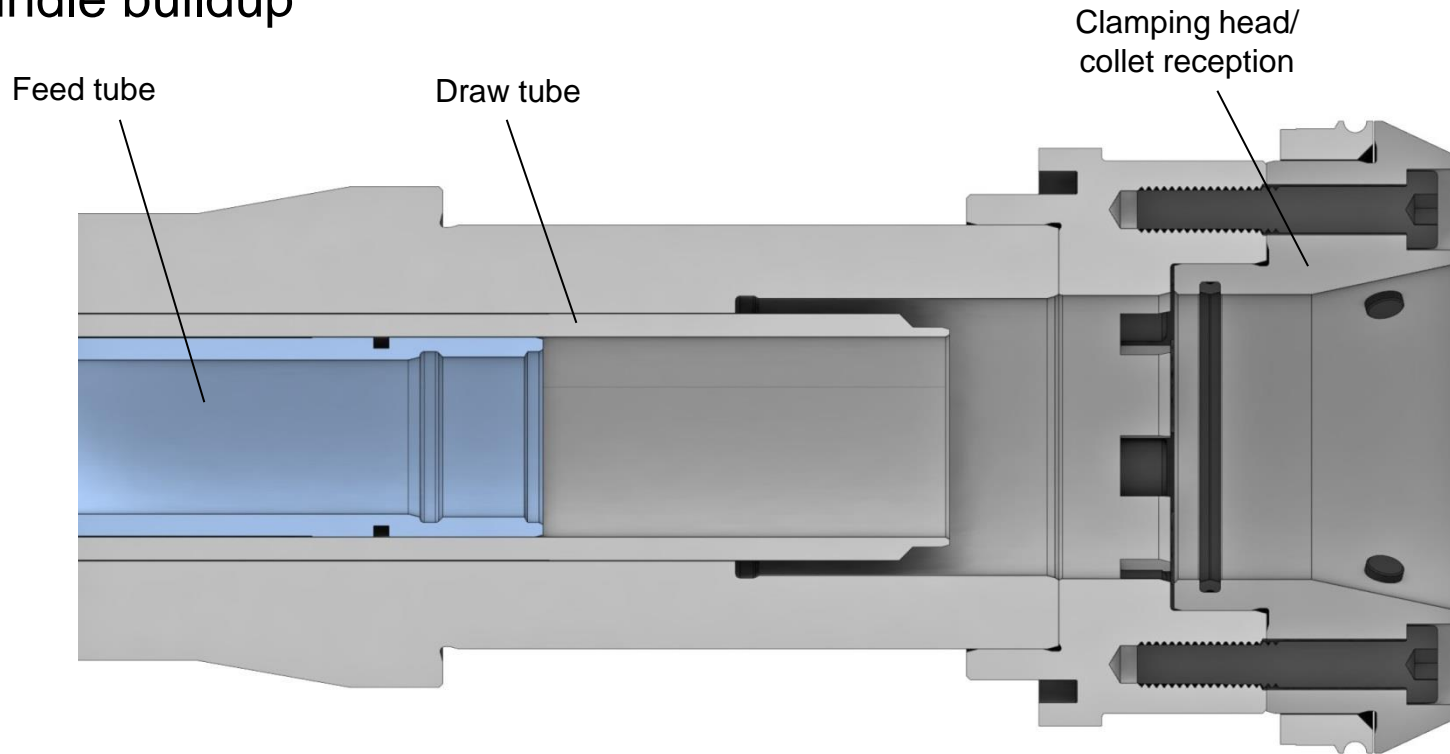
Extensive equipment for

- Bar feed
- Bar guidance
- Workpiece clamping
- Pick-off spindles



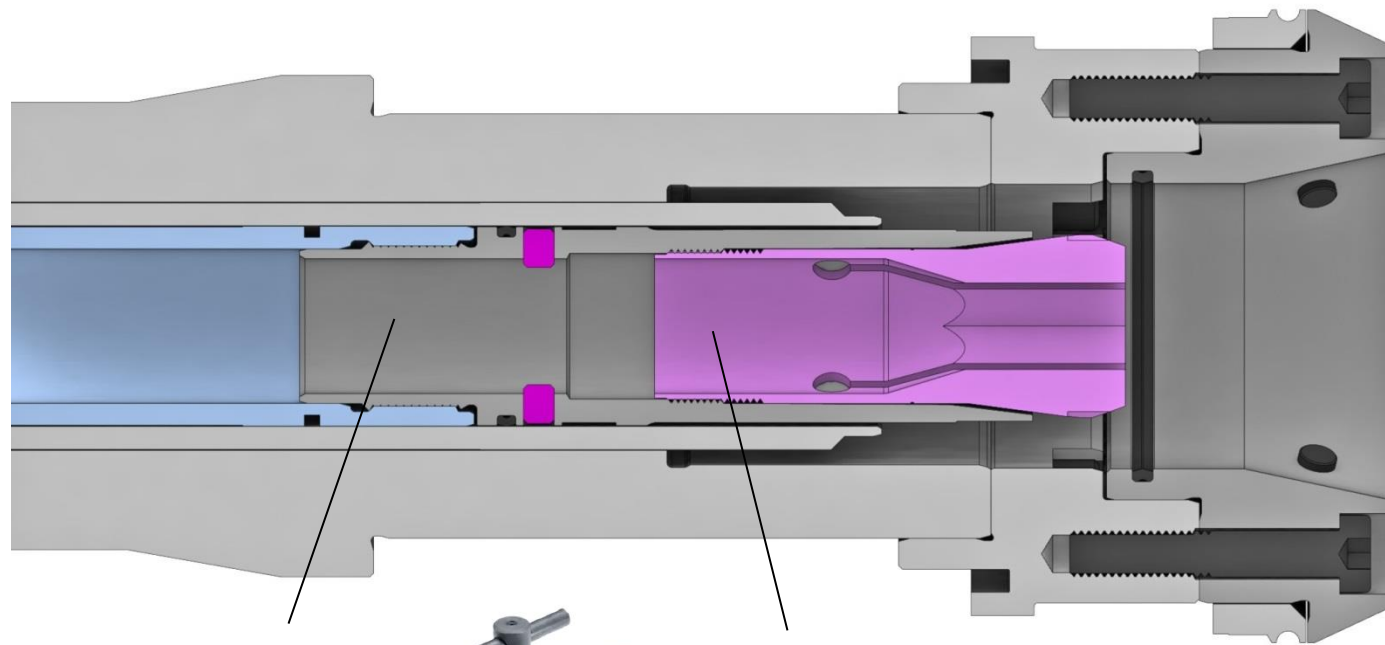
Multispindle machines

Spindle buildup



Multispindle machines

Feed equipment



Outer collet

Inner collet



RS-Feedfinger system

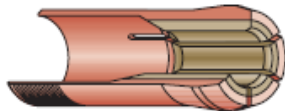


Alternative:
Conventional feed finger

Multispindle machines

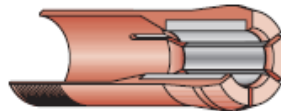
Feed equipment

- Adjustable feed force
 - Feed force identical on all spindles
 - Feed force adaptable to raw material
 - Reduced wear and tear
 - Reduced feed scoring
- Multiple slotting
[further reduced scoring and wear and tear]
- Can be retightened, therefore longer lifetime
- Further variants:



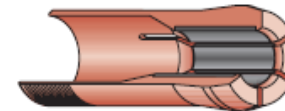
KSB [plastics coating]

Ideal coating to prevent any scoring for inner feedfingers. Profiles are possible.



**OXK
[oxidized ceramic coating]**

The extraordinary hardness prevents built-up edges and smearing in the bore. Recommended for rust and acid-resistant steel. High durability. Only for round stock.

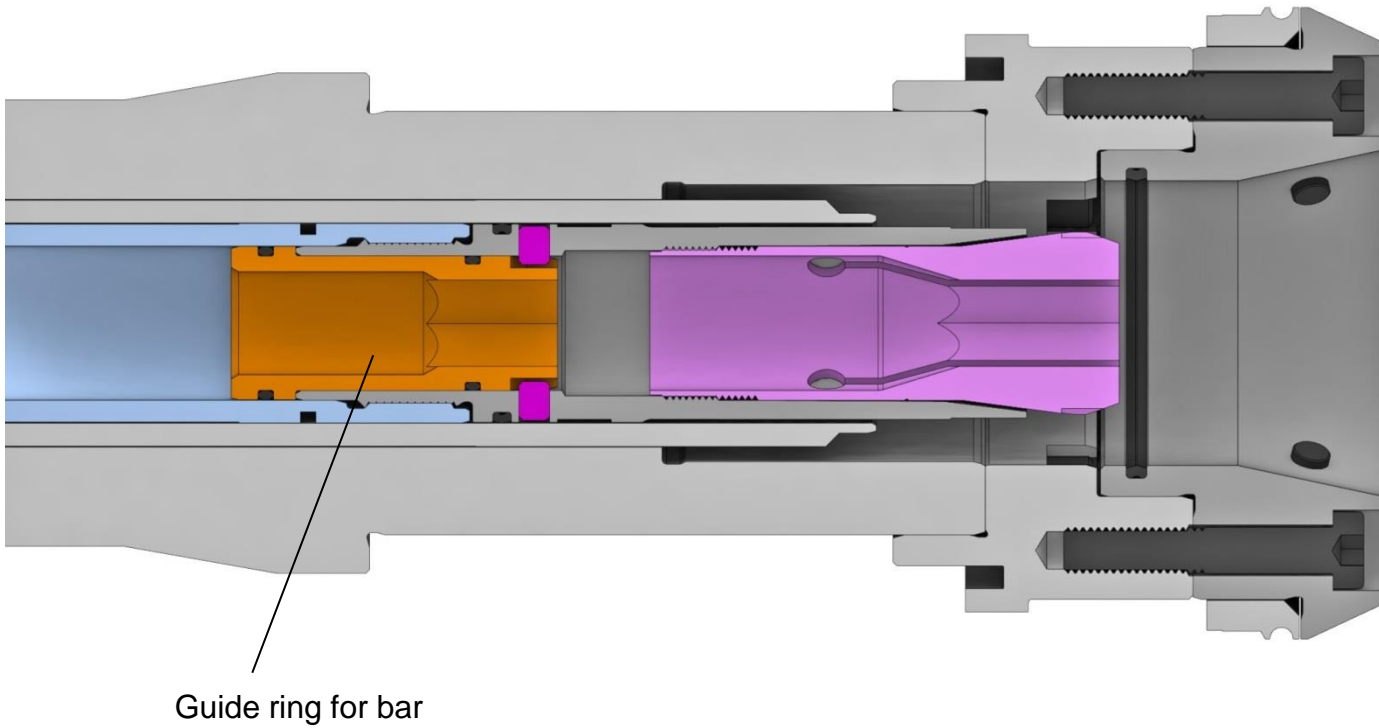


HM [carbide coating]

Similar to OXK. Recommended for rough machining when using unchamfered bar stock. Possible for round and profiled stock.

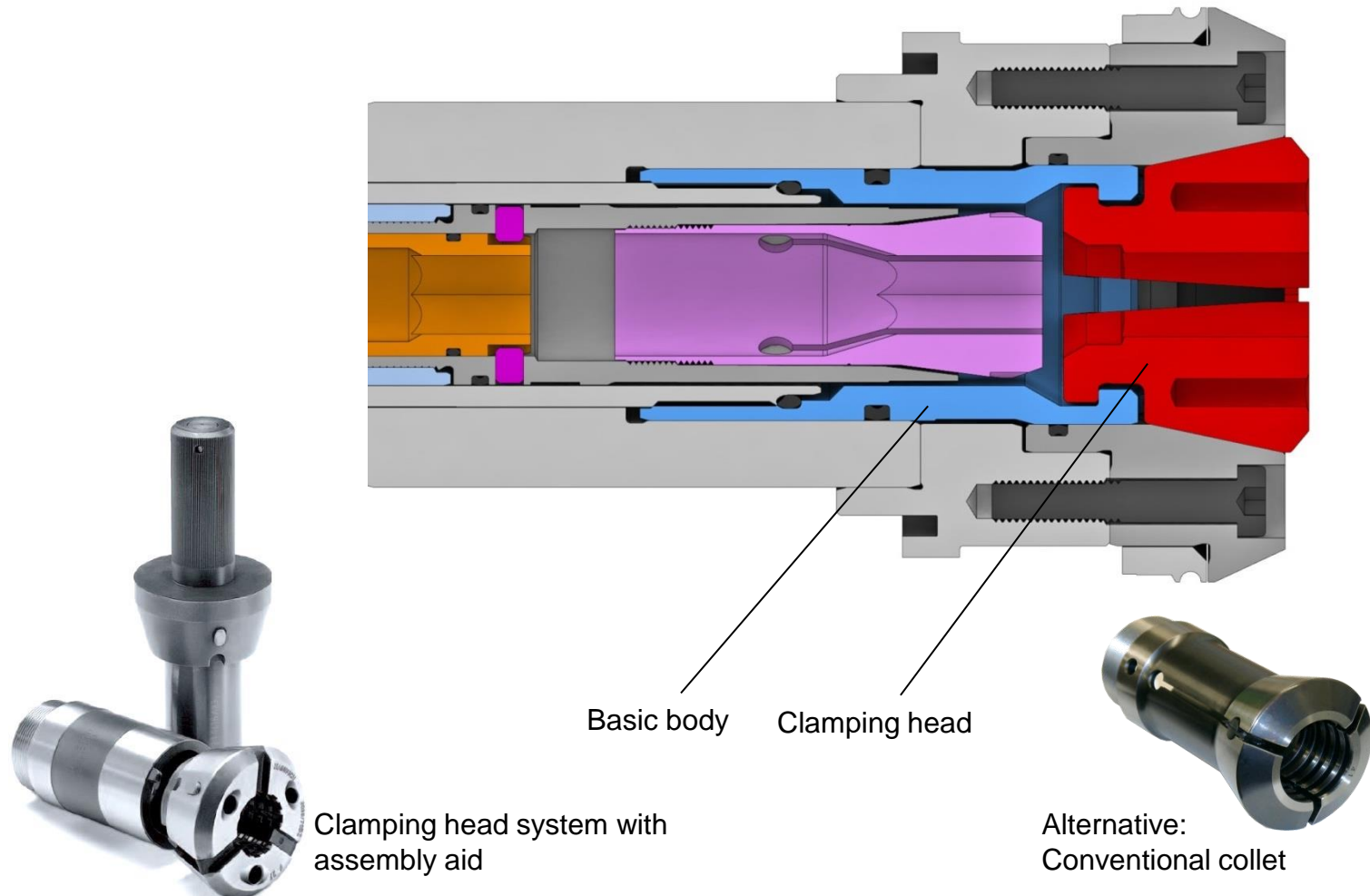
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Bar guidance



Multispindle machines

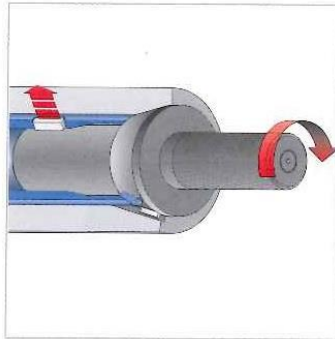
Workpiece clamping



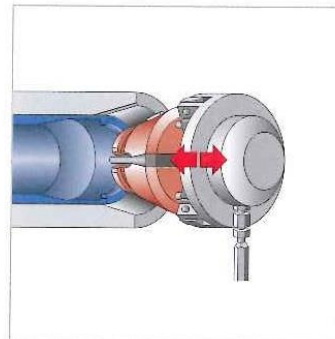
Multispindle machines

Workpiece clamping

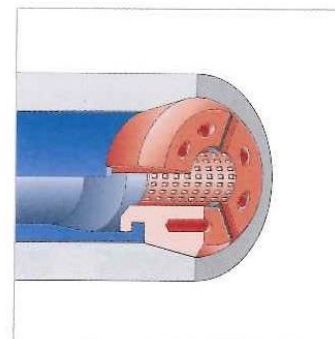
- Simple change of the clamping head from the work space
- Long lifetime due to case hardened steel
- Parallel clamping, high rigidity and clamping force
- Contamination resistance due to vulcanization
- [Often: Serration with closed first groove]



The basic body is installed or removed with an assembly aid.

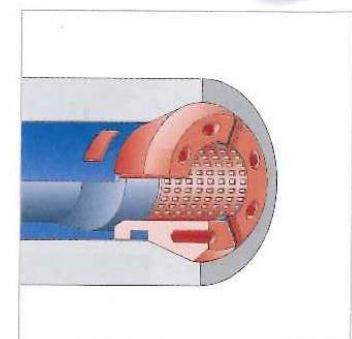


Use a changing fixture that is inserted into the face holes to collapse the segments of the clamping head far enough to the inside that it can uncouple without a problem.



The System BZ

- Simple »original« coupling
- Used wherever there are no space or wall thickness problems



The System ZW

- Coupling type especially for multi spindles
- Offers more capacity with the same outer geometry

And how can we help you?