



Quick Change Tapping Chuck WFLC and WFLC..K

Schulung.ppt
5 September, 2002

Cutting and forming threads with better technology

The BILZ-WFLK tapping chuck, designed in 1960, was the first tapping chuck worldwide for machining centers. Similar to this innovation the new WFLC is a system which is better than all wellknown systems.

Length Compensation without ball cage

A new design of the length compensation guarantees the best division of the forces. This is done by non-symmetrical positioned balls. An easy moving of the length compensation is possible under torque as well.

This technique replaces the ball cage of the WFLK. So the WFLC is more resistant against dirt and chips and is stronger.

Additional hard start

The additional hard start is fixed and not adjustable. So there are no possibilities of malfunction of the hard start because of wrong adjustment.



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Max. coolant pressure 50 bar (725 PSI)

The coolant through is hydrostatics neutral. This means it has no influence on the other functions of the WFLC..K.

The axial surface-sealing between chuck and adaptor gives the possibility to use BILZ standard-adaptors

WFLC and WFLC..K with modular shank

The modular shanks of the chucks give the possibility to connect all WFLC and WFLC..K with the BILZ-adaptors WA or with whistle notch or weldon-adaptors.

This gives the possibility to use the chucks on machines with different spindles.

The chucks type WFLC and WFLC..K are resistant against dirt and chips and they are maintenance free. This increases the safety of production.



WFLK
ball gage

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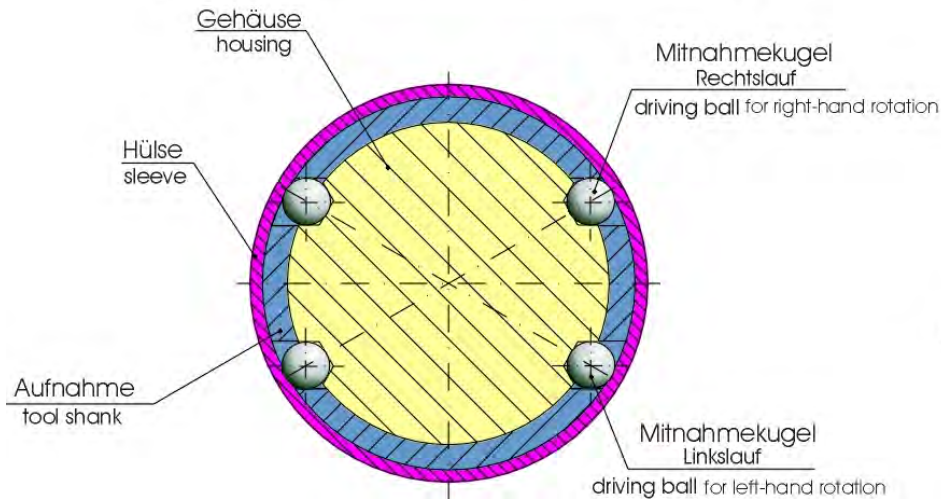


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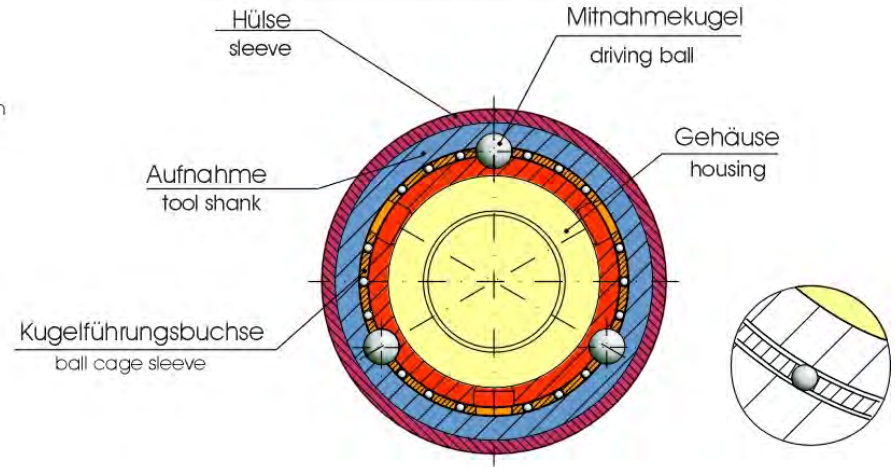
Verfasser: Markus Nolting / Marketing

Folie 3

Schnitt: WFLC -Drehmomentübertragung-
section: WFLC -torque transmission-



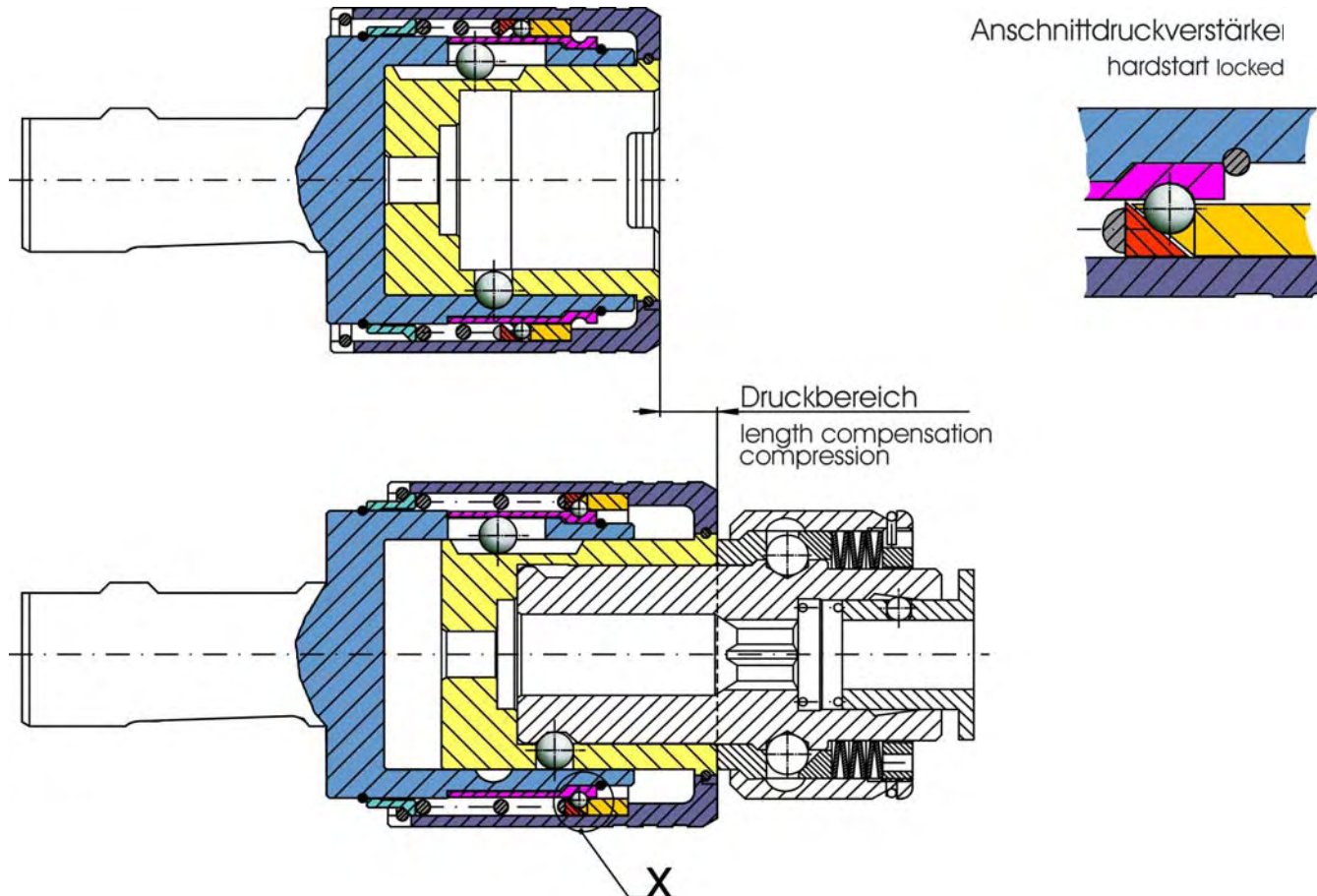
Schnitt: WFLK -Drehmomentübertragung-
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Kühlmitteldruck / coolant pressure
max. 50 bar / 725 PSI

