

Media ducts

NEW!

The media duct is with a very simple mechanism and can be integrated in any cylinders of Hemo Zero Point Systems AG. The media ducts transfer any fluids (water, hydr., oil) or gases, from pallet to pallet.

The opening of the media duct is mechanically and automatically during the starting release of the cylinder and inversely during the unrelease of the cylinder, the media ducts is simultaneously closed.



Oil for clamping



... for tools and palletizing systems



Air

... for cleaning or hard milling (point oriented)

Media ducts of Hemo Zero Point Systems AG

Contact electricity



... for additional equipment or codification

Screw-Cutting oil



... for a quantity dosed into tapped holes

... to reject chips; also to cool machining tools of different sizes at precise and permanently points



Water (cooling emulsion)

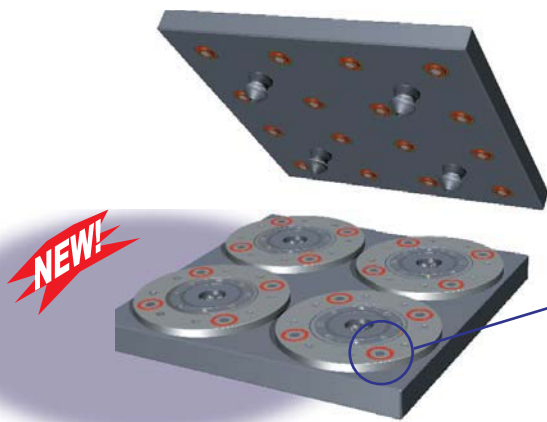


Media ducts

Your advantages for the Media ducts of Hemo Zero Point Systems AG:

- No leakage
- Entirely stainless
- Easier assembling
- Standard pressure 0-500 bar
- Vacuum function
- Coupling under pressure
- Standard temperature until 160°C
- Different application domains
- Media duct couples by pull in force and the automatic movement force of Zeropoint Quickclamping cylinder

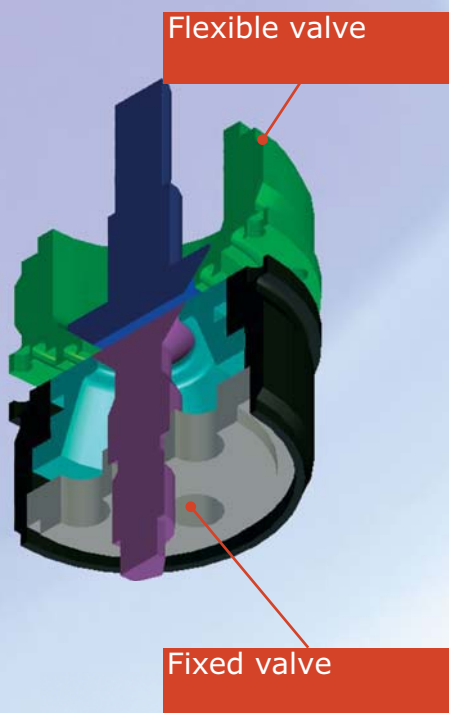
- Short coupling way (ex.: K20, nominal width 7mm, couple way 2mm)
- Great position tolerance (ex.: K20, nominal width 7mm, tolerance 2 mm)
- Surface cleaning through blowing off
- High pressure cleaning through fluid and gas
- Long durability, also in case of pulsating operation
- Available for any types of Hemo Zero Point Systems AG' cylinders



Media ducts



Functional principle of media duct:

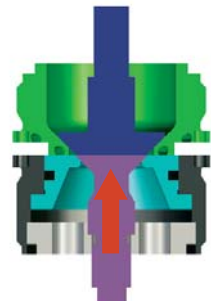


• Position 1



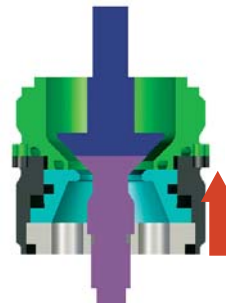
Media duct closed

• Position 2

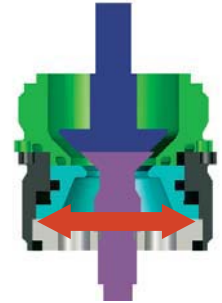


Valves in contact and media duct sealed

• Position 3



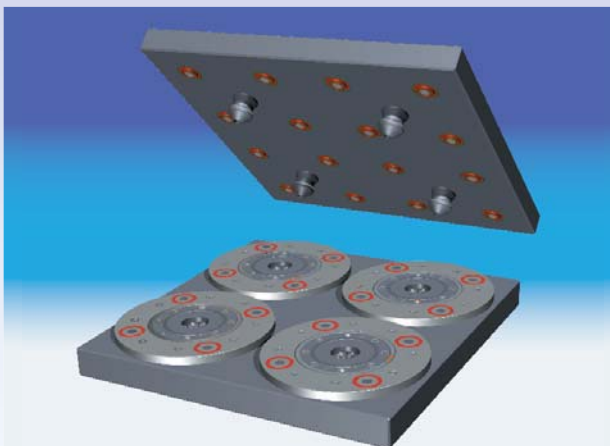
Media duct opened and coupled



Large position tolerance (ex.: NW 13,5 mm, tolerance 2 mm)

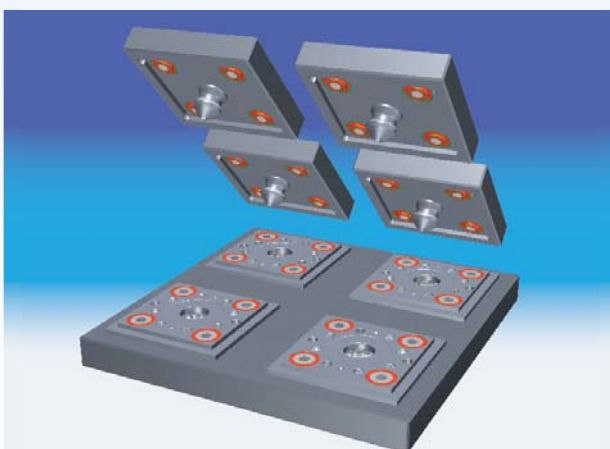
Media ducts

Examples of media ducts integrated in pallets:



Media ducts 1 pallet with 4 Zeropoint Quickclamping cylinders

4 media ducts per round Zeropoint Quickclamping cylinder integrated



Media ducts 4 pallets with 4 Zeropoint Quickclamping cylinders

4 media ducts per square Zeropoint Quickclamping cylinder integrated



Media ducts 1 pallet with 2 Zeropoint Quickclamping cylinders

1 external media ducts in pallet integrated



Media ducts 1 pallet with 1 Zeropoint Quickclamping cylinder

4 media ducts in square Zeropoint Quickclamping cylinder integrated