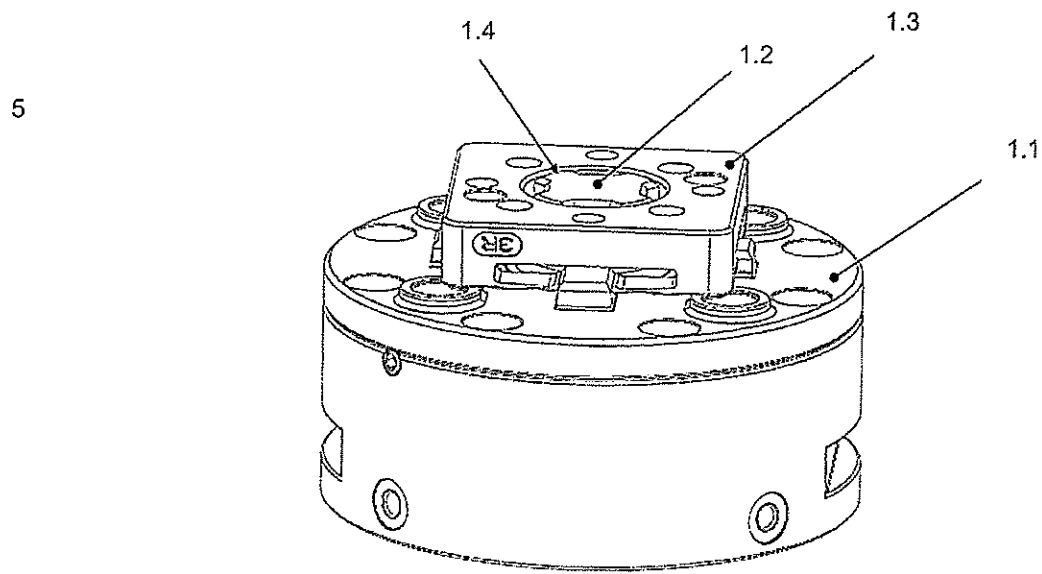
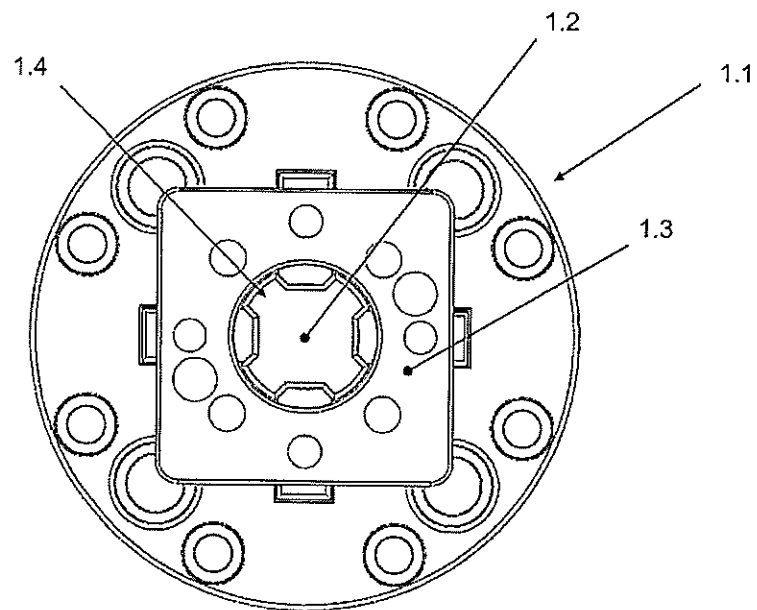




10 Fig 1a. 3D-view of the clamping chuck and pallet



20 Fig 1b. Top-view of the clamping chuck and pallet, drawbar in locked position

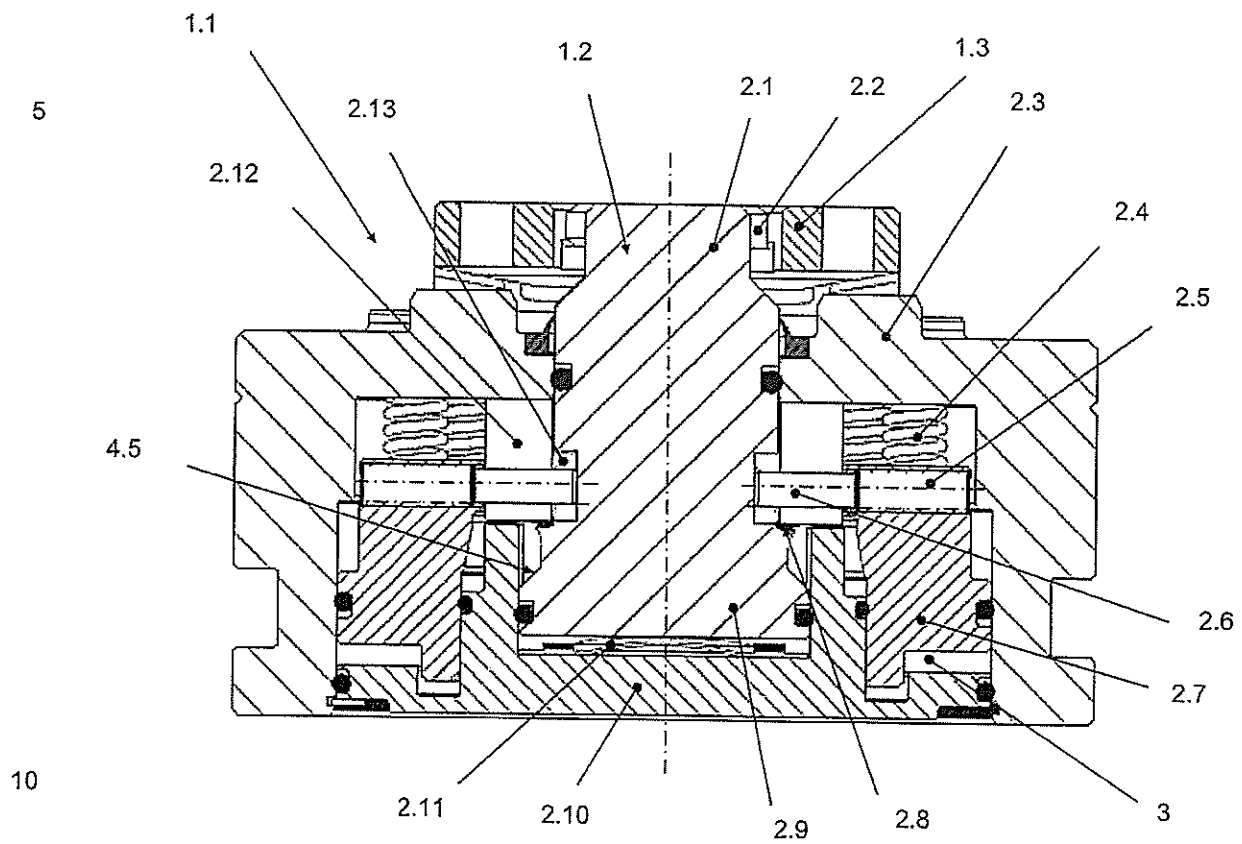


Fig 2. Cross-section of the clamping chuck and pallet

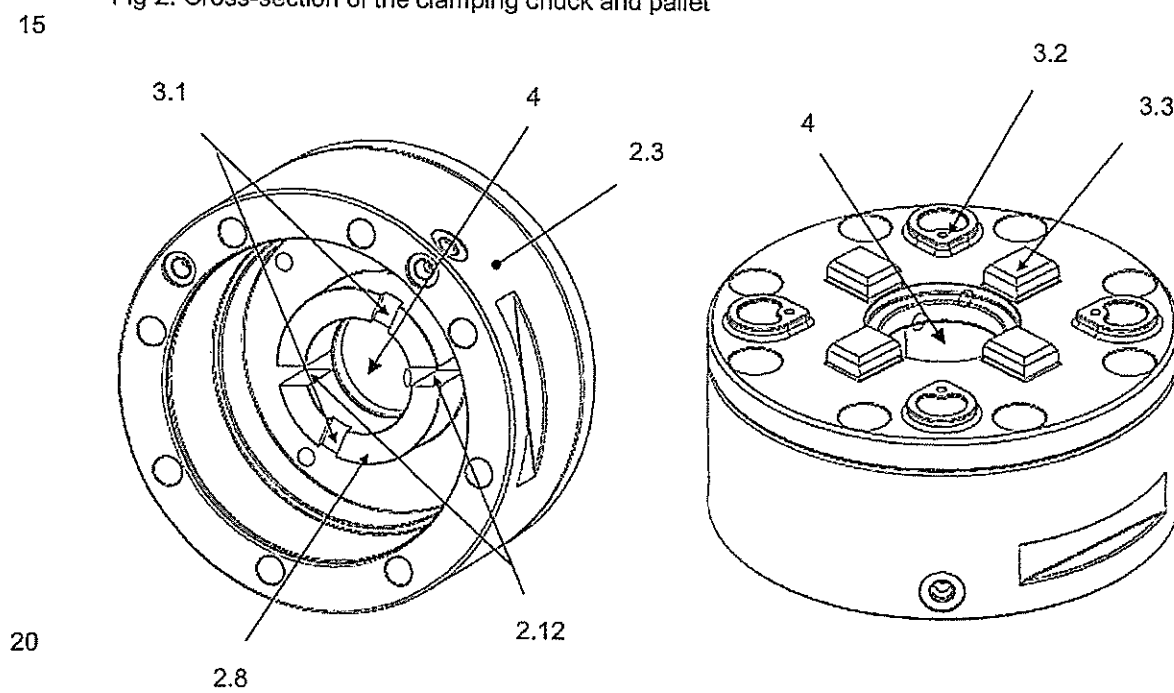
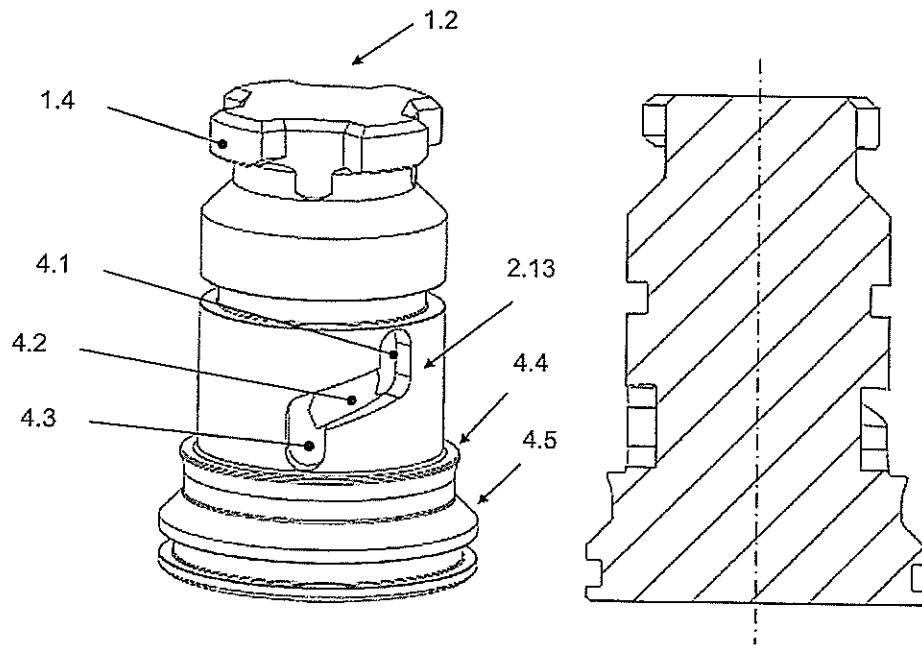


Fig 3. Clamping chuck housing



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Fig 4a. Drawbar with S-shaped spiral guiding grooves

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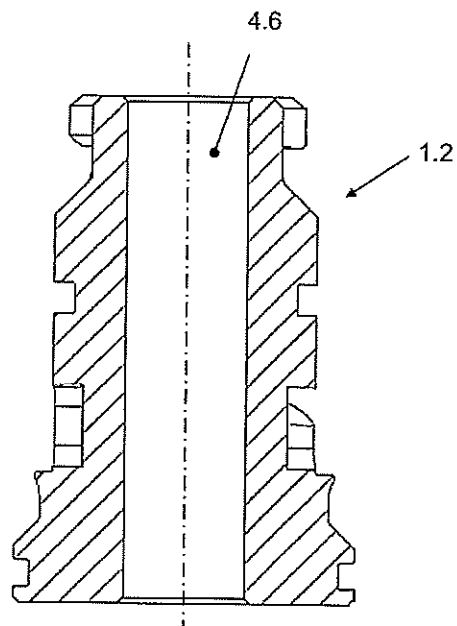
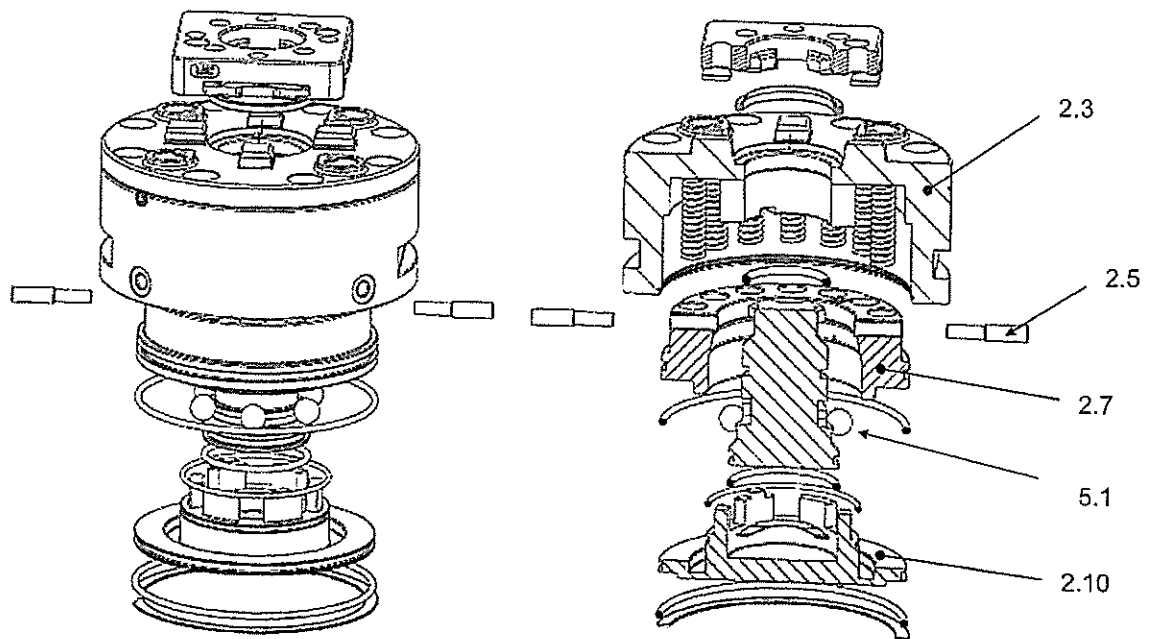


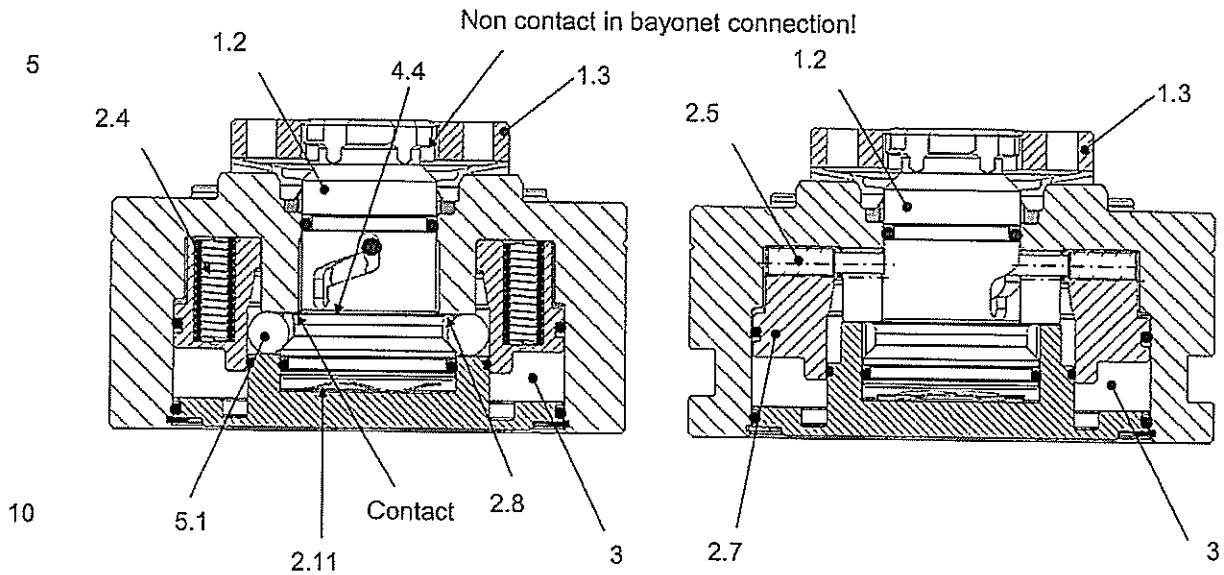
Fig 4b. Hollow version of the drawbar

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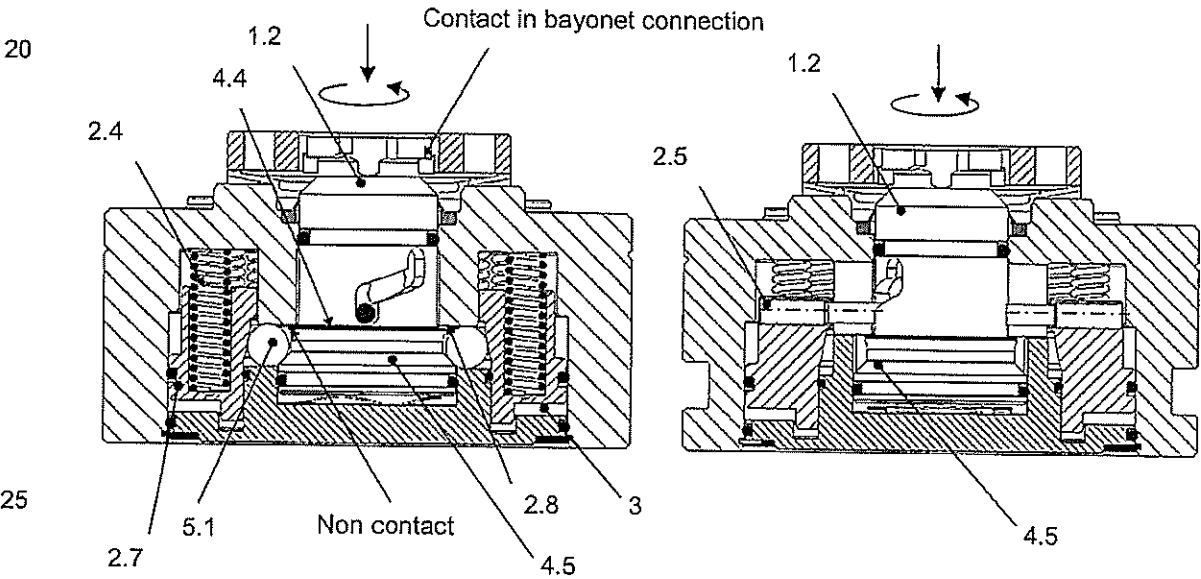


15 Fig 5. Clamping chuck complete, "exploded" view and cross-section for visualization



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Fig 6a. Clamping chuck with drawbar in open position, cross section in 0 degree and 90 degree



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Fig 6b. Clamping chuck with drawbar in clamped position, cross section in 0 degree and 90 degree view

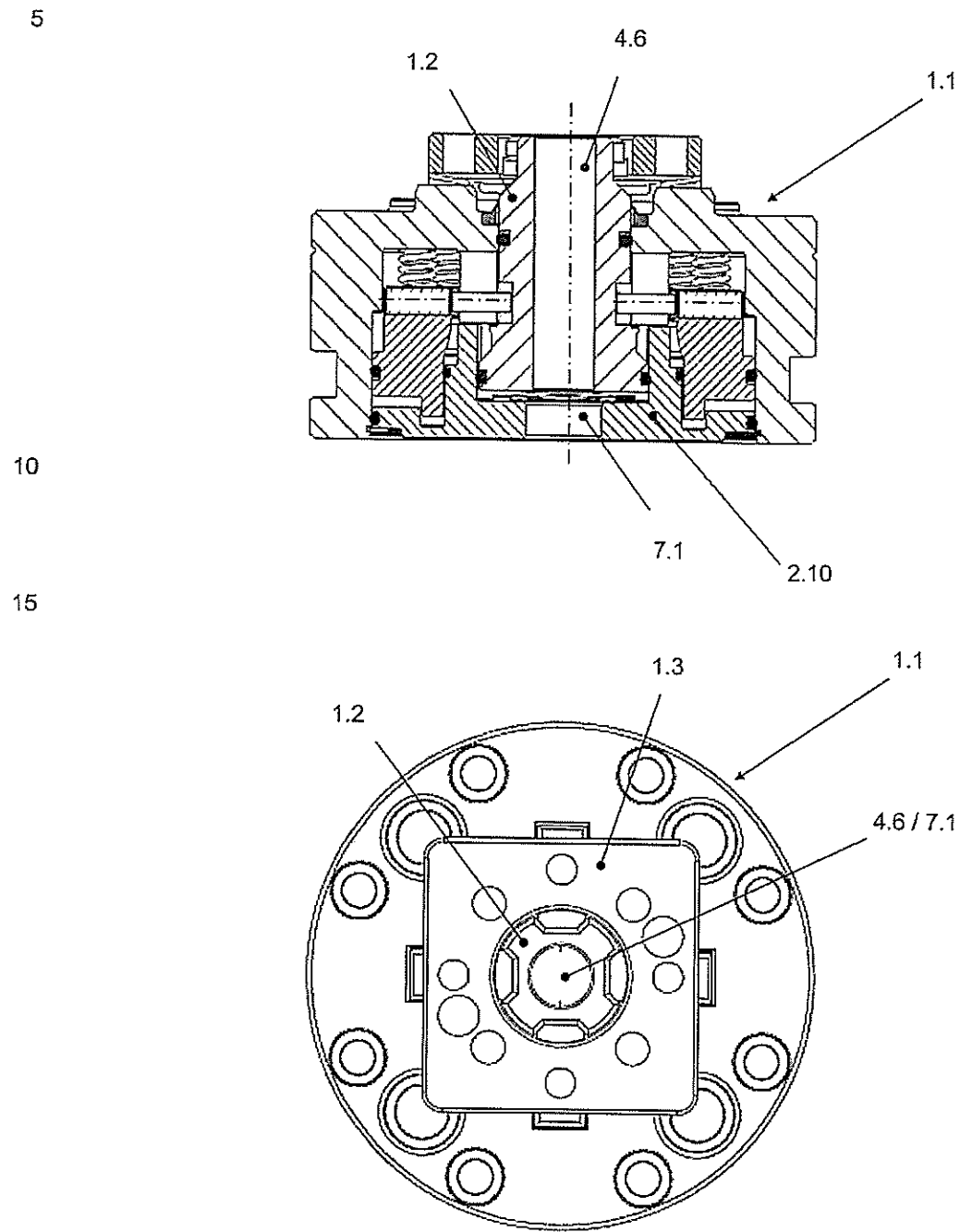


Fig 7. Hollow version of the clamping chuck, side and top view