

Title (en)  
HEAT-SHRINKABLE CHUCK

Title (de)  
WÄRMESCHRUMPFUTTER

Title (fr)  
MANDRIN DE SERRAGE A RETRAIT THERMIQUE

Publication  
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Application  
**EP 01978359 A 20010912**

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Abstract (en)  
[origin: WO0226429A1] The invention relates to a heat-shrinkable chuck for clamping tools by means of shrink-fit. Said heat-shrinkable chuck comprises a chuck body (1), which can be fixed to the work spindle of a machine tool and inside of which a central seat (2) is provided for the shaft (3) of a tool to be clamped. The inventive heat-shrinkable chuck is characterized in that the central seat (2) is non-circular and has, along the periphery thereof, several interspaced clamping areas, which are situated on a common diameter and via which the shaft (3) is clamped. Damping areas (5) of a larger diameter are provided between said clamping areas (4).

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