

Housing part for a pneumatic clamping and/or braking device

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Abstract

10 This disclosure describes a housing part for a pneumatic clamping and/or braking device, the housing part comprising: an annular recess for clamping an annular spring plate between a first contact surface of the housing part defined by the recess and a second contact surface of the housing part defined by the recess; a clamping element having a clamping surface which is designed, when the spring plate is clamped in the recess between the first contact surface and the second contact surface in such a way that a first end of the spring plate is supported on the first contact surface, the spring plate extends from the first contact surface to the second contact surface, and a second end of the spring plate presses on the second contact surface, to transmit a clamping and/or braking force to an object to be clamped and/or
15 braked; wherein the housing part comprises a first latching means and a second latching means, wherein, when the spring plate is clamped in the recess between the first contact surface and the second contact surface, the first latching means is designed to latch the first end of the spring plate on the first contact surface and the second latching means is designed
20 to latch the second end of the spring plate on the second contact surface. The disclosure further describes a clamping and/or braking device for clamping and/or braking an object to be clamped and/or braked, comprising two of the housing parts.

(Fig. 6A and 6B)