

# Standard Parts

**Agathon Guiding System Plus  
6701 | 7231 | 8005**

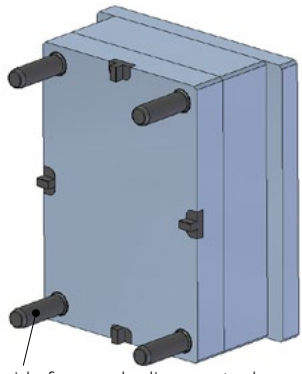
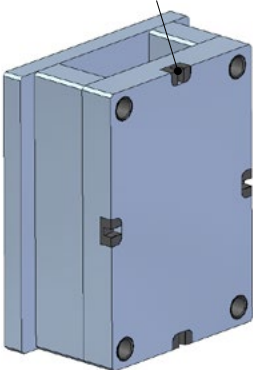


**Guiding and Centering all in One**

**AGATHON**

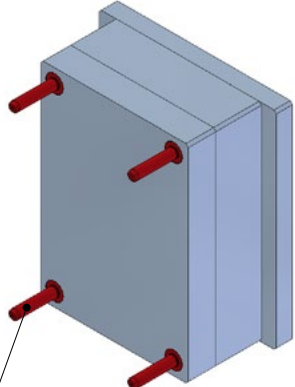
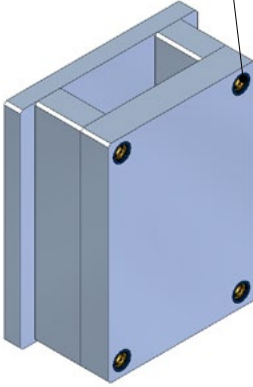
# Concept

Conventional flat centering for precise alignment when closing the mold



Main guide for rough alignment when closing and assembling

Rolling bush system 7231 for backlash-free guiding and centering over the entire closing stroke



System guide pillar 6701

The tool concept can be significantly simplified with the Agathon Guiding System Plus:

- Guiding and centering with only one system
- Cost savings, manufacturing of pockets for conventional flat centering is no longer necessary
- Long centering stroke
- Construction practices barely changed

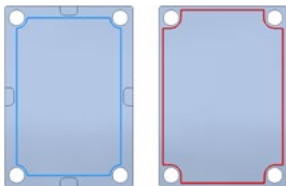
# Advantages

## Flexibility – One for all



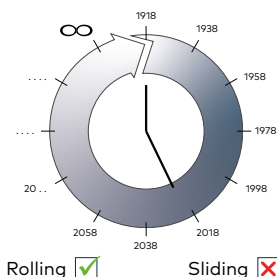
- Flexible collar concept allows adaptation to different plate thicknesses
- Quick and easy installation due to mold construction standard
- Can be combined with other pillars from the Agathon pillar program
- Available from stock

## Utilization of the mounting surface



- Combined guiding and centering, fewer components to install
- More surface area for additional cavities
- The productivity per mounting surface is greatly increased

## Lifespan and precision



- Highest precision due to preloaded profile rollers
- Minimal maintenance requirements reduce production interruptions
- For temperatures up to 170 °C / 338 °F and ultrasonic cleaning
- Lifespan 5-12 times longer than conventional systems

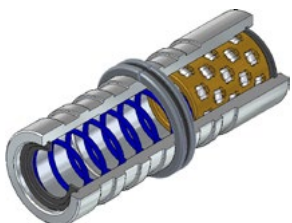
# Product overview

## System guide pillar 6701



- Available diameters 15, 25, 32 and 40 mm with installation diameters of 30, 42, 54 and 66 mm
- Guiding of additional plates on the same pillar is possible

## Rolling bush system 7231



- Available diameters 15, 25, 32 and 40 mm with installation diameters of 30, 42, 54 and 66 mm
- Long centering stroke protects mold cores and plastic parts during demolding
- Use without pairing

## Retaining ring 8005



- Included in the extent of supply of pillar and bushing
- Available as spare parts set

# Other Agathon Products

## Centering & Guiding

### Agathon Mini Fine Centering 7980 | 7981 | 7989



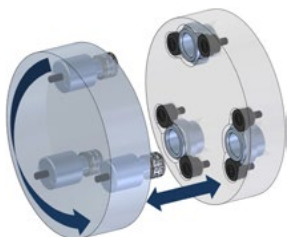
- For light, compact, high-precision centering tasks
- Wide range of applications

### Agathon Fine Centering Plus 7990 | 7992 | 7993 | 7995



- For demanding, high-precision centering tasks: Simple, compact, efficient
- For cleanroom, short stroke, high temperature
- Available in  $\varnothing$  15 to 50 mm

### Multiple centering



- Pillars and bushings individually assembled as paired units
- For the use in multi-component applications

### Individual solutions from Agathon



- Do you want more? Individual guiding and centering solutions for demanding requirements
- Personal advice and support

**AGATHON**

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