



## Maprox AIR – for automation

The new Maprox chuck combines all the advantages of our manual chucks with pneumatic clamping | This makes the chuck fully automatic and controllable via your measuring machine | A true all-rounder with the well known Maprox quantity and flexibility

Type	Item no.
Maprox AIR 160	197100.00

## Your advantages

- **Automatic:**  
By simple on-off control via measuring machine (eg robot loading)
- **Rotating feed:**  
Mounting on turntables welcome!  
Pneumatic supply via rotary union feedthrough
- **Low profile:**  
Overall height of the chuck body only 60 mm
- **Flexible clamping range:**  
Through our proven top-jaw or pin-jaw concept, or depending on customer request
- **Adjustable clamping force:**  
Chuck opens pneumatically against spring force. Adjustable pre-tension of the spring at the top cover to desired force -> resulting in perfect repeatable clamping
- **Inner and outer clamping:**  
Changeover time of only 3 min. through a unique change system by Maprox
- **Interface flexible:**  
Shanks, intermediate plates, adaptation depending on the customer's machine set-up

## Technical details

- Diameter  $\varnothing = 160$  mm  
(further diameters in planning)
- Open with compressed air through the chuck center, with max. 6 bar
- Clamp by means of spring-tension (standard part, exchangeable)
- Jaw travel path (OPEN-CLOSE, not to be confused with clamping range):  
Approx. 8 mm

## Options

- Top jaws for inner and outer clamping
- Standard stepped jaws
- Or with pin jaws, as desired
- Jaws made of steel, coated or aluminum, plastic, etc.



Example with pin top jaws for inner and outer clamping



Example with stepped top jaws for outer clamping



Example of chuck back side with MK2 shaft and rotary union feedthrough



Example of base jaws, on which the top jaws are precisely mounted with our standard positioning bustings

