



Maprox AIR – for automation

The new Maprox chuck combines all the advantages of our manual chucks with pneumatic clamping | This makes the chuck fully automatable, controllable via your measuring machine | A true all-rounder with the famous Maprox flexibility

Type	Item no.
Maprox AIR 160	197100.00

Your advantages

- **Automatable:**
By simple on-off control via measuring machine (eg robot loading)
- **Rotatable feed:**
Mounting on turntables welcome!
Pneumatic control via rotary feedthrough
- **Extra flat:**
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 wish
- **Adjustable clamping force:**
Chuck opens pneumatically against spring force. Pre-tension the spring on the top cover to your needs -> Coming along with: 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 measuring machine

Technical details

- Diameter $\varnothing = 160$ mm (further diameters in planning)
- Open with compressed air through the chuck center, with max. 6 bar
- Close by means of spring (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
- Execution as usual stepped jaws
- Or as pin jaws, as desired
- Jaws made of steel, coated or aluminum, plastic, etc.



Example with pin jaws for inner and outer clamping



Example with stepped top jaws for outer clamping



Example of chuck back side with MK2 shaft and rotary feedthrough



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



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