



# Astral S Cylinders



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## CYLINDER SECURITY – Attack Resistance

- High breaking and pulling resistance thanks to the Snap resistant cylinder: the steel bi-material core is visible also with the cylinder already installed on the door.
- High bumping (striking) resistance thanks to the BKP (Bump Key Power) device.
- High anti-burglary (impression or wax techniques) resistance thanks to the special configuration of the springs.
- High drill resistance, thanks to the hardened steel key biting system.

## KEY RELATED SECURITY

- Bitting system with 10 pins arranged on 2 rows.
- Over 1,600,000 possible combinations (different keys).

## MASTER KEYING POTENTIAL

- The 10 pin key bitting system offers excellent access management possibilities. For example: 63,000 different cylinders for one master key.

## DURABILITY

- Tested up to 100,000 cycles.

## EN 1303:2005

- Compliant with the European Standard EN 1303:2005.
  - Attack resistance: 1  0  1  2
  - Key Related Security: 6  1  2  3  4  5  6
  - Durability: 6  4  5  6
- For armored doors classified 1 to 3 according to the 1627 Standard draft.

## CERTIFICATIONS

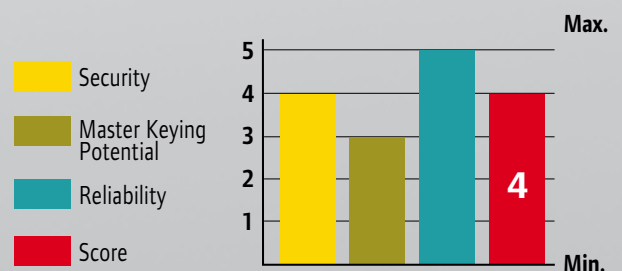
- ICIM EN 1303:05 16010C61 – Europe Certification
- Ghost – Russia Certification.

## PATENTS

- Snap Resistant Cylinder: B02003V000006.
- BKP: registered patent.

## APPLICATIONS

- Astral S is the ideal product for medium-security applications: residential buildings, armored door manufacturing, shops and small-sized offices.



**Technical features:****CYLINDER:**

- Key biting system: 10 pins (6 active, 4 passive).
- Brass body with segment pack throughout the cylinder length.
- Brass plugs.
- Self-lubricated sintered steel DIN cam.
- Case-hardened steel pins.
- Hardened drivers.
- Phosphor bronze and steel springs.

**KEY:**

- Flat, non-handed insertion.
- Material: nickel plated brass.
- Numbered key head.
- Thickness: 2.9 mm.
- Depth: 0.48 mm.

**Finishes:**

- Standard:
  - ground brass (fin. 00).
- On request:
  - nickel-plated brass (fin. 12)
  - polished brass (fin. 66).

**On request:**

- KA, MK, GMK, GGMK, CE, CA, C5, CL, CP, PP (CL and CP long neck keys, compatible with protective roses, CP with plastic head insert and customizable key profile).

**Supplied as standard:**

- Fixing screw.
- 3 keys item 1.00620.01.0.
- CODE CARD: enables to obtain true copies of the original key by entering the indirect code printed on the card in an electric duplication machine.
- User and maintenance instructions.