PRODUCT DATA SHEET

Akura Akura rim cylinder AZI

SKU EV.AKURA.AZI
Producer No. M.A44.AI.AZ28.AZI

The most flexible system for residential buildings on your side
What characterises a residential locking system? Safety, flexibility, attractive pricing and investment security. Akura 44 scores in all these categories.

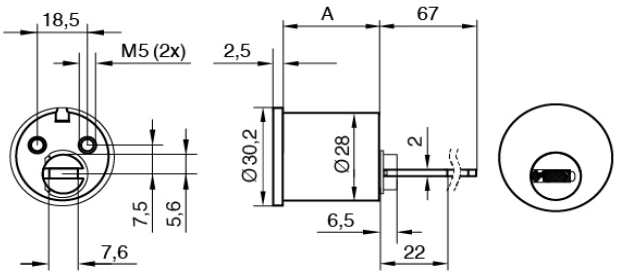
The Akura 44 access system is suitable for many types of buildings due to its high performance capability. The reversible key, the security features of the system and the wide range of cylinder designs are ideal for residential locking systems. Many options for more security and easy installation expand the field of application. Thus, the security level can be increased with the optional copy protection.

Measurements

- mounting diameter: 28 mm
- cylinder: Ø 30,2 mm

Technical characteristics:

- authorization check on cylinders occurs in several levels
- 3 locking pins levels
- combination of a variable length profile, 6 active and up to 10 passive scanning pins
- locking path: 360°
- locking bar for door thickness up to 45 mm (locking bar for other door thicknesses on request)
- locking bar can be shortened every 5 mm by buckling
- with fixing plate ABUS®
- patent protection until 2037



Execution

- reversible key system
- horizontal, easy key insertion
- cylinder body: brass matt nickel plated, cylinder core: basic material brass
- combination with electronic locking system possible

Options / Special equipment

- different cylinder finishes *
- rosette 50 mm, rosette ABUS®
- another option soon available: Vario function

Operational area

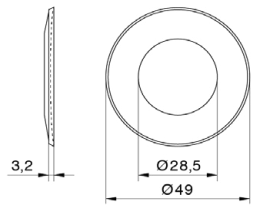
- prepared for ABUS®-additional locks
- apartment entrance doors
- for well structured locking systems
- residential buildings, industry & commerce, office buildings

Scope of delivery

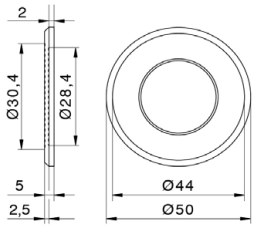
- rim cylinder AZI incl. ordered key
- without rosette (rosette 50 mm oder rosette ABUS® is optional)
- 2 fixing screws M5 x 40, fixing plate ABUS®
- Security card

Rosette 50 mm, rosette ABUS®:

- cylinder rosette with 50 mm outer diameter, inner diameter 28 mm
- cylinder rosette for rim cylinder in combination with APA fixing plate ABUS®, outer diameter 50 mm, inner diameter 28 mm



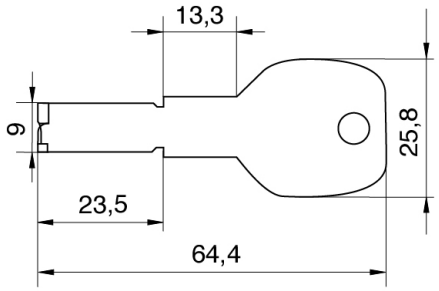
Rosette 50 mm



Rosette ABUS®

Key

- key thickness: 3,5 mm
- variable length profile
- made from high quality nickel silver, strong key cross section
- very resistant, low wear
- 3D shaped key tip, torsion curve
- optimum grip and ergonomics
- optional: key with color dot, design key
- optional with magnetic pill - 100% 3D print secure (magnetic copy protection)
- soon available: key with extended key neck

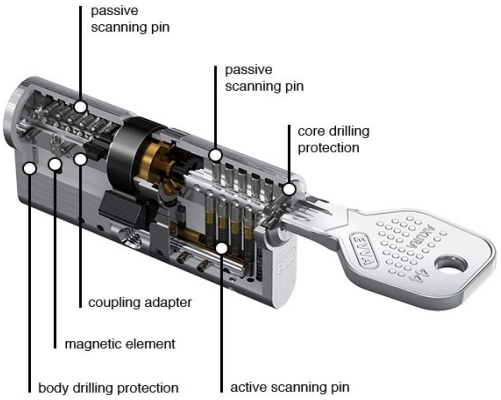


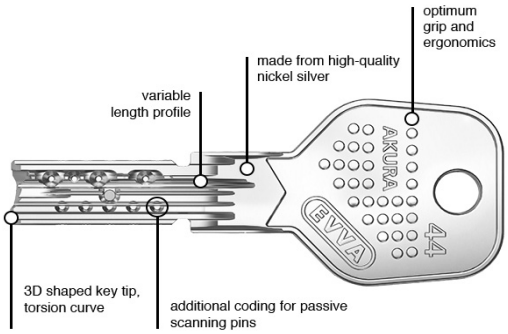
Technical details

The authorization check on Akura 44 cylinders occurs in several levels simultaneously, namely through the combination of a variable length profile, 6 active and up to 10 passive scanning pins, which also extend the calculation capacities. Optional magnetic copy protection protects critical access points, if required and makes it difficult to copy keys or manipulate with the cylinder.

The Akura 44 cylinder offers drilling, pulling, picking and scanning protection and thus protects against illegal opening methods. Increased core-pulling and drilling protection due to special hard metal elements in the core and body designed for doors with increased security risk. Examples include side entrances and other doors into low-visibility access situations.

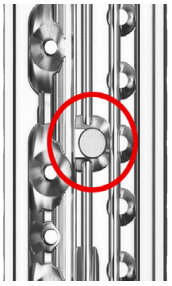
Due to the use of a special nickel silver alloy in the cylinder core, the locking cylinder withstands increased forces, e.g. in central cylinders in frequently locked entrance doors.





On request more secure due to magnetic protection

The magnetic protection guarantees the key 100% 3D print security and the cylinder break-open security.

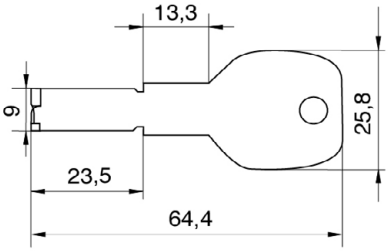


It is very difficult to copy the key even with professional tools, with the magnetic copy protection. A magnetic pill activates a mechanism in the locking cylinder that verifies locking authorization. **This option cannot be installed retrospectively and requires the use of the keys with magnet option.**

For technical reasons, magnetic protection cannot be selected by this cylinder. If this cylinder is combined with a cylinder with magnetic copy protection, you need key with magnetic coding!

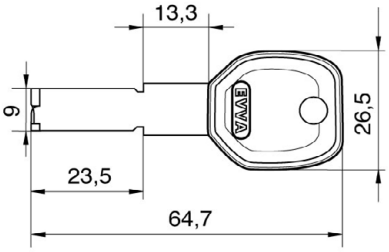
Key with color dot

- colors: eggplant, blue, brown, dark red, yellow, green, pink, red, black, purple
- color dot in a recess on the key neck
- for optical differentiation
- color dot may be different from the picture on the website



Design key

- colors: graphite black, traffic yellow, red orange, pigeon blue, pure white
- for optical differentiation
- key thickness: 3,5 mm, material thickness design cap: 5,6 mm
- 3D shaped key tip, torsion curve
- optimum grip and ergonomics
- optional with magnetic pill - 100% 3D print secure (magnetic copy protection)
- **factory assembly, subsequent opening and retrofitting is not possible**



* this selection extends the delivery time

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