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## Design

- Compact, lightweight, and superior corrosion and chemical resistance
- 8-pin precision cylinder with very high number of real key differs
- 9 different shackle options, with 6.5 or virtually 5 mm shackle diameter
- Double bolt locking mechanism
- Automatic locking for best usability combined with key retaining function for higher safety
- Precise and safe as well as torsion and breaking resistant key
- All body sides and large key head for spacious engravings
- Suitable for food industry: detectable and FDA-approved lubricant
- Service: laser engraving, master key systems and KA padlocks
- Available in: red, blue, yellow, orange, green, purple, brown, grey, white, black

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## Material

- Strong, solid anodized aluminum body, protected by ABS cover
- Shackles available with material/diameter:  
steel 4.76 mm, steel with insulating PE plastic coating 6.5 mm, stainless steel 4.76 mm, non-conductive PA66 plastic 4.92 mm or flexible PU-sheathed stainless-steel cable 4.76 mm
- Brass cylinder and key, both nickel-plated
- Lubricant FDA-approved (NSF H1 classification)

## Dimensions in mm



40 mm    20 mm    38 or 75 mm or flexible for CAB versions    4.76, 4.92 or 6.5 mm see 1<sup>st</sup> page    22 mm    91 or 128 mm or flexible for CAB versions

## Temperature Range

- -20°C to +90°C (-4°F to +194°F)
- Flame rating of ABS: UL94HB

## Chemical Resistance

All approved chemicals listed are based on the manufacturer's specified chemical resistance chart for the plastic material only.

| Chemical                          | Grade                   |
|-----------------------------------|-------------------------|
| Mineral lubricants                | Resistant               |
| Aliphatic hydrocarbons            | Resistant               |
| Aromatic hydrocarbons             | Not resistant           |
| Gasoline                          | Resistant               |
| Weak mineral acids                | Resistant               |
| Strong mineral acids              | Not resistant           |
| Weak organic acids                | Resistant               |
| Strong organic acids              | Conditionally resistant |
| Oxidizing acids                   | Not resistant           |
| Weak bases                        | Resistant               |
| Trichloroethylene                 | Not resistant           |
| Perchloroethylene                 | Conditionally resistant |
| Acetone                           | Conditionally resistant |
| Alcohols                          | Conditionally resistant |
| Hot water (hydrolysis resistance) | Resistant               |
| UV light and weather              | Conditionally resistant |

## Legal Notes

ABUS products are sold with the understanding that the buyers will test them in actual use and determine for themselves their adaptability to their intended uses.