

PRODUCT DATA SHEET



diamant rim cylinder

SKU DO.diamant.AZ.555P
Producer No. 555P

Everlasting quality

The DOM diamant system impresses with extreme performance values. Here you can experience the high quality of another generation - made by DOM. The diamant system allows far higher requirements for protection and locking comfort. This is made possible by the steel locking mechanism with 21 rotating steel discs. Every single component, from the material to the locking mechanisms, stands for uncompromising quality down to the last detail.

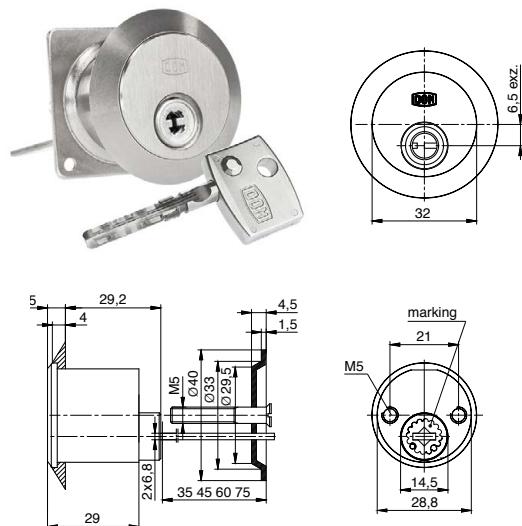
Measurements

- case length: 29 mm
- mounting diameter: 32 mm
- drilling distance: 21 mm



Technical characteristics

- 21 rotating, ball bearing mounted steel discs
- 35-fold locking authorisation queries per key
- 2 upstream inspection discs
- 3 axially arranged locking rollers
- coreless locking system
- 10 rotating locking elements
(freely rotating, stainless steel locking segments)
- 6 massive pin locking elements
- lateral revision pins
- 10 years DOM additional warranty if registered under DOM



Execution

- cylinder body: duracast
- corrosion-free and low-wear

Operational area

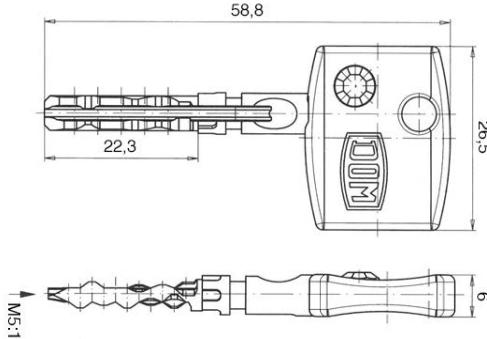
- external doors, additional box lock for front doors with increased security requirements
- for additional box locks, these are listed under door accessories
- design for wooden doors
- suitable for DOM box lock with locking shackle 3019-03-2

Scope of delivery

- rim cylinder (type 555 P) incl. 3 or more keys
- rosette
- retaining plate and 2 fixing screws
- security card

Key

- key thickness: 6 mm
- highest key copy protection through multilinear, three-dimensional key profile, CNC manufactured
- stainless steel key with duracast bow
- ergonomically shaped key head, energy-saving door opening



Care instructions

The DOM diamant cylinders have a disc locking mechanism which must not be lubricated with a solid lubricant (e.g. graphite). They are sufficiently provided ex works with a resin-free liquid lubricant so that their perfect function is guaranteed for a long time. However, to prevent the cylinder from „running dry“ during heavy use, it should be „relubricated“ from time to time with the DOM service pen.

MIM technology

DOM diamant achieves extreme performance values with the innovative disc technology and the cylinder fully encased in high-quality MIM steel. The stainless steel used here is coated with the special MIM process (metal injection moulding), a powder injection moulding process.