

▶▶▶ Data sheet | 3KS locking system double cylinder

The double cylinder with 3KS technology is characterized by a unique springless function principle and offers high locking and cylinder security combined with the habitual comfort. The organisational, technical and legal key protection guarantees highest key copying protection.

System & technology

- ▶ Comfortable reversible key system
- ▶ Springless and freely movable locking elements
- ▶ Habitual vertical insertion of the key
- ▶ Key patent to protect against illegal key copies

Functional characteristics

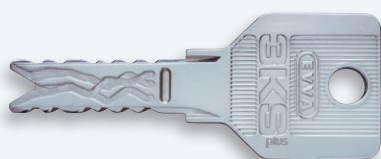
- ▶ High durability thanks to special nickel silver alloys
- ▶ Impassible against dust and ice
- ▶ Smooth locking operation thanks to the special surface finish of the locking elements
- ▶ Standard locking function: if a key is inserted on one side of the door, it cannot be opened from the other side.
- ▶ Optional: external key override (BSZ), even if a key is inserted on one side of the door, it can be opened from the other side using any authorized key.

Security characteristics

- ▶ High wear resistance thanks to the springless function principle
- ▶ Highest picking protection thanks to 18 query positions on the key
- ▶ High drilling protection thanks to hard metal elements in body and plug
- ▶ Highest security rating in key related security: grade 6 according to EN 1303:2005
- ▶ Highest security rating in attack resistance: grade 2 according to EN 1303:2005
- ▶ Highest security rating in fire resistance: grade 1 according to EN 1303:2005
- ▶ Highest security rating in corrosion resistance: grade C according to EN 1303:2005

Assembly & operation

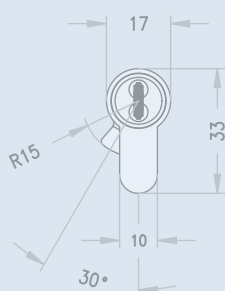
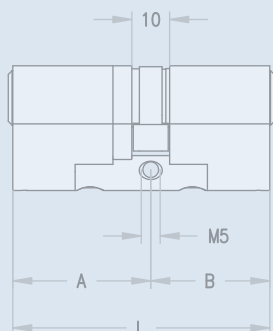
- ▶ Simple assembly in a DIN or ÖNORM mortise lock or tubular frame lock
- ▶ Thanks to the modular system, the locking cylinder can be adjusted to the door situation on site.



key 3KS



double cylinder 3KS



Technical data

Product code:	DZ A/B (A/B, measurements in mm)
Side length:	from 27 mm (with short cylinder, one side)
Shortest cylinder dimension with standard locking function:	27/36 asymmetrical cylinder, thickness of door leaf including fitting or rose 63 mm 31/31 symmetrical cylinder, total length = 62 mm
Shortest cylinder dimension with BSZ (external key override) function and GEFE (external key override emergency and danger) function:	31/36 symmetrical cylinder, thickness of door leaf including fitting or rose 67 mm
Cylinder mounting screw:	M5x60 (Austria), M5x80 (Germany)
Weight:	220 g (DZ 31/31)
Certificates:	EN1303:2005, ÖNORM 5351, DIN 18252, appropriate for fire resistant and smoke control doors EI30, E30, T30, R30
Packaging:	individual, display or master key system packaging
Special function:	cogwheel cam for doors with multi point locking, Special cam functions (e.g. double cam), KZS (special drilling and pulling protection) GEFE (emergency feature) VdS (Association of German Property Insurers) class B cylinder according to VdS guidelines, Increased corrosion protection for special areas of application

Designs

Standard finishes:	satin nickel plated or Lacquered polished brass
Special finishes:	polished chrome, satin chrome, polished nickel, browned, blackened

Accessories

Dust cover
Special cylinder mounting screws
Maintenance spray