



## Key

### SECURITY

#### Key Related Security

- **PATENT PCT/IT2013/000297-AP4**  
Protected key duplication thanks to **AP4 System technology**, keys can only be duplicated at CISA Solution Partners or CISA
- **3D TRADE MARK NO. 1276648**  
Greater control over key cloning, **thanks to the protected mobile element**, providing **unlimited** protection over time.
- **Security Card** for authorised key duplication only at CISA Solution Partners and CISA.
- **11-pin key bitting system on 3 rows.**  
Offers excellent access management potential.  
E.g. 132,000 different cylinders with one master key
- Up to 80 million possible combinations or **different keys** (mechanical profiles included).

### TECHNICAL FEATURES

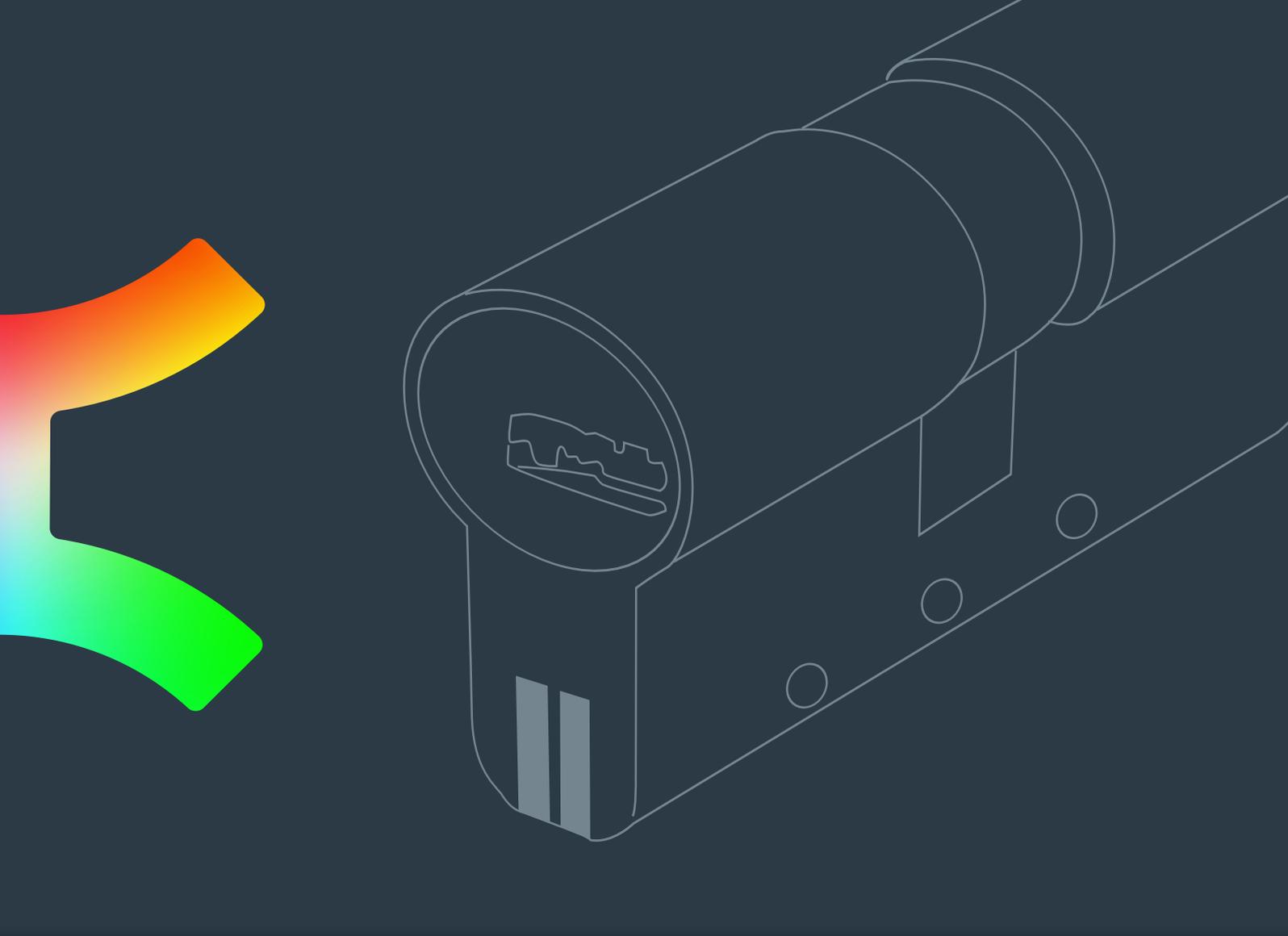
- Flat reversible.
- In nickel silver alloy.
- Numerical code on key bow.
- Key thickness 2.9 mm.
- Depth 0.48 mm.
- Compatible with protective roses.
- Key bow can be personalised with an insert available in 15 different colours.



In compliance with EN 1303:2015 160B0C6D♦1.

Key Related Security: 6						Attack Resistance: D					Durability: 6		
1	2	3	4	5	6	0	A	B	C	D	4	5	6





# Cylinder

## SECURITY

### Attack resistance



- **SNAP RESISTANT PATENT EP1583878**  
Certified resistance against breaking and pulling, thanks to **patented SNAP RESISTANT technology**: bi-material segment pack in hardened steel and stainless steel central segment visible from the outside on both sides of the cylinder



- **BKP PATENT PCT/WO2007/074163A1.**  
Certified protection against bumping, thanks to **BKP patented technology** (Bump Key Power)



- **PATENT PCT/IT2016/000093**  
High resistance to **picking**, thanks to the **system** with new special drivers.
- Certified drill resistance, thanks to the **key bitting system in hardened steel**.
- High resistance to forced entry using the impression or wax technique, thanks to the special configuration of the springs.

## TECHNICAL FEATURES

- 12-pin key-bitting system (6 active, 5 passive, 1 patented pin).
- Brass body with segment pack along the whole length of the cylinder (excluding single cylinders, various cylinders and rim cylinders).
- Brass plugs.
- Clutch-type cam in self-lubricating sintered DIN steel.
- Hardened steel pins and drivers.
- Phosphor bronze and steel springs.
- 100,000 cycles (in compliance with EN 1303: 2015 Durability: 6).

### Finishes

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

In compliance with EN 1303:2015 160B0C6D♦1.

Key Related Security: 6						Attack Resistance: D				Durability: 6			
1	2	3	4	5	6	0	A	B	C	D	4	5	6

