

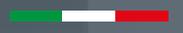


# Cylinders

## TEKNO iNOVATE

New patented system.



  
MADE IN  
ITALY

**TEKNO**  
iNOVATE 

## Security at the tip of the key

CISA TEKNO iNOVATE combines innovative technologies and new patents\* to deliver superior protection for people, homes and workplaces.

 **CISA**

## CISA TEKNO iNOVATE

New patent\*. Protected duplication. Enhanced security.



### 1 CYLINDER

The TEKNO iNOVATE cylinder protects against the most common forced entry techniques, including bumping, picking, decoders (even Topolino type), lock snapping, and drilling.



### 2 MODULAR

TEKNO iNOVATE's patented\* modular system enables the production of customised cylinders directly at CISA TEKNO Centers.



### 3 KEY

The new key features an iconic, elegant design and is protected by four distinct patents against unauthorised duplication.



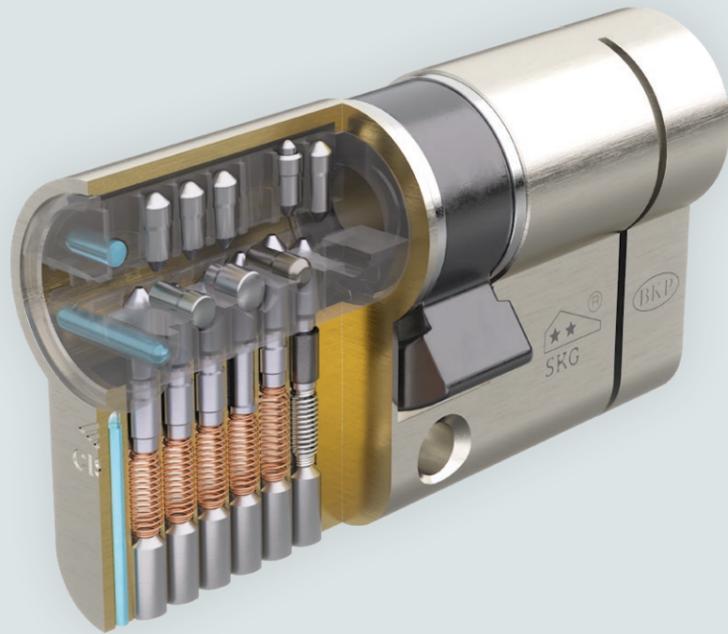
### 4 SECURITY CARD

The Security Card safeguards Tekno iNOVATE security: key duplication is permitted solely at authorised CISA Tekno Centers upon presentation of the card.



## The New Mechanical Patent\*

Cylinder innovation that strengthens the security of the range.



Enhanced protection against unauthorised key duplication and forced entry attempts.

Valid until 2044, TEKNO iNOVATE's new mechanical patent\* fully answers the security needs of people, property and buildings.

### BENEFITS

- **Active security:**
  - 7 active pins
  - 4 passive pins
  - 2 lateral passive pins
- **Protected key duplication:** safeguards against unauthorised key duplication attempts
- **Reverse compatibility:** the iNOVATE key can open Astral TEKNO and TEKNO PRO series cylinders
- **Profiles:** wide range of personalised profiles
- **Possible combinations:** 1,600,000
- **Standard cylinder with clutch system**
- **Outstanding access management potential:** more than 63,000 different cylinders with a single master key.

## CISA TEKNO iNOVATE cylinders

The answer to all access protection needs.



One-piece cylinder



Modular cylinder

### ENSURING THE HIGHEST LEVEL OF PROTECTION AT ALL TIMES.



#### Bumping resistance

Provides protection thanks to the CISA "Bump Key Power" patent.



#### Picking resistance

Offers protection with the CISA "floating driver" patent.



#### Decoder resistance

Blocks impressing techniques and decoder tools, including the "Topolino" type.



#### Drilling resistance

Delivers protection through hardened steel pins, drivers, and reinforced front and side inserts.



#### Cylinder with clutch system

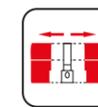
Allows the door to be opened from the outside even if a key is inserted on the inside.



Protected duplication

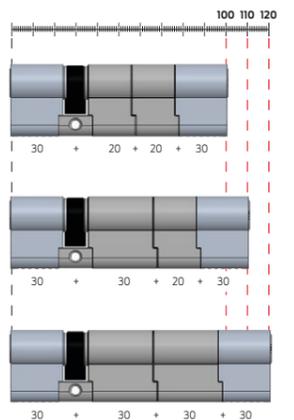


1,600,000 key combinations



#### Modular

CISA TEKNO iNOVATE's modular system allows the production of cylinders in any size, minimising time and inventory. The system uses 44 components (including 15 screws) to assemble up to 150 sizes in all formats up to 120:120.



#### Lock snapping resistance

Ensures protection with dedicated technical solutions for both cylinder versions.



Controlled-snapping cut



Anti-extraction screw



## Security multiplied by four

Mechanical patent\*, trademark and two registered Community Designs.

### MECHANICAL PATENT\*

The interplay of **elements in the cylinder** and **the key**, working together in an innovative and distinctive way, **maximises protection** against unauthorised **key duplication**.

### TRADEMARK

CISA has also secured a **Trademark**, i.e. **unlimited protection** over time, on the key's main features: **the notch** and its **three-dimensional design**.

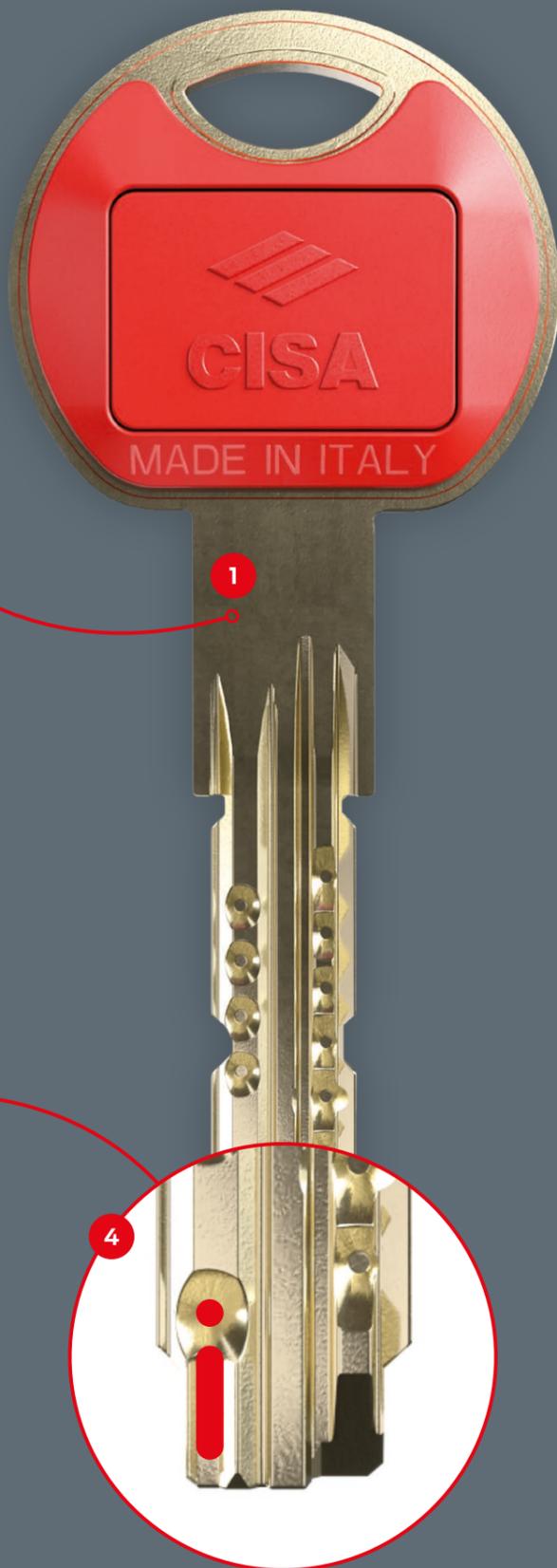


### TWO REGISTERED COMMUNITY DESIGNS

The **design** of the key's main features is **protected** against unauthorised reproduction, ensuring **the key blank cannot be duplicated**.



\*Patent pending.



## CISA TEKNO Center service

Key duplication with total peace of mind.

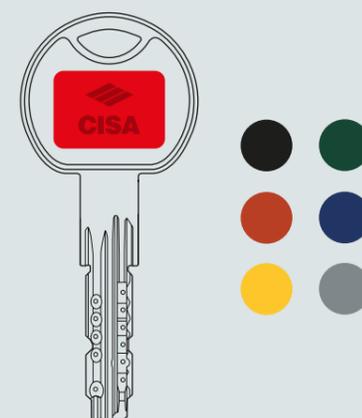
Keys can only be duplicated directly by CISA or at authorised **CISA TEKNO Centers** - a trusted partner network that guarantees **certified copies** without compromising **security**.

The **Security Card** is essential to TEKNO iNOVATE security: **duplication** is only possible upon presentation of the card.



### ADVANTAGES OF BEING A TEKNO CENTER.

- Featured on the **CISA website** in the key duplication section.
- **Customisation** with Tekno Center logo and address on the Security Card and key head insert. Insert also available in **several colours**.

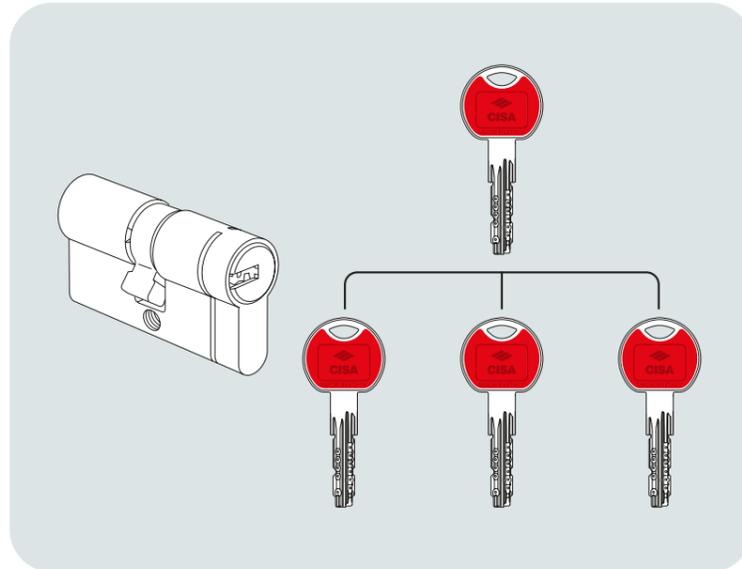


## Range evolution

CISA introduces new features that further strengthen and expand the range.

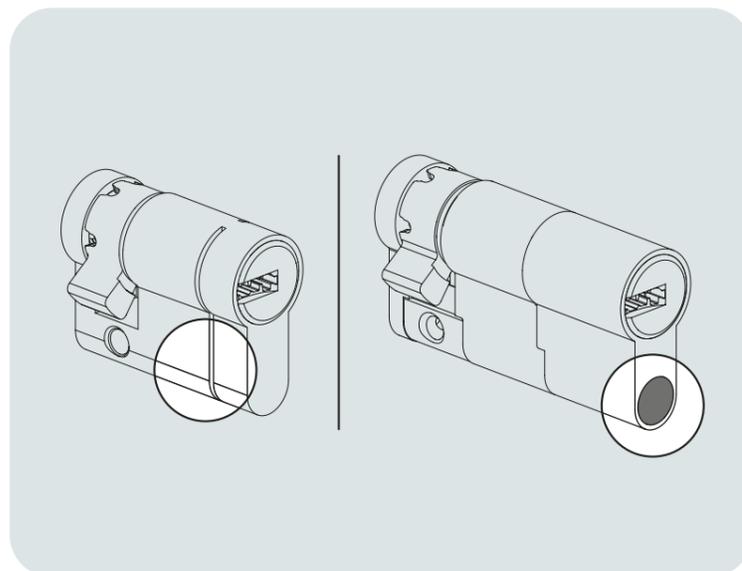
### MASTER KEY SYSTEMS

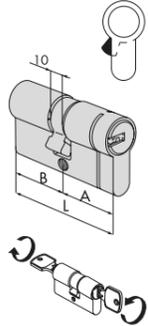
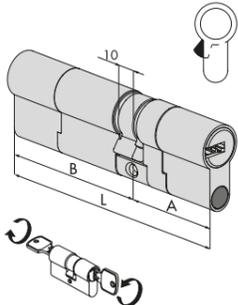
TEKNO iNOVATE's flexibility makes it possible to create special configurations, with the option to develop them also on **customised profiles**.



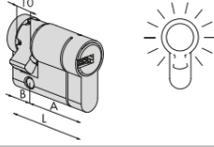
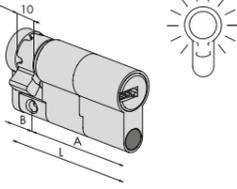
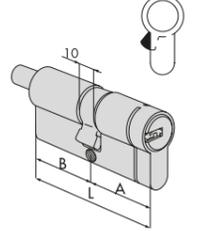
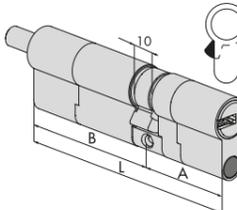
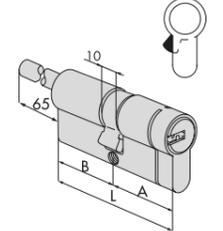
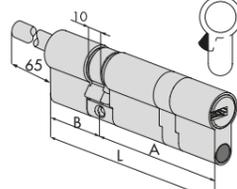
### SINGLE CYLINDER WITH ANTI-EXTRACTION PROTECTION

TEKNO iNOVATE enhances single-cylinder security with anti-extraction protection: **pre-cut** for the one-piece version; **anti-extraction screw** for the modular version.



TYPE	DESCRIPTION	COMM. DIM.	L	A	B	PINS	KEY ITEM	kg		ITEM				
								UNIT WEIGHT	NO. PCS	TYPE	DIM.	HAND	FIN.	
	<ul style="list-style-type: none"> <li>Double cylinder with clutch system</li> </ul>	30/30	59	29,5	29,5	11	100690100	0,275	1	1	OT311	07	0	12
		28/34	61	27,5	33,5	11	100690100	0,275	1	1	OT311	06	0	12
		28/36	63	27,5	35,5	11	100690100	0,283	1	1	OT311	09	0	12
		30/35	64	29,5	34,5	11	100690100	0,278	1	1	OT311	26	0	12
		33/33	65	32,5	32,5	11	100690100	0,298	1	1	OT311	10	0	12
		35/35	69	34,5	34,5	11	100690100	0,312	1	1	OT311	13	0	12
		40/30	69	39,5	29,5	11	100690100	0,312	1	1	OT311	12	0	12
		28/43	70	27,5	42,5	11	100690100	0,312	1	1	OT311	11	0	12
		30/45	74	29,5	44,5	11	100690100	0,314	1	1	OT311	27	0	12
		35/40	74	34,5	39,5	11	100690100	0,314	1	1	OT311	28	0	12
		30/50	79	29,5	49,5	11	100690100	0,330	1	1	OT311	17	0	12
		35/45	79	34,5	44,5	11	100690100	0,330	1	1	OT311	19	0	12
		40/40	79	39,5	39,5	11	100690100	0,330	1	1	OT311	18	0	12
		30/55	84	29,5	54,5	11	100690100	0,344	1	1	OT311	33	0	12
		35/50	84	34,5	49,5	11	100690100	0,344	1	1	OT311	31	0	12
		40/45	84	39,5	44,5	11	100690100	0,344	1	1	OT311	30	0	12
		30/60	89	29,5	59,5	11	100690100	0,360	1	1	OT311	20	0	12
		35/55	89	34,5	54,5	11	100690100	0,360	1	1	OT311	32	0	12
		40/50	89	39,5	49,5	11	100690100	0,360	1	1	OT311	21	0	12
		45/45	89	44,5	44,5	11	100690100	0,360	1	1	OT311	29	0	12
30/65	94	29,5	64,5	11	100690100	0,370	1	1	OT311	41	0	12		
35/60	94	34,5	59,5	11	100690100	0,370	1	1	OT311	38	0	12		
40/55	94	39,5	54,5	11	100690100	0,370	1	1	OT311	42	0	12		
45/50	94	44,5	49,5	11	100690100	0,370	1	1	OT311	39	0	12		
	<ul style="list-style-type: none"> <li>Modular double cylinder with clutch system</li> </ul>	30/70	99	29,5	69,5	11	100690100	0,380	1	1	OT311	24	0	12
		35/65	99	34,5	64,5	11	100690100	0,380	1	1	OT311	22	0	12
		40/60	99	39,5	59,5	11	100690100	0,380	1	1	OT311	25	0	12
		45/55	99	44,5	54,5	11	100690100	0,380	1	1	OT311	43	0	12
		50/50	99	49,5	49,5	11	100690100	0,380	1	1	OT311	23	0	12
		40/65	104	39,5	64,5	11	100690100	0,400	1	1	OT311	44	0	12
		45/60	104	44,5	59,5	11	100690100	0,400	1	1	OT311	54	0	12
		30/75	104	29,5	74,5	11	100690100	0,400	1	1	OT311	56	0	12
		35/70	104	34,5	69,5	11	100690100	0,400	1	1	OT311	49	0	12
		50/55	104	49,5	54,5	11	100690100	0,400	1	1	OT311	64	0	12
		30/80	109	29,5	79,5	11	100690100	0,420	1	1	OT311	37	0	12
		35/75	109	34,5	74,5	11	100690100	0,420	1	1	OT311	57	0	12
		40/70	109	39,5	69,5	11	100690100	0,420	1	1	OT311	35	0	12
		45/65	109	44,5	64,5	11	100690100	0,420	1	1	OT311	45	0	12
		50/60	109	49,5	59,5	11	100690100	0,420	1	1	OT311	36	0	12
		55/55	109	54,5	54,5	11	100690100	0,420	1	1	OT311	70	0	12
		30/85	114	29,5	84,5	11	100690100	0,440	1	1	OT311	77	0	12
		35/80	114	34,5	79,5	11	100690100	0,440	1	1	OT311	58	0	12
		40/75	114	39,5	74,5	11	100690100	0,440	1	1	OT311	59	0	12
		45/70	114	44,5	69,5	11	100690100	0,440	1	1	OT311	61	0	12
50/65	114	49,5	64,5	11	100690100	0,440	1	1	OT311	65	0	12		
55/60	114	54,5	59,5	11	100690100	0,440	1	1	OT311	71	0	12		
30/90	119	29,5	89,5	11	100690100	0,460	1	1	OT311	52	0	12		
35/85	119	34,5	84,5	11	100690100	0,460	1	1	OT311	68	0	12		
40/80	119	39,5	79,5	11	100690100	0,460	1	1	OT311	60	0	12		
45/75	119	44,5	74,5	11	100690100	0,460	1	1	OT311	62	0	12		
50/70	119	49,5	69,5	11	100690100	0,460	1	1	OT311	66	0	12		
55/65	119	54,5	64,5	11	100690100	0,460	1	1	OT311	72	0	12		
60/60	119	59,5	59,5	11	100690100	0,460	1	1	OT311	40	0	12		

→ Other sizes available on request.

TYPE	DESCRIPTION	COMM. DIM.	L	A	B	PINS	KEY ITEM	kg	NO. PCS	ITEM				
										UNIT WEIGHT	NO. PCS	TYPE	DIM.	HAND
	Single cylinder with 14-position adjustable cam	30/10	39,5	29,5	10	11	100690100	0,225	1	1	OT314	02	0	12
		35/10	44,5	34,5	10	11	100690100	0,235	1	1	OT314	07	0	12
		40/10	49,5	39,5	10	11	100690100	0,245	1	1	OT314	03	0	12
		45/10	54,5	44,5	10	11	100690100	0,255	1	1	OT314	08	0	12
	Modular single cylinder with 14-position adjustable cam	50/10	59,5	49,5	10	11	100690100	0,265	1	1	OT314	04	0	12
		55/10	64,5	54,5	10	11	100690100	0,275	1	1	OT314	35	0	12
		60/10	69,5	59,5	10	11	100690100	0,285	1	1	OT314	05	0	12
		65/10	74,5	64,5	10	11	100690100	0,295	1	1	OT314	21	0	12
		70/10	79,5	69,5	10	11	100690100	0,305	1	1	OT314	06	0	12
		80/10	89,5	79,5	10	11	100690100	0,325	1	1	OT314	20	0	12
		95/10	104,5	94,5	10	11	100690100	0,355	1	1	OT314	13	0	12
	Double cylinder pre-set for thumb turn installation	30/30	59	29,5	29,5	11	100690100	0,280	1	1	OT312	07	0	12
		30/35	64	29,5	34,5	11	100690100	0,290	1	1	OT312	26	0	12
		35/30	64	34,5	29,5	11	100690100	0,290	1	1	OT312	81	0	12
		30/40	69	29,5	39,5	11	100690100	0,300	1	1	OT312	82	0	12
		35/35	69	34,5	34,5	11	100690100	0,300	1	1	OT312	13	0	12
		40/30	69	39,5	29,5	11	100690100	0,300	1	1	OT312	12	0	12
		30/45	74	29,5	44,5	11	100690100	0,310	1	1	OT312	27	0	12
		35/40	74	34,5	39,5	11	100690100	0,310	1	1	OT312	28	0	12
		40/35	74	39,5	34,5	11	100690100	0,310	1	1	OT312	83	0	12
		45/30	74	44,5	29,5	11	100690100	0,310	1	1	OT312	91	0	12
		30/50	79	29,5	49,5	11	100690100	0,320	1	1	OT312	17	0	12
		35/45	79	34,5	44,5	11	100690100	0,320	1	1	OT312	19	0	12
		40/40	79	39,5	39,5	11	100690100	0,320	1	1	OT312	18	0	12
		40/45	84	39,5	44,5	11	100690100	0,330	1	1	OT312	30	0	12
		30/60	89	29,5	59,5	11	100690100	0,340	1	1	OT312	20	0	12
		40/50	89	39,5	49,5	11	100690100	0,340	1	1	OT312	21	0	12
		45/45	89	44,5	44,5	11	100690100	0,340	1	1	OT312	29	0	12
45/50	94	44,5	49,5	11	100690100	0,350	1	1	OT312	39	0	12		
	Modular double cylinder pre-set for thumb turn installation	40/60	99	39,5	59,5	11	100690100	0,360	1	1	OT312	25	0	12
		50/50	99	49,5	49,5	11	100690100	0,360	1	1	OT312	23	0	12
	Double cylinder pre-set for thumb turn installation, with adjustable shaft	30/30	59	29,5	29,5	11	100690100	0,324	1	1	OT317	07	0	12
		35/30	64	34,5	29,5	11	100690100	0,334	1	1	OT317	81	0	12
		40/30	69	39,5	29,5	11	100690100	0,344	1	1	OT317	12	0	12
		45/30	74	44,5	29,5	11	100690100	0,354	1	1	OT317	91	0	12
		50/30	79	49,5	29,5	11	100690100	0,364	1	1	OT317	90	0	12
		55/30	84	54,5	29,5	11	100690100	0,374	1	1	OT317	92	0	12
		60/30	89	59,5	29,5	11	100690100	0,384	1	1	OT317	87	0	12
		65/30	94	64,5	29,5	11	100690100	0,394	1	1	OT317	A3	0	12
		70/30	99	69,5	29,5	11	100690100	0,404	1	1	OT317	88	0	12
		75/30	104	74,5	29,5	11	100690100	0,414	1	1	OT317	56	0	12
	Modular double cylinder pre-set for thumb turn installation, with adjustable shaft	80/30	109	79,5	29,5	11	100690100	0,424	1	1	OT317	93	0	12
		85/30	114	84,5	29,5	11	100690100	0,434	1	1	OT317	D1	0	12
		90/30	119	89,5	29,5	11	100690100	0,444	1	1	OT317	C6	0	12

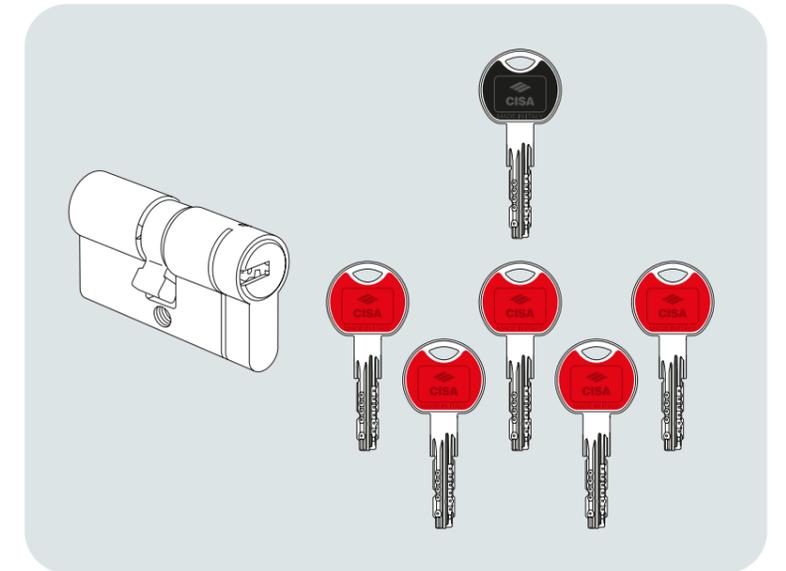
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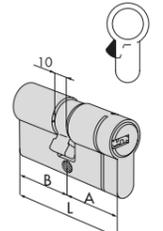
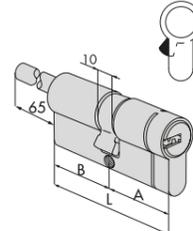


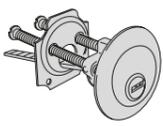
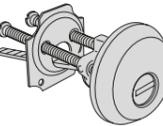
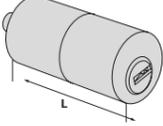
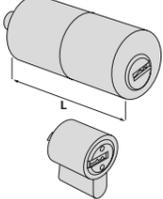
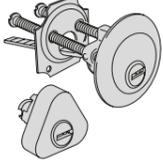
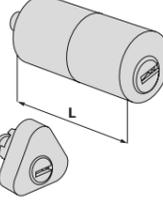
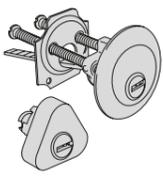
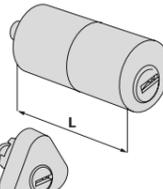
## CISA TEKNO iNOVATE

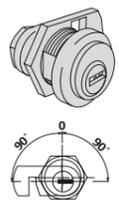
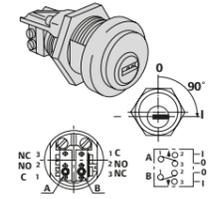
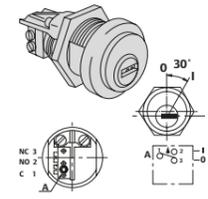
### SD VERSION

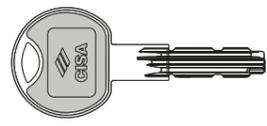
- In configuration with construction key + 5 keys
- Brass keys
- One-piece cylinders
- Italian profile
- Competitive price



TYPE	DESCRIPTION	COMM. DIM.	L	A	B	PINS	KEY ITEM	kg	NO. PCS	ITEM					
										UNIT WEIGHT	NO. PCS	TYPE	DIM.	HAND	FIN.
	Double cylinder with clutch system	30/30	59	29,5	29,5	11	100690100	0,295	1	1	OT3C1	07	0	12	SD
		30/35	64	29,5	34,5	11	100690100	0,298	1	1	OT3C1	26	0	12	SD
		35/35	69	34,5	34,5	11	100690100	0,332	1	1	OT3C1	13	0	12	SD
		40/30	69	39,5	29,5	11	100690100	0,332	1	1	OT3C1	12	0	12	SD
		30/45	74	29,5	44,5	11	100690100	0,334	1	1	OT3C1	27	0	12	SD
		30/50	79	29,5	49,5	11	100690100	0,350	1	1	OT3C1	17	0	12	SD
		35/45	79	34,5	44,5	11	100690100	0,350	1	1	OT3C1	19	0	12	SD
		40/40	79	39,5	39,5	11	100690100	0,350	1	1	OT3C1	18	0	12	SD
		35/50	84	34,5	49,5	11	100690100	0,364	1	1	OT3C1	31	0	12	SD
		30/60	89	29,5	59,5	11	100690100	0,380	1	1	OT3C1	20	0	12	SD
	Double cylinder pre-set for thumb turn installation, with adjustable shaft	40/50	89	39,5	49,5	11	100690100	0,380	1	1	OT3C1	21	0	12	SD
		30/30	59	29,5	29,5	11	100690100	0,344	1	1	OT3C7	07	0	12	SD
		35/30	64	34,5	29,5	11	100690100	0,354	1	1	OT3C7	81	0	12	SD
		40/30	69	39,5	29,5	11	100690100	0,364	1	1	OT3C7	12	0	12	SD
		45/30	74	44,5	29,5	11	100690100	0,374	1	1	OT3C7	91	0	12	SD
		50/30	79	49,5	29,5	11	100690100	0,384	1	1	OT3C7	90	0	12	SD
		55/30	84	54,5	29,5	11	100690100	0,394	1	1	OT3C7	92	0	12	SD
60/30	89	59,5	29,5	11	100690100	0,404	1	1	OT3C7	87	0	12	SD		

TYPE	DESCRIPTION	FOR LOCK SERIES	L	PINS	KEY ITEM	kg		ITEM				
						UNIT WEIGHT	NO. PCS	TYPE	DIM.	HAND	FIN.	
	▪ Cylinder	1A610, 11610, 50110, 50130, 50180		11	100690100	0,224	1	1	0T510	00	0	12
	▪ Cylinder with nickel-plated anti-pulling and drill resistant protective rose			11	100690100	0,345	1	1	0T510	10	0	12
	▪ Tubular cylinder	1A611, 11611, 50111, 50131, 50181, 50481	55.0	11	100690100	0,180	1	1	0T210	55	0	12
	▪ Pair of cylinders with external tubular cylinder	1A631, 1A721, 1A731	55.0	11	100690100	0,287	1	1	0T150	00	0	12
	▪ Pair of cylinders	50120, 50125, 50160, 50170		11	100690100	0,287	1	1	0T112	00	0	12
	▪ Pair of cylinders with external tubular cylinder	11630		11	100690100	0,287	1	1	0T114	00	0	12
	▪ Pair of cylinders with external tubular cylinder	50121, 50126, 50141, 50161, 50171, 50421, 50471, 50521, 50571	55.0	11	100690100	0,287	1	1	0T116	00	0	12
	▪ Pair of cylinders with external tubular cylinder	11551, 11631, 11731, 11736, 11931, 11936		11	100690100	0,287	1	1	0T120	00	0	12
	▪ Pair of cylinders with external tubular cylinder	11660, 11670		11	100690100	0,287	1	1	0T156	00	0	12
	▪ Pair of cylinders with external tubular cylinder	11721, 11921	55.0	11	100690100	0,287	1	1	0T149	00	0	12
	▪ Pair of cylinders with external tubular cylinder	11671, 11761, 11771	55.0	11	100690100	0,287	1	1	0T155	00	0	12

TYPE	DESCRIPTION	DOOR THICK.	PINS	KEY ITEM	kg		ITEM				
					UNIT WEIGHT	NO. PCS	TYPE	DIM.	HAND	FIN.	
	▪ Steel padlock plug ▪ 2 keys ▪ Pickled brass body ▪ Complete with plate item 1.07573.08.0		11	100690100	0,126	1	1	0T610	00	0	00
	▪ Cylinder for outside access device item 1.07078.28.0		11	100690100	0,137	1	1	0T610	10	0	12
	▪ Key extraction in position (0) ▪ Ring item 1.06021.10.0 ▪ Deadbolt item 1.06414.20.0 or 1.06414.30.0 to be ordered separately	17	11	100690100	0,170	1	1	0T410	00	0	12
	▪ Microswitch (7 A, 250 V) with welding terminals ▪ Automatic return to key extraction position (0) ▪ Ring item 1.06021.10.0	17	11	100690100	0,170	1	1	0T415	01	0	12
	▪ Microswitch (7 A, 250 V) with welding terminals ▪ Automatic return to key extraction position (0) ▪ Ring item 1.06021.10.0	17	11	100690100	0,170	1	1	0T415	03	0	12

TYPE	DESCRIPTION	PINS	kg		ITEM			
			UNIT WEIGHT	NO. PCS	TYPE	DIM.	HAND	FIN.
	▪ TEKNO iNOVATE key blank in nickel silver alloy	11	0,020	50	1	00690	10	0

**TECHNICAL FEATURES**

**CYLINDER**

- 11-pin key biting system (7 active, 4 passive)
- Reverse-compatibility system: the new key works with previous cylinder versions (not vice versa)
- Dual side control steel pin
- Brass body
- Brass plug
- Clutch-type cam in self-lubricating sintered steel (DIN)
- Hardened steel pins
- Hardened steel drivers with variable geometry
- Phosphor bronze and steel springs
- 100,000 cycles (EN1303:2015 Grade 6 durability)

**KEY**

- Flat, reversible design
- Nickel-silver alloy for all profiles, nickel-plated brass for "SD" versions
- Ergonomic, stylish key bow
- Plastic cover with visible lateral metal edges
- Customisable insert available in seven colours; compatible with previous versions
- Key blade 16 mm, compatible with protective roses
- External diameter 31 mm
- Thickness 2.9 mm
- Unique numerical code on key bow

**SUPPLIED AS STANDARD**

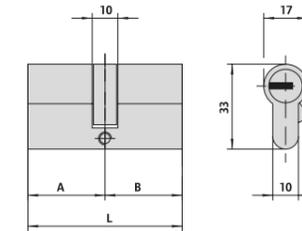
- 3 keys
- Security Card
- Fixing screw

**FINISHES**

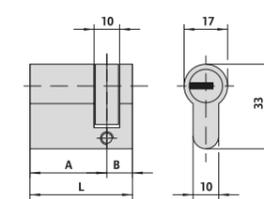
- Standard: nickel-plated brass (fin.12)
- On request: polished brass (fin.66)



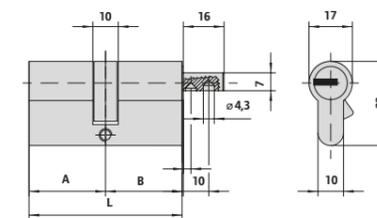
**DIMENSIONAL DRAWINGS**



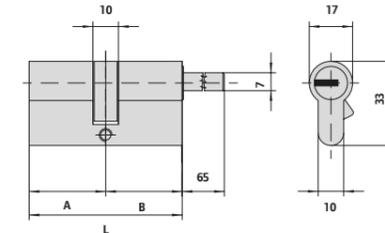
**OT311**



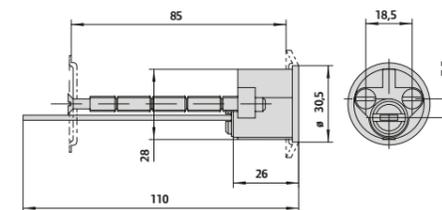
**OT314**



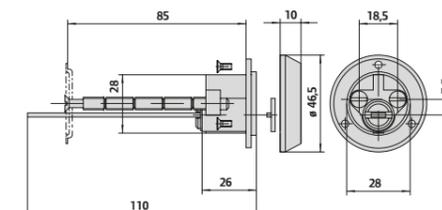
**OT312**



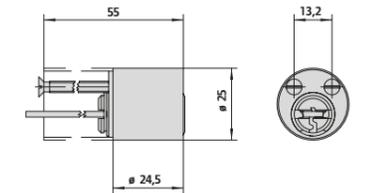
**OT317**



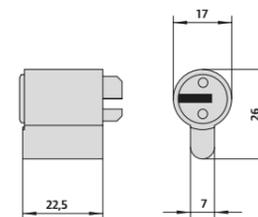
**OT510**



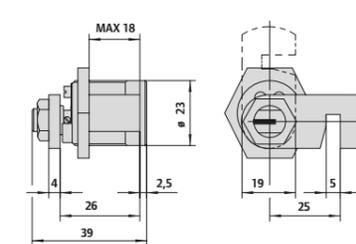
**1.OT510.10.0**



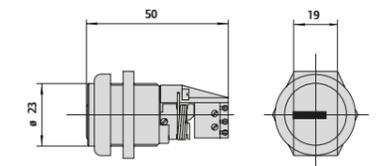
**OT210**



**OT610**



**OT410**



**OT415**

## About Allegion

At Allegion (NYSE: ALLE), we design and manufacture innovative security and access solutions that help keep people safe where they live, learn, work and connect. We're pioneering safety with our strong legacy of brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Our comprehensive portfolio of hardware, software and electronic solutions is sold around the world and spans residential and commercial locks, door closer and exit devices, steel doors and frames, access control and workforce productivity systems.

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