



Cylinders

RS5
RADIAL SYSTEM

The future of security



Patented System
Digital Duplication
Made in Italy

RS5

RADIAL SYSTEM



5 Radial System

The digital evolution of security

CISA is launching its new RS5 cylinder with latest-generation radial technology and digital key duplication which is always close at hand, giving you all the protection you need.

PATENTED SECURITY

The **patented cylinder with five rows of radial carbonitrided steel pins** resists decoders such as the **Topolino type** is the result of CISA's thirty years experience in cylinders development.

CERTIFIED PROTECTION AGAINST FORCED ENTRY

The cylinder has been awarded **SKG*** certification**, guaranteeing the **highest possible resistance** to forced entry, and is certified in compliance with EN 1303.

MORE RESISTANT MODULAR SYSTEM

The **new rotor fitted inside the cylinder** is clearly **visible from the outside**, so acts as a **deterrent and increases anti-snap and anti-tear protection by 60%**.

DIGITAL KEY DUPLICATION

Each key comes with its own **digital identity and every duplication is recorded and saved in the cloud**. Activating an associated account ensures **complete protection against unauthorised duplication**.

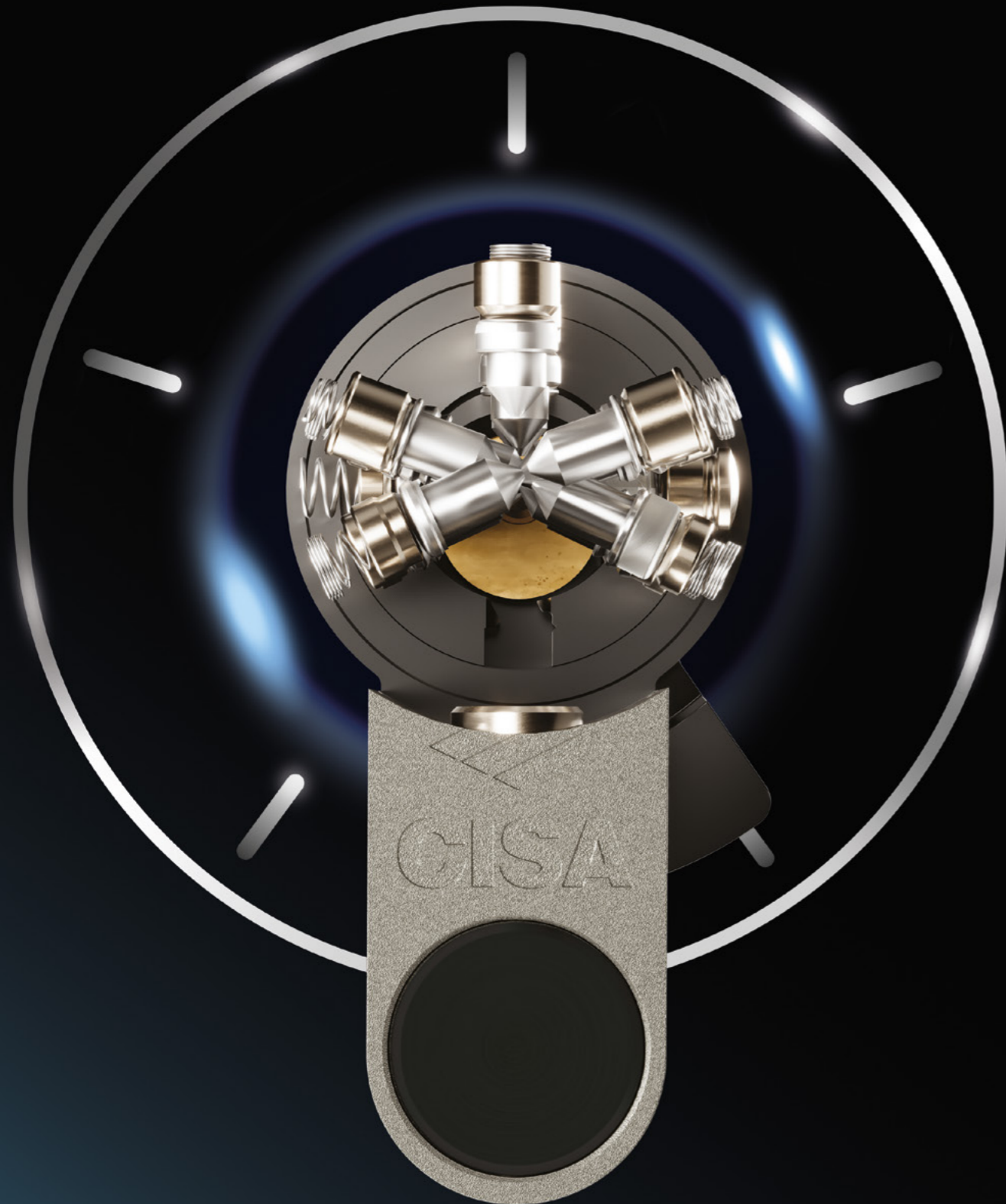
ANTI-COUNTERFEIT DESIGN

The key sets a **new standard for aesthetics and security**, as it is **protected by two patents** which are valid until 2040 and **key duplication is only possible at CISA**.



RS5

RADIAL SYSTEM



Latest-generation radial technology

The new CISA RS5 cylinder is a jewel of innovation, with a new and exclusive design and the most advanced Made in Italy patented technology CISA has ever developed to protect against forced entry.



Maximum resistance to attacks with the 5-row radial pin encoding system, **capable of withstanding decoders such as the Topolino type**, and offering up to 8 billion different key combinations.



+ 60% resistance to pulling, + 700 kg load resistance to tearing due to the new patented modular system (patent PCT/IT2020/000043) and the rotor assembly fitted inside.



Patented resistance to "bumping" or percussion, thanks to the special driver assembly (patent PCT/IT2020/000046).



Patented resistance to picking, thanks to the mobile pin assembly (patent EP1582662A1).



High drill resistance, due to the 16 pins, drivers and inserts in carbonitrided steel.



Cylinder clutch system, so the door can be opened from the outside even if the key is in the door inside.



Excellent access management potential of complex master key systems (up to 85 million cylinders with one master key).



EN1303:15	Key Related Security: 6	Attack Resistance: D	Durability: 6
	1 2 3 4 5 6	0 A B C D	4 5 6



Art and innovation for the future of security

The exclusive new key combines maximum mechanical security with complete digital protection against unauthorised duplication.

ICONIC DESIGN

Designed in conjunction with the Laboratory of Ergonomics and Design at the University of Florence, **the key is a blend of Italian creativity and technological innovation, a combination which is CISA's trademark.**



Registered shape trademark against unauthorised key reproduction.



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MECHANICAL SECURITY



Mechanical patent PCT/IT2020/000031 which expires in 2040 **to ensure maximum protection for key duplication.**



Mechanical patent for the mobile element PCT/IT2020/000042 **which protects the key against cloning using a 3D printer.**



30 years of security experience: **retrofitting and protection against key duplication for all RS3 and RS3 S cylinders manufactured from 1993 onwards.**



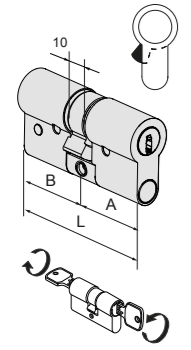
DIGITAL PROTECTION

SECURICARD, which comes with every RS5 cylinder, helps keep your key safe. Requests for **duplications can only be made at authorised CISA centres nationwide upon presentation of your SECURICARD or by submitting a request from your account.**

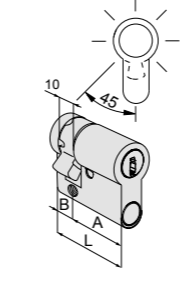
SECURiCARD allows you to:

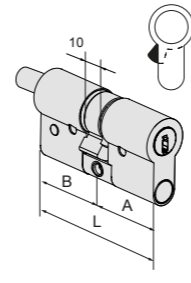
- check the duplications log
- receive notification by email or SMS (optional) of all duplications
- activate an OTP code to add an extra layer of security to key duplication
- complete a digital duplication request (ticket).

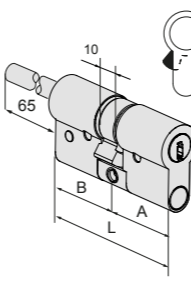
To access these new services, just scan the QR code on the card and register, providing the information requested.

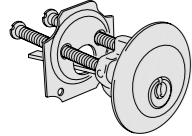
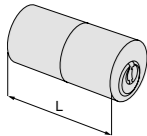
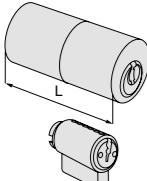
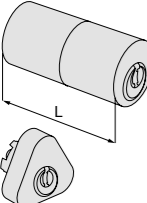
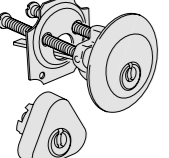
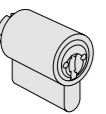
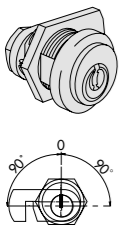
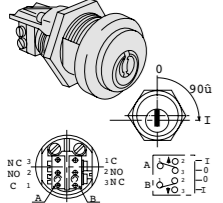
TYPE	DESCRIPTION	COMM. DIM.	L	A	B	PINS	KEY ITEM.	kg		ITEM			
								UNIT	PIECES	Type	Dim.	Hand	Fin.
 <ul style="list-style-type: none"> Double cylinder with clutch system 	30/30	59	29.5	29.5	18	100820000	0.235	1	1	OR3M1	07	0	12
	30/35	64	29.5	34.5	18	100820000	0.243	1	1	OR3M1	26	0	12
	35/35	69	34.5	34.5	18	100820000	0.272	1	1	OR3M1	13	0	12
	40/30	69	39.5	29.5	18	100820000	0.272	1	1	OR3M1	12	0	12
	40/45	74	29.5	44.5	18	100820000	0.274	1	1	OR3M1	27	0	12
	35/40	74	34.5	39.5	18	100820000	0.274	1	1	OR3M1	28	0	12
	30/50	79	29.5	49.5	18	100820000	0.301	1	1	OR3M1	17	0	12
	35/45	79	34.5	44.5	18	100820000	0.289	1	1	OR3M1	19	0	12
	40/40	79	39.5	39.5	18	100820000	0.289	1	1	OR3M1	18	0	12
	30/55	84	29.5	54.5	18	100820000	0.304	1	1	OR3M1	33	0	12
	35/50	84	34.5	49.5	18	100820000	0.360	1	1	OR3M1	31	0	12
	40/45	84	39.5	44.5	18	100820000	0.360	1	1	OR3M1	30	0	12
	30/60	89	29.5	59.5	18	100820000	0.308	1	1	OR3M1	20	0	12
	35/55	89	34.5	54.5	18	100820000	0.320	1	1	OR3M1	32	0	12
	40/50	89	39.5	49.5	18	100820000	0.332	1	1	OR3M1	21	0	12
	45/45	89	44.5	44.5	18	100820000	0.320	1	1	OR3M1	29	0	12
	30/65	94	29.5	64.5	18	100820000	0.333	1	1	OR3M1	41	0	12
	35/60	94	34.5	59.5	18	100820000	0.334	1	1	OR3M1	38	0	12
	40/55	94	39.5	54.5	18	100820000	0.390	1	1	OR3M1	42	0	12
	45/50	94	44.5	49.5	18	100820000	0.355	1	1	OR3M1	39	0	12
	30/70	99	29.5	69.5	18	100820000	0.334	1	1	OR3M1	24	0	12
	35/65	99	34.5	64.5	18	100820000	0.349	1	1	OR3M1	22	0	12
	40/60	99	39.5	59.5	18	100820000	0.349	1	1	OR3M1	25	0	12
	45/55	99	44.5	54.5	18	100820000	0.349	1	1	OR3M1	43	0	12
	50/50	99	49.5	49.5	18	100820000	0.349	1	1	OR3M1	23	0	12
	40/65	104	39.5	64.5	18	100820000	0.349	1	1	OR3M1	44	0	12
	45/60	104	44.5	59.5	18	100820000	0.378	1	1	OR3M1	54	0	12
	30/75	104	29.5	74.5	18	100820000	0.400	1	1	OR3M1	56	0	12
	35/70	104	34.5	69.5	18	100820000	0.402	1	1	OR3M1	49	0	12
	55/50	104	54.5	49.5	18	100820000	0.378	1	1	OR3M1	64	0	12
35/75	109	34.5	74.5	18	100820000	0.378	1	1	OR3M1	57	0	12	
30/80	109	29.5	79.5	18	100820000	0.420	1	1	OR3M1	37	0	12	
45/65	109	44.5	64.5	18	100820000	0.378	1	1	OR3M1	45	0	12	
40/70	109	39.5	69.5	18	100820000	0.410	1	1	OR3M1	35	0	12	
50/60	109	49.5	59.5	18	100820000	0.410	1	1	OR3M1	36	0	12	
55/55	109	54.5	54.5	18	100820000	0.410	1	1	OR3M1	70	0	12	
30/85	114	29.5	84.5	18	100820000	0.420	1	1	OR3M1	77	0	12	
50/65	114	49.5	64.5	18	100820000	0.420	1	1	OR3M1	65	0	12	
55/60	114	54.5	59.5	18	100820000	0.420	1	1	OR3M1	71	0	12	
40/75	114	39.5	74.5	18	100820000	0.420	1	1	OR3M1	59	0	12	
45/70	114	44.5	69.5	18	100820000	0.420	1	1	OR3M1	61	0	12	
30/90	119	29.5	89.5	18	100820000	0.450	1	1	OR3M1	52	0	12	
40/80	119	39.5	79.5	18	100820000	0.450	1	1	OR3M1	60	0	12	
60/60	119	59.5	59.5	18	100820000	0.450	1	1	OR3M1	40	0	12	
50/70	119	49.5	69.5	18	100820000	0.450	1	1	OR3M1	66	0	12	
50/80	129	49.5	79.5	18	100820000	0.450	1	1	OR3M1	55	0	12	
30/100	129	29.5	99.5	18	100820000	0.460	1	1	OR3M1	53	0	12	

With RS5 modular technology, any size cylinder can be produced between 30-30 and 100-100 with 5 mm increments on each side

TYPE	DESCRIPTION	COMM. DIM.	L	A	B	PINS	KEY ITEM.	kg		ITEM			
								UNIT	PIECES	Type	Dim.	Hand	Fin.
 <ul style="list-style-type: none"> Single cylinder with 8-position adjustable cam 	30/10	39.5	29.5	10	18	100820000	0.185	1	1	OR3M4	02	0	12
	35/10	44.5	34.5	10	18	100820000	0.185	1	1	OR3M4	07	0	12
	40/10	49.5	39.5	10	18	100820000	0.195	1	1	OR3M4	03	0	12
	45/10	54.5	44.5	10	18	100820000	0.195	1	1	OR3M4	08	0	12
	50/10	59.5	49.5	10	18	100820000	0.215	1	1	OR3M4	04	0	12
	55/10	64.5	54.5	10	18	100820000	0.215	1	1	OR3M4	35	0	12
	60/10	69.5	59.5	10	18	100820000	0.225	1	1	OR3M4	05	0	12
	65/10	74.5	64.5	10	18	100820000	0.245	1	1	OR3M4	21	0	12
	70/10	79.5	69.5	10	18	100820000	0.245	1	1	OR3M4	06	0	12
	80/10	89.5	79.5	10	18	100820000	0.275	1	1	OR3M4	20	0	12

TYPE	DESCRIPTION	COMM. DIM.	L	A	B	PINS	KEY ITEM.	kg		ITEM			
								UNIT	PIECES	Type	Dim.	Hand	Fin.
 <ul style="list-style-type: none"> Double cylinder pre-set for thumb turn installation On request: Thumb turns items 06353, 06355, 06356, 06357 	30/30	59	29.5	29.5	18	100820000	0.244	1	1	OR3M2	07	0	12
	30/35	64	29.5	34.5	18	100820000	0.264	1	1	OR3M2	26	0	12
	35/30	64	34.5	29.5	18	100820000	0.259	1	1	OR3M2	81	0	12
	30/40	69	29.5	39.5	18	100820000	0.267	1	1	OR3M2	82	0	12
	35/35	69	34.5	34.5	18	100820000	0.279	1	1	OR3M2	13	0	12
	40/30	69	39.5	29.5	18	100820000	0.279	1	1	OR3M2	12	0	12
	30/45	74	29.5	44.5	18	100820000	0.294	1	1	OR3M2	27	0	12
	35/40	74	34.5	39.5	18	100820000	0.279	1	1	OR3M2	28	0	12
	40/35	74	39.5	34.5	18	100820000	0.294	1	1	OR3M2	83	0	12
	45/30	74	44.5	29.5	18	100820000	0.294	1	1	OR3M2	91	0	12
	30/50	79	29.5	49.5	18	100820000	0.294	1	1	OR3M2	17	0	12
	35/45	79	34.5	44.5	18	100820000	0.318	1	1	OR3M2	19	0	12
	40/40	79	39.5	39.5	18	100820000	0.309	1	1	OR3M2	18	0	12
	40/45	84	39.5	44.5	18	100820000	0.309	1	1	OR3M2	30	0	12
	30/60	89	29.5	59.5	18	100820000	0.309	1	1	OR3M2	20	0	12
	40/50	89	39.5	49.5	18	100820000	0.324	1	1	OR3M2	21	0	12
	45/45	89	44.5	44.5	18	100820000	0.324	1	1	OR3M2	29	0	12
	45/50	94	44.5	49.5	18	100820000	0.324	1	1	OR3M2	39	0	12
	40/60	99	39.5	59.5	18	100820000	0.326	1	1	OR3M2	25	0	12
	50/50	99	49.5	49.5	18	100820000	0.353	1	1	OR3M2	23	0	12

TYPE	DESCRIPTION	COMM. DIM.	L	A	B	PINS	KEY ITEM.	kg		ITEM			
								UNIT	PIECES	Type	Dim.	Hand	Fin.
 <ul style="list-style-type: none"> Double cylinder pre-set for thumb turn installation, with adjustable shaft For use with inside escutcheon item 1.06458.20 On request: Thumb turns items 06353, 06355, 06356, 06357 	30/30	59	29.5	29.5	18	100820000V	0.284	1	1	OR3M7	07	0	12
	35/30	64	34.5	29.5	18	100820000	0.294	1	1	OR3M7	81	0	12
	40/30	69	39.5	29.5	18	100820000	0.312	1	1	OR3M7	12	0	12
	45/30	74	44.5	29.5	18	100820000	0.320	1	1	OR3M7	91	0	12
	50/30	79	49.5	29.5	18	100820000	0.329	1	1	OR3M7	90	0	12
	55/30	84	54.5	29.5	18	100820000	0.345	1	1	OR3M7	92	0	12
	60/30	89	59.5	29.5	18	100820000	0.359	1	1	OR3M7	87	0	12
	65/30	94	64.5	29.5	18	100820000	0.359	1	1	OR3M7	A3	0	12
	70/30	99	69.5	29.5	18	100820000	0.370	1	1	OR3M7	88	0	12
	80/30	109	79.5	29.5	18	100820000	0.359	1	1	OR3M7	93	0	12
90/30	119	89.5	29.5	18	100820000	0.392	1	1	OR3M7	C6	0	12	
100/30	129	99.5	29.5	18	100820000	0.398	1	1	OR3M7	C7	0	12	

TYPE	DESCRIPTION	FOR LOCK SERIES	L	PINS	KEY ITEM	kg		ITEM				
						UNIT	PIECES	Type	Dim.	Hand	Fin.	
	<ul style="list-style-type: none"> Cylinder 	1A610, 11610, 11615, 50110, 50130, 50180, 50330		18	100820000	0.204	1	1	OR510	00	0	12
	<ul style="list-style-type: none"> Tubular cylinder 	1A611, 11611, 50111, 50131, 50181, 50481	55	18	100820000	0.215	1	1	OR210	55	0	12
	<ul style="list-style-type: none"> Cylinder set with external tubular cylinder 	1A631, 1A721, 1A731	55	18	100820000	0.295	1	1	OR150	00	0	12
	<ul style="list-style-type: none"> Cylinder set with external tubular cylinder 	50121, 50161, 50171, 50421, 50461, 50471, 50521, 50561, 50571	55	18	100820000	0.295	1	1	OR116	00	0	12
		11631, 11731, 11931	55	18	100820000	0.295	1	1	OR120	00	0	12
		11721, 11921	55	18	100820000	0.295	1	1	OR149	00	0	12
	<ul style="list-style-type: none"> Pair of cylinders 	11670		18	100820000	0.295	1	1	OR156	00	0	12
	<ul style="list-style-type: none"> Steel padlock plug 2 keys Pickled brass body Complete with plate 		18	100820000	0.117	1	1	OR610	00	0		
	<ul style="list-style-type: none"> Key extraction in position (O) Ring Deadbolt item 1.06414.20.0 or 1.06414.30.0 to be ordered separately For doors with a max. thickness of 19 mm 		18	100820000	0.117	1	1	OR410	00	0	12	
	<ul style="list-style-type: none"> Microswitch (7 A, 250 V) with welding terminals Automatic return to key extraction position (O) Ring For doors with a max. thickness of 19 mm 		18	100820000	0.117	1	1	OR415	01	0	12	

TECHNICAL FEATURES

Cylinder:

- Key biting system with 16 active pins arranged radially on 5 rows and double side control pin
- Module body in brass with zinc alloy extension bolts
- Carbonitrided steel pins
- Brass rotor
- Carbonitrided drivers
- Blocking and protective carbonitrided steel inserts
- Stainless steel springs
- Clutch-type DIN cam in self-lubricating sintered steel

Key:

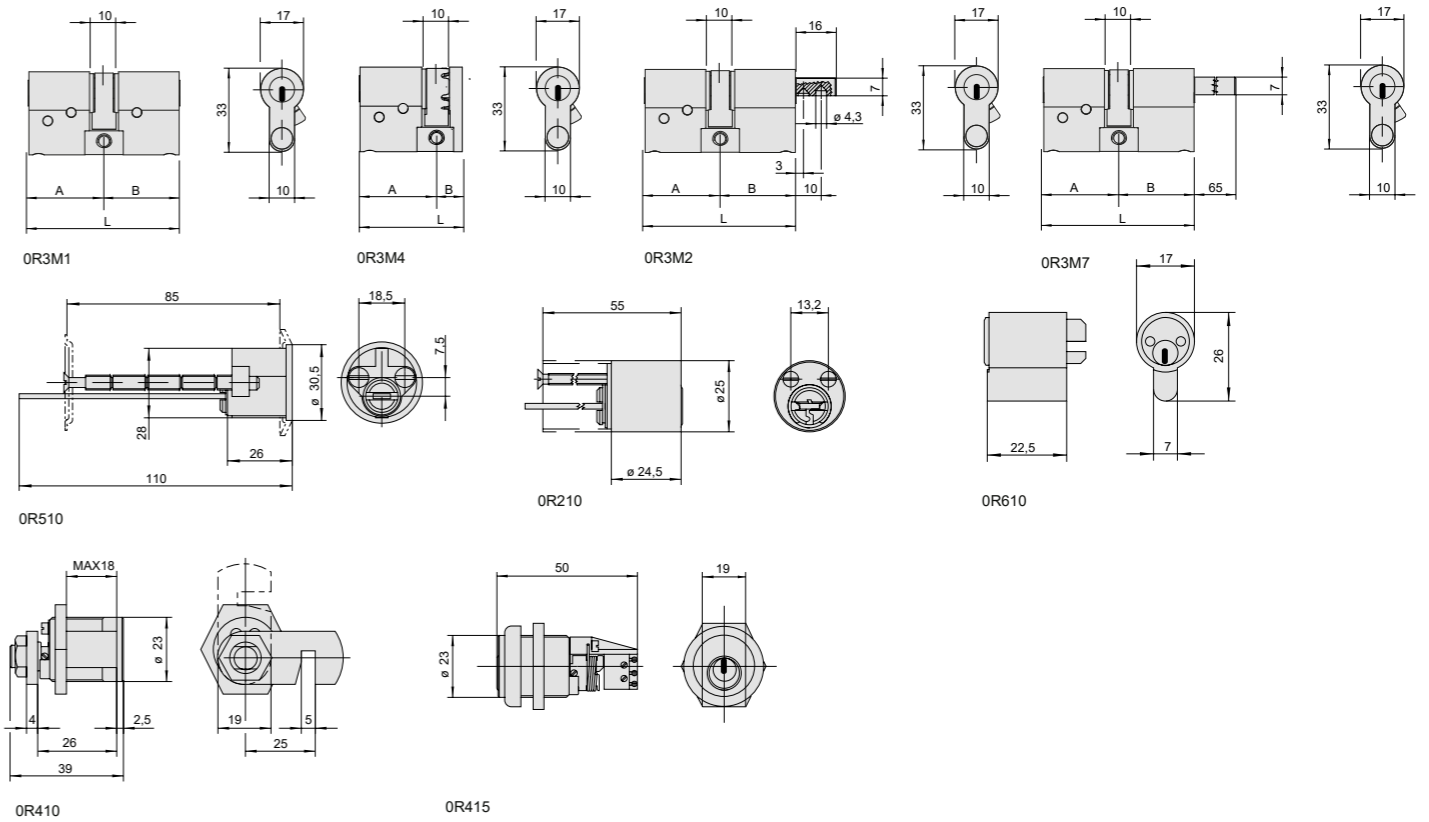
- Flat reversible
- With patented mobile element
- Material: nickel silver alloy
- Ergonomic plastic key bow with innovative design
- Key neck 16 mm long, compatible with protective roses
- Numerical code on key bow

Supplied as standard

- 3 keys
- SECURICARD
- Fixing screws

Finishes

- Supplied as standard: nickel-plated sanded brass (fin. 12).
- On request: polished brass (fin. 66), gunmetal grey (fin. 46).





About Allegion

Allegion (NYSE: ALLE) is a global pioneer in seamless access, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion secures people and assets with a range of solutions for homes, businesses, schools and institutions.



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