



Cylinders

**RS5**  
RADIAL SYSTEM

The future of security



Patented System  
Digital Duplication  
Made in Italy

# RS5

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** is the culmination for CISA of thirty years' experience developing maximum security cylinders.

### 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 attack resistance** thanks to the new biting system with 16 carbonitrided steel pins arranged radially on five rows and up to 8 billion combinations (different keys).



**+ 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.



UNIVERSITÀ DEGLI STUDI FIRENZE  
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DIPARTIMENTO DI ARCHITETTURA

## 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

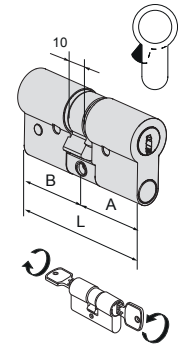
SECURICARD, which comes with every RS5 cylinder, helps keep your key safe. Requests for **duplications can only be made at authorised CISA centres nationwide upon presentation of your SECURICARD or by submitting a request from your account.**

**SECURiCARD allows you to:**

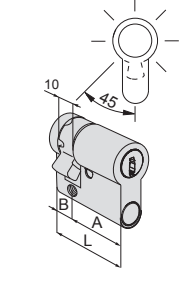
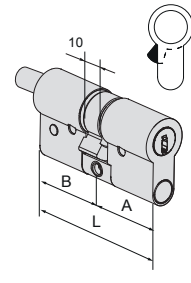
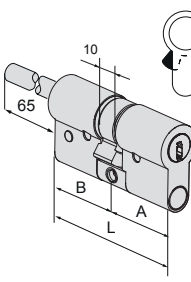
- check the duplications log
- receive notification by email or SMS (optional) of all duplications
- activate an OTP code to add an extra layer of security to key duplication
- complete a digital duplication request (ticket).

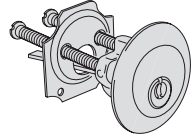
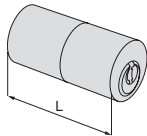
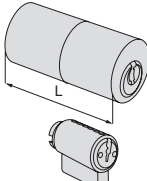
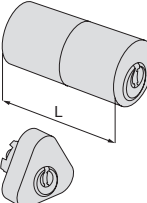
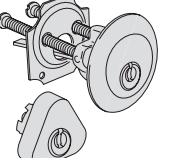
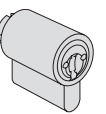
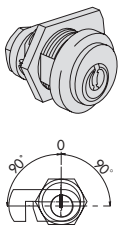
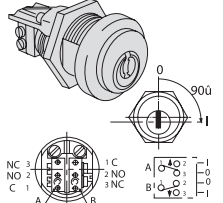
**To access these new services, just scan the QR code on the card and register, providing the information requested.**



TYPE	DESCRIPTION	COMM. DIM.	L	A	B	PINS	KEY ITEM.	kg		ITEM			
								UNIT	PIECES	Type	Dim.	Hand	Fin.
 <ul style="list-style-type: none"> <li>Double cylinder with clutch system</li> </ul>	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
	30/45	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"> <li>Single cylinder with 8-position adjustable cam</li> </ul>	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
	 <ul style="list-style-type: none"> <li>Double cylinder pre-set for thumb turn installation</li> <li>On request: Thumb turns items 06353, 06355, 06356, 06357</li> </ul>	30/30	59	29.5	29.5	18	100820000	0.244	1	1	OR3M2	07	0
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
 <ul style="list-style-type: none"> <li>Double cylinder pre-set for thumb turn installation, with adjustable shaft</li> <li>For use with inside escutcheon item 1.06458.20</li> <li>On request: Thumb turns items 06353, 06355, 06356, 06357</li> </ul>	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"> <li>Cylinder</li> </ul>	1A610, 11610, 11615, 50110, 50130, 50180, 50330		18	100820000	0.204	1	1	OR510	00	0	12
	<ul style="list-style-type: none"> <li>Tubular cylinder</li> </ul>	1A611, 11611, 50111, 50131, 50181, 50481	55	18	100820000	0.215	1	1	OR210	55	0	12
	<ul style="list-style-type: none"> <li>Cylinder set with external tubular cylinder</li> </ul>	1A631, 1A721, 1A731	55	18	100820000	0.295	1	1	OR150	00	0	12
	<ul style="list-style-type: none"> <li>Cylinder set with external tubular cylinder</li> </ul>	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"> <li>Pair of cylinders</li> </ul>	11670		18	100820000	0.295	1	1	OR156	00	0	12
	<ul style="list-style-type: none"> <li>Steel padlock plug</li> <li>2 keys</li> <li>Pickled brass body</li> <li>Complete with plate</li> </ul>		18	100820000	0.117	1	1	OR610	00	0		
	<ul style="list-style-type: none"> <li>Key extraction in position (0)</li> <li>Ring</li> <li>Deadbolt item 1.06414.20.0 or 1.06414.30.0 to be ordered separately</li> <li>For doors with a max. thickness of 19 mm</li> </ul>		18	100820000	0.117	1	1	OR410	00	0	12	
	<ul style="list-style-type: none"> <li>Microswitch (7 A, 250 V) with welding terminals</li> <li>Automatic return to key extraction position (0)</li> <li>Ring</li> <li>For doors with a max. thickness of 19 mm</li> </ul>		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:**

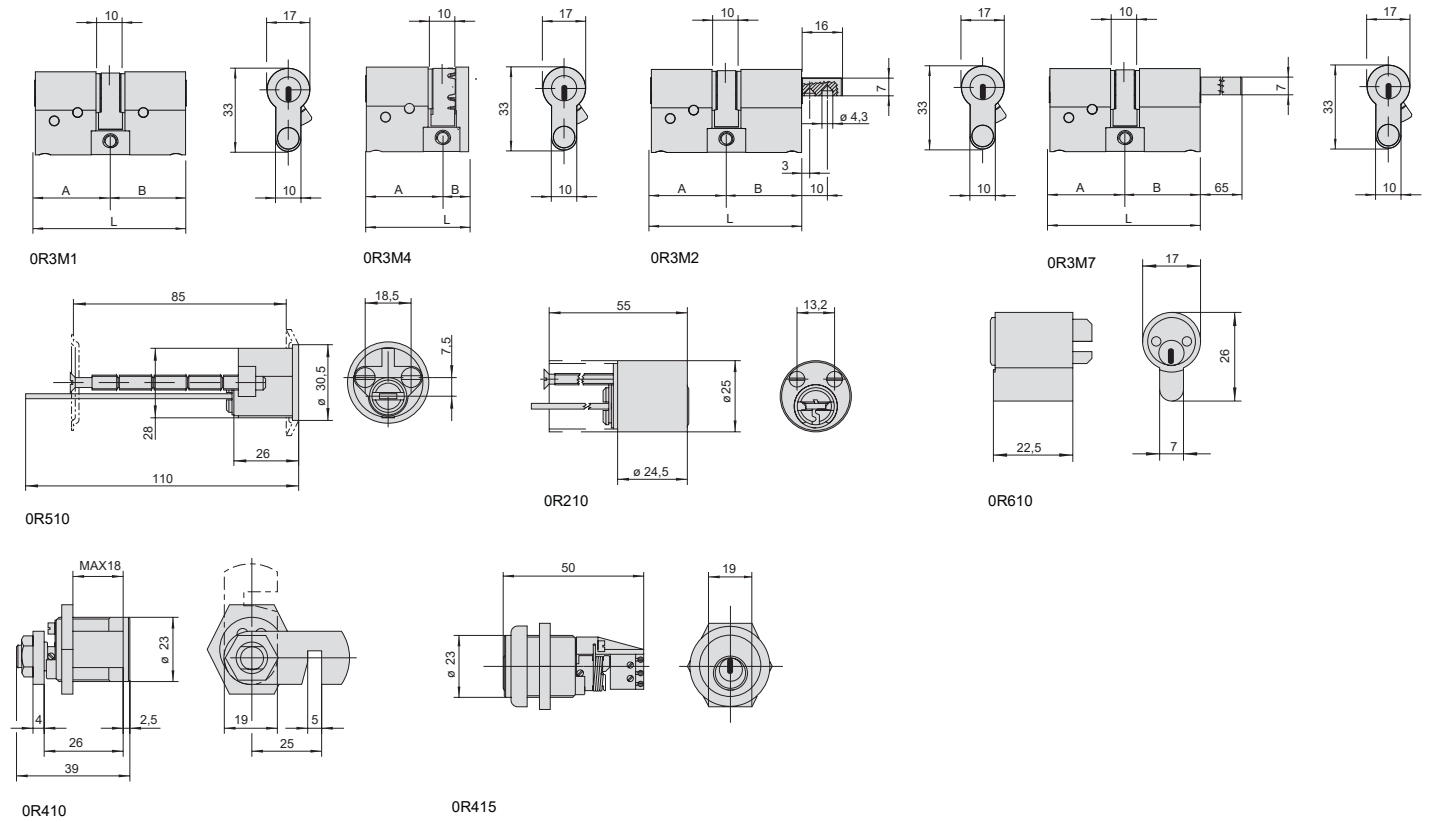
- Flat reversible
- With patented mobile element
- Material: nickel silver alloy
- Ergonomic plastic key bow with innovative design
- Key neck 16 mm long, compatible with protective roses
- Numerical code on key bow

**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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