



Astral Cylinders



Astral cylinders

CYLINDER SECURITY – Attack Resistance

- High anti-burglary (impression or wax techniques) resistance thanks to the special configuration of the springs.
- Drill resistance, with driver and pin in first position and hardened steel inserts on both sides of the cylinder.

KEY RELATED SECURITY

- Bitting system with 10 pins arranged on 2 rows.
- Over 1,600,000 possible combinations (different keys).

MASTER KEYING POTENTIAL

- The 10 pin key bitting system offers excellent access management possibilities. For example: 63,000 different cylinders for one master key.

DURABILITY

- Tested up to 100,000 cycles.

EN 1303:2005

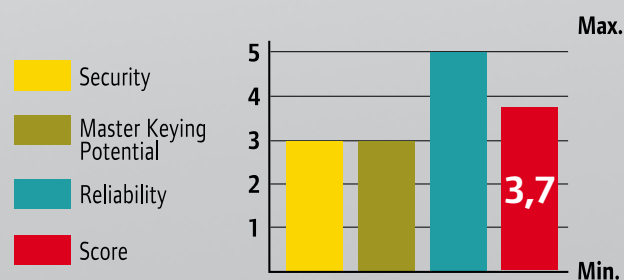
- Compliant with the European Standard EN 1303:2005.
 - Attack resistance: 0
 - Key Related Security: 6
 - Durability: 6

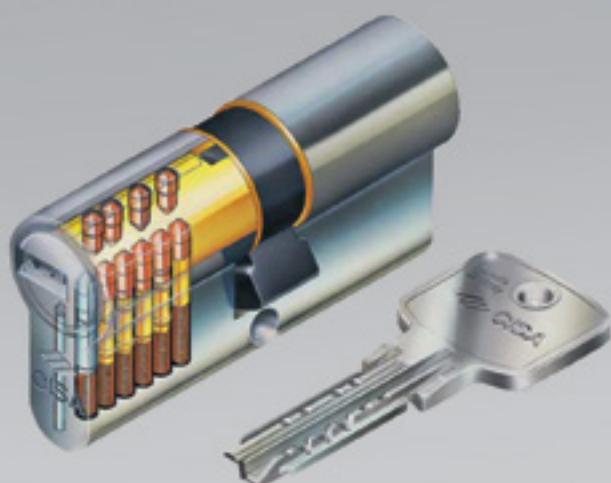
CERTIFICATIONS

- Ghost-Russia.

APPLICATIONS

- Astral can be used for medium-security armored doors, and is especially useful for access management in companies, shopping centers, universities and hospitals – thanks to its good master keying performances.





Technical features:

CYLINDER:

- Key biting system: 10 pins (6 active, 4 passive).
- Brass body.
- Brass plugs.
- Self-lubricated sintered steel DIN cam.
- Pins:
 - in wear resistant bronze
 - in hardened steel in first position.
- Drivers:
 - in brass
 - in hardened steel in first position.
- Phosphor bronze springs.

KEY:

- Flat, non-handed insertion.
- Material: nickel plated brass.
- Numbered key head.
- Thickness: 2.9 mm.
- Depth: 0.48 mm.

Finishes:

- Standard: ground brass (fin. 00).
- On request: nickel-plated brass (fin. 12), polished brass (fin. 66).

On request:

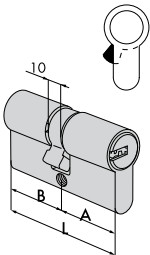
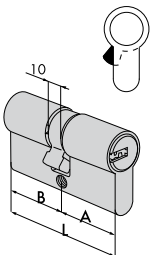
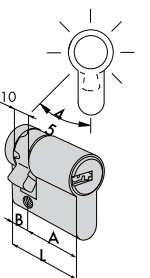
- KA, MK, GMK, GGMK, CE, CA, C5, CL, CP, PP (CL and CP long neck keys, compatible with protective roses, CP with plastic head insert and customizable key profile).
- BKP (bumping resistant) configuration.

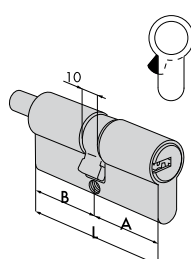
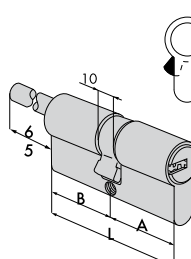
Supplied as standard:

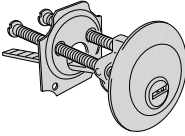
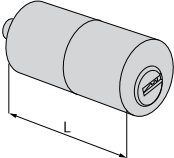
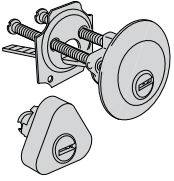
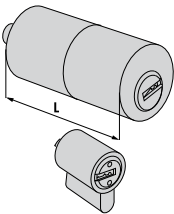
- Fixing screw.
- 3 keys item 1.00620010.
- CODE CARD: enables to obtain true copies of the original key by entering the indirect code printed on the card in an electric duplication machine.

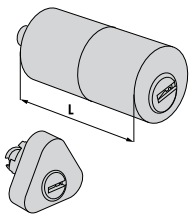
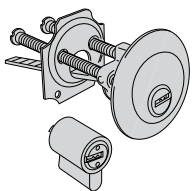
DISTINCTIVE ELEMENTS

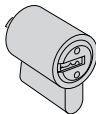
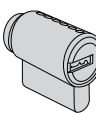
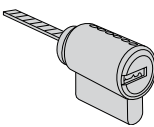
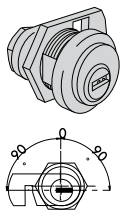
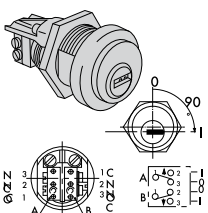
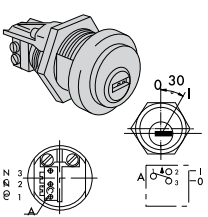
- Good master keying potential.

Type	Description	Comm. dim.	L	A	B	Pins	Key item	Kg Unit weight	Pcs Pieces	ITEM				
										Type	Dim.	Hand	Fin.	Spec.
	• Double cylinder	28/28	55,4	27,7	27,7	10	1 00620 01 0	0,232	12	1	0A310 05 0			
		30/30	59,0	29,5	29,5	10	1 00620 01 0	0,235	12	1	0A310 07 0			
		28/32	59,2	27,7	31,5	10	1 00620 01 0	0,230	12	1	0A310 08 0			
		28/34	61,2	27,7	33,5	10	1 00620 01 0	0,234	12	1	0A310 06 0			
		28/36	63,2	27,7	35,5	10	1 00620 01 0	0,240	12	1	0A310 09 0			
		30/35	64,0	29,5	34,5	10	1 00620 01 0	0,243	12	1	0A310 26 0			
		33/33	65,0	32,5	32,5	10	1 00620 01 0	0,258	12	1	0A310 10 0			
		35/35	69,0	34,5	34,5	10	1 00620 01 0	0,272	12	1	0A310 13 0			
		40/30	69,0	39,5	29,5	10	1 00620 01 0	0,272	12	1	0A310 12 0			
		28/43	70,2	27,7	42,5	10	1 00620 01 0	0,262	12	1	0A310 11 0			
		30/45	74,0	29,5	44,5	10	1 00620 01 0	0,274	12	1	0A310 27 0			
		35/40	74,0	34,5	39,5	10	1 00620 01 0	0,274	12	1	0A310 28 0			
		30/50	79,0	29,5	49,5	10	1 00620 01 0	0,301	12	1	0A310 17 0			
		35/45	79,0	34,5	44,5	10	1 00620 01 0	0,289	12	1	0A310 19 0			
		40/40	79,0	39,5	39,5	10	1 00620 01 0	0,289	12	1	0A310 18 0			
		30/55	84,0	29,5	54,5	10	1 00620 01 0	0,304	12	1	0A310 33 0			
		35/50	84,0	34,5	49,5	10	1 00620 01 0	0,360	12	1	0A310 31 0			
		40/45	84,0	39,5	44,5	10	1 00620 01 0	0,304	12	1	0A310 30 0			
		43/43	85,0	42,5	42,5	10	1 00620 01 0	0,308	12	1	0A310 46 0			
		30/60	89,0	29,5	59,5	10	1 00620 01 0	0,320	12	1	0A310 20 0			
		35/55	89,0	34,5	54,5	10	1 00620 01 0	0,332	12	1	0A310 32 0			
		40/50	89,0	39,5	49,5	10	1 00620 01 0	0,320	12	1	0A310 21 0			
		45/45	89,0	44,5	44,5	10	1 00620 01 0	0,333	12	1	0A310 29 0			
		30/65	94,0	29,5	64,5	10	1 00620 01 0	0,334	6	1	0A310 41 0			
		35/60	94,0	34,5	59,5	10	1 00620 01 0	0,390	6	1	0A310 38 0			
		40/55	94,0	39,5	54,5	10	1 00620 01 0	0,355	6	1	0A310 42 0			
		45/50	94,0	44,5	49,5	10	1 00620 01 0	0,334	6	1	0A310 39 0			
		30/70	99,0	29,5	69,5	10	1 00620 01 0	0,349	6	1	0A310 24 0			
		35/65	99,0	34,5	64,5	10	1 00620 01 0	0,349	6	1	0A310 22 0			
		40/60	99,0	39,5	59,5	10	1 00620 01 0	0,349	6	1	0A310 25 0			
		45/55	99,0	44,5	54,5	10	1 00620 01 0	0,349	6	1	0A310 43 0			
		50/50	99,0	49,5	49,5	10	1 00620 01 0	0,349	6	1	0A310 23 0			
		30/80	109,0	29,5	79,5	10	1 00620 01 0	0,378	6	1	0A310 37 0			
		40/70	109,0	39,5	69,5	10	1 00620 01 0	0,400	6	1	0A310 35 0			
		50/60	109,0	49,5	59,5	10	1 00620 01 0	0,402	6	1	0A310 36 0			
		55/55	109,0	54,5	54,5	10	1 00620 01 0	0,378	6	1	0A310 70 0			
		55/60	114,0	54,5	59,5	10	1 00620 01 0	0,420	6	1	0A310 71 0			
		60/60	119,0	59,5	59,5	10	1 00620 01 0	0,410	6	1	0A310 40 0			
	• Double cylinder with clutch system	30/30	59,0	29,5	29,5	10	1 00620 01 0	0,228	12	1	0A311 07 0			
		28/34	61,2	27,7	33,5	10	1 00620 01 0	0,235	12	1	0A311 06 0			
		28/36	63,2	27,7	35,5	10	1 00620 01 0	0,241	12	1	0A311 09 0			
		33/33	65,0	32,5	32,5	10	1 00620 01 0	0,245	12	1	0A311 10 0			
		35/35	69,0	34,5	34,5	10	1 00620 01 0	0,258	12	1	0A311 13 0			
		40/30	69,0	39,5	29,5	10	1 00620 01 0	0,258	12	1	0A311 12 0			
		28/43	70,2	27,7	42,5	10	1 00620 01 0	0,262	12	1	0A311 11 0			
		35/40	74,0	34,5	39,5	10	1 00620 01 0	0,262	12	1	0A311 28 0			
		30/50	79,0	29,5	49,5	10	1 00620 01 0	0,289	12	1	0A311 17 0			
		35/45	79,0	34,5	44,5	10	1 00620 01 0	0,289	12	1	0A311 19 0			
		40/40	79,0	39,5	39,5	10	1 00620 01 0	0,289	12	1	0A311 18 0			
		35/50	84,0	34,5	49,5	10	1 00620 01 0	0,315	12	1	0A311 31 0			
		40/45	84,0	39,5	44,5	10	1 00620 01 0	0,319	12	1	0A311 30 0			
		45/45	89,0	44,5	44,5	10	1 00620 01 0	0,319	12	1	0A311 29 0			
		40/50	89,0	39,5	49,5	10	1 00620 01 0	0,320	12	1	0A311 21 0			
		55/55	109,0	54,5	54,5	10	1 00620 01 0	0,378	12	1	0A311 70 0			
	• Single cylinder with 8 position adjustable cam	30/10	39,5	29,5	10,0	10	1 00620 01 0	0,186	12	1	0A314 02 0			
		35/10	44,5	34,5	10,0	10	1 00620 01 0	0,201	12	1	0A314 07 0			
		37/10	46,5	36,5	10,0	10	1 00620 01 0	0,190	12	1	0A314 10 0			
		40/10	49,5	39,5	10,0	10	1 00620 01 0	0,199	12	1	0A314 03 0			
		43/10	52,5	42,5	10,0	10	1 00620 01 0	0,208	12	1	0A314 11 0			
		45/10	54,5	44,5	10,0	10	1 00620 01 0	0,212	12	1	0A314 08 0			
		50/10	59,5	49,5	10,0	10	1 00620 01 0	0,227	12	1	0A314 04 0			
		60/10	69,5	59,5	10,0	10	1 00620 01 0	0,257	12	1	0A314 05 0			
		65/10	74,5	64,5	10,0	10	1 00620 01 0	0,272	12	1	0A314 21 0			
		70/10	79,5	69,5	10,0	10	1 00620 01 0	0,287	12	1	0A314 06 0			
		80/10	89,5	79,5	10,0	10	1 00620 01 0	0,317	12	1	0A314 20 0			
		95/10	103,5	93,5	10,0	10	1 00620 01 0	0,362	6	1	0A314 13 0			

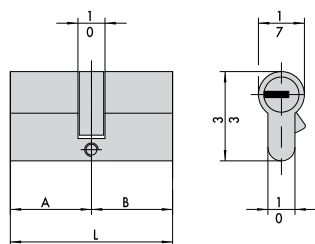
Type	Description	Comm. dim.	L	A	B	Pins	Key item	 Unit weight	 Pieces	ITEM					
										Type	Dim.	Hand	Fin.	Pers.	Spec.
	• Double cylinder pre-set for thumb turn installation • ON REQUEST: Thumb turn knobs - item 1.06353.00 - item 1.06354.00	30/30	59,0	29,5	29,5	10	1 00620 01 0	0,244	12	1	0A312 07 0				
		30/35	64,0	29,5	34,5	10	1 00620 01 0	0,264	12	1	0A312 26 0				
		35/30	64,0	34,5	29,5	10	1 00620 01 0	0,259	12	1	0A312 81 0				
		33/33	65,5	32,5	32,5	10	1 00620 01 0	0,267	12	1	0A312 10 0				
		30/40	69,0	29,5	39,5	10	1 00620 01 0	0,279	12	1	0A312 82 0				
		35/35	69,0	34,5	34,5	10	1 00620 01 0	0,279	12	1	0A312 13 0				
		40/30	69,0	39,5	29,5	10	1 00620 01 0	0,279	12	1	0A312 12 0				
		35/40	74,0	34,5	39,5	10	1 00620 01 0	0,294	12	1	0A312 28 0				
		40/35	74,0	39,5	34,5	10	1 00620 01 0	0,294	12	1	0A312 83 0				
		30/45	74,0	29,5	44,5	10	1 00620 01 0	0,350	12	1	0A312 27 0				
		30/50	79,0	29,5	49,5	10	1 00620 01 0	0,318	6	1	0A312 17 0				
		35/45	79,0	34,5	44,5	10	1 00620 01 0	0,309	6	1	0A312 19 0				
		40/40	79,0	39,5	39,5	10	1 00620 01 0	0,309	6	1	0A312 18 0				
		45/35	79,0	44,5	34,5	10	1 00620 01 0	0,309	6	1	0A312 85 0				
		40/45	84,0	39,5	44,5	10	1 00620 01 0	0,324	6	1	0A312 30 0				
		45/40	84,0	44,5	39,5	10	1 00620 01 0	0,324	6	1	0A312 84 0				
		50/35	84,0	49,5	34,5	10	1 00620 01 0	0,324	6	1	0A312 94 0				
		43/43	85,0	42,5	42,5	10	1 00620 01 0	0,326	6	1	0A312 46 0				
		30/60	89,0	29,5	59,5	10	1 00620 01 0	0,353	6	1	0A312 20 0				
		40/50	89,0	39,5	49,5	10	1 00620 01 0	0,350	6	1	0A312 21 0				
		45/45	89,0	44,5	44,5	10	1 00620 01 0	0,347	6	1	0A312 29 0				
		40/55	94,0	39,5	54,5	10	1 00620 01 0	0,355	6	1	0A312 42 0				
		45/50	94,0	44,5	49,5	10	1 00620 01 0	0,367	6	1	0A312 39 0				
		45/55	99,0	44,5	54,5	10	1 00620 01 0	0,370	6	1	0A312 43 0				
		50/50	99,0	49,5	49,5	10	1 00620 01 0	0,370	6	1	0A312 23 0				
		45/60	104,0	44,5	59,5	10	1 00620 01 0	0,398	6	1	0A312 54 0				
		55/50	104,0	54,5	49,5	10	1 00620 01 0	0,384	6	1	0A312 64 0				
		30/80	109,0	29,5	79,5	10	1 00620 01 0	0,400	6	1	0A312 37 0				
		40/70	109,0	39,5	69,5	10	1 00620 01 0	0,400	6	1	0A312 35 0				
		50/60	109,0	49,5	59,5	10	1 00620 01 0	0,400	6	1	0A312 36 0				
		55/55	110,0	54,5	54,5	10	1 00620 01 0	0,405	6	1	0A312 70 0				
		60/50	109,0	59,5	49,5	10	1 00620 01 0	0,410	6	1	0A312 89 0				
		55/60	114,0	54,5	59,5	10	1 00620 01 0	0,415	6	1	0A312 71 0				
		55/65	119,0	54,5	64,5	10	1 00620 01 0	0,430	6	1	0A312 72 0				
		60/60	119,0	59,5	59,5	10	1 00620 01 0	0,430	6	1	0A312 40 0				
		65/55	119,0	64,5	54,5	10	1 00620 01 0	0,430	6	1	0A312 86 0				
	• Double cylinder pre-set for adjustable shaft thumb turn installation • To install with protective rose - item 1.06458.20 • ON REQUEST: Thumb turn knobs - item 1.06353.00 - item 1.06354.00	30/30	59,0	29,5	29,5	10	1 00620 01 0	0,284	6	1	0A317 07 0				
		40/30	69,0	39,5	29,5	10	1 00620 01 0	0,312	6	1	0A317 12 0				
		50/30	79,0	49,5	29,5	10	1 00620 01 0	0,329	6	1	0A317 90 0				
		60/30	89,0	59,5	29,5	10	1 00620 01 0	0,359	6	1	0A317 87 0				
		70/30	99,0	69,5	29,5	10	1 00620 01 0	0,370	6	1	0A317 88 0				

Type	Description	For locks series	L	Pins	Key item	 Unit weight	 Pieces	ITEM				
								Type	Dim.	Hand	Fin.	Pers. Spec.
	• Cylinder • Cylinder with nickel-plated anti-pulling and drill resistant protective rose	1A610, 11540, 11610, 11615, 50010, 50110, 50115, 50130, 50180, 50330, 54310, 54312, 54315, 54340, 54342, 54350, 54352, 54510, 54512, 54550, 54552, 54570, 54572	10	1 00620 01 0		0,204	6	1 0A510 00 0				
								1 0A510 11 0				
	• Tubular cylinder • For extra lengths see - item 07165	1A611, 11611, 50111, 50116, 50131, 50181, 50411, 50481, 50511, 50581, 54316, 54341	50,0	10	1 00620 01 0	0,160	6	1 0A210 50 0				
	• Pair of cylinders	50120, 50125, 50160, 50170, 50210, 50220	10	1 00620 01 0		0,267	6	1 0A112 00 0				
		11560, 11630, 11635	5	1 00620 01 0		0,267	6	1 0A114 00 0				
	• Pair of cylinders with external tubular cylinder	1A631, 1A721, 1A731	55,0	5	1 00620 01 0	0,233	6	1 0A150 00 0				

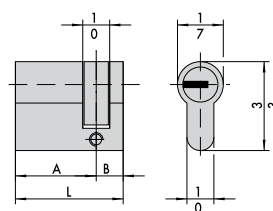
Type	Description	For locks series	Door thickness	Pins	Key item	 Unit weight	 Pieces	ITEM				
								Type	Dim.	Hand	Fin.	Pers. Spec.
	• Pair of cylinders with external tubular cylinder	50121, 50126, 50141, 50161, 50171, 50211, 50221, 50421, 50461, 50471, 50521, 50561, 50571	50,0	10	1 00620 01 0	0,233	6	1	0A116	00	0	
		11551, 11631, 11731, 11736, 11931, 11936	50,0	10	1 00620 01 0	0,253	6	1	0A120	00	0	
		11521, 11721, 11726, 11921, 11926	50,0	10	1 00620 01 0	0,253	6	1	0A149	00	0	
		11661, 11671, 11761, 11771	50,0	10	1 00620 01 0	0,253	6	1	0A155	00	0	
	• Pair of cylinders	1A630		5	1 00620 01 0	0,267	6	1	0A115	00	0	

Type	Description	Door thickness Plins	Key item	 Unit weight	 Pieces	ITEM				
						Type	Dim.	Hand	Fin.	Pers. Spec.
	- Plug for padlocks: series 28053 – 28353 – 28553 2 keys - Pickled brass casing - Complete with coupling plate item 1.07573.08.0	10	1 00620 01 0	0,106	6	1	0A610	00	0	
	- Cylinder for external drives item 1.07077.28.0 - Ground brass	10	1 00620 01 0	0,106	6	1	0A610	10	0	
	- Cylinder for external drives item 1.07077.29.0 - Ground brass	10	1 00620 01 0	0,106	6	1	0A610	11	0	
	- Vertical key extraction - Ring item 1.06021.10.0 - Deadlock item 1.06414.20.0 or 1.06414.30.0 (to order separately)	19	10 1 00620 01 0	0,195	1	1	0A410	00	0	
	- Microswitch (7A, 250V) with welding terminals - Automatic return to key extraction position (0) - Ring item 1.06021.10.0	19	10 1 00620 01 0	0,140	1	1	0A415	01	0	
	- Microswitch (7A, 250V) with welding terminals - Automatic return to key extraction position (0) - Ring item 1.06021.10.0	19	10 1 00620 01 0	0,188	1	1	0A415	03	0	

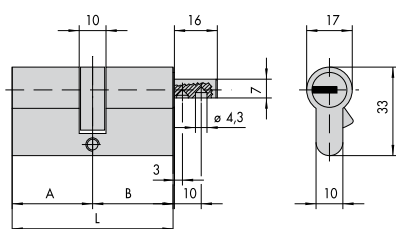
Drawings and Dimensions



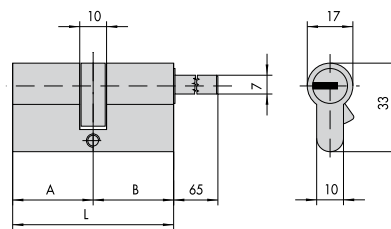
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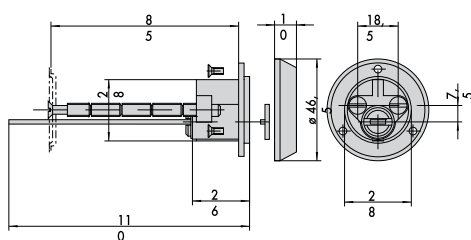
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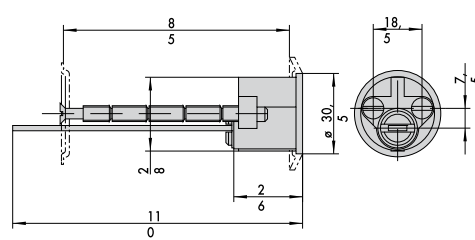
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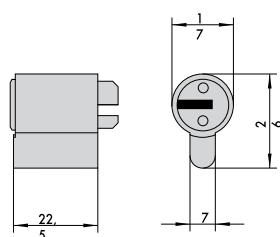
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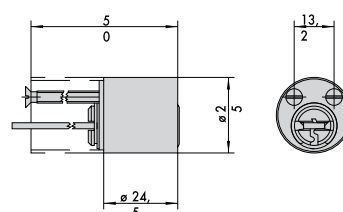
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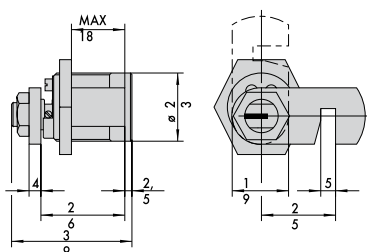
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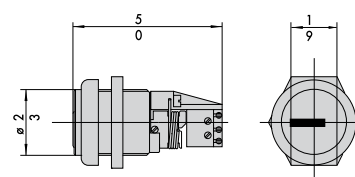
0A610



0A200



0A410



0A415

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Allegion (NYSE: ALLE) creates peace of mind by pioneering safety and security. As a \$2 billion provider of security solutions for homes and businesses, Allegion employs more than 7,800 people and sells products in more than 120 countries across the world. Allegion comprises 23 global brands, including strategic brands CISA®, Interflex®, LCN®, Schlage® and Von Duprin®.

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