



SP Cylinders



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CYLINDER SECURITY – Attack Resistance

- High bumping (striking) resistance thanks to the BKP (Bump Key Power) device.
- High drill resistance, thanks to 2 hardened steel inserts on both sides of the cylinder body and 2 inserts in both plugs.

KEY RELATED SECURITY

- Patented shape key: protected against illegal production.
- High picking resistance thanks to the special profile key.
- Bitting system with 10 pins arranged on 3 rows.
- Over 7,000,000 possible combinations (different keys).

DURABILITY

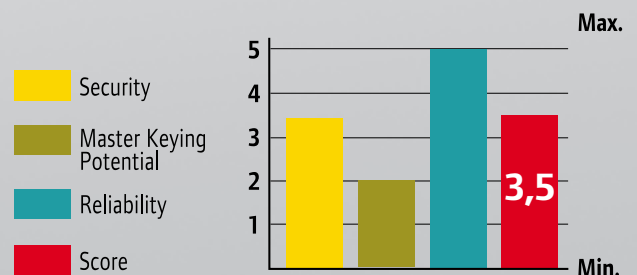
- Tested up to 100,000 cycles.

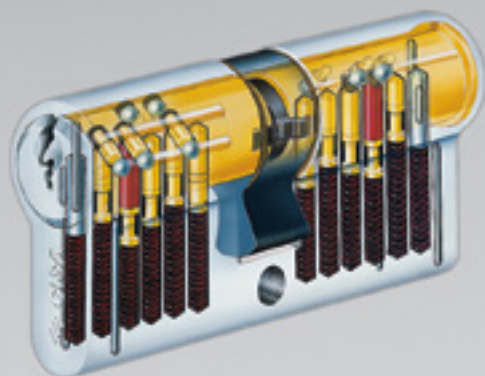
EN 1303:2005

- Compliant with the European Standard EN 1303:2005.
 - Attack Resistance: 0 ☐ 1 ☒ 2
 - Key Related Security: 6 ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☒ 6
 - Durability: 6 ☐ 4 ☐ 5 ☒ 6

APPLICATIONS

- SP is the ideal product for residential building and shop applications.





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.
- Stainless steel side securing balls.
- Drivers:
 - in brass, cylindrical and mushroom-headed for anti-picking function
 - in hardened steel in first position.
- Phosphor bronze springs.

KEY:

- Material: nickel silver alloy.
- Thickness: 3.2 mm.
- Numbered key head.
- Depth: 0.5 mm.

Finishes:

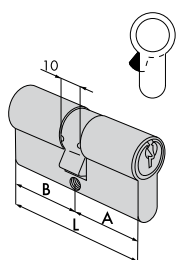
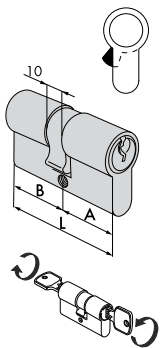
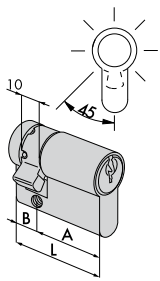
- Standard: nickel-plated brass (fin. 12).
- On request: polished brass (fin. 66).

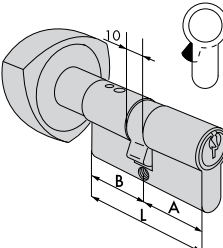
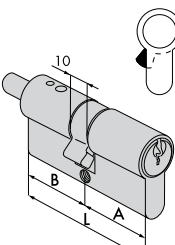
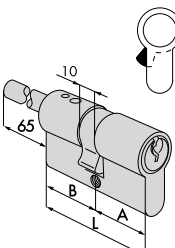
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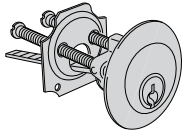
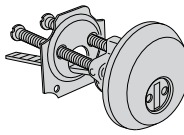
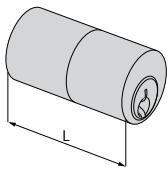
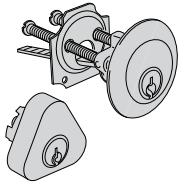
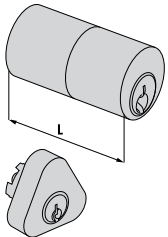
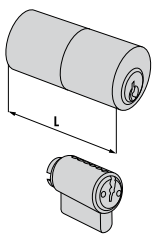
- KA, MK, CE, CA, C5, CL (long neck key, plastic head, compatible with protective roses), PP and their variations.

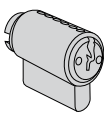
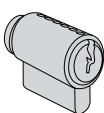
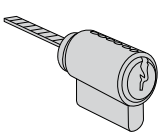
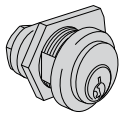
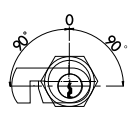
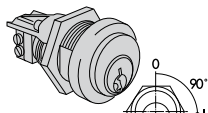
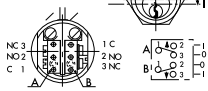
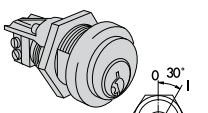
Supplied as standard:

- Fixing screw.
- User and maintenance instructions.
- 3 keys item 1.00450.01.0.
- CODE CARD.

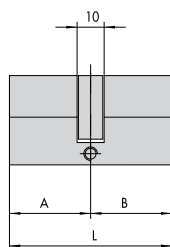
Type	Description	Comm. dim.	L	A	B	Pins	Key item	 Unit weight	 Pieces	ITEM				
										Type	Dim.	Hand	Fin.	Spec.
	• Double cylinder	28/28	55,4	27,7	27,7	5	1 00450 01 1	0,244	1	1	08815	05	0	12
		30/30	59,0	29,5	29,5	6	1 00450 01 1	0,254	1	1	08815	07	0	12
		28/34	61,2	27,7	33,5	5	1 00450 01 1	0,264	1	1	08815	06	0	12
		30/33	62,0	29,5	32,5	6	1 00450 01 1	0,240	1	1	08815	08	0	12
		28/36	63,2	27,7	35,5	5	1 00450 01 1	0,270	1	1	08815	09	0	12
		30/35	64,0	29,5	34,5	6	1 00450 01 1	0,269	1	1	08815	26	0	12
		33/33	65,0	32,5	32,5	6	1 00450 01 1	0,270	1	1	08815	10	0	12
		30/40	69,0	29,5	39,5	6	1 00450 01 1	0,284	1	1	08815	12	0	12
		35/35	69,0	34,5	34,5	6	1 00450 01 1	0,284	1	1	08815	13	0	12
		28/42	69,2	27,7	41,5	5	1 00450 01 1	0,288	1	1	08815	11	0	12
		30/43	72,0	29,5	42,5	6	1 00450 01 1	0,293	1	1	08815	14	0	12
		37/37	73,0	36,5	36,5	6	1 00450 01 1	0,296	1	1	08815	15	0	12
		30/45	74,0	29,5	44,5	6	1 00450 01 1	0,297	1	1	08815	27	0	12
		35/40	74,0	34,5	39,5	6	1 00450 01 1	0,303	1	1	08815	28	0	12
		30/50	79,0	29,5	49,5	6	1 00450 01 1	0,315	1	1	08815	17	0	12
		35/45	79,0	34,5	44,5	6	1 00450 01 1	0,314	1	1	08815	19	0	12
		40/40	79,0	39,5	39,5	6	1 00450 01 1	0,314	1	1	08815	18	0	12
		28/54	81,2	27,7	53,5	5	1 00450 01 1	0,324	1	1	08815	16	0	12
		40/45	84,0	39,5	44,5	6	1 00450 01 1	0,330	1	1	08815	30	0	12
		43/43	85,0	42,5	42,5	6	1 00450 01 1	0,335	1	1	08815	46	0	12
		30/60	89,0	29,5	59,5	6	1 00450 01 1	0,344	1	1	08815	20	0	12
		40/50	89,0	39,5	49,5	6	1 00450 01 1	0,344	1	1	08815	21	0	12
		45/45	89,0	44,5	44,5	6	1 00450 01 1	0,343	1	1	08815	29	0	12
		30/70	99,0	29,5	69,5	6	1 00450 01 1	0,376	1	1	08815	24	0	12
		35/65	99,0	34,5	64,5	6	1 00450 01 1	0,377	1	1	08815	22	0	12
		40/60	99,0	39,5	59,5	6	1 00450 01 1	0,377	1	1	08815	25	0	12
		50/50	99,0	49,5	49,5	6	1 00450 01 1	0,374	1	1	08815	23	0	12
		30/80	109,0	29,5	79,5	6	1 00450 01 1	0,405	1	1	08815	37	0	12
		40/70	109,0	39,5	69,5	6	1 00450 01 1	0,409	1	1	08815	35	0	12
		50/60	109,0	49,5	59,5	6	1 00450 01 1	0,406	1	1	08815	36	0	12
	• Double cylinder with clutch system	31/31	61,6	30,8	30,8	6	1 00450 01 1	0,230	1	1	08875	07	0	12
		31/35	65,3	30,8	34,5	6	1 00450 01 1	0,250	1	1	08875	26	0	12
	• Single cylinder with 8 position adjustable cam	30/10	39,5	29,5	10,0	6	1 00450 01 1	0,205	1	1	08835	02	0	12
		33/10	42,5	32,5	10,0	6	1 00450 01 1	0,179	1	1	08835	09	0	12
		35/10	44,5	34,5	10,0	6	1 00450 01 1	0,185	1	1	08835	07	0	12
		37/10	46,5	36,5	10,0	6	1 00450 01 1	0,192	1	1	08835	10	0	12
		40/10	49,5	39,5	10,0	6	1 00450 01 1	0,201	1	1	08835	03	0	12
		43/10	52,5	42,5	10,0	6	1 00450 01 1	0,209	1	1	08835	11	0	12
		50/10	59,5	49,5	10,0	6	1 00450 01 1	0,230	1	1	08835	04	0	12

Type	Description	Comm. dim.	L	A	B	Pins	Key item	Kg Unit weight Pieces Pieces <th colspan="5">ITEM</th>	ITEM						
										Type	Dim.	Hand	Fin.	Pers.	Spec.
	• Double cylinder with pre-installed anodized aluminum thumb turn	31/23	54,0	30,8	23,2	6	1 00450 01 1	0,330	1	1	08855	03	0	12	
		33/27	59,5	32,5	27,0	6	1 00450 01 1	0,375	1	1	08855	05	0	12	
		31/31	61,6	30,8	30,8	6	1 00450 01 1	0,340	1	1	08855	04	0	12	
		31/33	63,3	30,8	32,5	6	1 00450 01 1	0,350	1	1	08855	07	0	12	
		33/31	63,3	32,5	30,8	6	1 00450 01 1	0,350	1	1	08855	06	0	12	
		31/36	67,1	30,8	36,3	6	1 00450 01 1	0,360	1	1	08855	09	0	12	
		36/31	67,1	36,3	30,8	6	1 00450 01 1	0,360	1	1	08855	10	0	12	
		31/43	73,3	30,8	42,5	6	1 00450 01 1	0,420	1	1	08855	11	0	12	
		43/31	73,3	42,5	30,8	6	1 00450 01 1	0,370	1	1	08855	12	0	12	
		31/50	80,8	30,8	50,0	6	1 00450 01 1	0,390	1	1	08855	26	0	12	
		33/50	82,5	32,5	50,0	6	1 00450 01 1	0,450	1	1	08855	29	0	12	
		43/43	85,0	42,5	42,5	6	1 00450 01 1	0,410	1	1	08855	25	0	12	
		31/60	90,8	30,8	60,0	6	1 00450 01 1	0,430	1	1	08855	27	0	12	
		31/80	110,8	30,8	80,0	6	1 00450 01 1	0,440	1	1	08855	13	0	12	
	• Double cylinder pre-set for thumb turn installation	31/23	54,0	30,8	23,2	6	1 00450 01 1	0,240	1	1	08857	03	0	12	
		37/27	59,5	32,5	27,0	6	1 00450 01 1	0,240	1	1	08857	05	0	12	
	• ON REQUEST: Thumb turn knobs	31/31	61,6	30,8	30,8	6	1 00450 01 1	0,240	1	1	08857	04	0	12	
	- item 1.06353.00	31/33	63,3	30,8	32,5	6	1 00450 01 1	0,260	1	1	08857	07	0	12	
	- item 1.06354.00	33/31	63,3	32,5	30,8	6	1 00450 01 1	0,260	1	1	08857	06	0	12	
		33/33	65,0	32,5	32,5	6	1 00450 01 1	0,250	1	1	08857	34	0	12	
		43/23	65,7	42,5	23,2	6	1 00450 01 1	0,250	1	1	08857	41	0	12	
		31/36	67,1	30,8	36,3	6	1 00450 01 1	0,270	1	1	08857	09	0	12	
		36/31	67,1	36,3	30,8	6	1 00450 01 1	0,270	1	1	08857	10	0	12	
		36/36	72,6	36,3	36,3	6	1 00450 01 1	0,290	1	1	08857	18	0	12	
		31/43	73,3	30,8	42,5	6	1 00450 01 1	0,300	1	1	08857	11	0	12	
		43/31	73,3	42,5	30,8	6	1 00450 01 1	0,300	1	1	08857	12	0	12	
		43/36	78,8	42,5	36,3	6	1 00450 01 1	0,310	1	1	08857	17	0	12	
		31/50	80,8	30,8	50,0	6	1 00450 01 1	0,315	1	1	08857	26	0	12	
		46/36	82,1	45,8	36,3	6	1 00450 01 1	0,320	1	1	08857	33	0	12	
		33/50	82,5	32,5	50,0	6	1 00450 01 1	0,320	1	1	08857	29	0	12	
		43/43	85,0	42,5	42,5	6	1 00450 01 1	0,330	1	1	08857	25	0	12	
		31/60	90,8	30,8	60,0	6	1 00450 01 1	0,340	1	1	08857	27	0	12	
		68/23	91,2	68,0	23,2	6	1 00450 01 1	0,350	1	1	08857	42	0	12	
		46/46	91,6	45,8	45,8	6	1 00450 01 1	0,350	1	1	08857	38	0	12	
		60/36	96,3	60,0	36,3	6	1 00450 01 1	0,360	1	1	08857	37	0	12	
		45/55	99,0	44,5	54,5	6	1 00450 01 1	0,370	1	1	08857	31	0	12	
		55/45	99,0	54,5	44,5	6	1 00450 01 1	0,370	1	1	08857	35	0	12	
		60/46	105,0	54,5	44,5	6	1 00450 01 1	0,385	1	1	08857	40	0	12	
		60/50	110,0	60,0	50,0	6	1 00450 01 1	0,400	1	1	08857	39	0	12	
		31/80	110,8	30,8	80,0	6	1 00450 01 1	0,410	1	1	08857	13	0	12	
		55/65	119,0	54,5	64,5	6	1 00450 01 1	0,430	1	1	08857	32	0	12	
		65/55	119,0	64,5	54,5	6	1 00450 01 1	0,430	1	1	08857	36	0	12	
	• Double cylinder pre-set for adjustable shaft thumb turn installation	31/31	61,6	30,8	30,8	6	1 00450 01 1	0,264	1	1	08887	04	0	12	
		43/31	73,3	42,5	30,8	6	1 00450 01 1	0,310	1	1	08887	12	0	12	
		50/31	80,3	49,5	30,8	6	1 00450 01 1	0,339	1	1	08887	51	0	12	
		60/31	90,3	59,5	30,8	6	1 00450 01 1	0,370	1	1	08887	30	0	12	
	• To install with protective rose item 1.06458.20	68/31	98,8	68,0	30,8	6	1 00450 01 1	0,399	1	1	08887	53	0	12	
• ON REQUEST: Thumb turn knobs															
- item 1.06353.00															
- item 1.06354.00															

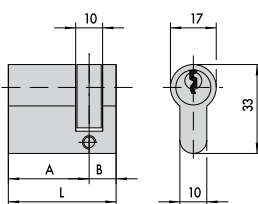
Type	Description	For locks series	L	Pins	Key item	 Unit weight	 Pieces	ITEM				
								Type	Dim.	Hand	Fin.	Pers. Spec.
	• Cylinder	1A610, 11540, 11610, 11615, 50110, 50115, 50130, 50180, 54315, 54340, 54570	6	1	100450 01 1	0,225	1	1 0252 00 0 12				
	• Cylinder with nickel-plated anti-pulling and drill resistant protective rose		6	1	100450 01 1	0,219	1	1 0252 10 0 12				
	• Tubular cylinder • For extra lengths see - item 07165	1A611, 11611, 50111, 50116, 50131, 50181, 50411, 50481, 50511, 50581, 54316, 54341	50,0	6	100450 01 1	0,170	1	1 02572 50 0 12				
	• Pair of cylinders	11660, 11670	6	1	100450 01 1	0,280	1	1 02164 00 0 12				
		50120, 50125, 50160, 50170, 50210, 50220	6	1	100450 01 1	0,280	1	1 02172 00 0 12				
	• Pair of cylinders with external tubular cylinder	11661, 11671, 11761, 11771	50,0	6	100450 01 1	0,280	1	1 02163 00 0 12				
		50121, 50126, 50141, 50161, 50171, 50211, 50221, 50421, 50461, 50471, 50521, 50561, 50571	50,0	6	100450 01 1	0,260	1	1 02176 00 0 12				
		11521, 11721, 11726, 11921, 11926	50,0	6	100450 01 1	0,260	1	1 02179 00 0 12				
		11823	70,0	6	100450 01 1	0,270	1	1 02182 00 0 12				
	• Pair of cylinders with external tubular cylinder	1A631, 1A721, 1A731	55,0	5	100450 01 1	0,260	6	1 02180 00 0 12				

Type	Description	Door thickness	Pins	Key item	Kg Unit weight	Pieces	ITEM				
							Type	Dim.	Hand	Fin.	Spec.
	- Plug for padlocks: series 28052 – 28352 - 28552 2 keys - Pickled brass casing - Complete with coupling plate - item 1.07573.070.1/2	6	1	00450 01 1	0,120	1	1	02652 01	0		
	- Cylinder for external drives - item 1.07077.28.0 - Ground brass				0,120	1	1	02652 10	0		
	- Cylinder for external drives - item 1.07077.29.0 - Ground brass				0,120	1	1	02652 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	6	1 00450 01 1	0,195	1	1	72275 26	0 12		
 	- Microswitch (7A, 250V) with welding terminals - Automatic return to key extraction position (0) - Ring item 1.06021.10.0	19	6	1 00450 01 1	0,150	1	1	72276 01	0 12		
 	- Microswitch (7A, 250V) with welding terminals. - Automatic return to key extraction position (0) - Ring item 1.06021.10.0	19	6	1 00450 01 1	0,145	1	1	72276 03	0 12		

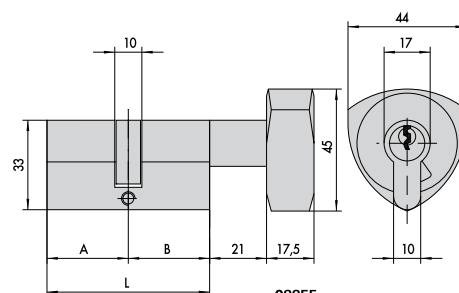
Drawings and Dimensions



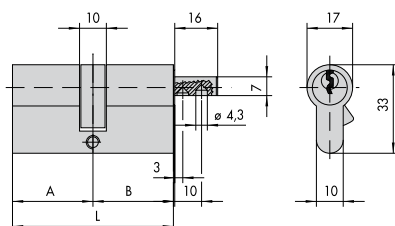
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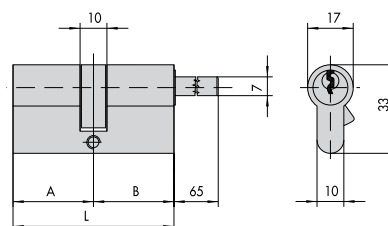
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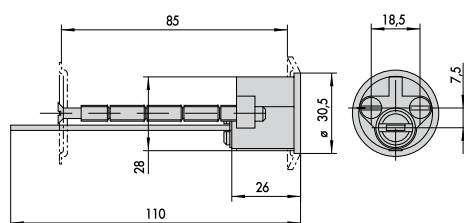
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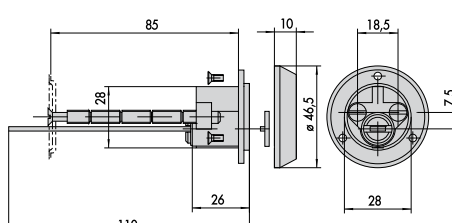
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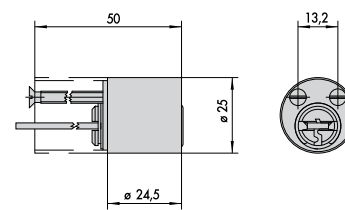
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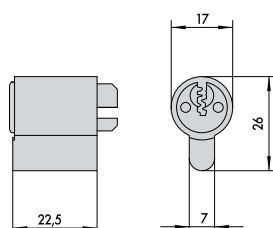
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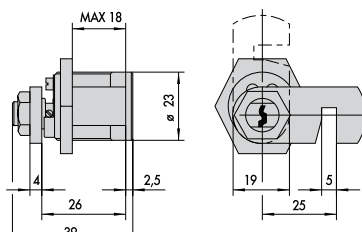
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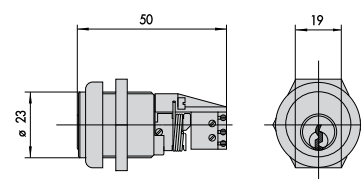
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