



**CSF GERA.**

CATALOGUE 2009

**ISEO®**



**CSF GERA.**

## **Mechatronic System**

CSF Mechatronic System combines the very best of mechanical security with the flexibility of electronics.

Combined together, these technologies offer the ideal solution for access control in private and public buildings.

By choosing CSF Mechatronic System your system will be tailored to your present and future requirements and your investment will always be protected, even when the key is lost or stolen.

CSF Mechatronic System allows for a complete customisation of each solution. As a matter of fact, your active role in the project and programming stages of CSF Mechatronic System is crucial for its success.

Endless combinations give rise to endless security.

Thanks to a superior intelligence.

Yours.



## **CSF Mechatronic System**

High reliability and security, flexibility and tailor-made programming: these outstanding features make CSF the ideal solution to create systems with mechanical and electronic cylinders able to meet the organisational and security requirements of each single customer.

CSF fits to any type of building and can ensure a differentiated level of security between "sensible" areas (ex. R&D, IT etc.) and areas with a freer access, even with differentiated time slots.

Therefore, it allows a simplified, but absolutely secure, management of the personnel's movements.

A CSF system, even if only mechanical, can be extended at any time, in functions and quantity, with mechanical or electronic cylinders. This offers a great economical advantage.

In the CSF system, the electronic key allows all accesses to be programmed individually: by access rights, by time slots, by number of openings.

With CSF it's you who decide the various authorisation levels as well as their prompt modification.

Even if an electronic key is lost, security will not be impaired: a lost key is immediately blocked without the need to replace a part of the system or the whole of it.



## **CSF Mechatronic System**

CSF represents ISEO's best solution in terms of strength, antipicking and key duplication. Moreover, the mechanical codes are protected by means of life-registered and life-patented profiles: in fact, the key profile featuring the word GERA is registered all over the world and has no time limit.

CSF is an extraordinary mixture of endless combinations, registered and patented profiles, differentiated security levels, versatility, flexibility and protection. It is available in multi-levels of products which can be combined one to another.

From the standard F9 version, with endless real key variations, to the top of the range F9000, the mechatronic cylinder.

### **9000 Mechatronic cylinders**

F9000 profile cylinders, a smart example of ISEO's mechatronics, can be easily adapted to the different security requirements.

The electronic component is located in a standard barrel (rotor). Any cylinder fitting into the barrel can become mechanical/mechatronic: therefore, it can be adapted to all the cylinders range (half profile, double profile, knob, padlocks, cylinder with microswitch and so on). In this way the system combines the electronic security (the cylinder doesn't open if it doesn't recognise the key electronic code) with mechanical protection (the cylinder doesn't open if it doesn't recognise the key mechanical coding).

Installation is easy, quick and wireless, since the energy source is in the key.

The lack of power supply in the cylinder eliminates all maintenance and installation problems.

The cylinder features a 6-pin vertical key profile and an electronically-operated mechatronic locking which only opens if the key code is correct and linked to the cylinder.

Programming is simple and ensured by a special key, the Programmer Key. The cylinders saves the User's Key codes, the last openings (user's code and opening times) as well as the last opening attempts by unauthorised keys.



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## **CSF Mechatronic System**

### **User's Electronic Key**

The User's Electronic Key concentrates the very best of ISEO's technology.

Slightly bigger than a conventional security key, the user's key hosts: the system electronics, the batteries for the whole system, the battery status LED also confirming the results of the recognition and programming procedures.

Information between the key and the cylinder is transmitted by magnetic induction and therefore without physical contact (thus avoiding false contacts and oxidation).

As always, ISEO has been very attentive to quality, materials and design: the result is an ergonomic shape which allows an easy grip.

The electronic key is fed by long-life lithium batteries.

### **Programmer Key**

Each system has its own Programmer Key. It is the "head of the family", the key which establishes the rights and duties of all the other elements in the system. It does not have an opening function, it is only used to program the electronic keys and cylinders. It does not have a mechanical coding and it can only be duplicated by ISEO.

Only the programmer key can access the system data: it authorises its user to enter the electronic system in order to change it. No system modification is possible without the programmer key.

Its main functions are:

- It enables and disables the user's electronic keys
- It cancels an existing key (i.e. a lost key)
- It allows to read the different events
- It fixes the time slots

### **Interface**

It is the connecting element which allows the data to be transferred from a PC to the electronic keys and cylinders. It is put in operation when the programmer key is inserted.



## **CSF Mechatronic System**

### **Software**

The CSF system is provided with a management and programming software. Its functions are:

- It enables new keys
- It enables and disables an existing key
- It cancels one or more keys
- It programs the access time and date of each electronic key
- It displays the events relating to the keys and cylinders
- It displays the opening attempts with unauthorised keys
- It manages the self-learning of a key on the cylinders

The minimum system requirements are:

CPU: Pentium 4 - 2,5 GHz - RAM: 512 MByte - DISPLAY: 1024x768

CD ROM: 32 X OS: Windows XP, 2000

After switching on the PC, insert the CD, Autorun or select the CD and Start Setup.EXE.

Follow the guided installation.

### **Property card**

The CSF system has a Property Card, MPC- Master Key Plan Card - which indicates the system number, necessary to authorise duplication of all cylinders and all individual and master keys.

Only ISEO and its subsidiaries can duplicate the CSF keys.

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**CSF GERA.**

**F9000**





## F9000



### INTERFACE WITH PROFESSIONAL SOFTWARE

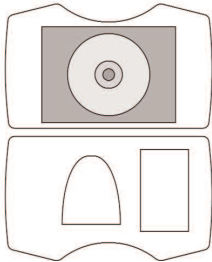
Interface with USB cable and software.

It allows the programming, by PC, of the mechatronic keys and cylinders.

It is put into operation by the programmer key.

Functions:

- Software for the programming of one or more systems
- It allows the transmission of encrypted data from the PC to the user's key and the cylinders
- The information contained in the management software (time slots, number of openings, legal time) are transferred through the interface to the user's/programmer key.
- It allows the downloading and the visualisation of the events
- Multiple licences are available



E03110 1

### INTERFACE WITH HOME SOFTWARE

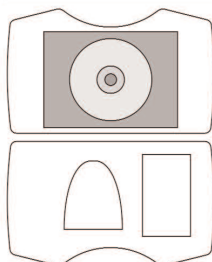
Interface with USB cable and software.

It allows the programming, by PC, of the mechatronic keys and cylinders.

is put into operation by the programmer key.

Functions:

- Software for the programming of one single system
- It allows the transmission of encrypted data from the PC the user's key and the cylinders
- The information contained in the management software time slots, number of openings, legal time) are transferred through the interface to the user's/programmer key.
- It allows the downloading and the visualisation of the events



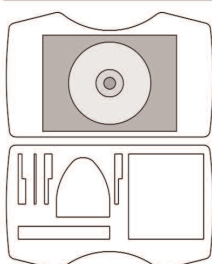
E03115 1

### DEMO KIT

Demo and presentation kit.

Content:

- Demo system composed of two mechatronic cylinders and 1 mechanical cylinder
- Interface through USB cable and management software
- Two electronic keys and 1 mechanical key



E03140 1

## F9000



### INTERFACE

Interface with USB cable.

**E03120** 1



### PROGRAMMER KEY

Uncoded programmer key.

Multi-functional LED indicating the programming and battery status.

Lithium batteries directly replaceable by the end user.

Functions:

- System key (password) to use the management software
- Data transmission between the software and the cylinders
- Downloading of events from the cylinders
- It stores the programming steps contained in the software

**80EEI** 1



### USER'S KEY

Conventional multi-profile, non-duplicable key.

Energy and encrypted data transmission between the key and the cylinder, is without electric contacts.

Multi-functional LED indicating access authorisation and battery status.

Lithium batteries directly replaceable by the end user.

Functions:

- It stores time slots and events
- Self-learning function allowing to enable user's keys without the programmer key.

**80EAMKI000** 1



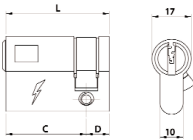
## F9000



### F9000 NICKEL-PLATED HALF-PROFILE CYLINDER

Without keys

Product description:  
mechatronic version  
patented key system, non-duplicable key.  
8-position cam  
Fixing screw



	C + D	NICKEL	CSF ISEO
<b>L mm. 40</b>	(30+10)	<b>82EA030109</b> (*)	1
<b>L mm. 45</b>	(35+10)	<b>82EA035109</b> (*)	1
<b>L mm. 50</b>	(40+10)	<b>82EA040109</b> (*)	1
<b>L mm. 55</b>	(45+10)	<b>82EA045109</b> (*)	1
<b>L mm. 60</b>	(50+10)	<b>82EA050109</b> (*)	1
<b>L mm. 65</b>	(55+10)	<b>82EA055109</b> (*)	1
<b>L mm. 70</b>	(60+10)	<b>82EA060109</b> (*)	1
<b>L mm. 75</b>	(65+10)	<b>82EA065109</b> (*)	1

(\*) MK (M)

## F9000



### F9000 NICKEL-PLATED DOUBLE-PROFILE CYLINDER

Without keys

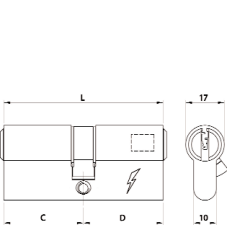
Product description:

mechatronic version (**D side**)

patented key system, non-duplicable key.

DIN 30° cam

Fixing screw




	C + D	NICKEL	CSF ISEO
<b>L mm. 60</b>	(30+30)	<b>82EA030309</b> <sup>(*)</sup>	1
<b>L mm. 65</b>	(30+35)	<b>82EA030359</b> <sup>(*)</sup>	1
	(35+30)	<b>82EA035309</b> <sup>(*)</sup>	1
<b>L mm. 70</b>	(30+40)	<b>82EA030409</b> <sup>(*)</sup>	1
	(35+35)	<b>82EA035359</b> <sup>(*)</sup>	1
	(40+30)	<b>82EA040309</b> <sup>(*)</sup>	1
<b>L mm. 75</b>	(30+45)	<b>82EA030459</b> <sup>(*)</sup>	1
	(35+40)	<b>82EA035409</b> <sup>(*)</sup>	1
	(40+35)	<b>82EA040359</b> <sup>(*)</sup>	1
	(45+30)	<b>82EA045309</b> <sup>(*)</sup>	1
<b>L mm. 80</b>	(30+50)	<b>82EA030509</b> <sup>(*)</sup>	1
	(35+45)	<b>82EA035459</b> <sup>(*)</sup>	1
	(40+40)	<b>82EA040409</b> <sup>(*)</sup>	1
	(45+35)	<b>82EA045359</b> <sup>(*)</sup>	1
	(50+30)	<b>82EA050309</b> <sup>(*)</sup>	1
<b>L mm. 85</b>	(30+55)	<b>82EA030559</b> <sup>(*)</sup>	1
	(35+50)	<b>82EA035509</b> <sup>(*)</sup>	1
	(40+45)	<b>82EA040459</b> <sup>(*)</sup>	1
	(45+40)	<b>82EA045409</b> <sup>(*)</sup>	1
	(50+35)	<b>82EA050359</b> <sup>(*)</sup>	1
<b>L mm. 90</b>	(55+30)	<b>82EA055309</b> <sup>(*)</sup>	1
	(30+60)	<b>82EA030609</b> <sup>(*)</sup>	1
	(35+55)	<b>82EA035559</b> <sup>(*)</sup>	1
	(40+50)	<b>82EA040509</b> <sup>(*)</sup>	1
	(45+45)	<b>82EA045459</b> <sup>(*)</sup>	1
	(50+40)	<b>82EA050409</b> <sup>(*)</sup>	1
<b>L mm. 95</b>	(55+35)	<b>82EA055359</b> <sup>(*)</sup>	1
	(60+30)	<b>82EA060309</b> <sup>(*)</sup>	1
	(30+65)	<b>82EA030659</b> <sup>(*)</sup>	1
	(35+60)	<b>82EA035609</b> <sup>(*)</sup>	1
	(40+55)	<b>82EA040559</b> <sup>(*)</sup>	1
	(45+50)	<b>82EA045509</b> <sup>(*)</sup>	1
	(50+45)	<b>82EA050459</b> <sup>(*)</sup>	1
(55+40)	<b>82EA055409</b> <sup>(*)</sup>	1	
(60+35)	<b>82EA060359</b> <sup>(*)</sup>	1	
(65+30)	<b>82EA065309</b> <sup>(*)</sup>	1	

# F9000

Code

Single  
package

		NICKEL	CSF ISEO
	 C + D		
<b>L mm. 100</b>	(30+70)	<b>82EA030709<sup>(*)</sup></b>	1
	(35+65)	<b>82EA035659<sup>(*)</sup></b>	1
	(40+60)	<b>82EA040609<sup>(*)</sup></b>	1
	(45+55)	<b>82EA045559<sup>(*)</sup></b>	1
	(50+50)	<b>82EA050509<sup>(*)</sup></b>	1
	(55+45)	<b>82EA055459<sup>(*)</sup></b>	1
	(60+40)	<b>82EA060409<sup>(*)</sup></b>	1
	(65+35)	<b>82EA065359<sup>(*)</sup></b>	1
	(70+30)	<b>82EA070309<sup>(*)</sup></b>	1
<b>L mm. 105</b>	(35+70)	<b>82EA035709<sup>(*)</sup></b>	1
	(40+65)	<b>82EA040659<sup>(*)</sup></b>	1
	(45+60)	<b>82EA045609<sup>(*)</sup></b>	1
	(50+55)	<b>82EA050559<sup>(*)</sup></b>	1
	(60+45)	<b>82EA060459<sup>(*)</sup></b>	1
	(65+40)	<b>82EA065409<sup>(*)</sup></b>	1
	(70+35)	<b>82EA070359<sup>(*)</sup></b>	1
<b>L mm. 110</b>	(30+80)	<b>82EA030809<sup>(*)</sup></b>	1
	(40+70)	<b>82EA040709<sup>(*)</sup></b>	1
	(45+65)	<b>82EA045659<sup>(*)</sup></b>	1
	(50+60)	<b>82EA050609<sup>(*)</sup></b>	1
	(55+55)	<b>82EA055559<sup>(*)</sup></b>	1
	(60+50)	<b>82EA060509<sup>(*)</sup></b>	1
	(65+45)	<b>82EA065459<sup>(*)</sup></b>	1
	(70+40)	<b>82EA070409<sup>(*)</sup></b>	1
	(80+30)	<b>82EA080309<sup>(*)</sup></b>	1

(\*) MK (M)

## F9000

### F9000 NICKEL-PLATED DOUBLE-PROFILE CYLINDER WITH DOUBLE FUNCTION

Without keys



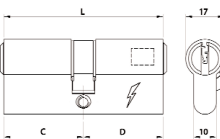
Product description:

 mechatronic version (**D side**)

patented key system, non-duplicable key.

DIN 30° cam

Fixing screw




	C + D	NICKEL	CSF ISEO
<b>L mm. 60</b>	(30+30)	82EA930309 (*)	1
<b>L mm. 65</b>	(30+35)	82EA930359 (*)	1
	(35+30)	82EA935309 (*)	1
<b>L mm. 70</b>	(30+40)	82EA930409 (*)	1
	(35+35)	82EA935359 (*)	1
	(40+30)	82EA940309 (*)	1
<b>L mm. 75</b>	(30+45)	82EA930459 (*)	1
	(35+40)	82EA935409 (*)	1
	(40+35)	82EA940359 (*)	1
	(45+30)	82EA945309 (*)	1
<b>L mm. 80</b>	(30+50)	82EA930509 (*)	1
	(35+45)	82EA935459 (*)	1
	(40+40)	82EA940409 (*)	1
	(45+35)	82EA945359 (*)	1
	(50+30)	82EA950309 (*)	1
<b>L mm. 85</b>	(30+55)	82EA930559 (*)	1
	(35+50)	82EA935509 (*)	1
	(40+45)	82EA940459 (*)	1
	(45+40)	82EA945409 (*)	1
	(50+35)	82EA950359 (*)	1
	(55+30)	82EA955309 (*)	1
<b>L mm. 90</b>	(30+60)	82EA930609 (*)	1
	(35+55)	82EA935559 (*)	1
	(40+50)	82EA940509 (*)	1
	(45+45)	82EA945459 (*)	1
	(50+40)	82EA950409 (*)	1
	(55+35)	82EA955359 (*)	1
	(60+30)	82EA960309 (*)	1
<b>L mm. 95</b>	(30+65)	82EA930659 (*)	1
	(35+60)	82EA935609 (*)	1
	(40+55)	82EA940559 (*)	1
	(45+50)	82EA945509 (*)	1
	(50+45)	82EA950459 (*)	1
	(55+40)	82EA955409 (*)	1
	(60+35)	82EA960359 (*)	1
	(65+30)	82EA965309 (*)	1

# F9000

Code

Single  
package

		NICKEL	CSF ISEO
	 C + D		
<b>L mm. 100</b>	(30+70)	<b>82EA930709</b> (*)	1
	(35+65)	<b>82EA935659</b> (*)	1
	(40+60)	<b>82EA940609</b> (*)	1
	(45+55)	<b>82EA945559</b> (*)	1
	(50+50)	<b>82EA950509</b> (*)	1
	(55+45)	<b>82EA955459</b> (*)	1
	(60+40)	<b>82EA960409</b> (*)	1
	(65+35)	<b>82EA965359</b> (*)	1
	(70+30)	<b>82EA970309</b> (*)	1
<b>L mm. 105</b>	(35+70)	<b>82EA935709</b> (*)	1
	(40+65)	<b>82EA940659</b> (*)	1
	(45+60)	<b>82EA945609</b> (*)	1
	(50+55)	<b>82EA950559</b> (*)	1
	(60+45)	<b>82EA960459</b> (*)	1
	(65+40)	<b>82EA965409</b> (*)	1
	(70+35)	<b>82EA970359</b> (*)	1
<b>L mm. 110</b>	(30+80)	<b>82EA930809</b> (*)	1
	(40+70)	<b>82EA940709</b> (*)	1
	(45+65)	<b>82EA945659</b> (*)	1
	(50+60)	<b>82EA950609</b> (*)	1
	(55+55)	<b>82EA955559</b> (*)	1
	(60+50)	<b>82EA960509</b> (*)	1
	(65+45)	<b>82EA965459</b> (*)	1
	(70+40)	<b>82EA970409</b> (*)	1
	(80+30)	<b>82EA980309</b> (*)	1

(\*) MK (M)

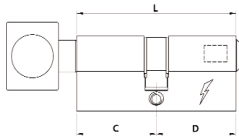
## F9000



### F9000 NICKEL-PLATED DOUBLE-PROFILE CYLINDER WITH ROUND KNOB

Without keys

Product description:  
mechatronic version (**D side**)  
patented key system, non-duplicable key.  
DIN 30° cam  
Fixing screw




	C + D	NICKEL	CSF ISEO
<b>L mm. 60</b>	(30+30)	82EA830309 <sup>(*)</sup>	1
<b>L mm. 65</b>	(30+35)	82EA830359 <sup>(*)</sup>	1
	(35+30)	82EA835309 <sup>(*)</sup>	1
<b>L mm. 70</b>	(30+40)	82EA830409 <sup>(*)</sup>	1
	(35+35)	82EA835359 <sup>(*)</sup>	1
	(40+30)	82EA840309 <sup>(*)</sup>	1
<b>L mm. 75</b>	(30+45)	82EA830459 <sup>(*)</sup>	1
	(35+40)	82EA835409 <sup>(*)</sup>	1
	(40+35)	82EA840359 <sup>(*)</sup>	1
	(45+30)	82EA845309 <sup>(*)</sup>	1
<b>L mm. 80</b>	(30+50)	82EA830509 <sup>(*)</sup>	1
	(35+45)	82EA835459 <sup>(*)</sup>	1
	(40+40)	82EA840409 <sup>(*)</sup>	1
	(45+35)	82EA845359 <sup>(*)</sup>	1
	(50+30)	82EA850309 <sup>(*)</sup>	1
<b>L mm. 85</b>	(30+55)	82EA830559 <sup>(*)</sup>	1
	(35+50)	82EA835509 <sup>(*)</sup>	1
	(40+45)	82EA840459 <sup>(*)</sup>	1
	(45+40)	82EA845409 <sup>(*)</sup>	1
	(50+35)	82EA850359 <sup>(*)</sup>	1
	(55+30)	82EA855309 <sup>(*)</sup>	1
<b>L mm. 90</b>	(30+60)	82EA830609 <sup>(*)</sup>	1
	(35+55)	82EA835559 <sup>(*)</sup>	1
	(40+50)	82EA840509 <sup>(*)</sup>	1
	(45+45)	82EA845459 <sup>(*)</sup>	1
	(50+40)	82EA850409 <sup>(*)</sup>	1
	(55+35)	82EA855359 <sup>(*)</sup>	1
	(60+30)	82EA860309 <sup>(*)</sup>	1
<b>L mm. 95</b>	(30+65)	82EA830659 <sup>(*)</sup>	1
	(35+60)	82EA835609 <sup>(*)</sup>	1
	(40+55)	82EA840559 <sup>(*)</sup>	1
	(45+50)	82EA845509 <sup>(*)</sup>	1
	(50+45)	82EA850459 <sup>(*)</sup>	1
	(55+40)	82EA855409 <sup>(*)</sup>	1
	(60+35)	82EA860359 <sup>(*)</sup>	1
	(65+30)	82EA865309 <sup>(*)</sup>	1

# F9000

Code

Single  
package

		NICKEL	CSF ISEO
	 C + D		
<b>L mm. 100</b>	(30+70)	82EA830709 <sup>(*)</sup>	1
	(35+65)	82EA835659 <sup>(*)</sup>	1
	(40+60)	82EA840609 <sup>(*)</sup>	1
	(45+55)	82EA845559 <sup>(*)</sup>	1
	(50+50)	82EA850509 <sup>(*)</sup>	1
	(55+45)	82EA855459 <sup>(*)</sup>	1
	(60+40)	82EA860409 <sup>(*)</sup>	1
	(65+35)	82EA865359 <sup>(*)</sup>	1
	(70+30)	82EA870309 <sup>(*)</sup>	1
<b>L mm. 105</b>	(35+70)	82EA835709 <sup>(*)</sup>	1
	(40+65)	82EA840659 <sup>(*)</sup>	1
	(45+60)	82EA845609 <sup>(*)</sup>	1
	(50+55)	82EA850559 <sup>(*)</sup>	1
	(55+50)	82EA855509 <sup>(*)</sup>	1
	(60+45)	82EA860459 <sup>(*)</sup>	1
	(65+40)	82EA865409 <sup>(*)</sup>	1
	(70+35)	82EA870359 <sup>(*)</sup>	1
<b>L mm. 110</b>	(30+80)	82EA830809 <sup>(*)</sup>	1
	(40+70)	82EA840709 <sup>(*)</sup>	1
	(45+65)	82EA845659 <sup>(*)</sup>	1
	(50+60)	82EA850609 <sup>(*)</sup>	1
	(55+55)	82EA855559 <sup>(*)</sup>	1
	(60+50)	82EA860509 <sup>(*)</sup>	1
	(65+45)	82EA865459 <sup>(*)</sup>	1
	(70+40)	82EA870409 <sup>(*)</sup>	1
	(80+30)	82EA880309 <sup>(*)</sup>	1

(\*) MK (M)

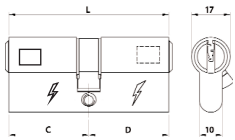
## F9000



### F9000 NICKEL-PLATED DOUBLE-PROFILE CYLINDER

Without keys


Product description:  
mechatronic version on both sides  
patented key system, non-duplicable key.  
DIN 30° cam  
Fixing screw



		NICKEL	CSF ISEO
<b>L mm. 60</b>	(30+30)	82EE030309 (*)	1
<b>L mm. 65</b>	(30+35)	82EE030359 (*)	1
	(35+30)	82EE035309 (*)	1
<b>L mm. 70</b>	(30+40)	82EE030409 (*)	1
	(35+35)	82EE035359 (*)	1
	(40+30)	82EE040309 (*)	1
<b>L mm. 75</b>	(30+45)	82EE030459 (*)	1
	(35+40)	82EE035409 (*)	1
	(40+35)	82EE040359 (*)	1
	(45+30)	82EE045309 (*)	1
<b>L mm. 80</b>	(30+50)	82EE030509 (*)	1
	(35+45)	82EE035459 (*)	1
	(40+40)	82EE040409 (*)	1
	(45+35)	82EE045359 (*)	1
	(50+30)	82EE050309 (*)	1
<b>L mm. 85</b>	(30+55)	82EE030559 (*)	1
	(35+50)	82EE035509 (*)	1
	(40+45)	82EE040459 (*)	1
	(45+40)	82EE045409 (*)	1
	(50+35)	82EE050359 (*)	1
	(55+30)	82EE055309 (*)	1
<b>L mm. 90</b>	(30+60)	82EE030609 (*)	1
	(35+55)	82EE035559 (*)	1
	(40+50)	82EE040509 (*)	1
	(45+45)	82EE045459 (*)	1
	(50+40)	82EE050409 (*)	1
	(55+35)	82EE055359 (*)	1
	(60+30)	82EE060309 (*)	1
<b>L mm. 95</b>	(30+65)	82EE030659 (*)	1
	(35+60)	82EE035609 (*)	1
	(40+55)	82EE040559 (*)	1
	(45+50)	82EE045509 (*)	1
	(50+45)	82EE050459 (*)	1
	(55+40)	82EE055409 (*)	1
	(60+35)	82EE060359 (*)	1
	(65+30)	82EE065309 (*)	1



# F9000

		NICKEL	CSF ISEO
	 C + D		
<b>L mm. 100</b>	(30+70)	<b>82EE030709</b> (*)	1
	(35+65)	<b>82EE035659</b> (*)	1
	(40+60)	<b>82EE040609</b> (*)	1
	(45+55)	<b>82EE045559</b> (*)	1
	(50+50)	<b>82EE050509</b> (*)	1
	(55+45)	<b>82EE055459</b> (*)	1
	(60+40)	<b>82EE060409</b> (*)	1
	(65+35)	<b>82EE065359</b> (*)	1
	(70+30)	<b>82EE070309</b> (*)	1
<b>L mm. 105</b>	(35+70)	<b>82EE035709</b> (*)	1
	(40+65)	<b>82EE040659</b> (*)	1
	(45+60)	<b>82EE045609</b> (*)	1
	(50+55)	<b>82EE050559</b> (*)	1
	(60+45)	<b>82EE060459</b> (*)	1
	(65+40)	<b>82EE065409</b> (*)	1
	(70+35)	<b>82EE070359</b> (*)	1
<b>L mm. 110</b>	(30+80)	<b>82EE030809</b> (*)	1
	(40+70)	<b>82EE040709</b> (*)	1
	(45+65)	<b>82EE045659</b> (*)	1
	(50+60)	<b>82EE050609</b> (*)	1
	(55+55)	<b>82EE055559</b> (*)	1
	(60+50)	<b>82EE060509</b> (*)	1
	(65+45)	<b>82EE065459</b> (*)	1
	(70+40)	<b>82EE070409</b> (*)	1
	(80+30)	<b>82EE080309</b> (*)	1

(\*) MK (M)

## F9000

### F9000 NICKEL-PLATED DOUBLE-PROFILE CYLINDER WITH DOUBLE FUNCTION

Without keys

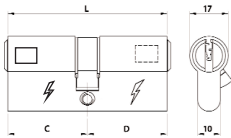


Product description:

mechatronic version on both sides  
patented key system, non-duplicable key.

DIN 30° cam

Fixing screw



		NICKEL	CSF ISEO
<b>L mm. 60</b>	(30+30)	82EE930309 (*)	1
<b>L mm. 65</b>	(30+35)	82EE930359 (*)	1
	(35+30)	82EE935309 (*)	1
<b>L mm. 70</b>	(30+40)	82EE930409 (*)	1
	(35+35)	82EE935359 (*)	1
	(40+30)	82EE940309 (*)	1
<b>L mm. 75</b>	(30+45)	82EE930459 (*)	1
	(35+40)	82EE935409 (*)	1
	(40+35)	82EE940359 (*)	1
	(45+30)	82EE945309 (*)	1
<b>L mm. 80</b>	(30+50)	82EE930509 (*)	1
	(35+45)	82EE935459 (*)	1
	(40+40)	82EE940409 (*)	1
	(45+35)	82EE945359 (*)	1
	(50+30)	82EE950309 (*)	1
<b>L mm. 85</b>	(30+55)	82EE930559 (*)	1
	(35+50)	82EE935509 (*)	1
	(40+45)	82EE940459 (*)	1
	(45+40)	82EE945409 (*)	1
	(50+35)	82EE950359 (*)	1
	(55+30)	82EE955309 (*)	1
<b>L mm. 90</b>	(30+60)	82EE930609 (*)	1
	(35+55)	82EE935559 (*)	1
	(40+50)	82EE940509 (*)	1
	(45+45)	82EE945459 (*)	1
	(50+40)	82EE950409 (*)	1
	(55+35)	82EE955359 (*)	1
	(60+30)	82EE960309 (*)	1
<b>L mm. 95</b>	(30+65)	82EE930659 (*)	1
	(35+60)	82EE935609 (*)	1
	(40+55)	82EE940559 (*)	1
	(45+50)	82EE945509 (*)	1
	(50+45)	82EE950459 (*)	1
	(55+40)	82EE955409 (*)	1
	(60+35)	82EE960359 (*)	1
	(65+30)	82EE965309 (*)	1

# F9000

Code

Single  
package

		NICKEL	CSF ISEO
	 C + D		
<b>L mm. 100</b>	(30+70)	82EE930709 (*)	1
	(35+65)	82EE935659 (*)	1
	(40+60)	82EE940609 (*)	1
	(45+55)	82EE945559 (*)	1
	(50+50)	82EE950509 (*)	1
	(55+45)	82EE955459 (*)	1
	(60+40)	82EE960409 (*)	1
	(65+35)	82EE965359 (*)	1
	(70+30)	82EE970309 (*)	1
<b>L mm. 105</b>	(35+70)	82EE935709 (*)	1
	(40+65)	82EE940659 (*)	1
	(45+60)	82EE945609 (*)	1
	(50+55)	82EE950559 (*)	1
	(60+45)	82EE960459 (*)	1
	(65+40)	82EE965409 (*)	1
	(70+35)	82EE970359 (*)	1
<b>L mm. 110</b>	(30+80)	82EE930809 (*)	1
	(40+70)	82EE940709 (*)	1
	(45+65)	82EE945659 (*)	1
	(50+60)	82EE950609 (*)	1
	(55+55)	82EE955559 (*)	1
	(60+50)	82EE960509 (*)	1
	(65+45)	82EE965459 (*)	1
	(70+40)	82EE970409 (*)	1
	(80+30)	82EE980309 (*)	1

(\*) MK (M)

Code

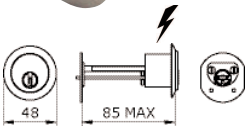
Single  
package

## F9000

### F9000 RIM CYLINDER D 35, America type.

Without keys

Product description:  
mechatronic version, patented key system,  
non-duplicable key.  
Screws for inside fixing.  
For doors with max. thickness mm. 85



NICKEL

**CSF ISEO**

**87EA040859 (\*)**

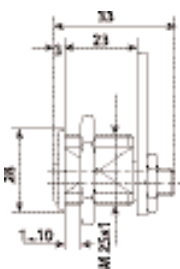
1

(\*) MK (M)

### F9000 CAM CYLINDER.

Without keys

Product description:  
mechatronic version, patented key system, non-duplicable key.  
Plate for inside fixing.



NICKEL

**CSF ISEO**

**87EA23F259 (\*)**

1

(\*) MK (M)

**ISEO**<sup>®</sup>

**CSF GERA.**

**F9**



## CSF ISEO

Code

Code

	ISEO	Customer
<b>KD - KA</b> coded key		
For <b>F9</b> cylinders	80FASKI000	80FASKC000
For <b>F90</b> cylinders	80FCSKI000	80FCSKC000
For <b>F99</b> cylinders	80FDSKI000	80FDSKC000
For <b>F900</b> cylinders	80FMSKI000	80FMSKC000

<b>CK - MK</b> coded key		
For <b>F9</b> cylinders	80FAMKI000	80FAMKC000
For <b>F90</b> cylinders	80FCMKI000	80FCMKC000
For <b>F99</b> cylinders	80FDMKI000	80FDMKC000
For <b>F900</b> cylinders	80FMMKI000	80FMMKC000

<b>GMK</b> coded key		
For <b>F9</b> cylinders	80FAGMKI000	80FAGMKC000
For <b>F90</b> cylinders	80FCGMKI000	80FCGMKC000
For <b>F99</b> cylinders	80FDGMKI000	80FDGMKC000
For <b>F900</b> cylinders	80FMGMKI000	80FMGMKC000

<b>KD - KA</b> coded key <b>future order</b>		
For <b>F9</b> cylinders	80FASKI001	80FASKC001
For <b>F90</b> cylinders	80FCSKI001	80FCSKC001
For <b>F99</b> cylinders	80FDSKI001	80FDSKC001
For <b>F900</b> cylinders	80FMSKI001	80FMSKC001

<b>CK - MK</b> coded key <b>future order</b>		
For <b>F9</b> cylinders	80FAMKI001	80FAMKC001
For <b>F90</b> cylinders	80FCMKI001	80FCMKC001
For <b>F99</b> cylinders	80FDMKI001	80FDMKC001
For <b>F900</b> cylinders	80FMMKI001	80FMMKC001

<b>GMK</b> coded key <b>future order</b>		
For <b>F9</b> cylinders	80FAGMKI001	80FAGMKC001
For <b>F90</b> cylinders	80FCGMKI001	80FCGMKC001
For <b>F99</b> cylinders	80FDGMKI001	80FDGMKC001
For <b>F900</b> cylinders	80FMGMKI001	80FMGMKC001

<b>Blank key for Customer only</b>		
For <b>F9</b> cylinders (200 pcs)		80FAR00000
For <b>F90</b> cylinders (200 pcs)		80FCR00000
For <b>F99</b> cylinders (200 pcs)		80FDR00000
For <b>F900</b> cylinders (200 pcs)		80FMR00000

<b>CSF Property card duplication</b>		4000I-PCZ
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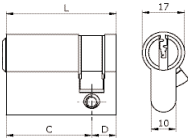
**The numbering on cylinder body is included in the price**

Code  
Single  
package

## F9

**F9 NICKEL-PLATED HALF CYLINDER**, with 6-pin coding, flat key. Protected and registered key profile, nickel-silver key. Antidrill pin in the cylinder body. Stainless steel coding pins. 8-position cam. Fixing screw.

**3 KEYS. PROPERTY CARD .**



NICHELATO

CSF ISEO & Customer

	C + D		KD	KA	CK-MK	GMK-GGMK
<b>L mm. 40</b>	(30+10)	<b>82FA030109</b> (*)	1			
<b>L mm. 45</b>	(35+10)	<b>82FA035109</b> (*)	1			
<b>L mm. 50</b>	(40+10)	<b>82FA040109</b> (*)	1			
<b>L mm. 55</b>	(45+10)	<b>82FA045109</b> (*)	1			
<b>L mm. 60</b>	(50+10)	<b>82FA050109</b> (*)	1			
<b>L mm. 65</b>	(55+10)	<b>82FA055109</b> (*)	1			
<b>L mm. 70</b>	(60+10)	<b>82FA060109</b> (*)	1			
<b>L mm. 75</b>	(65+10)	<b>82FA065109</b> (*)	1			

(\*) KA (8) MK (M)

## F9

**F9 NICKEL-PLATED DOUBLE PROFILE CYLINDER**, with 6-pin coding,  
 flat key. Protected and registered key profile, nickel-silver key.  
 Antidrill pin in the cylinder body. Stainless steel coding pins.  
 DIN 30° cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**



CSF ISEO & Customer

	C + D	NICHELATO	KD	KA	CK-MK	GMK-GGMK
L mm. 56	(28+28)	82FA028289 (*)	1			
L mm. 60	(30+30)	82FA030309 (*)	1			
L mm. 61	(28+33)	82FA028339 (*)	1			
L mm. 63	(28+35)	82FA028359 (*)	1			
L mm. 65	(30+35)	82FA030359 (*)	1			
L mm. 68	(28+40)	82FA028409 (*)	1			
L mm. 70	(30+40)	82FA030409 (*)	1			
	(35+35)	82FA035359 (*)	1			
L mm. 73	(28+45)	82FA028459 (*)	1			
L mm. 75	(30+45)	82FA030459 (*)	1			
	(35+40)	82FA035409 (*)	1			
L mm. 80	(30+50)	82FA030509 (*)	1			
	(35+45)	82FA035459 (*)	1			
	(40+40)	82FA040409 (*)	1			
L mm. 85	(30+55)	82FA030559 (*)	1			
	(35+50)	82FA035509 (*)	1			
	(40+45)	82FA040459 (*)	1			
L mm. 90	(30+60)	82FA030609 (*)	1			
	(35+55)	82FA035559 (*)	1			
	(40+50)	82FA040509 (*)	1			
	(45+45)	82FA045459 (*)	1			
L mm. 95	(30+65)	82FA030659 (*)	1			
	(35+60)	82FA035609 (*)	1			
	(40+55)	82FA040559 (*)	1			
	(45+50)	82FA045509 (*)	1			
L mm. 100	(30+70)	82FA030709 (*)	1			
	(35+65)	82FA035659 (*)	1			
	(40+60)	82FA040609 (*)	1			
	(45+55)	82FA045559 (*)	1			
	(50+50)	82FA050509 (*)	1			
L mm. 105	(30+75)	82FA030759 (*)	1			
	(35+70)	82FA035709 (*)	1			
	(40+65)	82FA040659 (*)	1			
	(45+60)	82FA045609 (*)	1			
	(50+55)	82FA050559 (*)	1			
L mm. 110	(30+80)	82FA030809 (*)	1			
	(35+75)	82FA035759 (*)	1			
	(40+70)	82FA040709 (*)	1			
	(45+65)	82FA045659 (*)	1			
	(50+60)	82FA050609 (*)	1			
	(55+55)	82FA055559 (*)	1			

(\*) KA (8) MK (M)



# F9

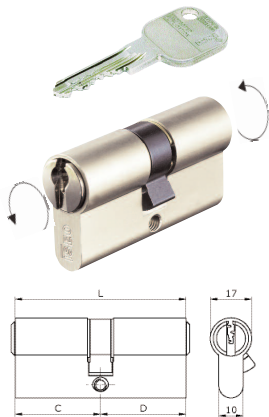
## F9 NICKEL-PLATED DOUBLE PROFILE CYLINDER WITH DOUBLE FUNCTION,

6-pin coding, flat key. Protected and registered key profile, nickel-silver key. Antidrill pin in the cylinder body.

Stainless steel coding pins.

DIN 30° cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**



CSF ISEO & Customer

	C + D	NICHELATO	KD	KA	CK-MK	GMK-GGMK
<b>L mm. 60</b>	(30+30)	<b>82FA930309</b> (*)	1			
<b>L mm. 65</b>	(30+35)	<b>82FA930359</b> (*)	1			
<b>L mm. 70</b>	(30+40)	<b>82FA930409</b> (*)	1			
	(35+35)	<b>82FA935359</b> (*)	1			
<b>L mm. 75</b>	(30+45)	<b>82FA930459</b> (*)	1			
	(35+40)	<b>82FA935409</b> (*)	1			
<b>L mm. 80</b>	(30+50)	<b>82FA930509</b> (*)	1			
	(35+45)	<b>82FA935459</b> (*)	1			
	(40+40)	<b>82FA940409</b> (*)	1			
<b>L mm. 85</b>	(30+55)	<b>82FA930559</b> (*)	1			
	(35+50)	<b>82FA935509</b> (*)	1			
	(40+45)	<b>82FA940459</b> (*)	1			
<b>L mm. 90</b>	(30+60)	<b>82FA930609</b> (*)	1			
	(35+55)	<b>82FA935559</b> (*)	1			
	(40+50)	<b>82FA940509</b> (*)	1			
	(45+45)	<b>82FA945459</b> (*)	1			
<b>L mm. 95</b>	(30+65)	<b>82FA930659</b> (*)	1			
	(35+60)	<b>82FA935609</b> (*)	1			
	(40+55)	<b>82FA940559</b> (*)	1			
	(45+50)	<b>82FA945509</b> (*)	1			
<b>L mm. 100</b>	(30+70)	<b>82FA930709</b> (*)	1			
	(35+65)	<b>82FA935659</b> (*)	1			
	(40+60)	<b>82FA940609</b> (*)	1			
	(45+55)	<b>82FA945559</b> (*)	1			
	(50+50)	<b>82FA950509</b> (*)	1			
<b>L mm. 105</b>	(30+75)	<b>82FA930759</b> (*)	1			
	(35+70)	<b>82FA935709</b> (*)	1			
	(40+65)	<b>82FA940659</b> (*)	1			
	(45+60)	<b>82FA945609</b> (*)	1			
	(50+55)	<b>82FA950559</b> (*)	1			
<b>L mm. 110</b>	(30+80)	<b>82FA930809</b> (*)	1			
	(35+75)	<b>82FA935759</b> (*)	1			
	(40+70)	<b>82FA940709</b> (*)	1			
	(45+65)	<b>82FA945659</b> (*)	1			
	(50+60)	<b>82FA950609</b> (*)	1			
	(55+55)	<b>82FA955559</b> (*)	1			

(\*) KA (8) MK (M)

## F9

### F9 NICKEL-PLATED DOUBLE-PROFILE CYLINDER WITH ROUND KNOB,

6-pin coding, flat key. Protected and registered key profile, nickel-silver key. Antidrill pin in the cylinder body.

Stainless steel coding pins. DIN 30° cam. Fixing screw.

#### 3 KEYS. PROPERTY CARD.




#### CSF ISEO & Customer

	C + D	NICHELATO	KD	KA	CK-MK	GMK-GGMK
<b>L mm. 56</b>	(28+28)	82FA828289 (*)	1			
<b>L mm. 60</b>	(30+30)	82FA830309 (*)	1			
<b>L mm. 61</b>	(28+33)	82FA828339 (*)	1			
		82FA833289 (*)	1			
<b>L mm. 63</b>	(35+28)	82FA835289 (*)	1			
<b>L mm. 65</b>	(30+35)	82FA830359 (*)	1			
	(35+30)	82FA835309 (*)	1			
<b>L mm. 68</b>	(40+28)	82FA840289 (*)	1			
<b>L mm. 70</b>	(30+40)	82FA830409 (*)	1			
	(35+35)	82FA835359 (*)	1			
	(40+30)	82FA840309 (*)	1			
<b>L mm. 73</b>	(45+28)	82FA845289 (*)	1			
<b>L mm. 75</b>	(30+45)	82FA830459 (*)	1			
	(35+40)	82FA835409 (*)	1			
	(40+35)	82FA840359 (*)	1			
	(45+30)	82FA845309 (*)	1			
<b>L mm. 80</b>	(30+50)	82FA830509 (*)	1			
	(35+45)	82FA835459 (*)	1			
	(40+40)	82FA840409 (*)	1			
	(45+35)	82FA845359 (*)	1			
	(50+30)	82FA850309 (*)	1			
<b>L mm. 85</b>	(30+55)	82FA830559 (*)	1			
	(35+50)	82FA835509 (*)	1			
	(40+45)	82FA840459 (*)	1			
	(45+40)	82FA845409 (*)	1			
	(50+35)	82FA850359 (*)	1			
	(55+30)	82FA855309 (*)	1			
<b>L mm. 90</b>	(30+60)	82FA830609 (*)	1			
	(35+55)	82FA835559 (*)	1			
	(40+50)	82FA840509 (*)	1			
	(45+45)	82FA845459 (*)	1			
	(50+40)	82FA850409 (*)	1			
	(55+35)	82FA855359 (*)	1			
	(60+30)	82FA860309 (*)	1			
<b>L mm. 95</b>	(30+65)	82FA830659 (*)	1			
	(35+60)	82FA835609 (*)	1			
	(40+55)	82FA840559 (*)	1			
	(45+50)	82FA845509 (*)	1			
	(50+45)	82FA850459 (*)	1			
	(55+40)	82FA855409 (*)	1			

**F9**

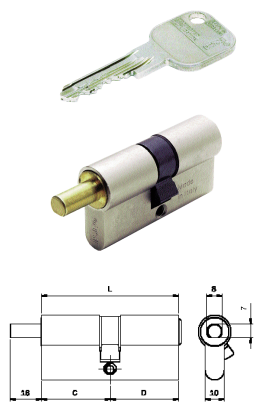
 Code  
Single  
package

			CSF ISEO & Customer			
		NICHELATO	KD	KA	CK-MK	GMK-GGMK
L mm. 95 (60+35)	C + D	82FA860359 (*)	1			
		82FA865309 (*)	1			
L mm. 100 (30+70)		82FA830709 (*)	1			
		82FA835659 (*)	1			
		82FA840609 (*)	1			
		82FA845559 (*)	1			
		82FA850509 (*)	1			
		82FA855459 (*)	1			
		82FA860409 (*)	1			
		82FA865359 (*)	1			
		82FA870309 (*)	1			
		82FA835709 (*)	1			
L mm. 105 (35+70)		82FA840659 (*)	1			
		82FA845609 (*)	1			
		82FA850559 (*)	1			
		82FA855509 (*)	1			
		82FA860459 (*)	1			
		82FA865409 (*)	1			
		82FA870359 (*)	1			
		82FA830809 (*)	1			
		82FA840709 (*)	1			
		82FA845659 (*)	1			
L mm. 110 (30+80)		82FA850609 (*)	1			
		82FA855559 (*)	1			
		82FA860509 (*)	1			
		82FA865459 (*)	1			
		82FA870409 (*)	1			
		82FA880309 (*)	1			

(\*) KA (8) MK (M)

Code  
Single  
package

## F9



### F9 NICKEL-PLATED DOUBLE-PROFILE CYLINDER PRESET FOR KNOB,

6-pin coding, flat key. Protected and registered key profile, nickel-silver key. Antidrill pin in the cylinder body.

Stainless steel coding pins. **D8x16 mm. shaft.**

DIN 30° cam. Fixing screw.

#### 3 KEYS. PROPERTY CARD.

C + D  
**L mm. 56** (28+28)

**L mm. 60** (30+30)

**L mm. 70** (35+35)

**L mm. 80** (40+40)

**L mm. 90** (30+60)



NICHELATO

CSF ISEO & Customer

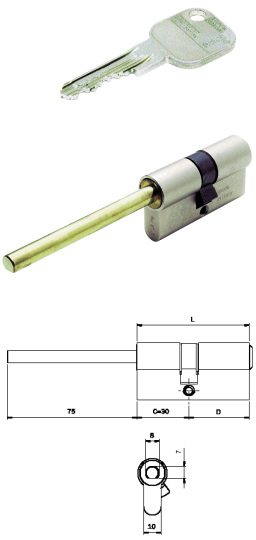
KD

KA

CK-MK

GMK-GGMK

(\*) KA (8) MK (M)



### F9 NICKEL-PLATED DOUBLE-PROFILE CYLINDER PRESET FOR KNOB,

6-pin coding, flat key. Protected and registered key profile, nickel-silver key. Antidrill pin in the cylinder body.

Stainless steel coding pins. **D8x75 mm. shaft.**

DIN 30° cam. Fixing screw.

#### 3 KEYS. PROPERTY CARD.

C + D  
**L mm. 60** (30+30)

**L mm. 65** (30+35)

**L mm. 70** (30+40)

**L mm. 75** (30+45)

**L mm. 80** (30+50)

**L mm. 85** (30+55)

**L mm. 90** (30+60)

**L mm. 95** (30+70)



NICHELATO

CSF ISEO & Customer

KD

KA

CK-MK

GMK-GGMK

(\*) KA (8) MK (M)

Code

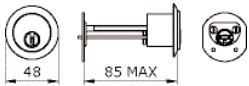
Single  
package

## F9



**F9 RIM CYLINDER D 35**, America type.  
6-pin coding, flat key.  
Protected and registered key profile,  
nickel-silver key.  
Stainless steel coding pins.  
Screws for inside fixing.  
**3 KEYS. PROPERTY CARD.**

for doors with max. thickness mm. 85



CSF ISEO & Customer

NICKEL

KD

KA

CK-MK

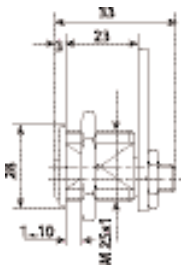
GMK-GGMK

**87FA040859** (\*) 1

(\*) KA (8) MK (M)



**F9 CAM CYLINDER**. 6-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.  
Stainless steel coding pins.  
Plate for inside fixing.  
**3 KEYS. PROPERTY CARD.**



CSF ISEO & Customer

NICKEL

KD

KA

CK-MK

GMK-GGMK

**87FA23F259** (\*) 1

(\*) KA (8) MK (M)

Code  
Single  
package

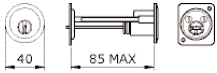
## F9



### F9 RIM CYLINDER

6-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.  
Stainless steel coding pins.  
Plate and screws for inside fixing.

**3 KEYS. PROPERTY CARD.**



for doors with max. thickness mm. 85.

BRASS	CSF ISEO & Customer			
	KD	KA	CK-MK	GMK-GGMK
<b>87FA050857 (*)</b>	1			

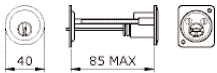
(\*) KA (8) MK (M)



Pair composed of **F9 INTERNAL AND EXTERNAL RIM CYLINDERS.**

6-pin coding, flat key.  
To be used with electric locks 501\*\*\* series.  
Protected and registered key profile, nickel-silver key.  
Stainless steel coding pins.  
Plate and screws for inside fixing.

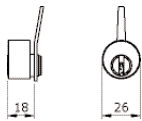
**3 KEYS. PROPERTY CARD.**



for doors with max. thickness mm. 85.

BRASS	CSF ISEO & Customer			
	KD	KA	CK-MK	GMK-GGMK
<b>87FA151857 (*)</b>	1			

(\*) KA (8) MK (M)

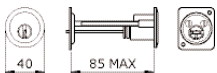


Pair composed of **F9 INTERNAL AND EXTERNAL RIM CYLINDERS.**

6-pin coding, flat key.  
To be used with rim locks 4\*\* series and electric locks 521\* series  
**latch bolt only.** Protected and registered key profile, nickel-silver key.  
Stainless steel coding pins.  
Plate and screws for inside fixing.

**3 KEYS. PROPERTY CARD.**

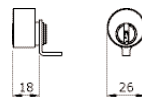
(For series: 421-422-423-424-425-426-441-442  
-483-484-4510-5210-5213-5214)



for doors with max. thickness mm. 85.

BRASS	CSF ISEO & Customer			
	KD	KA	CK-MK	GMK-GGMK
<b>87FA153857 (*)</b>	1			

(\*) KA (8) MK (M)

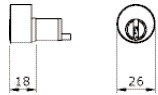
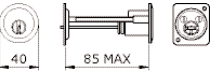


Code  
Single  
package

## F9



Pair composed of **F9 INTERNAL AND EXTERNAL RIM CYLINDERS**.  
6-pin coding, flat key.  
To be used with electric locks with throws 531\*\*\*\* series.  
Protected and registered key profile, nickel-silver key.  
Stainless steel coding pins.  
Plate and screws for inside fixing.  
**3 KEYS. PROPERTY CARD.**



for doors with max. thickness mm. 85.

BRASS	CSF ISEO & Customer			
	KD	KA	CK-MK	GMK-GGMK
<b>87FA155857</b> (*)	1			

(\*) KA (8) MK (M)

### F9 ROUND CYLINDER D 26.



6-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.  
Stainless steel coding pins.  
Screws for inside fixing.  
**3 KEYS. PROPERTY CARD.**



for doors with max. thickness mm. 50

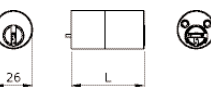
BRASS	CSF ISEO & Customer			
	KD	KA	CK-MK	GMK-GGMK
<b>85FA260507</b> (*)	1			

(\*) KA (8) MK (M)

### Pair composed of F9 INTERNAL AND EXTERNAL ROUND CYLINDERS D 26.



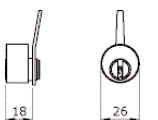
6-pin coding, flat key.  
To be used with electric locks 500\*\*\*- 505\*\*\* series.  
Protected and registered key profile, nickel-silver key.  
Stainless steel coding pins.  
Screws for inside fixing.  
**3 KEYS. PROPERTY CARD.**



for doors with max. thickness mm. 50

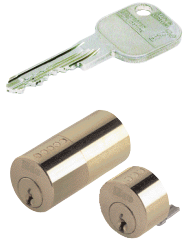
BRASS	CSF ISEO & Customer			
	KD	KA	CK-MK	GMK-GGMK
<b>85FA461507</b> (*)	1			

(\*) KA (8) MK (M)



Code  
Single  
package

## F9



Pair composed of **F9 INTERNAL AND EXTERNAL ROUND CYLINDERS D 26**.

6-pin coding, flat key.

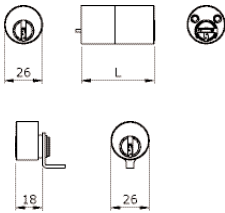
To be used with rim locks and electric locks with latch bolt only.

Protected and registered key profile, nickel-silver key.

Stainless steel coding pins.

Screws for inside fixing.

**3 KEYS. PROPERTY CARD.**



For series (431-432-435-436-437-438-450-451-452-481-482-485-486  
-491-492-493-494-495-496-4250-4210-5950  
4910-4350-5200-5203-5204-5205-5220-5224-5250-5253-5255)

CSF ISEO & Customer

BRASS

KD

KA

CK-MK

GMK-GGMK

for doors with max. thickness mm. 50

**85FA463507 (\*) 1**

(\*) KA (8) MK (M)



Pair composed of **F9 INTERNAL AND EXTERNAL ROUND CYLINDERS D 26**.

6-pin coding, flat key.

To be used with electric locks with throws 531\*\*\*\* series.

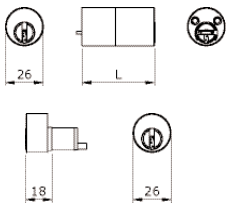
Protected and registered key profile, nickel-silver key.

Stainless steel coding pins.

Screws for inside fixing.

**3 KEYS. PROPERTY CARD.**

(For series 5300-5302-5304-5305-5350-5352)



CSF ISEO & Customer

BRASS

KD

KA

CK-MK

GMK-GGMK

for doors with max. thickness mm. 50

**85FA465507 (\*) 1**

(\*) KA (8) MK (M)



Code  
Single  
package

## F9



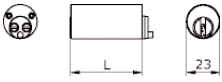
**F9 MORTISE CYLINDER D 26.** 6-pin coding, flat key.  
To be used with rim locks 460-465 series.  
Protected and registered key profile, nickel-silver key.  
Stainless steel coding pins.  
Screws for inside fixing.

**3 KEYS. PROPERTY CARD.**

CSF ISEO & Customer

	BRASS	KD	KA	CK-MK	GMK-GGMK
for doors with max. thickness mm. 37	<b>86FA262377</b> <sup>(*)</sup>	1			
for doors with max. thickness mm. 42	<b>86FA262427</b> <sup>(*)</sup>	1			
for doors with max. thickness mm. 47	<b>86FA262477</b> <sup>(*)</sup>	1			
for doors with max. thickness mm. 52	<b>86FA262527</b> <sup>(*)</sup>	1			
for doors with max. thickness mm. 57	<b>86FA262577</b> <sup>(*)</sup>	1			

(\*) KA (8) MK (M)



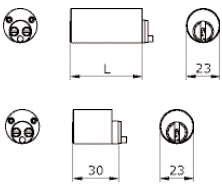
Pair composed of **F9 INTERNAL AND EXTERNAL MORTISE CYLINDERS D 26.**  
6-pin coding, flat key.  
To be used with rim locks 470-475 series.  
Protected and registered key profile, nickel-silver key.  
Stainless steel coding pins.  
Screws for inside fixing.

**3 KEYS. PROPERTY CARD.**

CSF ISEO & Customer

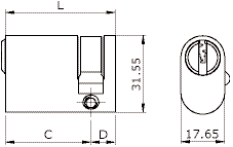
	BRASS	KD	KA	CK-MK	GMK-GGMK
for doors with max. thickness mm. 37	<b>86FA466377</b> <sup>(*)</sup>	1			
for doors with max. thickness mm. 42	<b>86FA466427</b> <sup>(*)</sup>	1			
for doors with max. thickness mm. 47	<b>86FA466477</b> <sup>(*)</sup>	1			
for doors with max. thickness mm. 52	<b>86FA466527</b> <sup>(*)</sup>	1			
for doors with max. thickness mm. 57	<b>86FA466577</b> <sup>(*)</sup>	1			

(\*) KA (8) MK (M)



Code  
Single  
package

## F9



### F9 UK OVAL HALF CYLINDER.

6-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.  
Antidrill pin in the cylinder body. Stainless steel coding pins.  
ISEO 45° projecting cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**

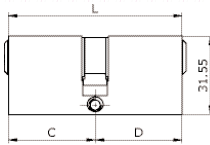
L mm. 40 (30+10)  
L mm. 45 (35+10)  
L mm. 50 (40+10)

NICKEL  
**81FA030109<sup>(\*)</sup>** 1  
**81FA305109<sup>(\*)</sup>** 1  
**81FA040109<sup>(\*)</sup>** 1

CSF ISEO & Customer

KD KA CK-MK GMK-GGMK

(\*) KA (8) MK (M)



### F9 UK OVAL DOUBLE-PROFILE CYLINDER.

6-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.  
Antidrill pin in the cylinder body. Stainless steel coding pins.  
ISEO 45° projecting cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**

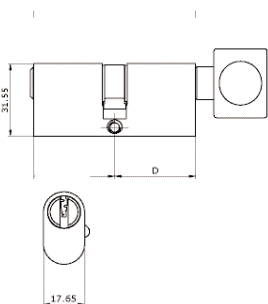
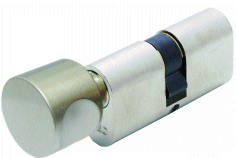
L mm. 60 (30+30)  
L mm. 70 (35+35)  
L mm. 80 (40+40)

NICKEL  
**81FA030309<sup>(\*)</sup>** 1  
**81FA035359<sup>(\*)</sup>** 1  
**81FA040409<sup>(\*)</sup>** 1

CSF ISEO & Customer

KD KA CK-MK GMK-GGMK

(\*) KA (8) MK (M)



### F9 UK OVAL CYLINDER WITH KNOB.

6-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.  
Antidrill pin in the cylinder body. Stainless steel coding pins.  
ISEO 45° projecting cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**

L mm. 60 (30+30)  
L mm. 70 (35+35)  
L mm. 80 (40+40)

NICKEL  
**81FA830309<sup>(\*)</sup>** 1  
**81FA835359<sup>(\*)</sup>** 1  
**81FA840409<sup>(\*)</sup>** 1

CSF ISEO & Customer

KD KA CK-MK GMK-GGMK

(\*) KA (8) MK (M)

**ISEO**<sup>®</sup>

**CSF GERA.**

**F90**



## CSF ISEO

Code

Code

	ISEO	Customer
<b>KD - KA</b> coded key		
For <b>F9</b> cylinders	80FASKI000	80FASKC000
For <b>F90</b> cylinders	80FCSKI000	80FCSKC000
For <b>F99</b> cylinders	80FDSKI000	80FDSKC000
For <b>F900</b> cylinders	80FMSKI000	80FMSKC000
<b>CK - MK</b> coded key		
For <b>F9</b> cylinders	80FAMKI000	80FAMKC000
For <b>F90</b> cylinders	80FCMKI000	80FCMKC000
For <b>F99</b> cylinders	80FDMKI000	80FDMKC000
For <b>F900</b> cylinders	80FMMKI000	80FMMKC000
<b>GMK</b> coded key		
For <b>F9</b> cylinders	80FAGMKI000	80FAGMKC000
For <b>F90</b> cylinders	80FCGMKI000	80FCGMKC000
For <b>F99</b> cylinders	80FDGMKI000	80FDGMKC000
For <b>F900</b> cylinders	80FMGMKI000	80FMGMKC000
<b>KD - KA</b> coded key <b>future order</b>		
For <b>F9</b> cylinders	80FASKI001	80FASKC001
For <b>F90</b> cylinders	80FCSKI001	80FCSKC001
For <b>F99</b> cylinders	80FDSKI001	80FDSKC001
For <b>F900</b> cylinders	80FMSKI001	80FMSKC001
<b>CK - MK</b> coded key <b>future order</b>		
For <b>F9</b> cylinders	80FAMKI001	80FAMKC001
For <b>F90</b> cylinders	80FCMKI001	80FCMKC001
For <b>F99</b> cylinders	80FDMKI001	80FDMKC001
For <b>F900</b> cylinders	80FMMKI001	80FMMKC001
<b>GMK</b> coded key <b>future order</b>		
For <b>F9</b> cylinders	80FAGMKI001	80FAGMKC001
For <b>F90</b> cylinders	80FCGMKI001	80FCGMKC001
For <b>F99</b> cylinders	80FDGMKI001	80FDGMKC001
For <b>F900</b> cylinders	80FMGMKI001	80FMGMKC001
<b>Blank key for Customer only</b>		
For <b>F9</b> cylinders (200 pcs)		80FAR00000
For <b>F90</b> cylinders (200 pcs)		80FCR00000
For <b>F99</b> cylinders (200 pcs)		80FDR00000
For <b>F900</b> cylinders (200 pcs)		80FMR00000
<b>CSF Property card duplication</b>		4000I-PCZ

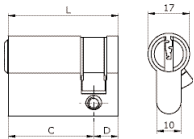
**The numbering on cylinder body is included in the price**

## F90



**F90 NICKEL-PLATED HALF CYLINDER**, with 10-pin coding, flat key. Protected and registered key profile, nickel-silver key. Antidrill pin in the cylinder body and barrel. Stainless steel coding and lateral pins. 8-position cam. Fixing screw.

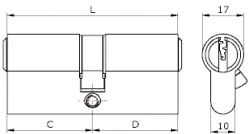
**3 KEYS. PROPERTY CARD.**



		CSF ISEO & Customer				
	C + D	NICHELATO	KD	KA	CK-MK	GMK-GGMK
<b>L mm.40</b>	(30+10)	<b>82FC030109</b> (*)	1			
<b>L mm.45</b>	(35+10)	<b>82FC035109</b> (*)	1			
<b>L mm.50</b>	(40+10)	<b>82FC040109</b> (*)	1			
<b>L mm.55</b>	(45+10)	<b>82FC045109</b> (*)	1			
<b>L mm.60</b>	(50+10)	<b>82FC050109</b> (*)	1			
<b>L mm.65</b>	(55+10)	<b>82FC055109</b> (*)	1			
<b>L mm.70</b>	(60+10)	<b>82FC060109</b> (*)	1			
<b>L mm.75</b>	(65+10)	<b>82FC065109</b> (*)	1			

(\*) KA (8) MK (M)

# F90



**F90 NICKEL-PLATED DOUBLE PROFILE CYLINDER**, with 10-pin coding,,  
 flat key. Protected and registered key profile, nickel-silver key.  
 Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins. DIN 30° cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**



CSF ISEO & Customer

	C + D	NICHELATO	KD	KA	CK-MK	GMK-GGMK
<b>L mm.56</b>	(28+28)	82FC028289 (*)	1			
<b>L mm.60</b>	(30+30)	82FC030309 (*)	1			
<b>L mm.61</b>	(28+33)	82FC028339 (*)	1			
<b>L mm.63</b>	(28+35)	82FC028359 (*)	1			
<b>L mm.65</b>	(30+35)	82FC030359 (*)	1			
<b>L mm.68</b>	(28+40)	82FC028409 (*)	1			
<b>L mm.70</b>	(30+40)	82FC030409 (*)	1			
	(35+35)	82FC035359 (*)	1			
<b>L mm.73</b>	(28+45)	82FC028459 (*)	1			
<b>L mm.75</b>	(30+45)	82FC030459 (*)	1			
	(35+40)	82FC035409 (*)	1			
<b>L mm.80</b>	(30+50)	82FC030509 (*)	1			
	(35+45)	82FC035459 (*)	1			
	(40+40)	82FC040409 (*)	1			
<b>L mm.85</b>	(30+55)	82FC030559 (*)	1			
	(35+50)	82FC035509 (*)	1			
	(40+45)	82FC040459 (*)	1			
<b>L mm.90</b>	(30+60)	82FC030609 (*)	1			
	(35+55)	82FC035559 (*)	1			
	(40+50)	82FC040509 (*)	1			
	(45+45)	82FC045459 (*)	1			
<b>L mm.95</b>	(30+65)	82FC030659 (*)	1			
	(35+60)	82FC035609 (*)	1			
	(40+55)	82FC040559 (*)	1			
	(45+50)	82FC045509 (*)	1			
<b>L mm.100</b>	(30+70)	82FC030709 (*)	1			
	(35+65)	82FC035659 (*)	1			
	(40+60)	82FC040609 (*)	1			
	(45+55)	82FC045559 (*)	1			
	(50+50)	82FC050509 (*)	1			
<b>L mm.105</b>	(30+75)	82FC030759 (*)	1			
	(35+70)	82FC035709 (*)	1			
	(40+65)	82FC040659 (*)	1			
	(45+60)	82FC045609 (*)	1			
	(50+55)	82FC050559 (*)	1			
<b>L mm.110</b>	(30+80)	82FC030809 (*)	1			
	(35+75)	82FC035759 (*)	1			
	(40+70)	82FC040709 (*)	1			
	(45+65)	82FC045659 (*)	1			
	(50+60)	82FC050609 (*)	1			
	(55+55)	82FC055559 (*)	1			

(\*) KA (8) MK (M)

# F90

## F90 NICKEL-PLATED DOUBLE PROFILE CYLINDER WITH DOUBLE FUNCTION,

with 10-pin coding, flat key.

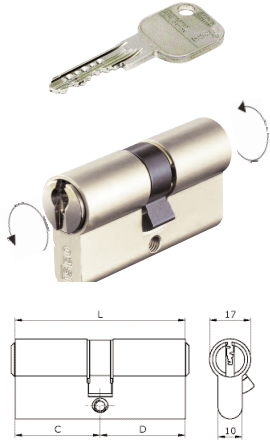
Protected and registered key profile, nickel-silver key.

Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins.

DIN 30° cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**



CSF ISEO & Customer

C + D		NICHELATO	KD	KA	CK-MK	GMK-GGMK
<b>L mm.60</b>	(30+30)	82FC930309 (*)	1			
<b>L mm.65</b>	(30+35)	82FC930359 (*)	1			
<b>L mm.70</b>	(30+40)	82FC930409 (*)	1			
	(35+35)	82FC935359 (*)	1			
<b>L mm.75</b>	(30+45)	82FC930459 (*)	1			
	(35+40)	82FC935409 (*)	1			
<b>L mm.80</b>	(30+50)	82FC930509 (*)	1			
	(35+45)	82FC935459 (*)	1			
	(40+40)	82FC940409 (*)	1			
<b>L mm.85</b>	(30+55)	82FC930559 (*)	1			
	(35+50)	82FC935509 (*)	1			
	(40+45)	82FC940459 (*)	1			
<b>L mm.90</b>	(30+60)	82FC930609 (*)	1			
	(35+55)	82FC935559 (*)	1			
	(40+50)	82FC940509 (*)	1			
	(45+45)	82FC945459 (*)	1			
<b>L mm.95</b>	(30+65)	82FC930659 (*)	1			
	(35+60)	82FC935609 (*)	1			
	(40+55)	82FC940559 (*)	1			
	(45+50)	82FC945509 (*)	1			
<b>L mm.100</b>	(30+70)	82FC930709 (*)	1			
	(35+65)	82FC935659 (*)	1			
	(40+60)	82FC940609 (*)	1			
	(45+55)	82FC945559 (*)	1			
	(50+50)	82FC950509 (*)	1			
<b>L mm.105</b>	(30+75)	82FC930759 (*)	1			
	(35+70)	82FC935709 (*)	1			
	(40+65)	82FC940659 (*)	1			
	(45+60)	82FC945609 (*)	1			
	(50+55)	82FC950559 (*)	1			
<b>L mm.110</b>	(30+80)	82FC930809 (*)	1			
	(35+75)	82FC935759 (*)	1			
	(40+70)	82FC940709 (*)	1			
	(45+65)	82FC945659 (*)	1			
	(50+60)	82FC950609 (*)	1			
	(55+55)	82FC955559 (*)	1			

(\*) KA (8) MK (M)

## F90



### F90 NICKEL-PLATED DOUBLE-PROFILE CYLINDER WITH ROUND KNOB,

with 10-pin coding, flat key.

Protected and registered key profile, nickel-silver key.

Antidrill pin in the cylinder body and barrel.

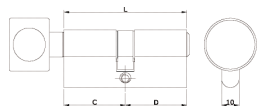
Stainless steel coding and lateral pins.

DIN 30° cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**



CSF ISEO & Customer




C + D		NICHELATO	KD	KA	CK-MK	GMK-GGMK
<b>L mm.56</b>	(28+28)	<b>82FC828289</b> (*)	1			
<b>L mm.60</b>	(30+30)	<b>82FC830309</b> (*)	1			
<b>L mm.61</b>	(28+33)	<b>82FC828339</b> (*)	1			
	(33+28)	<b>82FC833289</b> (*)	1			
<b>L mm.63</b>	(35+28)	<b>82FC835289</b> (*)	1			
<b>L mm.65</b>	(30+35)	<b>82FC835309</b> (*)	1			
	(35+30)	<b>82FC835309</b> (*)	1			
<b>L mm.68</b>	(40+28)	<b>82FC840289</b> (*)	1			
<b>L mm.70</b>	(30+40)	<b>82FC830409</b> (*)	1			
	(35+35)	<b>82FC835359</b> (*)	1			
	(40+30)	<b>82FC840309</b> (*)	1			
<b>L mm.73</b>	(45+28)	<b>82FC845289</b> (*)	1			
<b>L mm.75</b>	(30+45)	<b>82FC830459</b> (*)	1			
	(35+40)	<b>82FC835409</b> (*)	1			
	(40+35)	<b>82FC840359</b> (*)	1			
	(45+30)	<b>82FC845309</b> (*)	1			
<b>L mm.80</b>	(30+50)	<b>82FC830509</b> (*)	1			
	(35+45)	<b>82FC835459</b> (*)	1			
	(40+40)	<b>82FC840409</b> (*)	1			
	(45+35)	<b>82FC845359</b> (*)	1			
	(50+30)	<b>82FC850309</b> (*)	1			
<b>L mm.85</b>	(30+55)	<b>82FC830559</b> (*)	1			
	(35+50)	<b>82FC835509</b> (*)	1			
	(40+45)	<b>82FC840459</b> (*)	1			
	(45+40)	<b>82FC845409</b> (*)	1			
	(50+35)	<b>82FC850359</b> (*)	1			
	(55+30)	<b>82FC855309</b> (*)	1			
<b>L mm.90</b>	(30+60)	<b>82FC830609</b> (*)	1			
	(35+55)	<b>82FC835559</b> (*)	1			
	(40+50)	<b>82FC840509</b> (*)	1			
	(45+45)	<b>82FC845459</b> (*)	1			
	(50+40)	<b>82FC850409</b> (*)	1			
	(55+35)	<b>82FC855359</b> (*)	1			
	(60+30)	<b>82FC860309</b> (*)	1			
<b>L mm.95</b>	(30+65)	<b>82FC830659</b> (*)	1			
	(35+60)	<b>82FC835609</b> (*)	1			
	(40+55)	<b>82FC840559</b> (*)	1			
	(45+50)	<b>82FC845509</b> (*)	1			
	(50+45)	<b>82FC850459</b> (*)	1			



Code  
Single  
package

## F90

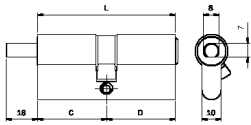
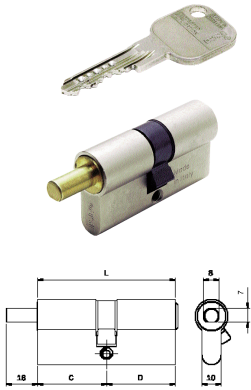
			CSF ISEO & Customer			
	C + D	NICHELATO	KD	KA	CK-MK	GMK-GGMK
<b>L mm.95</b>	(55+40)	82FC855409 (*)	1			
	(60+35)	82FC860359 (*)	1			
	(65+30)	82FC865309 (*)	1			
<b>L mm.100</b>	(30+70)	82FC830709 (*)	1			
	(35+65)	82FC835659 (*)	1			
	(40+60)	82FC840609 (*)	1			
	(45+55)	82FC845559 (*)	1			
	(50+50)	82FC850509 (*)	1			
	(55+45)	82FC855459 (*)	1			
	(60+40)	82FC860409 (*)	1			
	(65+35)	82FC865359 (*)	1			
	(70+30)	82FC870309 (*)	1			
	<b>L mm.105</b>	(35+70)	82FC835709 (*)	1		
(40+65)		82FC840659 (*)	1			
(45+60)		82FC845609 (*)	1			
(50+55)		82FC850559 (*)	1			
(55+50)		82FC855509 (*)	1			
(60+45)		82FC860459 (*)	1			
(65+40)		82FC865409 (*)	1			
(70+35)		82FC870359 (*)	1			
<b>L mm.110</b>	(30+80)	82FC830809 (*)	1			
	(40+70)	82FC840709 (*)	1			
	(45+65)	82FC845659 (*)	1			
	(50+60)	82FC850609 (*)	1			
	(55+55)	82FC855559 (*)	1			
	(60+50)	82FC860509 (*)	1			
	(65+45)	82FC865459 (*)	1			
	(70+40)	82FC870409 (*)	1			
	(80+30)	82FC880309 (*)	1			

(\*) KA (8) MK (M)

## F90

### F90 NICKEL-PLATED DOUBLE-PROFILE CYLINDER PRESET FOR KNOB,

with 10-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.  
Antidrill pin in the cylinder body and barrel.  
Stainless steel coding and lateral pins.  
**D8x16 mm. shaft.** DIN 30° cam. Fixing screw.  
**3 KEYS. PROPERTY CARD.**

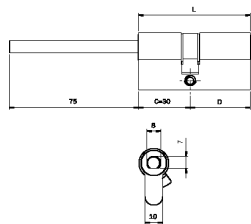


C + D		NICHELATO	CSF ISEO & Customer			
L mm.	(C+D)		KD	KA	CK-MK	GMK-GGMK
L mm. 56	(28+28)	82FC628289 (*)	1			
L mm. 60	(30+30)	82FC630309 (*)	1			
L mm. 70	(35+35)	82FC635359 (*)	1			
L mm. 80	(40+40)	82FC640409 (*)	1			
L mm. 90	(30+60)	82FC630609 (*)	1			

(\*) KA (8) MK (M)

### F90 NICKEL-PLATED DOUBLE-PROFILE CYLINDER PRESET FOR KNOB,

with 10-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.  
Antidrill pin in the cylinder body and barrel.  
Stainless steel coding and lateral pins.  
**D8x75 mm. shaft.** DIN 30° cam. Fixing screw.  
**3 KEYS. PROPERTY CARD.**



C + D		NICHELATO	CSF ISEO & Customer			
L mm.	(C+D)		KD	KA	CK-MK	GMK-GGMK
L mm. 60	(30+30)	82FC6D0309 (*)	1			
L mm. 65	(30+35)	82FC6D0359 (*)	1			
L mm. 70	(30+40)	82FC6D0409 (*)	1			
L mm. 75	(30+45)	82FC6D0459 (*)	1			
L mm. 80	(30+50)	82FC6D0509 (*)	1			
L mm. 85	(30+55)	82FC6D0559 (*)	1			
L mm. 90	(30+60)	82FC6D0609 (*)	1			
L mm. 95	(30+70)	82FC6D0659 (*)	1			

(\*) KA (8) MK (M)

Code  
Single  
package

## F90

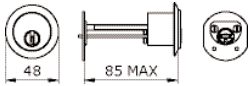


**F90 RIM CYLINDER D 35**, America type.  
10-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.

**WITH ANTI-DUPLICATION CYLINDRICAL DRILL**

Antidrill pin in the cylinder body and barrel.  
Stainless steel coding and lateral pins.  
Screws for inside fixing.

**3 KEYS. PROPERTY CARD.**



for doors with max. thickness mm. 85

**CSF ISEO & Customer**

NICKEL	KD	KA	CK-MK	GMK-GGMK
<b>87FC040859 (*) 1</b>				

(\*) KA (8) MK (M)

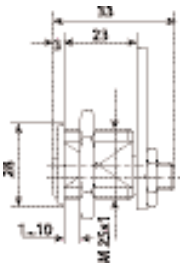


**F90 CAM CYLINDER.** 10-pin coding,  
flat key. Protected and registered key profile, nickel-silver key.

**WITH ANTI-DUPLICATION CYLINDRICAL DRILL**

Antidrill pin in the cylinder body and barrel.  
Stainless steel coding and lateral pins.  
Plate for inside fixing.

**3 KEYS. PROPERTY CARD..**



**CSF ISEO & Customer**

NICKEL	KD	KA	CK-MK	GMK-GGMK
<b>87FC23F259 (*) 1</b>				

(\*) KA (8) MK (M)

Code  
Single  
package

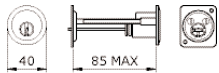
## F90



### F90 RIM CYLINDER.

10-pin coding, flat key.  
Protected and registered key profile,  
nickel-silver key.  
Stainless steel coding and lateral pins.  
Plate and screws for inside fixing.

**3 KEYS. PROPERTY CARD.**



for doors with max. thickness mm. 85.

BRASS	CSF ISEO & Customer			
	KD	KA	CK-MK	GMK-GGMK
<b>87FC050857</b> (*)	1			

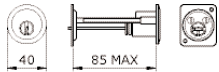
(\*) KA (8) MK (M)



### Pair composed of F90 INTERNAL AND EXTERNAL RIM CYLINDERS.

To be used with electric locks 501\*\*\* series.  
10-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.  
Stainless steel coding and lateral pins.  
Plate and screws for inside fixing.

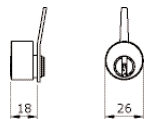
**3 KEYS. PROPERTY CARD.**



for doors with max. thickness mm. 85.

BRASS	CSF ISEO & Customer			
	KD	KA	CK-MK	GMK-GGMK
<b>87FC151857</b> (*)	1			

(\*) KA (8) MK (M)

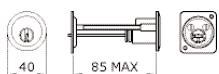


### Pair composed of F90 INTERNAL AND EXTERNAL RIM CYLINDERS.

10-pin coding, flat key.  
To be used with rim locks 4\*\* series and  
electric locks 521\* series **latch bolt only**.  
Protected and registered key profile, nickel-silver key.  
Stainless steel coding and lateral pins.  
Plate and screws for inside fixing.

**3 KEYS. PROPERTY CARD.**

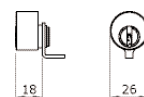
(For series: 421-422-423-424-425-426-441-442  
-483-484-4510-5210-5213-5214



for doors with max. thickness mm. 85.

BRASS	CSF ISEO & Customer			
	KD	KA	CK-MK	GMK-GGMK
<b>87FC153857</b> (*)	1			

(\*) KA (8) MK (M)



Code  
Single  
package

## F90



Pair composed of **F90 INTERNAL AND EXTERNAL RIM CYLINDERS.**

10-pin coding, flat key.

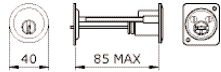
To be used with electric locks with throws 531\*\*\*\* series.

Protected and registered key profile, nickel-silver key.

Stainless steel coding and lateral pins.

Plate and screws for inside fixing.

**3 KEYS. PROPERTY CARD.**



for doors with max. thickness mm. 85.

BRASS

CSF ISEO & Customer

KD

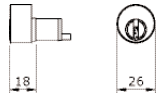
KA

CK-MK

GMK-GGMK

**87FC155857<sup>(\*)</sup>** 1

(\*) KA (8) MK (M)



### F90 ROUND CYLINDER D 26.

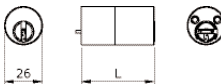
10-pin coding, flat key.

Protected and registered key profile, nickel-silver key.

Stainless steel coding and lateral pins.

Screws for inside fixing.

**3 KEYS. PROPERTY CARD.**



for doors with max. thickness mm. 50

BRASS

CSF ISEO & Customer

KD

KA

CK-MK

GMK-GGMK

**85FC260507<sup>(\*)</sup>** 1

(\*) KA (8) MK (M)

Pair composed of **F90 INTERNAL AND EXTERNAL ROUND CYLINDERS D 26.**

To be used with electric locks 500\*\*\*- 505\*\*\* series.

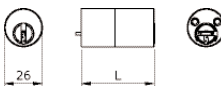
10-pin coding, flat key.

Protected and registered key profile, nickel-silver key.

Stainless steel coding and lateral pins.

Screws for inside fixing.

**3 KEYS. PROPERTY CARD.**



for doors with max. thickness mm. 50

BRASS

CSF ISEO & Customer

KD

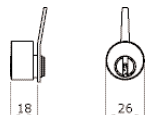
KA

CK-MK

GMK-GGMK

**85FC461507<sup>(\*)</sup>** 1

(\*) KA (8) MK (M)



Code  
Single  
package

## F90



Pair composed of **F90 INTERNAL AND EXTERNAL ROUND CYLINDERS D 26**.

To be used with rim locks and electric locks with **latch bolt only**.

10-pin coding, flat key.

Protected and registered key profile, nickel-silver key.

Stainless steel coding and lateral pins.

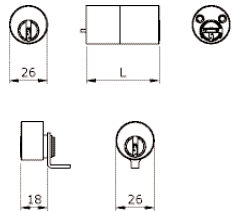
Screws for inside fixing.

**3 KEYS. PROPERTY CARD.**

For series (431-432-435-436-437-438-450-451-452-481-482-485-486

-491-492-493-494-495-496-4250-4210-5950

4910-4350-5200-5203-5204-5205-5220-5224-5250-5253-5255)



for doors with max. thickness mm. 50

BRASS

CSF ISEO & Customer

KD KA CK-MK GMK-GGMK

**85FC463507<sup>(\*)</sup>** 1

(\*) KA (8) MK (M)



Pair composed of **F90 INTERNAL AND EXTERNAL ROUND CYLINDERS D 26**.

To be used with electric locks with throws 531\*\*\* series.

10-pin coding, flat key.

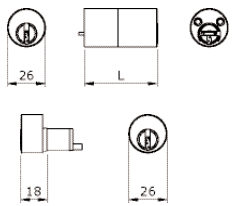
Protected and registered key profile, nickel-silver key.

Stainless steel coding and lateral pins.

Screws for inside fixing.

**3 KEYS. PROPERTY CARD.**

(For series 5300-5302-5304-5305-5350-5352)



for doors with max. thickness mm. 50

BRASS

CSF ISEO & Customer

KD KA CK-MK GMK-GGMK

**85FC465507<sup>(\*)</sup>** 1

(\*) KA (8) MK (M)

Code  
Single  
package

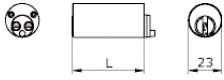
## F90



### F90 MORTISE CYLINDER D 26.

To be used with rim locks 460-465 series.  
10-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.  
Stainless steel coding and lateral pins.  
Screws for inside fixing.

#### 3 KEYS. PROPERTY CARD.



for doors with max. thickness mm. 37  
for doors with max. thickness mm. 42  
for doors with max. thickness mm. 47  
for doors with max. thickness mm. 52  
for doors with max. thickness mm. 57

BRASS

CSF ISEO & Customer

	BRASS	KD	KA	CK-MK	GMK-GGMK
for doors with max. thickness mm. 37	<b>86FC262377<sup>(*)</sup></b>	1			
for doors with max. thickness mm. 42	<b>86FC262427<sup>(*)</sup></b>	1			
for doors with max. thickness mm. 47	<b>86FC262477<sup>(*)</sup></b>	1			
for doors with max. thickness mm. 52	<b>86FC262527<sup>(*)</sup></b>	1			
for doors with max. thickness mm. 57	<b>86FC262577<sup>(*)</sup></b>	1			

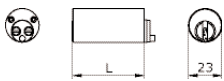
(\*) KA (8) MK (M)



### Pair composed of F90 INTERNAL AND EXTERNAL MORTISE CYLINDERS D 26.

To be used with rim locks 470-475 series.  
10-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.  
Stainless steel coding and lateral pins.  
Screws for inside fixing.

#### 3 KEYS. PROPERTY CARD.



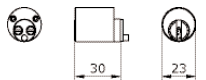
for doors with max. thickness mm. 37  
for doors with max. thickness mm. 42  
for doors with max. thickness mm. 47  
for doors with max. thickness mm. 52  
for doors with max. thickness mm. 57

BRASS

CSF ISEO & Customer

	BRASS	KD	KA	CK-MK	GMK-GGMK
for doors with max. thickness mm. 37	<b>86FC466377<sup>(*)</sup></b>	1			
for doors with max. thickness mm. 42	<b>86FC466427<sup>(*)</sup></b>	1			
for doors with max. thickness mm. 47	<b>86FC466477<sup>(*)</sup></b>	1			
for doors with max. thickness mm. 52	<b>86FC466527<sup>(*)</sup></b>	1			
for doors with max. thickness mm. 57	<b>86FC466577<sup>(*)</sup></b>	1			

(\*) KA (8) MK (M)

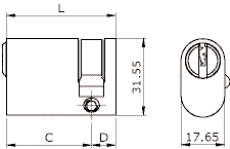


## F90

### F90 UK OVAL HALF CYLINDER.

10-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.  
Antidrill pin in the cylinder body and barrel.  
Stainless steel coding and lateral pins.  
ISEO 45° projecting cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**



L mm. 40 (30+10)  
L mm. 45 (35+10)  
L mm. 50 (40+10)

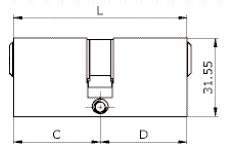
CSF ISEO & Customer				
NICKEL	KD	KA	CK-MK	GMK-GGMK
<b>81FC030109<sup>(*)</sup></b>	1			
<b>81FC035109<sup>(*)</sup></b>	1			
<b>81FC040109<sup>(*)</sup></b>	1			

(\*) KA (8) MK (M)

### F90 UK OVAL DOUBLE-PROFILE CYLINDER.

10-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.  
Antidrill pin in the cylinder body and barrel.  
Stainless steel coding and lateral pins.  
ISEO 45° projecting cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**



L mm. 60 (30+30)  
L mm. 70 (35+35)  
L mm. 80 (40+40)

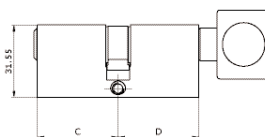
CSF ISEO & Customer				
NICKEL	KD	KA	CK-MK	GMK-GGMK
<b>81FC030309<sup>(*)</sup></b>	1			
<b>81FC035359<sup>(*)</sup></b>	1			
<b>81FC040409<sup>(*)</sup></b>	1			

(\*) KA (8) MK (M)

### F90 UK OVAL CYLINDER WITH KNOB.

10-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.  
Antidrill pin in the cylinder body and barrel.  
Stainless steel coding and lateral pins.  
ISEO 45° projecting cam. Fixing screw.

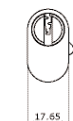
**3 KEYS. PROPERTY CARD.**



L mm. 60 (30+30)  
L mm. 70 (35+35)  
L mm. 80 (40+40)

CSF ISEO & Customer				
NICKEL	KD	KA	CK-MK	GMK-GGMK
<b>81FC830309<sup>(*)</sup></b>	1			
<b>81FC835359<sup>(*)</sup></b>	1			
<b>81FC840409<sup>(*)</sup></b>	1			

(\*) KA (8) MK (M)





**ISEO**<sup>®</sup>

**CSF GERA.**

**F99**



## CSF ISEO

Code

Code

	ISEO	Customer
<b>KD - KA</b> coded key		
For <b>F9</b> cylinders	80FASKI000	80FASKC000
For <b>F90</b> cylinders	80FCSKI000	80FCSKC000
For <b>F99</b> cylinders	80FDSKI000	80FDSKC000
For <b>F900</b> cylinders	80FMSKI000	80FMSKC000
<b>CK - MK</b> coded key		
For <b>F9</b> cylinders	80FAMKI000	80FAMKC000
For <b>F90</b> cylinders	80FCMKI000	80FCMKC000
For <b>F99</b> cylinders	80FDMKI000	80FDMKC000
For <b>F900</b> cylinders	80FMMKI000	80FMMKC000
<b>GMK</b> coded key		
For <b>F9</b> cylinders	80FAGMKI000	80FAGMKC000
For <b>F90</b> cylinders	80FCGMKI000	80FCGMKC000
For <b>F99</b> cylinders	80FDGMKI000	80FDGMKC000
For <b>F900</b> cylinders	80FMGMKI000	80FMGMKC000
<b>KD - KA</b> coded key <b>future order</b>		
For <b>F9</b> cylinders	80FASKI001	80FASKC001
For <b>F90</b> cylinders	80FCSKI001	80FCSKC001
For <b>F99</b> cylinders	80FDSKI001	80FDSKC001
For <b>F900</b> cylinders	80FMSKI001	80FMSKC001
<b>CK - MK</b> coded key <b>future order</b>		
For <b>F9</b> cylinders	80FAMKI001	80FAMKC001
For <b>F90</b> cylinders	80FCMKI001	80FCMKC001
For <b>F99</b> cylinders	80FDMKI001	80FDMKC001
For <b>F900</b> cylinders	80FMMKI001	80FMMKC001
<b>GMK</b> coded key <b>future order</b>		
For <b>F9</b> cylinders	80FAGMKI001	80FAGMKC001
For <b>F90</b> cylinders	80FCGMKI001	80FCGMKC001
For <b>F99</b> cylinders	80FDGMKI001	80FDGMKC001
For <b>F900</b> cylinders	80FMGMKI001	80FMGMKC001
<b>Blank key for Customer only</b>		
For <b>F9</b> cylinders (200 pcs)		80FAR00000
For <b>F90</b> cylinders (200 pcs)		80FCR00000
For <b>F99</b> cylinders (200 pcs)		80FDR00000
For <b>F900</b> cylinders (200 pcs)		80FMR00000
<b>CSF Property card duplication</b>		4000I-PCZ

The numbering on cylinder body is included in the price

Code

Single  
package

## F99



**F99 NICKEL-PLATED HALF CYLINDER**, 10-pin coding, flat key. Protected and registered key profile, nickel-silver key.

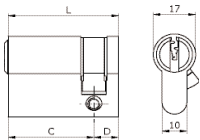
**WITH ANTI-DUPLICATION CYLINDRICAL DRILL**

Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins.

8-position cam. Fixing screw.

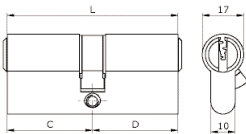
**3 KEYS. PROPERTY CARD.**



		CSF ISEO & Customer				
		NICKEL	KD	KA	CK-MK	GMK-GGMK
	C + D					
<b>L mm.40</b>	(30+10)	<b>82FD030109</b> (*)	1			
<b>L mm.45</b>	(35+10)	<b>82FD035109</b> (*)	1			
<b>L mm.50</b>	(40+10)	<b>82FD040109</b> (*)	1			
<b>L mm.55</b>	(45+10)	<b>82FD045109</b> (*)	1			
<b>L mm.60</b>	(50+10)	<b>82FD050109</b> (*)	1			
<b>L mm.65</b>	(55+10)	<b>82FD055109</b> (*)	1			
<b>L mm.70</b>	(60+10)	<b>82FD060109</b> (*)	1			
<b>L mm.75</b>	(65+10)	<b>82FD065109</b> (*)	1			

(\*) KA (8) MK (M)

# F99



**F99 NICKEL-PLATED DOUBLE PROFILE CYLINDER**, 10-pin coding,  
 flat key. Protected and registered key profile, nickel-silver key.

**WITH ANTI-DUPLICATION CYLINDRICAL DRILL.** Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins. DIN 30° cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**

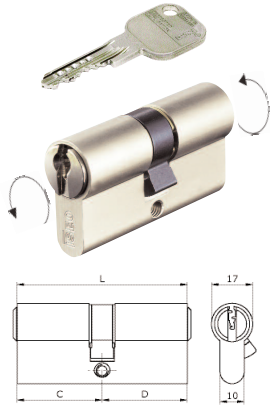


CSF ISEO & Customer

	C + D	NICKEL	KD	KA	CK-MK	GMK-GGMK
<b>L mm.56</b>	(28+28)	<b>82FD028289</b> (*)	1			
<b>L mm.60</b>	(30+30)	<b>82FD030309</b> (*)	1			
<b>L mm.61</b>	(28+33)	<b>82FD028339</b> (*)	1			
<b>L mm.63</b>	(28+35)	<b>82FD028359</b> (*)	1			
<b>L mm.65</b>	(30+35)	<b>82FD030359</b> (*)	1			
<b>L mm.68</b>	(28+40)	<b>82FD028409</b> (*)	1			
<b>L mm.70</b>	(30+40)	<b>82FD030409</b> (*)	1			
	(35+35)	<b>82FD035359</b> (*)	1			
<b>L mm.73</b>	(28+45)	<b>82FD028459</b> (*)	1			
<b>L mm.75</b>	(30+45)	<b>82FD030459</b> (*)	1			
	(35+40)	<b>82FD035409</b> (*)	1			
<b>L mm.80</b>	(30+50)	<b>82FD030509</b> (*)	1			
	(35+45)	<b>82FD035459</b> (*)	1			
	(40+40)	<b>82FD040409</b> (*)	1			
<b>L mm.85</b>	(30+55)	<b>82FD030559</b> (*)	1			
	(35+50)	<b>82FD035509</b> (*)	1			
	(40+45)	<b>82FD040459</b> (*)	1			
<b>L mm.90</b>	(30+60)	<b>82FD030609</b> (*)	1			
	(35+55)	<b>82FD035559</b> (*)	1			
	(40+50)	<b>82FD040509</b> (*)	1			
	(45+45)	<b>82FD045459</b> (*)	1			
<b>L mm.95</b>	(30+65)	<b>82FD030659</b> (*)	1			
	(35+60)	<b>82FD035609</b> (*)	1			
	(40+55)	<b>82FD040559</b> (*)	1			
	(45+50)	<b>82FD045509</b> (*)	1			
<b>L mm.100</b>	(30+70)	<b>82FD030709</b> (*)	1			
	(35+65)	<b>82FD035659</b> (*)	1			
	(40+60)	<b>82FD040609</b> (*)	1			
	(45+55)	<b>82FD045559</b> (*)	1			
	(50+50)	<b>82FD050509</b> (*)	1			
<b>L mm.105</b>	(30+75)	<b>82FD030759</b> (*)	1			
	(35+70)	<b>82FD035709</b> (*)	1			
	(40+65)	<b>82FD040659</b> (*)	1			
	(45+60)	<b>82FD045609</b> (*)	1			
	(50+55)	<b>82FD050559</b> (*)	1			
<b>L mm.110</b>	(30+80)	<b>82FD030809</b> (*)	1			
	(35+75)	<b>82FD035759</b> (*)	1			
	(40+70)	<b>82FD040709</b> (*)	1			
	(45+65)	<b>82FD045659</b> (*)	1			
	(50+60)	<b>82FD050609</b> (*)	1			
	(55+55)	<b>82FD055559</b> (*)	1			

(\*) KA (8) MK (M)

# F99



## F99 NICKEL-PLATED DOUBLE PROFILE CYLINDER WITH DOUBLE FUNCTION,

10-pin coding, flat key.

Protected and registered key profile, nickel-silver key.

### WITH ANTI-DUPLICATION CYLINDRICAL DRILL

Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins.

DIN 30° cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**

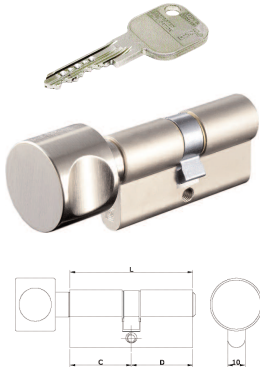


CSF ISEO & Customer

	C + D	NICKEL	KD	KA	CK-MK	GMK-GGMK
<b>L mm.60</b>	(30+30)	82FD930309 (*)	1			
<b>L mm.65</b>	(30+35)	82FD930359 (*)	1			
<b>L mm.70</b>	(30+40)	82FD930409 (*)	1			
	(35+35)	82FD935359 (*)	1			
<b>L mm.75</b>	(30+45)	82FD930459 (*)	1			
	(35+40)	82FD935409 (*)	1			
<b>L mm.80</b>	(30+50)	82FD930509 (*)	1			
	(35+45)	82FD935459 (*)	1			
	(40+40)	82FD940409 (*)	1			
<b>L mm.85</b>	(30+55)	82FD930559 (*)	1			
	(35+50)	82FD935509 (*)	1			
	(40+45)	82FD940459 (*)	1			
<b>L mm.90</b>	(30+60)	82FD930609 (*)	1			
	(35+55)	82FD935559 (*)	1			
	(40+50)	82FD940509 (*)	1			
	(45+45)	82FD945459 (*)	1			
<b>L mm.95</b>	(30+65)	82FD930659 (*)	1			
	(35+60)	82FD935609 (*)	1			
	(40+55)	82FD940559 (*)	1			
	(45+50)	82FD945509 (*)	1			
<b>L mm.100</b>	(30+70)	82FD930709 (*)	1			
	(35+65)	82FD935659 (*)	1			
	(40+60)	82FD940609 (*)	1			
	(45+55)	82FD945559 (*)	1			
	(50+50)	82FD950509 (*)	1			
<b>L mm.105</b>	(30+75)	82FD930759 (*)	1			
	(35+70)	82FD935709 (*)	1			
	(40+65)	82FD940659 (*)	1			
	(45+60)	82FD945609 (*)	1			
	(50+55)	82FD950559 (*)	1			
<b>L mm.110</b>	(30+80)	82FD930809 (*)	1			
	(35+75)	82FD935759 (*)	1			
	(40+70)	82FD940709 (*)	1			
	(45+65)	82FD945659 (*)	1			
	(50+60)	82FD950609 (*)	1			
	(55+55)	82FD955559 (*)	1			
	(60+60)	82FD960609 (*)	1			

(\*) KA (8) MK (M)

## F99



### F99 NICKEL-PLATED DOUBLE-PROFILE CYLINDER WITH ROUND KNOB,

10-pin coding, flat key.

Protected and registered key profile, nickel-silver key.

#### WITH ANTI-DUPLICATION CYLINDRICAL DRILL

Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins.

DIN 30° cam. Fixing screw.

#### 3 KEYS. PROPERTY CARD.




CSF ISEO & Customer

	C + D	NICKEL	KD	KA	CK-MK	GMK-GGMK
<b>L mm.56</b>	(28+28)	<b>82FD828289</b> (*)	1			
<b>L mm.60</b>	(30+30)	<b>82FD830309</b> (*)	1			
<b>L mm.61</b>	(28+33)	<b>82FD828339</b> (*)	1			
	(33+28)	<b>82FD833289</b> (*)	1			
<b>L mm.63</b>	(35+28)	<b>82FD835289</b> (*)	1			
<b>L mm.65</b>	(30+35)	<b>82FD830359</b> (*)	1			
	(35+30)	<b>82FD835309</b> (*)	1			
<b>L mm.68</b>	(40+28)	<b>82FD840289</b> (*)	1			
<b>L mm.70</b>	(30+40)	<b>82FD830409</b> (*)	1			
	(35+35)	<b>82FD835359</b> (*)	1			
	(40+30)	<b>82FD840309</b> (*)	1			
<b>L mm.73</b>	(45+28)	<b>82FD845289</b> (*)	1			
<b>L mm.75</b>	(30+45)	<b>82FD830459</b> (*)	1			
	(35+40)	<b>82FD835409</b> (*)	1			
	(40+35)	<b>82FD840359</b> (*)	1			
	(45+30)	<b>82FD845309</b> (*)	1			
<b>L mm.80</b>	(30+50)	<b>82FD830509</b> (*)	1			
	(35+45)	<b>82FD835459</b> (*)	1			
	(40+40)	<b>82FD840409</b> (*)	1			
	(45+35)	<b>82FD845359</b> (*)	1			
	(50+30)	<b>82FD850309</b> (*)	1			
<b>L mm.85</b>	(30+55)	<b>82FD830559</b> (*)	1			
	(35+50)	<b>82FD835509</b> (*)	1			
	(40+45)	<b>82FD840459</b> (*)	1			
	(45+40)	<b>82FD845409</b> (*)	1			
	(50+35)	<b>82FD850359</b> (*)	1			
	(55+30)	<b>82FD855309</b> (*)	1			
<b>L mm.90</b>	(30+60)	<b>82FD830609</b> (*)	1			
	(35+55)	<b>82FD835559</b> (*)	1			
	(40+50)	<b>82FD840509</b> (*)	1			
	(45+45)	<b>82FD845459</b> (*)	1			
	(50+40)	<b>82FD850409</b> (*)	1			
	(55+35)	<b>82FD855359</b> (*)	1			
	(60+30)	<b>82FD860309</b> (*)	1			
<b>L mm.95</b>	(30+65)	<b>82FD830659</b> (*)	1			
	(35+60)	<b>82FD835609</b> (*)	1			
	(40+55)	<b>82FD840559</b> (*)	1			

# F99

Code  
Single  
package

			CSF ISEO & Customer			
C + D		NICKEL	KD	KA	CK-MK	GMK-GGMK
<b>L mm.95</b>	(50+45)	82FD850459 (*)	1			
	(45+50)	82FD845509 (*)	1			
	(55+40)	82FD855409 (*)	1			
	(60+35)	82FD860359 (*)	1			
	(65+30)	82FD865309 (*)	1			
<b>L mm.100</b>	(30+70)	82FD830709 (*)	1			
	(35+65)	82FD835659 (*)	1			
	(40+60)	82FD840609 (*)	1			
	(45+55)	82FD845559 (*)	1			
	(50+50)	82FD850509 (*)	1			
	(55+45)	82FD855459 (*)	1			
	(60+40)	82FD860409 (*)	1			
	(65+35)	82FD865359 (*)	1			
	(70+30)	82FD870309 (*)	1			
<b>L mm.105</b>	(35+70)	82FD835709 (*)	1			
	(40+65)	82FD840659 (*)	1			
	(45+60)	82FD845609 (*)	1			
	(50+55)	82FD850559 (*)	1			
	(55+50)	82FD855509 (*)	1			
	(60+45)	82FD860459 (*)	1			
	(65+40)	82FD865409 (*)	1			
	(70+35)	82FD870359 (*)	1			
<b>L mm.110</b>	(30+80)	82FD830809 (*)	1			
	(40+70)	82FD840709 (*)	1			
	(45+65)	82FD845659 (*)	1			
	(50+60)	82FD850609 (*)	1			
	(55+55)	82FD855559 (*)	1			
	(60+50)	82FD860509 (*)	1			
	(65+45)	82FD865459 (*)	1			
	(70+40)	82FD870409 (*)	1			
	(80+30)	82FD880309 (*)	1			

(\*) KA (8) MK (M)

## F99



### F99 NICKEL-PLATED DOUBLE-PROFILE CYLINDER PRESET FOR KNOB,

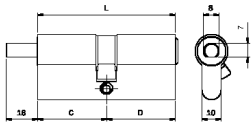
10-pin coding, flat key. Protected and registered key profile, nickel-silver key. **WITH ANTI-DUPLICATION CYLINDRICAL DRILL**

Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins. **D8x16 mm. shaft.**

DIN 30° cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**



C + D		NICKEL	CSF ISEO & Customer			
L mm.	(C+D)		KD	KA	CK-MK	GMK-GGMK
L mm. 56	(28+28)	82FD628289 (*)	1			
L mm. 60	(30+30)	82FD630309 (*)	1			
L mm. 70	(35+35)	82FD635359 (*)	1			
L mm. 80	(40+40)	82FD640409 (*)	1			
L mm. 90	(30+60)	82FD630609 (*)	1			

(\*) KA (8) MK (M)

### F99 NICKEL-PLATED DOUBLE-PROFILE CYLINDER PRESET FOR KNOB,

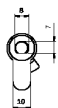
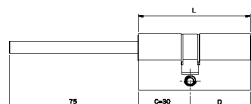
10-pin coding, flat key. Protected and registered key profile, nickel-silver key. **WITH ANTI-DUPLICATION CYLINDRICAL DRILL**

Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins. **D8x75 mm. shaft.**

DIN 30° cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**



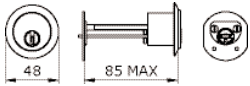
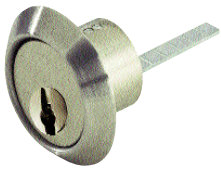
C + D		NICKEL	CSF ISEO & Customer			
L mm.	(C+D)		KD	KA	CK-MK	GMK-GGMK
L mm. 60	(30+30)	82FD6D0309 (*)	1			
L mm. 65	(30+35)	82FD6D0359 (*)	1			
L mm. 70	(30+40)	82FD6D0409 (*)	1			
L mm. 75	(30+45)	82FD6D0459 (*)	1			
L mm. 80	(30+50)	82FD6D0509 (*)	1			
L mm. 85	(30+55)	82FD6D0559 (*)	1			
L mm. 90	(30+60)	82FD6D0609 (*)	1			
L mm. 95	(30+70)	82FD6D0659 (*)	1			

(\*) KA (8) MK (M)



Code  
Single  
package

## F99



**F99 RIM CYLINDER D 35**, America type.

10-pin coding, flat key. Protected and registered key profile, nickel-silver key. **WITH ANTI-DUPLICATION CYLINDRICAL DRILL**

Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins.

Screws for inside fixing.

**3 KEYS. PROPERTY CARD.**

for doors with max. thickness mm. 85

CSF ISEO & Customer

NICKEL

KD

KA

CK-MK

GMK-GGMK

**87FD040859** (\*) 1

(\*) KA (8) MK (M)

**F99 CAM CYLINDER.** 10-pin coding,

flat key. Protected and registered key profile,

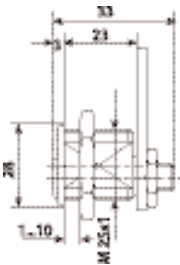
nickel-silver key. **WITH ANTI-DUPLICATION CYLINDRICAL DRILL**

Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins.

Plate for inside fixing.

**3 KEYS. PROPERTY CARD.**



CSF ISEO & Customer

NICKEL

KD

KA

CK-MK

GMK-GGMK

**87FD23F259** (\*) 1

(\*) KA (8) MK (M)

Code  
Single  
package

## F99



### F99 RIM CYLINDER.

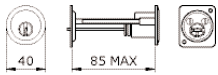
10-pin coding, flat key. Protected and registered key profile, nickel-silver key. **WITH ANTI-DUPLICATION CYLINDRICAL DRILL**

Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins.

Plate and screws for inside fixing.

**3 KEYS. PROPERTY CARD.**



for doors with max. thickness mm. 85.

BRASS

**87FD050857** (\*) 1

CSF ISEO & Customer

KD

KA

CK-MK

GMK-GGMK

(\*) KA (8) MK (M)



Pair composed of **F99 INTERNAL AND EXTERNAL RIM CYLINDERS.**

10-pin coding, flat key.

To be used with electric locks 501\*\*\* series.

Protected and registered key profile, nickel-silver key.

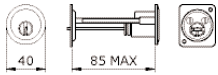
**WITH ANTI-DUPLICATION CYLINDRICAL DRILL**

Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins.

Plate and screws for inside fixing.

**3 KEYS. PROPERTY CARD.**



for doors with max. thickness mm. 85.

BRASS

**87FD151857** (\*) 1

CSF ISEO & Customer

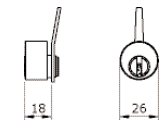
KD

KA

CK-MK

GMK-GGMK

(\*) KA (8) MK (M)



Pair composed of **F99 INTERNAL AND EXTERNAL RIM CYLINDERS.**

10-pin coding, flat key.

To be used with rim locks 4\*\* series and

electric locks 521\* series **latch bolt only.**

Protected and registered key profile, nickel-silver key.

**WITH ANTI-DUPLICATION CYLINDRICAL DRILL**

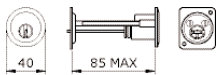
Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins.

Plate and screws for inside fixing.

**3 KEYS. PROPERTY CARD.**

(For series: 421-422-423-424-425-426-441-442  
-483-484-4510-5210-5213-5214)



for doors with max. thickness mm. 85.

BRASS

**87FD153857** (\*) 1

CSF ISEO & Customer

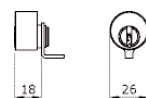
KD

KA

CK-MK

GMK-GGMK

(\*) KA (8) MK (M)



Code  
Single  
package

## F99



Pair composed of **F99 INTERNAL AND EXTERNAL RIM CYLINDERS.**

10-pin coding, flat key.

To be used with electric locks with throws 531\*\*\*\* series.

Protected and registered key profile, nickel-silver key.

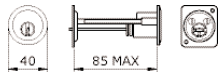
**WITH ANTI-DUPLICATION CYLINDRICAL DRILL**

Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins.

Plate and screws for inside fixing.

**3 KEYS. PROPERTY CARD.**



for doors with max. thickness mm. 85.

BRASS

**87FD155857 (\*) 1**

CSF ISEO & Customer

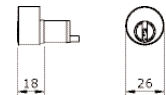
KD

KA

CK-MK

GMK-GGMK

(\*) KA (8) MK (M)



### F99 ROUND CYLINDER D 26.

10-pin coding, flat key.

Protected and registered key profile, nickel-silver key.

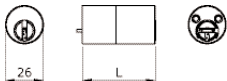
**WITH ANTI-DUPLICATION CYLINDRICAL DRILL**

Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins.

Screws for inside fixing.

**3 KEYS. PROPERTY CARD.**



for doors with max. thickness mm. 50

BRASS

**85FD260507 (\*) 1**

CSF ISEO & Customer

KD

KA

CK-MK

GMK-GGMK

(\*) KA (8) MK (M)

Pair composed of **F99 INTERNAL AND EXTERNAL ROUND CYLINDERS D 26.**

To be used with electric locks 500\*\*\*- 505\*\*\* series.

10-pin coding, flat key.

Protected and registered key profile, nickel-silver key.

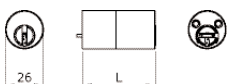
**WITH ANTI-DUPLICATION CYLINDRICAL DRILL**

Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins.

Screws for inside fixing.

**3 KEYS. PROPERTY CARD.**



for doors with max. thickness mm. 50

BRASS

**85FD461507 (\*) 1**

CSF ISEO & Customer

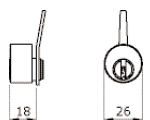
KD

KA

CK-MK

GMK-GGMK

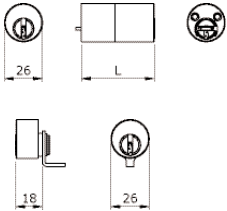
(\*) KA (8) MK (M)



Code

Single package

## F99



Pair composed of **F99 INTERNAL AND EXTERNAL ROUND CYLINDERS D 26.**

To be used with rim locks and electric locks with **latch bolt only.**

10-pin coding, flat key.

Protected and registered key profile, nickel-silver key.

**WITH ANTI-DUPLICATION CYLINDRICAL DRILL**

Stainless steel coding and lateral pins.

Screws for inside fixing.

**3 KEYS. PROPERTY CARD.**

For series (431-432-435-436-437-438-450-451-452-481-482-485-486

-491-492-493-494-495-496-4250-4210-5950

4910-4350-5200-5203-5204-5205-5220-5224-5250-5253-5255)

BRASS

for doors with max. thickness mm. 50

**85FD463507 (\*) 1**

CSF ISEO & Customer

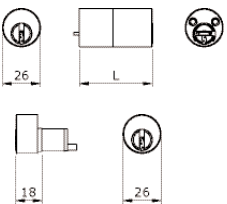
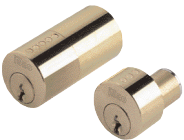
KD

KA

CK-MK

GMK-GGMK

(\*) KA (8) MK (M)



Pair composed of **F99 INTERNAL AND EXTERNAL ROUND CYLINDERS D 26.**

To be used with electric locks with throws 531\*\*\*\* series.

10-pin coding, flat key.

Protected and registered key profile, nickel-silver key.

**WITH ANTI-DUPLICATION CYLINDRICAL DRILL**

Stainless steel coding and lateral pins.

Screws for inside fixing.

**3 KEYS. PROPERTY CARD..**

(For series 5300-5302-5304-5305-5350-5352)

BRASS

for doors with max. thickness mm. 50

**85FD465507 (\*) 1**

CSF ISEO & Customer

KD

KA

CK-MK

GMK-GGMK

(\*) KA (8) MK (M)

## F99



### F99 MORTISE CYLINDER D 26.

To be used with rim locks 460-465 series.

10-pin coding, flat key.

Protected and registered key profile, nickel-silver key.

#### WITH ANTI-DUPLICATION CYLINDRICAL DRILL

Stainless steel coding and lateral pins.

Screws for inside fixing.

#### 3 KEYS. PROPERTY CARD.



for doors with max. thickness mm. 37

for doors with max. thickness mm. 42

for doors with max. thickness mm. 47

for doors with max. thickness mm. 52

for doors with max. thickness mm. 57

BRASS

CSF ISEO & Customer

KD KA CK-MK GMK-GGMK

86FD262377 (\*) 1

86FD262427 (\*) 1

86FD262477 (\*) 1

86FD262527 (\*) 1

86FD262577 (\*) 1

(\*) KA (8) MK (M)



### Pair composed of F99 INTERNAL AND EXTERNAL MORTISE CYLINDERS D 26.

To be used with rim locks 470-475 series.

10-pin coding, flat key.

Protected and registered key profile, nickel-silver key.

#### WITH ANTI-DUPLICATION CYLINDRICAL DRILL

Stainless steel coding and lateral pins.

Screws for inside fixing.

#### 3 KEYS. PROPERTY CARD.



for doors with max. thickness mm. 37

for doors with max. thickness mm. 42

for doors with max. thickness mm. 47

for doors with max. thickness mm. 52

for doors with max. thickness mm. 57

BRASS

CSF ISEO & Customer

KD KA CK-MK GMK-GGMK

86FD466377 (\*) 1

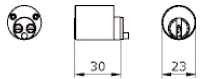
86FD466427 (\*) 1

86FD466477 (\*) 1

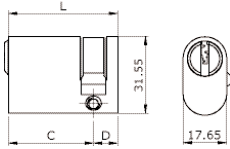
86FD466527 (\*) 1

86FD466577 (\*) 1

(\*) KA (8) MK (M)



## F99



### F99 UK OVAL HALF CYLINDER.

10-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.

#### WITH ANTI-DUPLICATION CYLINDRICAL DRILL

Antidrill pin in the cylinder body and barrel.  
Stainless steel coding and lateral pins.  
ISEO 45° projecting cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**

L mm. 40 (30+10)  
L mm. 45 (35+10)  
L mm. 50 (40+10)

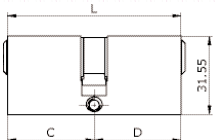
NICKEL

**81FD030109** (\*) 1  
**81FD035109** (\*) 1  
**81FD040109** (\*) 1

CSF ISEO & Customer

KD KA CK-MK GMK-GGMK

(\*) KA (8) MK (M)



### F99 UK OVAL DOUBLE-PROFILE CYLINDER.

10-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.

#### WITH ANTI-DUPLICATION CYLINDRICAL DRILL

Antidrill pin in the cylinder body and barrel.  
Stainless steel coding and lateral pins.  
ISEO 45° projecting cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**

L mm. 60 (30+30))  
L mm. 70 (35+35))  
L mm. 80 (40+40))

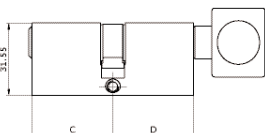
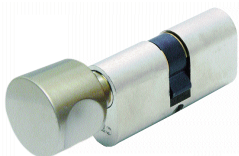
NICKEL

**81FD030309** (\*) 1  
**81FD035359** (\*) 1  
**81FD040409** (\*) 1

CSF ISEO & Customer

KD KA CK-MK GMK-GGMK

(\*) KA (8) MK (M)



### F99 UK OVAL CYLINDER WITH KNOB.

10-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.

#### WITH ANTI-DUPLICATION CYLINDRICAL DRILL

Antidrill pin in the cylinder body and barrel.  
Stainless steel coding and lateral pins.  
ISEO 45° projecting cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**

L mm. 60 (30+30))  
L mm. 70 (35+35))  
L mm. 80 (40+40))

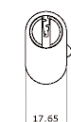
NICKEL

**81FD830309** (\*) 1  
**81FD835359** (\*) 1  
**81FD840409** (\*) 1

CSF ISEO & Customer

KD KA CK-MK GMK-GGMK

(\*) KA (8) MK (M)



**ISEO**<sup>®</sup>

**CSF GERA.**

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**F900**



## CSF ISEO

Code

Code

### **KD - KA** coded key

	<b>ISEO</b>	<b>Customer</b>
For <b>F9</b> cylinders	80FASKI000	80FASKC000
For <b>F90</b> cylinders	80FCSKI000	80FCSKC000
For <b>F99</b> cylinders	80FDSKI000	80FDSKC000
For <b>F900</b> cylinders	80FMSKI000	80FMSKC000

### **CK - MK** coded key

For <b>F9</b> cylinders	80FAMKI000	80FAMKC000
For <b>F90</b> cylinders	80FCMKI000	80FCMKC000
For <b>F99</b> cylinders	80FDMKI000	80FDMKC000
For <b>F900</b> cylinders	80FMMKI000	80FMMKC000

### **GMK** coded key

For <b>F9</b> cylinders	80FAGMKI000	80FAGMKC000
For <b>F90</b> cylinders	80FCGMKI000	80FCGMKC000
For <b>F99</b> cylinders	80FDGMKI000	80FDGMKC000
For <b>F900</b> cylinders	80FMGMKI000	80FMGMKC000

### **KD - KA** coded key **future order**

For <b>F9</b> cylinders	80FASKI001	80FASKC001
For <b>F90</b> cylinders	80FCSKI001	80FCSKC001
For <b>F99</b> cylinders	80FDSKI001	80FDSKC001
For <b>F900</b> cylinders	80FMSKI001	80FMSKC001

### **CK - MK** coded key **future order**

For <b>F9</b> cylinders	80FAMKI001	80FAMKC001
For <b>F90</b> cylinders	80FCMKI001	80FCMKC001
For <b>F99</b> cylinders	80FDMKI001	80FDMKC001
For <b>F900</b> cylinders	80FMMKI001	80FMMKC001

### **GMK** coded key **future order**

For <b>F9</b> cylinders	80FAGMKI001	80FAGMKC001
For <b>F90</b> cylinders	80FCGMKI001	80FCGMKC001
For <b>F99</b> cylinders	80FDGMKI001	80FDGMKC001
For <b>F900</b> cylinders	80FMGMKI001	80FMGMKC001

### **Blank key for Customer only**

For <b>F9</b> cylinders (200 pcs)	80FAR00000
For <b>F90</b> cylinders (200 pcs)	80FCR00000
For <b>F99</b> cylinders (200 pcs)	80FDR00000
For <b>F900</b> cylinders (200 pcs)	80FMR00000

### **CSF Property card duplication**

4000I-PCZ

**The numbering on cylinder body is included in the price**



Code

Single  
package

## F900



**F900 NICKEL-PLATED HALF CYLINDER**, with 10-pin coding, flat key. Protected and registered key profile, nickel-silver key.

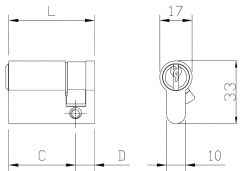
### MAGNETIC CODING

Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins.

8-position cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**



	C + D
<b>L mm.40</b>	(30+10)
<b>L mm.45</b>	(35+10)
<b>L mm.50</b>	(40+10)
<b>L mm.55</b>	(45+10)
<b>L mm.60</b>	(50+10)
<b>L mm.65</b>	(55+10)
<b>L mm.70</b>	(60+10)
<b>L mm.75</b>	(65+10)



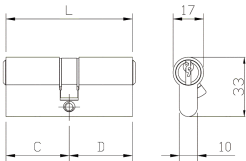
NICHELATO

CSF ISEO & Customer

		KD	KA	CK-MK	GMK-GGMK
<b>82FM030109</b> (*)	1				
<b>82FM035109</b> (*)	1				
<b>82FM040109</b> (*)	1				
<b>82FM045109</b> (*)	1				
<b>82FM050109</b> (*)	1				
<b>82FM055109</b> (*)	1				
<b>82FM060109</b> (*)	1				
<b>82FM065109</b> (*)	1				

(\*) KA (8) MK (M)

## F900



**F900 NICKEL-PLATED DOUBLE PROFILE CYLINDER**, with 10-pin coding, flat key. Protected and registered key profile, nickel-silver key.

**MAGNETIC CODING.** Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins. DIN 30° cam. Fixing screw.

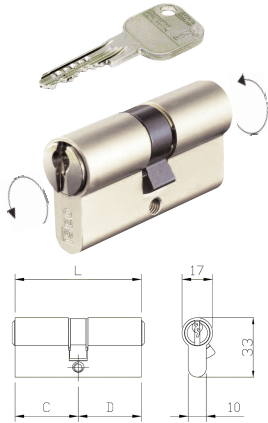
**3 KEYS. PROPERTY CARD.**



CSF ISEO & Customer

	C + D	NICHELATO		KD	KA	CK-MK	GMK-GGMK
<b>L mm.56</b>	(28+28)	<b>82FM028289</b> (*)	1				
<b>L mm.60</b>	(30+30)	<b>82FM030309</b> (*)	1				
<b>L mm.61</b>	(28+33)	<b>82FM028339</b> (*)	1				
<b>L mm.63</b>	(28+35)	<b>82FM028359</b> (*)	1				
<b>L mm.65</b>	(30+35)	<b>82FM030359</b> (*)	1				
<b>L mm.68</b>	(28+40)	<b>82FM028409</b> (*)	1				
<b>L mm.70</b>	(30+40)	<b>82FM030409</b> (*)	1				
	(35+35)	<b>82FM035359</b> (*)	1				
<b>L mm.73</b>	(28+45)	<b>82FM028459</b> (*)	1				
<b>L mm.75</b>	(30+45)	<b>82FM030459</b> (*)	1				
	(35+40)	<b>82FM035409</b> (*)	1				
<b>L mm.80</b>	(30+50)	<b>82FM030509</b> (*)	1				
	(35+45)	<b>82FM035459</b> (*)	1				
	(40+40)	<b>82FM040409</b> (*)	1				
<b>L mm.85</b>	(30+55)	<b>82FM030559</b> (*)	1				
	(35+50)	<b>82FM035509</b> (*)	1				
	(40+45)	<b>82FM040459</b> (*)	1				
<b>L mm.90</b>	(30+60)	<b>82FM030609</b> (*)	1				
	(35+55)	<b>82FM035559</b> (*)	1				
	(40+50)	<b>82FM040509</b> (*)	1				
	(45+45)	<b>82FM045459</b> (*)	1				
<b>L mm.95</b>	(30+65)	<b>82FM030659</b> (*)	1				
	(35+60)	<b>82FM035609</b> (*)	1				
	(40+55)	<b>82FM040559</b> (*)	1				
	(45+50)	<b>82FM045509</b> (*)	1				
<b>L mm.100</b>	(30+70)	<b>82FM030709</b> (*)	1				
	(35+65)	<b>82FM035659</b> (*)	1				
	(40+60)	<b>82FM040609</b> (*)	1				
	(45+55)	<b>82FM045559</b> (*)	1				
	(50+50)	<b>82FM050509</b> (*)	1				
<b>L mm.105</b>	(30+75)	<b>82FM030759</b> (*)	1				
	(35+70)	<b>82FM035709</b> (*)	1				
	(40+65)	<b>82FM040659</b> (*)	1				
	(45+60)	<b>82FM045609</b> (*)	1				
	(50+55)	<b>82FM050559</b> (*)	1				
<b>L mm.110</b>	(30+80)	<b>82FM030809</b> (*)	1				
	(35+75)	<b>82FM035759</b> (*)	1				
	(40+70)	<b>82FM040709</b> (*)	1				
	(45+65)	<b>82FM045659</b> (*)	1				
	(50+60)	<b>82FM050609</b> (*)	1				
	(55+55)	<b>82FM055559</b> (*)	1				

## F900



### F900 NICKEL-PLATED DOUBLE PROFILE CYLINDER WITH DOUBLE FUNCTION,

with 10-pin coding, flat key. Protected and registered key profile,

nickel-silver key. **MAGNETIC CODING**

Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins.

DIN 30° cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**

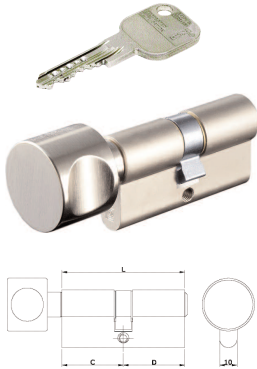


CSF ISEO & Customer

		NICHELATO	KD	KA	CK-MK	GMK-GGMK
	C + D					
<b>L mm.60</b>	(30+30)	<b>82FM930309</b> (*)	1			
<b>L mm.65</b>	(30+35)	<b>82FM930359</b> (*)	1			
<b>L mm.70</b>	(30+40)	<b>82FM930409</b> (*)	1			
	(35+35)	<b>82FM935359</b> (*)	1			
<b>L mm.75</b>	(30+45)	<b>82FM930459</b> (*)	1			
	(35+40)	<b>82FM935409</b> (*)	1			
<b>L mm.80</b>	(30+50)	<b>82FM930509</b> (*)	1			
	(35+45)	<b>82FM935459</b> (*)	1			
	(40+40)	<b>82FM940409</b> (*)	1			
<b>L mm.85</b>	(30+55)	<b>82FM930559</b> (*)	1			
	(35+50)	<b>82FM935509</b> (*)	1			
	(40+45)	<b>82FM940459</b> (*)	1			
<b>L mm.90</b>	(30+60)	<b>82FM930609</b> (*)	1			
	(35+55)	<b>82FM935559</b> (*)	1			
	(40+50)	<b>82FM940509</b> (*)	1			
	(45+45)	<b>82FM945459</b> (*)	1			
<b>L mm.95</b>	(30+65)	<b>82FM930659</b> (*)	1			
	(35+60)	<b>82FM935609</b> (*)	1			
	(40+55)	<b>82FM940559</b> (*)	1			
	(45+50)	<b>82FM945509</b> (*)	1			
<b>L mm.100</b>	(30+70)	<b>82FM930709</b> (*)	1			
	(35+65)	<b>82FM935659</b> (*)	1			
	(40+60)	<b>82FM940609</b> (*)	1			
	(45+55)	<b>82FM945559</b> (*)	1			
	(50+50)	<b>82FM950509</b> (*)	1			
<b>L mm.105</b>	(30+75)	<b>82FM930759</b> (*)	1			
	(35+70)	<b>82FM935709</b> (*)	1			
	(40+65)	<b>82FM940659</b> (*)	1			
	(45+60)	<b>82FM945609</b> (*)	1			
	(50+55)	<b>82FM950559</b> (*)	1			
<b>L mm.110</b>	(30+80)	<b>82FM930809</b> (*)	1			
	(35+75)	<b>82FM935759</b> (*)	1			
	(40+70)	<b>82FM940709</b> (*)	1			
	(45+65)	<b>82FM945659</b> (*)	1			
	(50+60)	<b>82FM950609</b> (*)	1			
	(55+55)	<b>82FM955559</b> (*)	1			

(\*) KA (8) MK (M)

## F900



### F900 NICKEL-PLATED DOUBLE-PROFILE CYLINDER WITH ROUND KNOB,

with 10-pin coding, flat key.

Protected and registered key profile, nickel-silver key.

#### MAGNETIC CODING

Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins.

DIN 30° cam. Fixing screw.


#### 3 KEYS. PROPERTY CARD.



CSF ISEO & Customer

	C + D	NICHELATO	KD	KA	CK-MK	GMK-GGMK
<b>L mm.56</b>	(28+28)	82FM828289 (*)	1			
<b>L mm.60</b>	(30+30)	82FM830309 (*)	1			
<b>L mm.61</b>	(28+33)	82FM828339 (*)	1			
	(33+28)	82FM833289 (*)	1			
<b>L mm.63</b>	(35+28)	82FM835289 (*)	1			
<b>L mm.65</b>	(30+35)	82FM830359 (*)	1			
	(35+30)	82FM835309 (*)	1			
<b>L mm.68</b>	(40+28)	82FM840289 (*)	1			
<b>L mm.70</b>	(30+40)	82FM830409 (*)	1			
	(35+35)	82FM835359 (*)	1			
	(40+30)	82FM840309 (*)	1			
<b>L mm.73</b>	(45+28)	82FM845289 (*)	1			
<b>L mm.75</b>	(30+45)	82FM830459 (*)	1			
	(35+40)	82FM835409 (*)	1			
	(40+35)	82FM840359 (*)	1			
	(45+30)	82FM845309 (*)	1			
<b>L mm.80</b>	(30+50)	82FM830509 (*)	1			
	(35+45)	82FM835459 (*)	1			
	(40+40)	82FM840409 (*)	1			
	(45+35)	82FM845359 (*)	1			
	(50+30)	82FM850309 (*)	1			
<b>L mm.85</b>	(30+55)	82FM830559 (*)	1			
	(35+50)	82FM835509 (*)	1			
	(40+45)	82FM840459 (*)	1			
	(45+40)	82FM845409 (*)	1			
	(50+35)	82FM850359 (*)	1			
	(55+30)	82FM855309 (*)	1			
<b>L mm.90</b>	(30+60)	82FM830609 (*)	1			
	(35+55)	82FM835559 (*)	1			
	(40+50)	82FM840509 (*)	1			
	(45+45)	82FM845459 (*)	1			
	(50+40)	82FM850409 (*)	1			
	(55+35)	82FM855359 (*)	1			
	(60+30)	82FM860309 (*)	1			
<b>L mm.95</b>	(30+65)	82FM830659 (*)	1			
	(40+55)	82FM840559 (*)	1			
	(35+60)	82FM835609 (*)	1			

**F900**

			CSF ISEO & Customer			
	C + D	NICHELATO	KD	KA	CK-MK	GMK-GGMK
<b>L mm.95</b>	(45+50)	82FM845509 (*)	1			
	(50+45)	82FM850459 (*)	1			
	(55+40)	82FM855409 (*)	1			
	(60+35)	82FM860359 (*)	1			
	(65+30)	82FM865309 (*)	1			
<b>L mm.100</b>	(30+70)	82FM830709 (*)	1			
	(35+65)	82FM835659 (*)	1			
	(40+60)	82FM840609 (*)	1			
	(45+55)	82FM845559 (*)	1			
	(50+50)	82FM850509 (*)	1			
	(55+45)	82FM855459 (*)	1			
	(60+40)	82FM860409 (*)	1			
	(65+35)	82FM865359 (*)	1			
	(70+30)	82FM870309 (*)	1			
<b>L mm.105</b>	(35+70)	82FM835709 (*)	1			
	(40+65)	82FM840659 (*)	1			
	(45+60)	82FM845609 (*)	1			
	(50+55)	82FM850559 (*)	1			
	(55+50)	82FM855509 (*)	1			
	(60+45)	82FM860459 (*)	1			
	(65+40)	82FM865409 (*)	1			
<b>L mm.110</b>	(30+80)	82FM830809 (*)	1			
	(40+70)	82FM840709 (*)	1			
	(45+65)	82FM845659 (*)	1			
	(50+60)	82FM850609 (*)	1			
	(55+55)	82FM855559 (*)	1			
	(60+50)	82FM860509 (*)	1			
	(65+45)	82FM865459 (*)	1			
	(70+40)	82FM870409 (*)	1			
	(80+30)	82FM880309 (*)	1			

(\*) KA (8) MK (M)

## F900

### F900 NICKEL-PLATED DOUBLE-PROFILE CYLINDER PRESET FOR KNOB,

with 10-pin coding, flat key.

Protected and registered key profile, nickel-silver key.

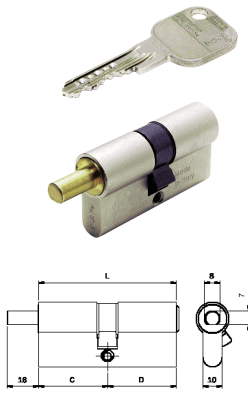
#### MAGNETIC CODING

Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins. **D8x16 mm. shaft.**

DIN 30° cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**



		CSF ISEO & Customer				
		NICHELATO	KD	KA	CK-MK	GMK-GGMK
	C + D					
L mm.	56 (28+28)	82FM628289 (*)	1			
L mm.	60 (30+30)	82FM630309 (*)	1			
L mm.	70 (35+35)	82FM635359 (*)	1			
L mm.	80 (40+40)	82FM640409 (*)	1			
L mm.	90 (30+60)	82FM630609 (*)	1			

(\*) KA (8) MK (M)

### F900 NICKEL-PLATED DOUBLE-PROFILE CYLINDER PRESET FOR KNOB,

with 10-pin coding, flat key.

Protected and registered key profile, nickel-silver key.

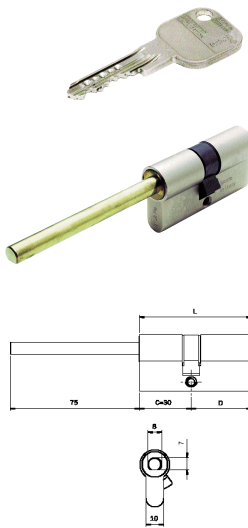
#### MAGNETIC CODING

Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins. **D8x75 mm. shaft.**

DIN 30° cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**



		CSF ISEO & Customer				
		NICHELATO	KD	KA	CK-MK	GMK-GGMK
	C + D					
L mm.	60 (30+30)	82FM6D0309 (*)	1			
L mm.	65 (30+35)	82FM6D0359 (*)	1			
L mm.	70 (30+40)	82FM6D0409 (*)	1			
L mm.	75 (30+45)	82FM6D0459 (*)	1			
L mm.	80 (30+50)	82FM6D0509 (*)	1			
L mm.	85 (30+55)	82FM6D0559 (*)	1			
L mm.	90 (30+60)	82FM6D0609 (*)	1			
L mm.	95 (30+70)	82FM6D0659 (*)	1			

(\*) KA (8) MK (M)

Code

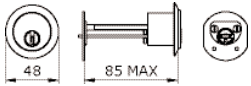
Single  
package

## F900



**F900 RIM CYLINDER D 35**, America type.  
10-pin coding, flat key. Protected and registered key profile,  
nickel-silver key. **MAGNETIC CODING**  
Antidrill pin in the cylinder body and barrel.  
Stainless steel coding and lateral pins.  
Screws for inside fixing.  
**3 KEYS. PROPERTY CARD.**

for doors with max. thickness mm. 85



NICKEL

**87FM040859** (\*) 1

CSF ISEO & Customer

KD

KA

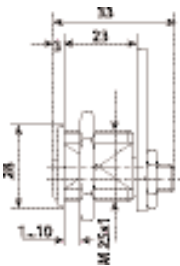
CK-MK

GMK-GGMK

(\*) KA (8) MK (M)



**F900 CAM CYLINDER**. 10-pin coding,  
flat key. Protected and registered key profile,  
nickel-silver key. **MAGNETIC CODING**  
Antidrill pin in the cylinder body and barrel.  
Stainless steel coding and lateral pins.  
Plate for inside fixing.  
**3 KEYS. PROPERTY CARD.**



NICKEL

**87FM23F259** (\*) 1

CSF ISEO & Customer

KD

KA

CK-MK

GMK-GGMK

(\*) KA (8) MK (M)

Code  
Single  
package

## F900



### F900 RIM CYLINDER.

10-pin coding, flat key. Protected and registered key profile,

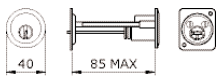
nickel-silver key. **MAGNETIC CODING**

Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins.

Plate and screws for inside fixing.

**3 KEYS. PROPERTY CARD.**



for doors with max. thickness mm. 85.

BRASS

**87FM050857** (\*) 1

CSF ISEO & Customer

KD

KA

CK-MK

GMK-GGMK

(\*) KA (8) MK (M)



Pair composed of **F900 INTERNAL AND EXTERNAL RIM CYLINDERS.**

10-pin coding, flat key.

To be used with electric locks 501\*\*\* series.

Protected and registered key profile, nickel-silver key.

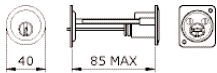
**MAGNETIC CODING**

Antidrill pin in the cylinder body and barrel.

Stainless steel coding and lateral pins.

Plate and screws for inside fixing.

**3 KEYS. PROPERTY CARD.**



for doors with max. thickness mm. 85.

BRASS

**87FM151857** (\*) 1

CSF ISEO & Customer

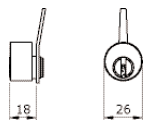
KD

KA

CK-MK

GMK-GGMK

(\*) KA (8) MK (M)



Pair composed of **F900 INTERNAL AND EXTERNAL RIM CYLINDERS.**

10-pin coding, flat key.

To be used with rim locks 4\*\* series and

electric locks 521\* series **latch bolt only.**

Protected and registered key profile, nickel-silver key.

**MAGNETIC CODING**

Antidrill pin in the cylinder body and barrel.

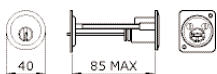
Stainless steel coding and lateral pins.

Plate and screws for inside fixing.

**3 KEYS. PROPERTY CARD.**

(For series: 421-422-423-424-425-426-441-442

-483-484-4510-5210-5213-5214)



for doors with max. thickness mm. 85.

BRASS

**87FM153857** (\*) 1

CSF ISEO & Customer

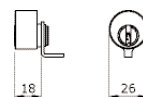
KD

KA

CK-MK

GMK-GGMK

(\*) KA (8) MK (M)





Code  
Single  
package

## F900

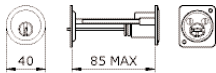


Pair composed of **F900 INTERNAL AND EXTERNAL RIM CYLINDERS**.  
10-pin coding, flat key.  
To be used with electric locks with throws 531\*\*\* series.  
Protected and registered key profile, nickel-silver key.

### MAGNETIC CODING

Antidrill pin in the cylinder body and barrel.  
Stainless steel coding and lateral pins.  
Plate and screws for inside fixing.

### 3 KEYS. PROPERTY CARD.



for doors with max. thickness mm. 85.

BRASS

**87FM155857 (\*)** 1

CSF ISEO & Customer

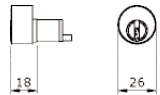
KD

KA

CK-MK

GMK-GGMK

(\*) KA (8) MK (M)



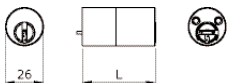
### F900 ROUND CYLINDER D 26.

10-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.

### MAGNETIC CODING

Antidrill pin in the cylinder body and barrel.  
Stainless steel coding and lateral pins.  
Screws for inside fixing.

### 3 KEYS. PROPERTY CARD.



for doors with max. thickness mm. 50

BRASS

**85FM260507 (\*)** 1

CSF ISEO & Customer

KD

KA

CK-MK

GMK-GGMK

(\*) KA (8) MK (M)

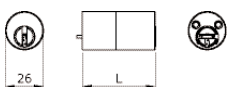
### Pair composed of F900 INTERNAL AND EXTERNAL ROUND CYLINDERS D 26.

To be used with electric locks 500\*\*\*- 505\*\*\* series.  
10-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.

### MAGNETIC CODING

Antidrill pin in the cylinder body and barrel.  
Stainless steel coding and lateral pins.  
Screws for inside fixing.

### 3 KEYS. PROPERTY CARD.



for doors with max. thickness mm. 50

BRASS

**85FM461507 (\*)** 1

CSF ISEO & Customer

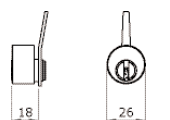
KD

KA

CK-MK

GMK-GGMK

(\*) KA (8) MK (M)



## F900



Pair composed of **F900 INTERNAL AND EXTERNAL ROUND CYLINDERS D 26.**

To be used with rim locks and electric locks with **latch bolt only.**

10-pin coding, flat key.

Protected and registered key profile, nickel-silver key.

### MAGNETIC CODING

Stainless steel coding and lateral pins.

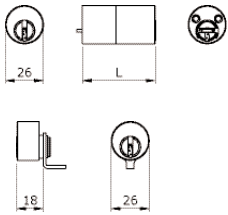
Screws for inside fixing.

### 3 KEYS. PROPERTY CARD.

For series (431-432-435-436-437-438-450-451-452-481-482-485-486

-491-492-493-494-495-496-4250-4210-5950

4910-4350-5200-5203-5204-5205-5220-5224-5250-5253-5255)



for doors with max. thickness mm. 50

BRASS

**85FM463507** (\*) 1

CSF ISEO & Customer

KD

KA

CK-MK

GMK-GGMK

(\*) KA (8) MK (M)



Pair composed of **F900 INTERNAL AND EXTERNAL ROUND CYLINDERS D 26.**

To be used with electric locks with throws 531\*\*\*\* series.

10-pin coding, flat key.

Protected and registered key profile, nickel-silver key.

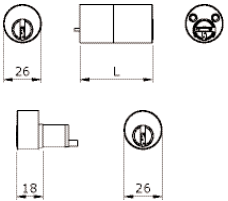
### MAGNETIC CODING

Stainless steel coding and lateral pins.

Screws for inside fixing.

### 3 KEYS. PROPERTY CARD.

For series (5300-5302-5304-5305-5350-5352)



for doors with max. thickness mm. 50

BRASS

**85FM465507** (\*) 1

CSF ISEO & Customer

KD

KA

CK-MK

GMK-GGMK

(\*) KA (8) MK (M)

## F900



### F900 MORTISE CYLINDER D 26.

To be used with rim locks 460-465 series.  
10-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.

#### MAGNETIC CODING

Stainless steel coding and lateral pins.  
Screws for inside fixing.

#### 3 KEYS. PROPERTY CARD.



for doors with max. thickness mm. 37	<b>86FM262377</b> (*)	1
for doors with max. thickness mm. 42	<b>86FM262427</b> (*)	1
for doors with max. thickness mm. 47	<b>86FM262477</b> (*)	1
for doors with max. thickness mm. 52	<b>86FM262527</b> (*)	1
for doors with max. thickness mm. 57	<b>86FM262577</b> (*)	1

BRASS

CSF ISEO & Customer

KD KA CK-MK GMK-GGMK

(\*) KA (8) MK (M)



### Pair composed of F900 INTERNAL AND EXTERNAL MORTISE CYLINDERS D 26.

To be used with rim locks 470-475 series.  
10-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.

#### MAGNETIC CODING

Stainless steel coding and lateral pins.  
Screws for inside fixing.

#### 3 KEYS. PROPERTY CARD.



for doors with max. thickness mm. 37	<b>86FM466377</b> (*)	1
for doors with max. thickness mm. 42	<b>86FM466427</b> (*)	1
for doors with max. thickness mm. 47	<b>86FM466477</b> (*)	1
for doors with max. thickness mm. 52	<b>86FM466527</b> (*)	1
for doors with max. thickness mm. 57	<b>86FM466577</b> (*)	1

BRASS

CSF ISEO & Customer

KD KA CK-MK GMK-GGMK

(\*) KA (8) MK (M)

## F900

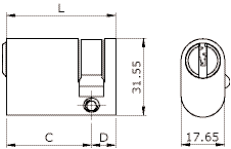
### F900 UK OVAL HALF CYLINDER.

10-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.

#### MAGNETIC CODING

Antidrill pin in the cylinder body and barrel.  
Stainless steel coding and lateral pins.  
ISEO 45° projecting cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**



L mm. 40 (30+10)  
L mm. 45 (35+10)  
L mm. 50 (40+10)

NICKEL  
**81FM030109** (\*) 1  
**81FM035109** (\*) 1  
**81FM040109** (\*) 1

#### CSF ISEO & Customer

KD KA CK-MK GMK-GGMK

(\*) KA (8) MK (M)

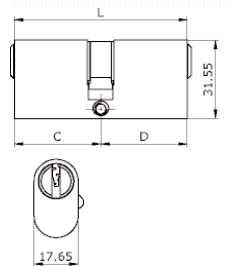
### F900 UK OVAL DOUBLE-PROFILE CYLINDER.

10-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.

#### MAGNETIC CODING

Antidrill pin in the cylinder body and barrel.  
Stainless steel coding and lateral pins.  
ISEO 45° projecting cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**



L mm. 60 (30+30)  
L mm. 70 (35+35)  
L mm. 80 (40+40)

NICKEL  
**81FM030309** (\*) 1  
**81FM035359** (\*) 1  
**81FM040409** (\*) 1

#### CSF ISEO & Customer

KD KA CK-MK GMK-GGMK

(\*) KA (8) MK (M)

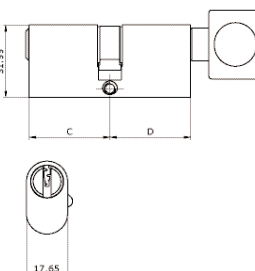
### F900 UK OVAL CYLINDER WITH KNOB.

10-pin coding, flat key.  
Protected and registered key profile, nickel-silver key.

#### MAGNETIC CODING

Antidrill pin in the cylinder body and barrel.  
Stainless steel coding and lateral pins.  
ISEO 45° projecting cam. Fixing screw.

**3 KEYS. PROPERTY CARD.**



L mm. 60 (30+30)  
L mm. 70 (35+35)  
L mm. 80 (40+40)

NICKEL  
**81FM830309** (\*) 1  
**81FM835359** (\*) 1  
**81FM840409** (\*) 1

#### CSF ISEO & Customer

KD KA CK-MK GMK-GGMK

(\*) KA (8) MK (M)



**CSF GERA.**

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COMPONENTS



## Padlocks for CSF cylinders

Code

Single  
package



**Rectangular padlock BOXER, fully armoured**, for gates.

Body material: zamak zinc alloy. Case material: chrome-plated carbonitrided steel.

Shaft material: chrome-plated carbonitrided steel, mm.90.

**To be used with half-profile cylinder** mm.40 (30+10) projecting cam.

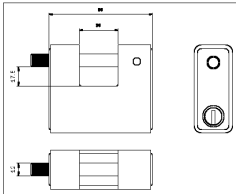
Stainless steel shaft D12, opening grip. Shaft ball-locking.

**Shaft clearance mm. 36 x 17,5.**

When the padlock is open the case can be removed to place the cylinder.

Cylinder to be ordered separately.

CSF ISEO & Customer



The key can be removed only when the padlock is closed.

8099091

1

**UNIVERSAL padlock. To be used with half-profile**

**cylinder** mm.40 (30+10) projecting cam.

Body (54 mm.) material: brass satin nickel-plated.

Steel shaft D12. **Shaft clearance mm. 30 or 50 mm.**

Cylinder to be ordered separately.

CSF ISEO & Customer



mm 30 carbonitrided steel shaft

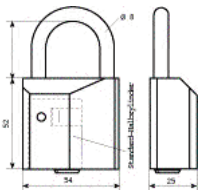
40006000000030

1

mm 50 stainless steel shaft

40006000000050

1



mm 30 carbonitrided steel shaft

The key can be removed only when the padlock is closed

400060000000Z30

1

mm 50 stainless steel shaft

The key can be removed only when the padlock is closed

400060000000Z50

1

**Preassembled cylinders**

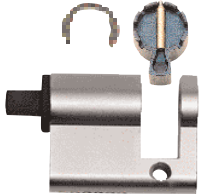
**F9 F90 F99 F900**

Package

Min. ord.

Code

Code



**10 pcs. KIT.** Half cylinder for series **F9 - F90 - F99 - F900**,  
 Nickel plated matt finish.  
 Preassembled, with springs, top pins, plugs.  
 Nylon plug, 8-position cam, retaining ring. Fixing screw.  
 (rotor to be ordered separately)

				F9 F90 F99		F900	
C + D							
<b>L mm. 40</b>	(30+10)	10	1	<b>82FR030109S</b>		<b>82FM030109S</b>	
<b>L mm. 45</b>	(35+10)	10	1	<b>82FR035109S</b>		<b>82FM035109S</b>	
<b>L mm. 50</b>	(40+10)	10	1	<b>82FR040109S</b>		<b>82FM040109S</b>	
<b>L mm. 55</b>	(45+10)	10	1	<b>82FR045109S</b>		<b>82FM045109S</b>	
<b>L mm. 60</b>	(50+10)	10	1	<b>82FR050109S</b>		<b>82FM050109S</b>	
<b>L mm. 65</b>	(55+10)	10	1	<b>82FR055109S</b>		<b>82FM055109S</b>	
<b>L mm. 70</b>	(60+10)	10	1	<b>82FR060109S</b>		<b>82FM060109S</b>	
<b>L mm. 75</b>	(65+10)	10	1	<b>82FR065109S</b>		<b>82FM065109S</b>	
<b>L mm. 80</b>	(70+10)	10	1	<b>82FR070109S</b>		<b>82FM070109S</b>	
<b>L mm. 85</b>	(75+10)	10	1	<b>82FR075109S</b>		<b>82FM075109S</b>	
<b>L mm. 90</b>	(80+10)	10	1	<b>82FR080109S</b>		<b>82FM080109S</b>	
<b>L mm. 95</b>	(85+10)	10	1	<b>82FR085109S</b>		<b>82FM085109S</b>	
<b>L mm. 100</b>	(90+10)	10	1	<b>82FR090109S</b>		<b>82FM090109S</b>	

**P.S.** prices are referred to the full packaging

## Preassembled cylinders

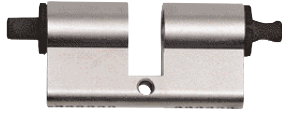
**F9 F90 F99 F900**

Package

Min. ord.

Code

Code

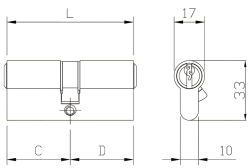


**10 pcs. KIT.** Double-profile cylinder for series **F9 - F90 - F99 - F900**.

Nickel plated matt finish. Preassembled, with springs, top pins, plugs.

Nylon plug. Fixing screw.

(rotor, clutch and DIN 30° cam to be ordered separately)



C + D		F9 F90 F99		F900
<b>L mm. 56</b>	(28+28)	10	1 <b>82FR028289S</b>	<b>82FM028289S</b>
<b>L mm. 60</b>	(30+30)	10	1 <b>82FR030309S</b>	<b>82FM030309S</b>
<b>L mm. 61</b>	(28+33)	10	1 <b>82FR028339S</b>	<b>82FM028339S</b>
<b>L mm. 63</b>	(28+35)	10	1 <b>82FR028359S</b>	<b>82FM028359S</b>
<b>L mm. 65</b>	(30+35)	10	1 <b>82FR030359S</b>	<b>82FM030359S</b>
<b>L mm. 68</b>	(28+40)	10	1 <b>82FR028409S</b>	<b>82FM028409S</b>
<b>L mm. 70</b>	(30+40)	10	1 <b>82FR030409S</b>	<b>82FM030409S</b>
	(35+35)	10	1 <b>82FR035359S</b>	<b>82FM035359S</b>
<b>L mm. 73</b>	(28+45)	10	1 <b>82FR028459S</b>	<b>82FM028459S</b>
<b>L mm. 75</b>	(30+45)	10	1 <b>82FR030459S</b>	<b>82FM030459S</b>
	(35+40)	10	1 <b>82FR035409S</b>	<b>82FM035409S</b>
<b>L mm. 80</b>	(30+50)	10	1 <b>82FR030509S</b>	<b>82FM030509S</b>
	(35+45)	10	1 <b>82FR035459S</b>	<b>82FM035459S</b>
	(40+40)	10	1 <b>82FR040409S</b>	<b>82FM040409S</b>
<b>L mm. 85</b>	(30+55)	10	1 <b>82FR030559S</b>	<b>82FM030559S</b>
	(35+50)	10	1 <b>82FR035509S</b>	<b>82FM035509S</b>
	(40+45)	10	1 <b>82FR040459S</b>	<b>82FM040459S</b>
<b>L mm. 90</b>	(30+60)	10	1 <b>82FR030609S</b>	<b>82FM030609S</b>
	(35+55)	10	1 <b>82FR035559S</b>	<b>82FM035559S</b>
	(40+50)	10	1 <b>82FR040509S</b>	<b>82FM040509S</b>
	(45+45)	10	1 <b>82FR045459S</b>	<b>82FM045459S</b>
<b>L mm. 95</b>	(30+65)	10	1 <b>82FR030659S</b>	<b>82FM030659S</b>
	(35+60)	10	1 <b>82FR035609S</b>	<b>82FM035609S</b>
	(40+55)	10	1 <b>82FR040559S</b>	<b>82FM040559S</b>
	(45+50)	10	1 <b>82FR045509S</b>	<b>82FM045509S</b>
<b>L mm. 100</b>	(30+70)	10	1 <b>82FR030709S</b>	<b>82FM030709S</b>
	(35+65)	10	1 <b>82FR035659S</b>	<b>82FM035659S</b>
	(40+60)	10	1 <b>82FR040609S</b>	<b>82FM040609S</b>
	(45+55)	10	1 <b>82FR045559S</b>	<b>82FM045559S</b>
	(50+50)	10	1 <b>82FR050509S</b>	<b>82FM050509S</b>
<b>L mm. 105</b>	(30+75)	10	1 <b>82FR030759S</b>	<b>82FM030759S</b>
	(35+70)	10	1 <b>82FR035709S</b>	<b>82FM035709S</b>
	(40+65)	10	1 <b>82FR040659S</b>	<b>82FM040659S</b>
	(45+60)	10	1 <b>82FR045609S</b>	<b>82FM045609S</b>
	(50+55)	10	1 <b>82FR050559S</b>	<b>82FM050559S</b>
<b>L mm. 110</b>	(30+80)	10	1 <b>82FR030809S</b>	<b>82FM030809S</b>
	(35+75)	10	1 <b>82FR035759S</b>	<b>82FM035759S</b>

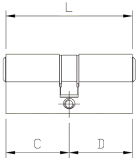
**P.S.** prices are referred to the full packaging



**Preassembled cylinders**

**F9 F90 F99 F900**

Package  
Min. ord.  
Code  
Code



			F9	F90	F99	F900
	C + D					
<b>L mm. 110</b>	(40+70)	10	1	<b>82FR040709S</b>		<b>82FM040709S</b>
	(45+65)	10	1	<b>82FR045659S</b>		<b>82FM045659S</b>
	(50+60)	10	1	<b>82FR050609S</b>		<b>82FM050609S</b>
	(55+55)	10	1	<b>82FR055559S</b>		<b>82FM055559S</b>
<b>L mm. 115</b>	(30+85)	10	1	<b>82FR030859S</b>		<b>82FM030859S</b>
	(35+80)	10	1	<b>82FR035809S</b>		<b>82FM035809S</b>
	(40+75)	10	1	<b>82FR040759S</b>		<b>82FM040759S</b>
	(45+70)	10	1	<b>82FR045709S</b>		<b>82FM045709S</b>
	(50+65)	10	1	<b>82FR050659S</b>		<b>82FM050659S</b>
	(55+60)	10	1	<b>82FR055609S</b>		<b>82FM055609S</b>
<b>L mm. 120</b>	(30+90)	10	1	<b>82FR030909S</b>		<b>82FM030909S</b>
	(35+85)	10	1	<b>82FR035859S</b>		<b>82FM035859S</b>
	(40+80)	10	1	<b>82FR040809S</b>		<b>82FM040809S</b>
	(45+75)	10	1	<b>82FR045759S</b>		<b>82FM045759S</b>
	(50+70)	10	1	<b>82FR050709S</b>		<b>82FM050709S</b>
	(55+65)	10	1	<b>82FR055659S</b>		<b>82FM055659S</b>
	(60+60)	10	1	<b>82FR060609S</b>		<b>82FM060609S</b>

**P.S.** prices are referred to the full packaging

Spare parts for

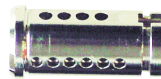
**F9 F90 F99 F900**

Code  
Min. ord.  
Package



**10 pcs. KIT.** Nickel plated matt rotor for **F9** profile cylinder.

<b>mm 28</b> key side	10	1	<b>0042239</b>
<b>mm 30</b> key side	10	1	<b>0042259</b>
<b>mm 33</b> key side	10	1	<b>0042289</b>
<b>mm 35</b> key side	10	1	<b>0042309</b>
<b>mm 40</b> key side	10	1	<b>0042359</b>
<b>mm 45</b> key side	10	1	<b>0042409</b>
<b>mm 50</b> key side	10	1	<b>0042459</b>
<b>mm 55</b> key side	10	1	<b>0042509</b>
<b>mm 60</b> key side	10	1	<b>0042559</b>
<b>mm 65</b> key side	10	1	<b>0042609</b>



**10 pcs. KIT.** Nickel plated matt rotor for **F90 - F99 - F900** profile cylinder.

<b>mm 28</b> key side	10	1	<b>0043239</b>
<b>mm 30</b> key side	10	1	<b>0043259</b>
<b>mm 33</b> key side	10	1	<b>0043289</b>
<b>mm 35</b> key side	10	1	<b>0043309</b>
<b>mm 40</b> key side	10	1	<b>0043359</b>
<b>mm 45</b> key side	10	1	<b>0043409</b>
<b>mm 50</b> key side	10	1	<b>0043459</b>
<b>mm 55</b> key side	10	1	<b>0043509</b>
<b>mm 60</b> key side	10	1	<b>0043559</b>
<b>mm 65</b> key side	10	1	<b>0043609</b>

**P.S.** prices are referred to the full packaging

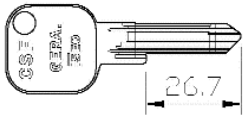
Spare parts for

**F9 F90 F99 F900**

Package

Min. ord.

Code

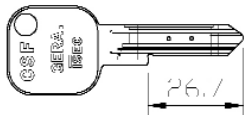


**100 pcs. KIT.** Nickel-silver blank key for **F9** cylinder.

100

1

**80FAR00000**

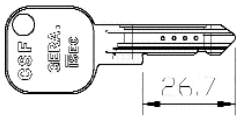


**100 pcs. KIT.** Nickel-silver blank key for **F90** cylinder.

100

1

**80FCR00000**

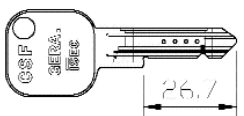


**100 pcs. KIT.** Nickel-silver blank key for **F99** cylinder.

100

1

**80FDR00000**



**100 pcs. KIT.** Nickel-silver blank key for **F900** cylinder.

100

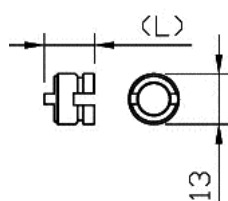
1

**80FMR00000**

### Spare parts for

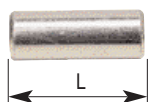
**F9 F90 F99 F900**

Code  
Min. ord.  
Package



**10 pcs. KIT.** Extension pieces for rotor **F9 - F90 - F99 - F900.**

5 mm	10	1	<b>003280</b>
10 mm	10	1	<b>003281</b>
15 mm	10	1	<b>003282</b>
20 mm	10	1	<b>003283</b>
25 mm	10	1	<b>003284</b>
30 mm	10	1	<b>003285</b>



**10 pcs. KIT.** Extension pieces for **F9 - F90 - F99 - F900** profile cylinders

5 mm lenght	10	1	<b>003211</b>
10 mm lenght	10	1	<b>003212</b>
15 mm lenght	10	1	<b>003213</b>
20 mm lenght	10	1	<b>003214</b>
25 mm lenght	10	1	<b>003215</b>
30 mm lenght	10	1	<b>003216</b>
35 mm lenght	10	1	<b>003217</b>
40 mm lenght	10	1	<b>003218</b>



**10 pcs. KIT.** clutch system, **30° DIN cam**, rings, for **F9 - F90 - F99 - F900** cylinders  
for **30+30** mm cylinders and longer sizes

10 1 **003250**

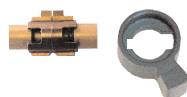
**10 pcs. KIT.** clutch system, **30° DIN cam**, rings for **F9 - F90 - F99 - F900** cylinders

for **28+28** mm cylinder

10 1 **003251**

for **28+33** mm cylinder

10 1 **003252**



**10 pcs. KIT.** clutch system, **30° DIN cam**, rings for **F9 - F90 - F99 - F900** double function cylinders

for **30+30** mm cylinder

10 1 **003207**

for **30+35** mm cylinder

10 1 **003208**

for **35+35** mm cylinder

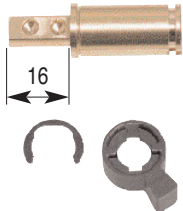
10 1 **003209**

**P.S.** prices are referred to the full packaging

Spare parts for

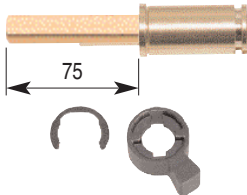
**F9 F90 F99 F900**

Code  
Min. ord.  
Package



**10 pcs. KIT.** Thumbturn kit 16 mm. spindle for **F9 - F90 - F99 - F900.**  
supplied with 30° DIN cam and rings.

<b>28 mm</b> knob side	10	1	<b>003261</b>
<b>30 mm</b> knob side	10	1	<b>003191</b>
<b>35 mm</b> knob side	10	1	<b>003192</b>
<b>40 mm</b> knob side	10	1	<b>003193</b>
<b>45 mm</b> knob side	10	1	<b>003194</b>
<b>50 mm</b> knob side	10	1	<b>003195</b>
<b>55 mm</b> knob side	10	1	<b>003262</b>
<b>60 mm</b> knob side	10	1	<b>003203</b>
<b>65 mm</b> knob side	10	1	<b>003204</b>
<b>70 mm</b> knob side	10	1	<b>003263</b>
<b>80 mm</b> knob side	10	1	<b>003205</b>



**10 pcs. KIT.** Thumbturn kit 75 mm. spindle for **F9 - F90 - F99 - F900.**  
supplied with 30° DIN cam and rings.

<b>30 mm</b> knob side	10	1	<b>003186</b>
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**10 pcs. KIT.** clutch system for knob **F9 - F90 - F99 - F900,** cylinder.

<b>28 mm</b> key side	10	1	<b>003253</b>
<b>30 mm</b> key side	10	1	<b>003196</b>
<b>33 mm</b> key side	10	1	<b>003254</b>
<b>35 mm</b> key side	10	1	<b>003197</b>
<b>40 mm</b> key side	10	1	<b>003198</b>
<b>45 mm</b> key side	10	1	<b>003199</b>
<b>50 mm</b> key side	10	1	<b>003200</b>
<b>55 mm</b> key side	10	1	<b>003201</b>
<b>60 mm</b> key side	10	1	<b>003202</b>



**10 pcs. KIT.** Extension pieces for for knob **F9 - F90 - F99 - F900,** cylinder.  
**mm 70-80** key side

	10	1	<b>003295</b>
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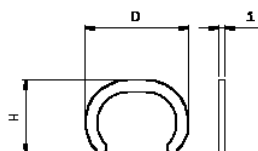
Spare parts for

**F9 F90 F99 F900**

Package

Min. ord.

Code



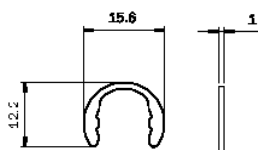
**250 pcs. KIT.** Plug retaining bass ring, for profile cylinders **F9 - F90 - F99 - F900.**

D=20 H=14 mm.1 deep

250

1

**0037001**



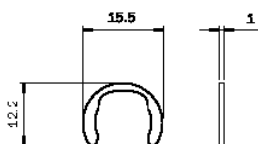
**250 pcs. KIT.** Plug retaining steel ring, for profile cylinders

**F9 - F90 - F99 - F900.** D=15,6 H=12,2 mm.1 deep

250

1

**0037011**



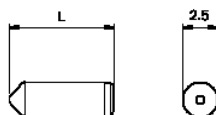
**250 pcs. KIT.** Plug retaining steel ring, knob side for profile cylinders

**F9 - F90 - F99 - F900.** D=15,5 H=12,2 mm.1 deep

250

1

**0037121**



**1000 pcs. KIT.** Stainless steel pins for **F9 - F90 - F99 - F900**

D 2,5x4,6 step 0

1000 1

**90043046VE**

D 2,5x5,1 step 1

1000 1

**90043051VE**

D 2,5x5,6 step 2

1000 1

**90043056VE**

D 2,5x6,1 step 3

1000 1

**90043061VE**

D 2,5x6,6 step 4

1000 1

**90043066VE**

D 2,5x7,1 step 5

1000 1

**90043071VE**

D 2,5x7,6 step 6

1000 1

**90043076VE**

D 2,5x8,1 step 7

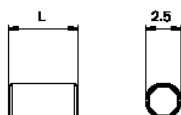
1000 1

**90043081VE**

D 2,5x8,6 step 8

1000 1

**90043086VE**

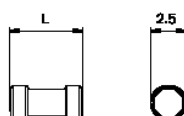


**1000 pcs. KIT.** Pick resistant brass top pins, for cylinder **F9 - F90 - F99 - F900.**

2,5x5,0 mm

1000 1

**90045056VE**



**1000 pcs. KIT.** Pick resistant brass top pins, for cylinder **F9 - F90 - F99 - F900.**

2,5x5,0 mm

1000 1

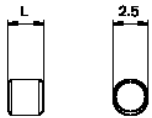
**90045050VE**

**P.S.** prices are referred to the full packaging

Spare parts for

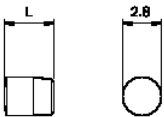
**F9 F90 F99 F900**

Package  
Min. ord.  
Code



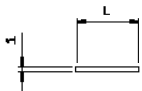
**1000 pcs. KIT.** Wafer tumbler for cylinder **F9 - F90 - F99 - F900.**

D.2,5x1,0 step 2	1000	1	<b>90044010VE</b>
D.2,5x1,5 step 3	1000	1	<b>90044015VE</b>
D.2,5x2,0 step 4	1000	1	<b>90044020VE</b>
D.2,5x2,5 step 5	1000	1	<b>90044025VE</b>
D.2,5x3,0 step 6	1000	1	<b>90044030VE</b>
D.2,5x3,5 step 7	1000	1	<b>90044035VE</b>
D.2,5x4,0 step 8	1000	1	<b>90044040VE</b>



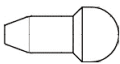
**1000 pcs. KIT.** Conical plug for cylinder **F9 - F90 - F99 - F900.**

mm 2,8x3,6	1000	1	<b>0035136</b>
mm 2,8x2,8	1000	1	<b>0035130</b>



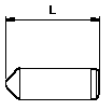
**1000 pcs. KIT.** Stainless steel pins for section key control.  
for rotor series **F9 - F90 - F99 - F900.**

D. 1,3 L=9,8 for threaded cylinder M 25	1000	1	<b>90046042VE</b>
D. 1,3 L=11,0	1000	1	<b>90046041VE</b>



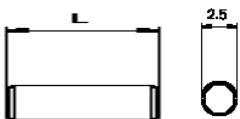
**1000 pcs. KIT.** Lateral coding pin  
for cylinders series **F90 - F99 - F900**  
L= 4,95

1000	1	<b>90046047VE</b>
------	---	-------------------



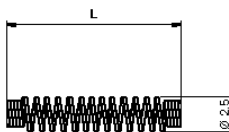
**1000 pcs. KIT.** Magnetic coding pin **F900** L= 5,6

1000	1	<b>90046044VE</b>
------	---	-------------------



**1000 pcs. KIT.** Magnetic top pin **F900** L= 13,7

1000	1	<b>90046045VE</b>
------	---	-------------------



**1000 pcs. KIT.** Spring for cylinder **F9 - F90 - F99 - F900.**  
D. 2,5x13,5

1000	1	<b>0038135</b>
------	---	----------------

**P.S.** prices are referred to the full packaging

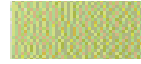
## Spare parts for

**F9 F90 F99 F900**

Code  
Min. ord.  
Package



**10 pcs. KIT. Round knob.**  
Polished and laquered brass.  
for knobset cylinder. Screw

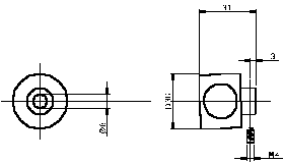


10 1 **044177**

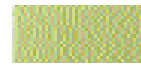
**10 pcs. KIT. Round knob.**  
Satin nickel plated brass.  
for knobset cylinder. Screw



10 1 **044179**



**10 pcs. KIT. Flat knob.**  
Polished and laquered brass.  
for knobset cylinder. Screw

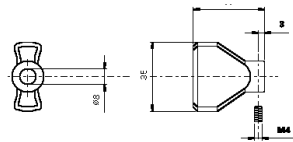


10 1 **044167**

**10 pcs. KIT. Flat knob.**  
Satin nickel plated brass.  
for knobset cylinder. Screw

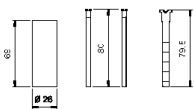


10 1 **044169**



**10 pcs. KIT. Brass extension kit for mortice round cylinder D. 26 mm**

10 1 **003020**



**P.S.** prices are referred to the full packaging



**Assembling tools for**

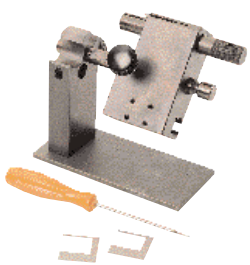
**F9 F90 F99 F900**

Package  
Min. ord.  
Code



Complete pinning kit for CSF cylinders

1 1 **90010000**



Complete coding tool for - **F9 - F90 - F99 - F900**  
cylinders with instructions and plug screwdriver

1 1 **003109**



Pinning blade for profile cylinders

**F9 - F90 - F99 - F900**

1 1 **003111**

Pinning blade for U.K. oval profile cylinders

**F9 - F90 - F99 - F900**

1 1 **003112**



Plier for rings opening for cylinder **F9 - F90 - F99 - F900**

1 1 **003104**



Plier for rings closing for cylinder **F5 - F6 - R6 - R7 - R50 - F9 - F90 - F99 - F900**

1 1 **003105**



Pliers for pins

1 1 **003106**

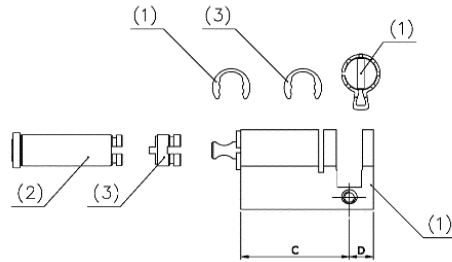


Pinning blade for **F9 - F90 - F99 - F900**

1 1 **003007**

User chart for cylinder

**F9**

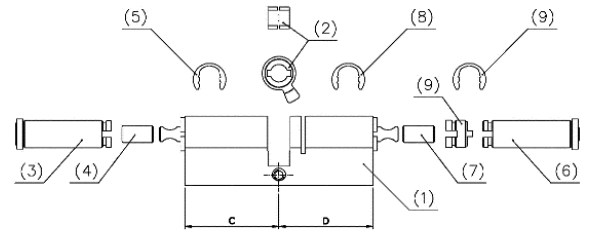


Half cylinder

		Lato C Side C			
		( 2 )		( 3 )	
Misura Cilindro Cylinder length	( 1 ) Cilindro Preassemblato Preassembled Cylinder	Cilindretto Plug		Kit Prolunga Cilindretto Extension Plug Kit	
C+D	Codice Code	Misura Length	Codice Code	mm	Codice Code
30+10	82FR030109S	30	004 2259	---	---
35+10	82FR035109S	35	004 2309	---	---
40+10	82FR040109S	40	004 2359	---	---
45+10	82FR045109S	45	004 2409	---	---
50+10	82FR050109S	50	004 2459	---	---
55+10	82FR055109S	55	004 2509	---	---
60+10	82FR060109S	60	004 2559	---	---
65+10	82FR065109S	65	004 2609	---	---
70+10	82FR070109S	60	004 2559	10	003 281
75+10	82FR075109S	60	004 2559	15	003 282
80+10	82FR080109S	60	004 2559	20	003 283
85+10	82FR085109S	60	004 2559	25	003 284
90+10	82FR090109S	60	004 2559	30	003 285

User chart for cylinder

**F9**

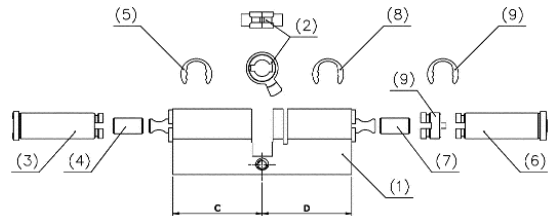


**Double profile cylinder**

		Lato C Side C					Lato D Side D						
(1)	(2)	(3)		(4)		(5)	(6)		(7)		(8)	(9)	
Cilindro Preassemblato Preassembled Cylinder	Kit Snodino Clutch Kit	Cilindretto Plug		Distanziatore Extension		Anello Ring	Cilindretto Plug		Distanziatore Extension		Anello Ring	Kit Prolunga Cilindretto Extension Plug Kit	
Codice Code	Codice Code	Misura Length	Codice Code	mm	Codice Code	Codice Code	Misura Length	Codice Code	mm	Codice Code	Codice Code	mm	Codice Code
82FR028289S	003 251	28	004 2239	---	---	0037011	28	004 2239	---	---	0037011	---	---
82FR028339S	003 252	28	004 2239	---	---	0037011	33	004 2289	---	---	0037011	---	---
82FR028359S	003 251	28	004 2239	---	---	0037011	35	004 2309	5	003 211	0037011	---	---
82FR028409S	003 251	28	004 2239	---	---	0037011	40	004 2359	10	003 212	0037011	---	---
82FR028459S	003 251	28	004 2239	---	---	0037011	45	004 2409	15	003 213	0037011	---	---
82FR030309S	003 250	30	004 2259	---	---	0037001	30	004 2259	---	---	0037001	---	---
82FR030359S	003 250	30	004 2259	---	---	0037001	35	004 2309	5	003 211	0037001	---	---
82FR030409S	003 250	30	004 2259	---	---	0037001	40	004 2359	10	003 212	0037001	---	---
82FR030459S	003 250	30	004 2259	---	---	0037001	45	004 2409	15	003 213	0037001	---	---
82FR030509S	003 250	30	004 2259	---	---	0037001	50	004 2459	20	003 214	0037001	---	---
82FR030559S	003 250	30	004 2259	---	---	0037001	55	004 2509	25	003 215	0037001	---	---
82FR030609S	003 250	30	004 2259	---	---	0037001	60	004 2559	30	003 216	0037001	---	---
82FR030659S	003 250	30	004 2259	---	---	0037001	65	004 2609	35	003 217	0037001	---	---
82FR030709S	003 250	30	004 2259	---	---	0037001	80	004 2559	40	003 218	0037001	10	003 281
82FR030759S	003 250	30	004 2259	---	---	0037001	80	004 2559	15+30	003 213+003 216	0037001	15	003 282
82FR030809S	003 250	30	004 2259	---	---	0037001	60	004 2559	25+25	003 215+003 215	0037001	20	003 283
82FR030859S	003 250	30	004 2259	---	---	0037001	60	004 2559	25+30	003 215+003 216	0037001	25	003 284
82FR030909S	003 250	30	004 2259	---	---	0037001	80	004 2559	30+30	003 216+003 216	0037001	30	003 285
82FR035359S	003 250	35	004 2309	5	003 211	0037001	35	004 2309	5	003 211	0037001	---	---
82FR035409S	003 250	35	004 2309	5	003 211	0037001	40	004 2359	10	003 212	0037001	---	---
82FR035459S	003 250	35	004 2309	5	003 211	0037001	45	004 2409	15	003 213	0037001	---	---
82FR035509S	003 250	35	004 2309	5	003 211	0037001	50	004 2459	20	003 214	0037001	---	---
82FR035559S	003 250	35	004 2309	5	003 211	0037001	55	004 2509	25	003 215	0037001	---	---
82FR035609S	003 250	35	004 2309	5	003 211	0037001	60	004 2559	30	003 216	0037001	---	---
82FR035659S	003 250	35	004 2309	5	003 211	0037001	65	004 2609	35	003 217	0037001	---	---
82FR035709S	003 250	35	004 2309	5	003 211	0037001	80	004 2559	40	003 218	0037001	10	003 281
82FR035759S	003 250	35	004 2309	5	003 211	0037001	80	004 2559	15+30	003 213+003 216	0037001	15	003 282
82FR035809S	003 250	35	004 2309	5	003 211	0037001	60	004 2559	25+25	003 215+003 215	0037001	20	003 283
82FR035859S	003 250	35	004 2309	5	003 211	0037001	60	004 2559	25+30	003 215+003 216	0037001	25	003 284
82FR040409S	003 250	40	004 2359	10	003 212	0037001	40	004 2359	10	003 212	0037001	---	---
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82FR040609S	003 250	40	004 2359	10	003 212	0037001	60	004 2559	30	003 216	0037001	---	---
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82FR040759S	003 250	40	004 2359	10	003 212	0037001	60	004 2559	15+30	003 213+003 216	0037001	15	003 282
82FR040809S	003 250	40	004 2359	10	003 212	0037001	80	004 2559	25+25	003 215+003 215	0037001	20	003 283
82FR045459S	003 250	45	004 2409	15	003 213	0037001	45	004 2409	15	003 213	0037001	---	---
82FR045509S	003 250	45	004 2409	15	003 213	0037001	50	004 2459	20	003 214	0037001	---	---
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82FR045609S	003 250	45	004 2409	15	003 213	0037001	60	004 2559	30	003 216	0037001	---	---
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82FR045709S	003 250	45	004 2409	15	003 213	0037001	60	004 2559	40	003 218	0037001	10	003 281
82FR045759S	003 250	45	004 2409	15	003 213	0037001	60	004 2559	15+30	003 213+003 216	0037001	15	003 282
82FR050509S	003 250	50	004 2459	20	003 214	0037001	50	004 2459	20	003 214	0037001	---	---
82FR050559S	003 250	50	004 2459	20	003 214	0037001	55	004 2509	25	003 215	0037001	---	---
82FR050609S	003 250	50	004 2459	20	003 214	0037001	60	004 2559	30	003 216	0037001	---	---
82FR050659S	003 250	50	004 2459	20	003 214	0037001	65	004 2609	35	003 217	0037001	---	---
82FR050709S	003 250	50	004 2459	20	003 214	0037001	80	004 2559	40	003 218	0037001	10	003 281
82FR055559S	003 250	55	004 2509	25	003 215	0037001	55	004 2509	25	003 215	0037001	---	---
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82FR055659S	003 250	55	004 2509	25	003 215	0037001	65	004 2609	35	003 217	0037001	---	---
82FR060609S	003 250	60	004 2509	30	003 216	0037001	60	004 2559	30	003 216	0037001	---	---

### User chart for cylinder

**F9**

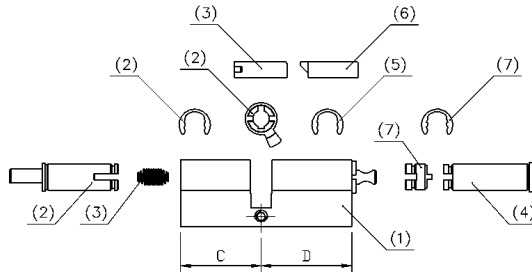


### Double function profile cylinder

		Lato C Side C					Lato D Side D							
(1)	(2)	(3)		(4)		(5)	(6)		(7)		(8)	(9)		
Cilindro Preassemblato Preassembled Cylinder	Kit Snodino D.F. Double Kit Function	Cilindretto Plug		Distanziatore Extension		Anello Ring	Cilindretto Plug		Distanziatore Extension		Anello Ring	Kit Prolunga Cilindretto Extension Plug Kit		
Codice Code	Misura Length	Codice Code	Misura Length	Codice Code	mm	Codice Code	Codice Code	Misura Length	Codice Code	mm	Codice Code	Codice Code	mm	Codice Code
82FR030309S	30+30	003 207	30	004 2259	---	---	0037001	30	004 2259	---	---	0037001	---	---
82FR030359S	30+35	003 208	30	004 2259	---	---	0037001	35	004 2309	---	---	0037001	---	---
82FR030409S	30+35	003 208	30	004 2259	---	---	0037001	40	004 2359	5	003 211	0037001	---	---
82FR030459S	30+35	003 208	30	004 2259	---	---	0037001	45	004 2409	10	003 212	0037001	---	---
82FR030509S	30+35	003 208	30	004 2259	---	---	0037001	50	004 2459	15	003 213	0037001	---	---
82FR030559S	30+35	003 208	30	004 2259	---	---	0037001	55	004 2509	20	003 214	0037001	---	---
82FR030609S	30+35	003 208	30	004 2259	---	---	0037001	60	004 2559	25	003 215	0037001	---	---
82FR030659S	30+35	003 208	30	004 2259	---	---	0037001	65	004 2609	30	003 216	0037001	---	---
82FR030709S	30+35	003 208	30	004 2259	---	---	0037001	70	004 2659	35	003 217	0037001	10	003 281
82FR030759S	30+35	003 208	30	004 2259	---	---	0037001	75	004 2659	40	003 218	0037001	15	003 282
82FR030809S	30+35	003 208	30	004 2259	---	---	0037001	80	004 2659	15+30	003 213+003 216	0037001	20	003 283
82FR030859S	30+35	003 208	30	004 2259	---	---	0037001	85	004 2659	25+25	003 216+003 215	0037001	25	003 284
82FR030909S	30+35	003 208	30	004 2259	---	---	0037001	90	004 2659	25+30	003 215+003 216	0037001	30	003 285
82FR035359S	35+35	003 209	35	004 2309	---	---	0037001	35	004 2309	---	---	0037001	---	---
82FR035409S	35+35	003 209	35	004 2309	---	---	0037001	40	004 2359	5	003 211	0037001	---	---
82FR035459S	35+35	003 209	35	004 2309	---	---	0037001	45	004 2409	10	003 212	0037001	---	---
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82FR035659S	35+35	003 209	35	004 2309	---	---	0037001	65	004 2609	30	003 216	0037001	---	---
82FR035709S	35+35	003 209	35	004 2309	---	---	0037001	70	004 2559	35	003 217	0037001	10	003 281
82FR035759S	35+35	003 209	35	004 2309	---	---	0037001	75	004 2559	40	003 218	0037001	15	003 282
82FR035809S	35+35	003 209	35	004 2309	---	---	0037001	80	004 2559	15+30	003 213+003 216	0037001	20	003 283
82FR035859S	35+35	003 209	35	004 2309	---	---	0037001	85	004 2559	25+25	003 215+003 215	0037001	25	003 284
82FR040409S	35+35	003 209	40	004 2359	5	003 211	0037001	40	004 2359	5	003 211	0037001	---	---
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82FR040759S	35+35	003 209	40	004 2359	5	003 211	0037001	75	004 2559	40	003 218	0037001	15	003 282
82FR040809S	35+35	003 209	40	004 2359	5	003 211	0037001	80	004 2559	15+30	003 213+003 216	0037001	20	003 283
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82FR045559S	35+35	003 209	45	004 2409	10	003 212	0037001	55	004 2509	20	003 214	0037001	---	---
82FR045609S	35+35	003 209	45	004 2409	10	003 212	0037001	60	004 2559	25	003 215	0037001	---	---
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82FR045709S	35+35	003 209	45	004 2409	10	003 212	0037001	70	004 2559	35	003 217	0037001	10	003 281
82FR045759S	35+35	003 209	45	004 2409	10	003 212	0037001	75	004 2559	40	003 218	0037001	15	003 282
82FR050509S	35+35	003 209	50	004 2459	15	003 213	0037001	50	004 2459	15	003 213	0037001	---	---
82FR050559S	35+35	003 209	50	004 2459	15	003 213	0037001	55	004 2509	20	003 214	0037001	---	---
82FR050609S	35+35	003 209	50	004 2459	15	003 213	0037001	60	004 2559	25	003 215	0037001	---	---
82FR050659S	35+35	003 209	50	004 2459	15	003 213	0037001	65	004 2609	30	003 216	0037001	---	---
82FR050709S	35+35	003 209	50	004 2459	15	003 213	0037001	70	004 2559	35	003 217	0037001	10	003 281
82FR055559S	35+35	003 209	55	004 2509	20	003 214	0037001	55	004 2509	20	003 214	0037001	---	---
82FR055609S	35+35	003 209	55	004 2509	20	003 214	0037001	60	004 2559	25	003 215	0037001	---	---
82FR055659S	35+35	003 209	55	004 2509	20	003 214	0037001	65	004 2609	30	003 216	0037001	---	---
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## User chart for cylinder

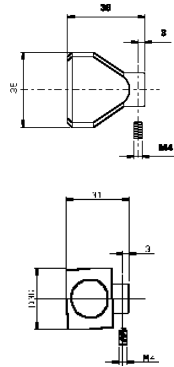
# F9



### Pre-set for knob

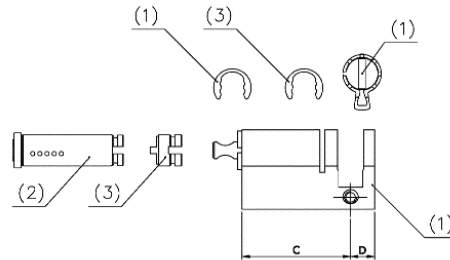
Misura Cilindro Cylinder Længdif	Cilindro Preassemblato Preassembled Cylinder Codice	Lato C Side C		Lato D Side D				
		(2)		(3)		(4)		(5)
		Misura Længdif	Codice	Misura Længdif	Codice	Misura Længdif	Codice	Codice
28+28	82FR028289S	28	003 261	28	003 253	28	004 2239	0037011
28+33	82FR028339S	28	003 261	33	003 254	33	004 2289	0037011
30+30	82FR030309S	30	003 191 003 196	30	003 196	30	004 2259	0037011 0037011
30+35	82FR030359S	30	003 191 003 196	35	003 197	35	004 2309	0037011 0037011
30+40	82FR030409S	30	003 191 003 196	40	003 198	40	004 2359	0037011 0037011
30+45	82FR030459S	30	003 191 003 196	45	003 199	45	004 2409	0037011 0037011
30+50	82FR030509S	30	003 191 003 196	50	003 200	50	004 2459	0037011 0037011
30+55	82FR030559S	30	003 191 003 196	55	003 201	55	004 2509	0037011 0037011
30+60	82FR030609S	30	003 191 003 196	60	003 202	60	004 2559	0037011 0037011
30+65	82FR030659S	30	003 191 003 196	65	003 255	65	004 2809	0037011 0037011
30+70	82FR030709S	30	003 191 003 196	45 + 25	003 199 + 003 295 (6)	60 + 10	004 2559 + 003 281 (7)	0037011
30+80	82FR030809S	30	003 191 003 196	55 + 25	003 201 + 003 295 (6)	60 + 20	004 2559 + 003 293 (7)	0037011
35+28	82FR035289S	35	003 192	28	003 253	28	004 2239	0037011
35+30	82FR035309S	35	003 192	30	003 196	30	004 2259	0037001
35+35	82FR035359S	35	003 192	35	003 197	35	004 2309	0037001
40+28	82FR040289S	40	003 193	28	003 253	28	004 2239	0037001
40+30	82FR040309S	40	003 193	30	003 196	30	004 2259	0037001
40+35	82FR040359S	40	003 193	35	003 197	35	004 2309	0037001
40+40	82FR040409S	40	003 193	40	003 198	40	004 2359	0037001
45+28	82FR045289S	45	003 194	28	003 253	28	004 2239	0037001
45+30	82FR045309S	45	003 194	30	003 196	30	004 2259	0037001
45+35	82FR045359S	45	003 194	35	003 197	35	004 2309	0037001
45+40	82FR045409S	45	003 194	40	003 198	40	004 2359	0037001
45+45	82FR045459S	45	003 194	45	003 199	45	004 2409	0037001
50+30	82FR050309S	50	003 195	30	003 196	30	004 2259	0037001
50+35	82FR050359S	50	003 195	35	003 197	35	004 2309	0037001
50+40	82FR050409S	50	003 195	40	003 198	40	004 2359	0037001
50+45	82FR050459S	50	003 195	45	003 199	45	004 2409	0037001
50+50	82FR050509S	50	003 195	50	003 200	50	004 2459	0037001
55+30	82FR055309S	55	003 262	30	003 196	30	004 2259	0037001
55+35	82FR055359S	55	003 262	35	003 197	35	004 2309	0037001
55+40	82FR055409S	55	003 262	40	003 198	40	004 2359	0037001
55+45	82FR055459S	55	003 262	45	003 199	45	004 2409	0037001
55+50	82FR055509S	55	003 262	50	003 200	50	004 2459	0037001
55+55	82FR055559S	55	003 262	55	003 201	55	004 2509	0037001
55+65	82FR055659S	55	003 262	65	003 255	65	004 2809	0037001
60+30	82FR060309S	60	003 203	30	003 196	30	004 2259	0037001
60+35	82FR060359S	60	003 203	35	003 197	35	004 2309	0037001
60+40	82FR060409S	60	003 203	40	003 198	40	004 2359	0037001
60+45	82FR060459S	60	003 203	45	003 199	45	004 2409	0037001
60+50	82FR060509S	60	003 203	50	003 200	50	004 2459	0037001
60+55	82FR060559S	60	003 203	55	003 201	55	004 2509	0037001
60+60	82FR060609S	60	003 203	60	003 202	60	004 2559	0037001
65+30	82FR065309S	65	003 204	30	003 196	30	004 2259	0037001
65+35	82FR065359S	65	003 204	35	003 197	35	004 2309	0037001
65+40	82FR065409S	65	003 204	40	003 198	40	004 2359	0037001
65+45	82FR065459S	65	003 204	45	003 199	45	004 2409	0037001
65+50	82FR065509S	65	003 204	50	003 200	50	004 2459	0037001
65+55	82FR065559S	65	003 204	55	003 201	55	004 2509	0037001
70+30	82FR070309S	70	003 263	30	003 196	30	004 2259	0037001
70+35	82FR070359S	70	003 263	35	003 197	35	004 2309	0037001
70+40	82FR070409S	70	003 263	40	003 198	40	004 2359	0037001
70+45	82FR070459S	70	003 263	45	003 199	45	004 2409	0037001
70+50	82FR070509S	70	003 263	50	003 200	50	004 2459	0037001
80+30	82FR080309S	80	003 205	30	003 196	30	004 2259	0037001
80+35	82FR080359S	80	003 205	35	003 197	35	004 2309	0037001
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User chart for cylinders

**F90 F99**

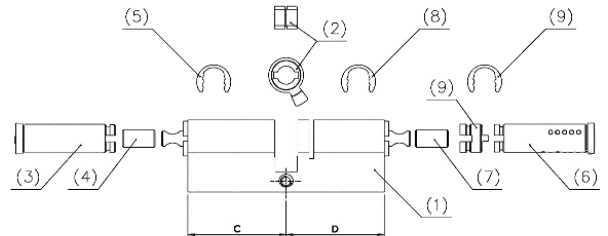


Half cylinder

Misura Cilindro Cylinder length	(1) Cilindro Preassemblato Preassembled Cylinder	Lato C Side C			
		(2) Cilindretto Plug		(3) Kit Prolunga Cilindretto Extension Plug Kit	
		Misura Length	Codice Code	mm	Codice Code
C+D	Codice Code				
30+10	82FR030109S	30	004 3259	---	---
35+10	82FR035109S	35	004 3309	---	---
40+10	82FR040109S	40	004 3359	---	---
45+10	82FR045109S	45	004 3409	---	---
50+10	82FR050109S	50	004 3459	---	---
55+10	82FR055109S	55	004 3509	---	---
60+10	82FR060109S	60	004 3559	---	---
65+10	82FR065109S	65	004 3609	---	---
70+10	82FR070109S	60	004 3559	10	003 281
75+10	82FR075109S	60	004 3559	15	003 282
80+10	82FR080109S	60	004 3559	20	003 283
85+10	82FR085109S	60	004 3559	25	003 284
90+10	82FR090109S	60	004 355 <sup>A</sup>	30	003 285

User chart for cylinders

**F90 F99**

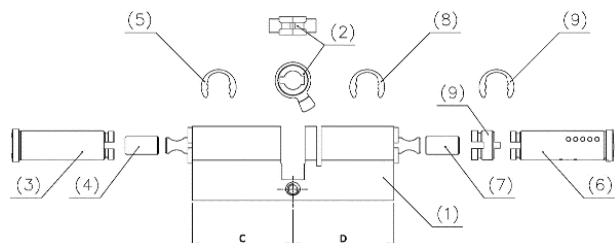


**Double profile cylinder**

		Lato C Side C					Lato D Side D						
(1)	(2)	(3)		(4)		(5)	(6)		(7)		(8)	(9)	
Cilindro Preassemblato Preassembled Cylinder	Kit Snodino Clutch Kit	Cilindretto Plug		Distanziatore Extension		Anello Ring	Cilindretto Plug		Distanziatore Extension		Anello Ring	Kit Prolunga Cilindretto Extension Plug Kit	
Codice Code	Codice Code	Misura Lenght	Codice Code	mm	Codice Code	Codice Code	Misura Lenght	Codice Code	mm	Codice Code	Codice Code	mm	Codice Code
82FR028289S	003 251	28	004 3239	---	---	0037001	28	004 3239	---	---	0037001	---	---
82FR028339S	003 252	28	004 3239	---	---	0037001	33	004 3289	---	---	0037001	---	---
82FR028359S	003 251	28	004 3239	---	---	0037001	35	004 3309	5	003 211	0037001	---	---
82FR028409S	003 251	28	004 3239	---	---	0037001	40	004 3359	10	003 212	0037001	---	---
82FR028459S	003 251	28	004 3239	---	---	0037001	45	004 3409	15	003 213	0037001	---	---
82FR030309S	003 250	30	004 3259	---	---	0037001	30	004 3259	---	---	0037001	---	---
82FR030359S	003 250	30	004 3259	---	---	0037001	35	004 3309	5	003 211	0037001	---	---
82FR030409S	003 250	30	004 3259	---	---	0037001	40	004 3369	10	003 212	0037001	---	---
82FR030459S	003 250	30	004 3259	---	---	0037001	45	004 3409	15	003 213	0037001	---	---
82FR030509S	003 250	30	004 3259	---	---	0037001	50	004 3469	20	003 214	0037001	---	---
82FR030559S	003 250	30	004 3259	---	---	0037001	55	004 3509	25	003 215	0037001	---	---
82FR030609S	003 250	30	004 3259	---	---	0037001	60	004 3559	30	003 216	0037001	---	---
82FR030659S	003 250	30	004 3259	---	---	0037001	65	004 3609	35	003 217	0037001	---	---
82FR030709S	003 250	30	004 3259	---	---	0037001	60	004 3559	40	003 218	0037001	10	003 281
82FR030759S	003 250	30	004 3259	---	---	0037001	60	004 3559	15+30	003 213+003 216	0037001	15	003 282
82FR030809S	003 250	30	004 3259	---	---	0037001	60	004 3559	25+25	003 215+003 216	0037001	20	003 283
82FR030859S	003 250	30	004 3259	---	---	0037001	60	004 3559	25+30	003 215+003 216	0037001	25	003 284
82FR030909S	003 250	30	004 3259	---	---	0037001	60	004 3559	30+30	003 216+003 216	0037001	30	003 285
82FR036359S	003 250	35	004 3309	5	003 211	0037001	35	004 3309	5	003 211	0037001	---	---
82FR035409S	003 250	35	004 3309	5	003 211	0037001	40	004 3359	10	003 212	0037001	---	---
82FR035459S	003 250	35	004 3309	5	003 211	0037001	45	004 3409	15	003 213	0037001	---	---
82FR035509S	003 250	35	004 3309	5	003 211	0037001	50	004 3459	20	003 214	0037001	---	---
82FR035559S	003 250	35	004 3309	5	003 211	0037001	55	004 3509	25	003 215	0037001	---	---
82FR035609S	003 250	35	004 3309	5	003 211	0037001	60	004 3569	30	003 216	0037001	---	---
82FR035659S	003 250	35	004 3309	5	003 211	0037001	65	004 3609	35	003 217	0037001	---	---
82FR035709S	003 250	35	004 3309	5	003 211	0037001	60	004 3569	40	003 218	0037001	10	003 281
82FR035759S	003 250	35	004 3309	5	003 211	0037001	60	004 3569	15+30	003 213+003 216	0037001	15	003 282
82FR035809S	003 250	35	004 3309	5	003 211	0037001	60	004 3569	25+25	003 215+003 215	0037001	20	003 283
82FR035859S	003 250	35	004 3309	5	003 211	0037001	60	004 3569	25+30	003 215+003 216	0037001	25	003 284
82FR040409S	003 250	40	004 3359	10	003 212	0037001	40	004 3359	10	003 212	0037001	---	---
82FR040459S	003 250	40	004 3359	10	003 212	0037001	45	004 3409	15	003 213	0037001	---	---
82FR040509S	003 250	40	004 3359	10	003 212	0037001	50	004 3469	20	003 214	0037001	---	---
82FR040559S	003 250	40	004 3359	10	003 212	0037001	55	004 3609	25	003 215	0037001	---	---
82FR040609S	003 250	40	004 3359	10	003 212	0037001	60	004 3669	30	003 216	0037001	---	---
82FR040659S	003 250	40	004 3359	10	003 212	0037001	65	004 3609	35	003 217	0037001	---	---
82FR040709S	003 250	40	004 3359	10	003 212	0037001	60	004 3559	40	003 218	0037001	10	003 281
82FR040759S	003 250	40	004 3359	10	003 212	0037001	60	004 3559	15+30	003 213+003 216	0037001	15	003 282
82FR040809S	003 250	40	004 3359	10	003 212	0037001	60	004 3559	25+25	003 215+003 215	0037001	20	003 283
82FR045459S	003 250	45	004 3409	15	003 213	0037001	45	004 3409	15	003 213	0037001	---	---
82FR045509S	003 250	45	004 3409	15	003 213	0037001	50	004 3469	20	003 214	0037001	---	---
82FR045559S	003 250	45	004 3409	15	003 213	0037001	55	004 3609	25	003 215	0037001	---	---
82FR045609S	003 250	45	004 3409	15	003 213	0037001	60	004 3669	30	003 216	0037001	---	---
82FR045659S	003 250	45	004 3409	15	003 213	0037001	65	004 3609	35	003 217	0037001	---	---
82FR045709S	003 250	45	004 3409	15	003 213	0037001	60	004 3559	40	003 218	0037001	10	003 281
82FR045759S	003 250	45	004 3409	15	003 213	0037001	60	004 3559	15+30	003 213+003 216	0037001	15	003 282
82FR050509S	003 250	50	004 3459	20	003 214	0037001	50	004 3459	20	003 214	0037001	---	---
82FR050559S	003 250	50	004 3459	20	003 214	0037001	55	004 3509	25	003 215	0037001	---	---
82FR050609S	003 250	50	004 3459	20	003 214	0037001	60	004 3569	30	003 216	0037001	---	---
82FR050659S	003 250	50	004 3459	20	003 214	0037001	65	004 3609	35	003 217	0037001	---	---
82FR050709S	003 250	50	004 3459	20	003 214	0037001	60	004 3569	40	003 218	0037001	10	003 281
82FR055559S	003 250	55	004 3509	25	003 215	0037001	55	004 3509	25	003 215	0037001	---	---
82FR055609S	003 250	55	004 3509	25	003 215	0037001	60	004 3559	30	003 216	0037001	---	---
82FR055659S	003 250	55	004 3509	25	003 215	0037001	65	004 3609	35	003 217	0037001	---	---
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User chart for cylinders

**F90 F99**



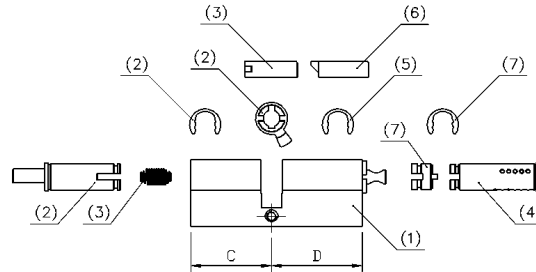
**Double function profile cylinder**

		Lato C Side C					Lato D Side D							
(1)	(2)	(3)		(4)		(5)	(6)		(7)		(8)	(9)		
Cilindro Preassemblato Preassembled Cylinder	Kit Snodino D.F. Double Kit Function	Cilindretto Plug		Distanziatore Extension		Anello Ring	Cilindretto Plug		Distanziatore Extension		Anello Ring	Kit Prolunga Cilindretto Extension Plug Kit		
Codice Code	Misura Lenght	Misura Lenght	Codice Code	mm	Codice Code	Codice Code	Misura Lenght	Codice Code	mm	Codice Code	Codice Code	mm	Codice Code	
82FR030309S	30+30	003 207	30	004 3259	---	---	0037001	30	004 3259	---	---	0037001	---	---
82FR030359S	30+35	003 208	30	004 3259	---	---	0037001	35	004 3309	---	---	0037001	---	---
82FR030409S	30+35	003 208	30	004 3259	---	---	0037001	40	004 3359	5	003 211	0037001	---	---
82FR030459S	30+35	003 208	30	004 3259	---	---	0037001	45	004 3409	10	003 212	0037001	---	---
82FR030509S	30+35	003 208	30	004 3259	---	---	0037001	50	004 3459	15	003 213	0037001	---	---
82FR030559S	30+35	003 208	30	004 3259	---	---	0037001	55	004 3509	20	003 214	0037001	---	---
82FR030609S	30+35	003 208	30	004 3259	---	---	0037001	60	004 3559	25	003 215	0037001	---	---
82FR030659S	30+35	003 208	30	004 3259	---	---	0037001	65	004 3609	30	003 216	0037001	---	---
82FR030709S	30+35	003 208	30	004 3259	---	---	0037001	70	004 3559	35	003 217	0037001	10	003 281
82FR030759S	30+35	003 208	30	004 3259	---	---	0037001	75	004 3559	40	003 218	0037001	15	003 282
82FR030809S	30+35	003 208	30	004 3259	---	---	0037001	80	004 3559	15+30	003 213+003 216	0037001	20	003 283
82FR030859S	30+35	003 208	30	004 3259	---	---	0037001	85	004 3559	25+25	003 215+003 215	0037001	25	003 284
82FR030909S	30+35	003 208	30	004 3259	---	---	0037001	90	004 3559	25+30	003 215+003 216	0037001	30	003 285
82FR036359S	35+35	003 209	35	004 3309	---	---	0037001	35	004 3309	---	---	0037001	---	---
82FR036409S	35+35	003 209	35	004 3309	---	---	0037001	40	004 3359	5	003 211	0037001	---	---
82FR036459S	35+35	003 209	35	004 3309	---	---	0037001	45	004 3409	10	003 212	0037001	---	---
82FR036509S	35+35	003 209	35	004 3309	---	---	0037001	50	004 3459	15	003 213	0037001	---	---
82FR036559S	35+35	003 209	35	004 3309	---	---	0037001	55	004 3509	20	003 214	0037001	---	---
82FR036609S	35+35	003 209	35	004 3309	---	---	0037001	60	004 3559	25	003 215	0037001	---	---
82FR036659S	35+35	003 209	35	004 3309	---	---	0037001	65	004 3609	30	003 216	0037001	---	---
82FR036709S	35+35	003 209	35	004 3309	---	---	0037001	70	004 3559	35	003 217	0037001	10	003 281
82FR036759S	35+35	003 209	35	004 3309	---	---	0037001	75	004 3559	40	003 218	0037001	15	003 282
82FR036809S	35+35	003 209	35	004 3309	---	---	0037001	80	004 3559	15+30	003 213+003 216	0037001	20	003 283
82FR036859S	35+35	003 209	35	004 3309	---	---	0037001	85	004 3559	25+25	003 215+003 215	0037001	25	003 284
82FR040409S	35+35	003 209	40	004 3359	5	003 211	0037001	40	004 3359	5	003 211	0037001	---	---
82FR040459S	35+35	003 209	40	004 3359	5	003 211	0037001	45	004 3409	10	003 212	0037001	---	---
82FR040509S	35+35	003 209	40	004 3359	5	003 211	0037001	50	004 3459	15	003 213	0037001	---	---
82FR040559S	35+35	003 209	40	004 3359	5	003 211	0037001	55	004 3509	20	003 214	0037001	---	---
82FR040609S	35+35	003 209	40	004 3359	5	003 211	0037001	60	004 3559	25	003 215	0037001	---	---
82FR040659S	35+35	003 209	40	004 3359	5	003 211	0037001	65	004 3609	30	003 216	0037001	---	---
82FR040709S	35+35	003 209	40	004 3359	5	003 211	0037001	70	004 3559	35	003 217	0037001	10	003 281
82FR040759S	35+35	003 209	40	004 3359	5	003 211	0037001	75	004 3559	40	003 218	0037001	15	003 282
82FR040809S	35+35	003 209	40	004 3359	5	003 211	0037001	80	004 3559	15+30	003 213+003 216	0037001	20	003 283
82FR045459S	35+35	003 209	45	004 3409	10	003 212	0037001	45	004 3409	10	003 212	0037001	---	---
82FR045509S	35+35	003 209	45	004 3409	10	003 212	0037001	50	004 3459	15	003 213	0037001	---	---
82FR045559S	35+35	003 209	45	004 3409	10	003 212	0037001	55	004 3509	20	003 214	0037001	---	---
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82FR046659S	35+35	003 209	45	004 3409	10	003 212	0037001	65	004 3609	30	003 216	0037001	---	---
82FR046709S	35+35	003 209	45	004 3409	10	003 212	0037001	70	004 3559	35	003 217	0037001	10	003 281
82FR046759S	35+35	003 209	45	004 3409	10	003 212	0037001	75	004 3559	40	003 218	0037001	15	003 282
82FR050509S	35+35	003 209	50	004 3459	15	003 213	0037001	50	004 3459	15	003 213	0037001	---	---
82FR050559S	35+35	003 209	50	004 3459	15	003 213	0037001	55	004 3509	20	003 214	0037001	---	---
82FR050609S	35+35	003 209	50	004 3459	15	003 213	0037001	60	004 3559	25	003 215	0037001	---	---
82FR050659S	35+35	003 209	50	004 3459	15	003 213	0037001	65	004 3609	30	003 216	0037001	---	---
82FR050709S	35+35	003 209	50	004 3459	15	003 213	0037001	70	004 3559	35	003 217	0037001	10	003 281
82FR056559S	35+35	003 209	55	004 3509	20	003 214	0037001	55	004 3509	20	003 214	0037001	---	---
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82FR056659S	35+35	003 209	55	004 3509	20	003 214	0037001	65	004 3609	30	003 216	0037001	---	---
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User chart for cylinders

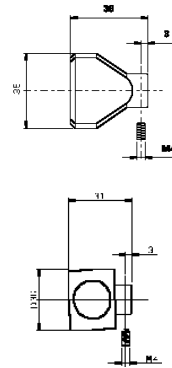
**F90 F99**



Pre-set for knob

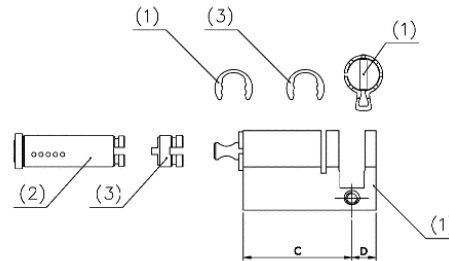
Misura Cilindro Cylinder lungditi	Lato C Side C		Lato D Side D					
	(1)	(2)	(3)		(4)	(5)		
	Cilindro Preassemblato Cylinder	Kit Pomolo Knob Kit	Misura Lungditi	Codice Code	Misura Lungditi	Codice Code	Misura Lungditi	Codice Code
28+28	82FR028289S	28	003 261	28	003 253	28	004 3239	0037011
28+33	82FR028339S	28	003 261	33	003 254	33	004 3239	0037011
30+30	82FR030309S	30	003 181	30	003 196	30	004 3259	0037011
30+35	82FR030359S	30	003 181	35	003 197	35	004 3309	0037011
30+40	82FR030409S	30	003 181	40	003 198	40	004 3359	0037011
30+45	82FR030459S	30	003 181	45	003 199	45	004 3409	0037011
30+50	82FR030509S	30	003 181	50	003 200	50	004 3459	0037011
30+55	82FR030559S	30	003 181	55	003 201	55	004 3509	0037011
30+60	82FR030609S	30	003 181	60	003 202	60	004 3559	0037011
30+65	82FR030659S	30	003 181	65	003 255	65	004 3609	0037011
30+70	82FR030709S	30	003 181	45 + 25	003 199 + 003 295 (6)	60 + 10	004 3559 + 003 281 (7)	0037011
30+80	82FR030809S	30	003 181	55 + 25	003 201 + 003 295 (6)	60 + 20	004 3559 + 003 283 (7)	0037011
35+28	82FR035289S	35	003 182	28	003 253	28	004 3239	0037001
35+30	82FR035309S	35	003 182	30	003 196	30	004 3259	0037001
35+35	82FR035359S	35	003 182	35	003 197	35	004 3309	0037001
40+28	82FR040289S	40	003 193	28	003 253	28	004 3239	0037001
40+30	82FR040309S	40	003 193	30	003 196	30	004 3259	0037001
40+35	82FR040359S	40	003 193	35	003 197	35	004 3309	0037001
40+40	82FR040409S	40	003 193	40	003 198	40	004 3359	0037001
45+28	82FR045289S	45	003 194	28	003 253	28	004 3239	0037001
45+30	82FR045309S	45	003 194	30	003 196	30	004 3259	0037001
45+35	82FR045359S	45	003 194	35	003 197	35	004 3309	0037001
45+40	82FR045409S	45	003 194	40	003 198	40	004 3359	0037001
45+45	82FR045459S	45	003 194	45	003 199	45	004 3409	0037001
50+30	82FR050309S	50	003 195	30	003 196	30	004 3259	0037001
50+35	82FR050359S	50	003 195	35	003 197	35	004 3309	0037001
50+40	82FR050409S	50	003 195	40	003 198	40	004 3359	0037001
50+45	82FR050459S	50	003 195	45	003 199	45	004 3409	0037001
50+50	82FR050509S	50	003 195	50	003 200	50	004 3459	0037001
55+30	82FR055309S	55	003 262	30	003 196	30	004 3259	0037001
55+35	82FR055359S	55	003 262	35	003 197	35	004 3309	0037001
55+40	82FR055409S	55	003 262	40	003 198	40	004 3359	0037001
55+45	82FR055459S	55	003 262	45	003 199	45	004 3409	0037001
55+50	82FR055509S	55	003 262	50	003 200	50	004 3459	0037001
55+55	82FR055559S	55	003 262	55	003 201	55	004 3509	0037001
55+65	82FR055659S	55	003 262	65	003 255	65	004 3609	0037001
60+30	82FR060309S	60	003 203	30	003 196	30	004 3259	0037001
60+35	82FR060359S	60	003 203	35	003 197	35	004 3309	0037001
60+40	82FR060409S	60	003 203	40	003 198	40	004 3359	0037001
60+45	82FR060459S	60	003 203	45	003 199	45	004 3409	0037001
60+50	82FR060509S	60	003 203	50	003 200	50	004 3459	0037001
60+55	82FR060559S	60	003 203	55	003 201	55	004 3509	0037001
60+60	82FR060609S	60	003 203	60	003 202	60	004 3559	0037001
65+30	82FR065309S	65	003 204	30	003 196	30	004 3259	0037001
65+35	82FR065359S	65	003 204	35	003 197	35	004 3309	0037001
65+40	82FR065409S	65	003 204	40	003 198	40	004 3359	0037001
65+45	82FR065459S	65	003 204	45	003 199	45	004 3409	0037001
65+50	82FR065509S	65	003 204	50	003 200	50	004 3459	0037001
65+55	82FR065559S	65	003 204	55	003 201	55	004 3509	0037001
70+30	82FR070309S	70	003 263	30	003 196	30	004 3259	0037001
70+35	82FR070359S	70	003 263	35	003 197	35	004 3309	0037001
70+40	82FR070409S	70	003 263	40	003 198	40	004 3359	0037001
70+45	82FR070459S	70	003 263	45	003 199	45	004 3409	0037001
70+50	82FR070509S	70	003 263	50	003 200	50	004 3459	0037001
80+30	82FR080309S	80	003 205	30	003 196	30	004 3259	0037001
80+35	82FR080359S	80	003 205	35	003 197	35	004 3309	0037001
80+40	82FR080409S	80	003 205	40	003 198	40	004 3359	0037001

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User chart for cylinder

**F900**

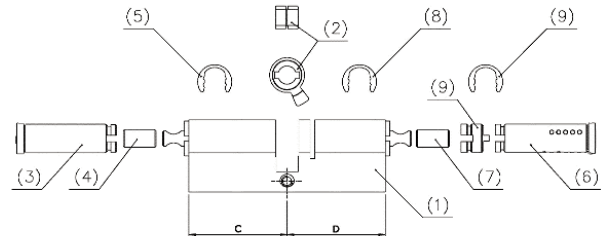


Half cylinder

		Lato C Side C			
		(2)		(3)	
Misura Cilindro Cylinder length	(1) Cilindro Preassemblato Preassembled Cylinder	Cilindretto Plug		Kit Prolunga Cilindretto Extension Plug Kit	
C+D	Codice Code	Misura Length	Codice Code	mm	Codice Code
30+10	82FM030109S	30	004 3259	---	---
35+10	82FM035109S	35	004 3309	---	---
40+10	82FM040109S	40	004 3359	---	---
45+10	82FM045109S	45	004 3409	---	---
50+10	82FM050109S	50	004 3459	---	---
55+10	82FM055109S	55	004 3509	---	---
60+10	82FM060109S	60	004 3559	---	---
65+10	82FM065109S	65	004 3609	---	---
70+10	82FM070109S	60	004 3559	10	003 281
75+10	82FM075109S	60	004 3559	15	003 282
80+10	82FM080109S	60	004 3559	20	003 283
85+10	82FM085109S	60	004 3559	25	003 284
90+10	82FM090109S	60	004 3559	30	003 285

User chart for cylinder

**F900**

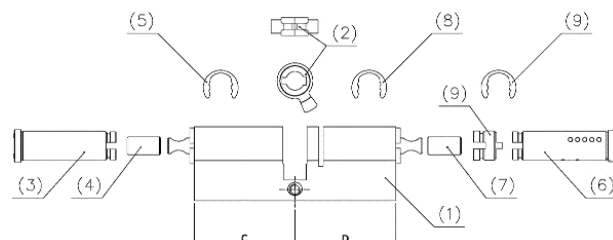


**Double profile cylinder**

		Lato C Side C					Lato D Side D						
(1)	(2)	(3)		(4)		(5)	(6)		(7)		(8)	(9)	
Cilindro Preassemblato Preassembled Cylinder	Kit Snodino Clutch Kit	Cilindretto Plug		Distanziatore Extension		Anello Ring	Cilindretto Plug		Distanziatore Extension		Anello Ring	Kit Prolunga Cilindretto Extension Plug Kit	
Codice Code	Codice Code	Misura Length	Codice Code	mm	Codice Code	Codice Code	Misura Length	Codice Code	mm	Codice Code	Codice Code	mm	Codice Code
82FM028289S	003 251	28	004 3239	---	---	0037011	28	004 3239	---	---	0037011	---	---
82FM028339S	003 252	28	004 3239	---	---	0037011	33	004 3289	---	---	0037011	---	---
82FM028359S	003 251	28	004 3239	---	---	0037011	35	004 3309	5	003 211	0037011	---	---
82FM028409S	003 251	28	004 3239	---	---	0037011	40	004 3359	10	003 212	0037011	---	---
82FM028459S	003 251	28	004 3239	---	---	0037011	45	004 3409	15	003 213	0037011	---	---
82FM030309S	003 250	30	004 3259	---	---	0037001	30	004 3259	---	---	0037001	---	---
82FM030359S	003 250	30	004 3259	---	---	0037001	35	004 3309	5	003 211	0037001	---	---
82FM030409S	003 250	30	004 3259	---	---	0037001	40	004 3359	10	003 212	0037001	---	---
82FM030459S	003 250	30	004 3259	---	---	0037001	45	004 3409	15	003 213	0037001	---	---
82FM030509S	003 250	30	004 3259	---	---	0037001	50	004 3459	20	003 214	0037001	---	---
82FM030559S	003 250	30	004 3259	---	---	0037001	55	004 3509	25	003 215	0037001	---	---
82FM030609S	003 250	30	004 3259	---	---	0037001	60	004 3559	30	003 216	0037001	---	---
82FM030659S	003 250	30	004 3259	---	---	0037001	65	004 3609	35	003 217	0037001	---	---
82FM030709S	003 250	30	004 3259	---	---	0037001	60	004 3559	40	003 218	0037001	10	003 281
82FM030759S	003 250	30	004 3259	---	---	0037001	60	004 3559	15+30	003 213+003 216	0037001	15	003 282
82FM030809S	003 250	30	004 3259	---	---	0037001	60	004 3559	25+25	003 215+003 216	0037001	20	003 283
82FM030859S	003 250	30	004 3259	---	---	0037001	60	004 3559	25+30	003 215+003 216	0037001	25	003 284
82FM030909S	003 250	30	004 3259	---	---	0037001	60	004 3559	30+30	003 216+003 216	0037001	30	003 285
82FM035359S	003 250	35	004 3309	5	003 211	0037001	35	004 3309	5	003 211	0037001	---	---
82FM035409S	003 250	35	004 3309	5	003 211	0037001	40	004 3359	10	003 212	0037001	---	---
82FM035459S	003 250	35	004 3309	5	003 211	0037001	45	004 3409	15	003 213	0037001	---	---
82FM035509S	003 250	35	004 3309	5	003 211	0037001	50	004 3459	20	003 214	0037001	---	---
82FM035559S	003 250	35	004 3309	5	003 211	0037001	55	004 3509	25	003 215	0037001	---	---
82FM035609S	003 250	35	004 3309	5	003 211	0037001	60	004 3559	30	003 216	0037001	---	---
82FM035659S	003 250	35	004 3309	5	003 211	0037001	65	004 3609	35	003 217	0037001	---	---
82FM035709S	003 250	35	004 3309	5	003 211	0037001	60	004 3559	40	003 218	0037001	10	003 281
82FM035759S	003 250	35	004 3309	5	003 211	0037001	60	004 3559	15+30	003 213+003 216	0037001	15	003 282
82FM035809S	003 250	35	004 3309	5	003 211	0037001	60	004 3559	25+25	003 215+003 216	0037001	20	003 283
82FM035859S	003 250	35	004 3309	5	003 211	0037001	60	004 3559	25+30	003 215+003 216	0037001	25	003 284
82FM040409S	003 250	40	004 3359	10	003 212	0037001	40	004 3359	10	003 212	0037001	---	---
82FM040459S	003 250	40	004 3359	10	003 212	0037001	45	004 3409	15	003 213	0037001	---	---
82FM040509S	003 250	40	004 3359	10	003 212	0037001	50	004 3459	20	003 214	0037001	---	---
82FM040559S	003 250	40	004 3359	10	003 212	0037001	55	004 3509	25	003 215	0037001	---	---
82FM040609S	003 250	40	004 3359	10	003 212	0037001	60	004 3559	30	003 216	0037001	---	---
82FM040659S	003 250	40	004 3359	10	003 212	0037001	65	004 3609	35	003 217	0037001	---	---
82FM040709S	003 250	40	004 3359	10	003 212	0037001	60	004 3559	40	003 218	0037001	10	003 281
82FM040759S	003 250	40	004 3359	10	003 212	0037001	60	004 3559	15+30	003 213+003 216	0037001	15	003 282
82FM040809S	003 250	40	004 3359	10	003 212	0037001	60	004 3559	25+25	003 215+003 216	0037001	20	003 283
82FM045459S	003 250	45	004 3409	15	003 213	0037001	45	004 3409	15	003 213	0037001	---	---
82FM045509S	003 250	45	004 3409	15	003 213	0037001	50	004 3459	20	003 214	0037001	---	---
82FM045559S	003 250	45	004 3409	15	003 213	0037001	55	004 3509	25	003 215	0037001	---	---
82FM045609S	003 250	45	004 3409	15	003 213	0037001	60	004 3559	30	003 216	0037001	---	---
82FM045659S	003 250	45	004 3409	15	003 213	0037001	65	004 3609	35	003 217	0037001	---	---
82FM045709S	003 250	45	004 3409	15	003 213	0037001	60	004 3559	40	003 218	0037001	10	003 281
82FM045759S	003 250	45	004 3409	15	003 213	0037001	60	004 3559	15+30	003 213+003 216	0037001	15	003 282
82FM050509S	003 250	50	004 3459	20	003 214	0037001	50	004 3459	20	003 214	0037001	---	---
82FM050559S	003 250	50	004 3459	20	003 214	0037001	55	004 3509	25	003 215	0037001	---	---
82FM050609S	003 250	50	004 3459	20	003 214	0037001	60	004 3559	30	003 216	0037001	---	---
82FM050659S	003 250	50	004 3459	20	003 214	0037001	65	004 3609	35	003 217	0037001	---	---
82FM050709S	003 250	50	004 3459	20	003 214	0037001	60	004 3559	40	003 218	0037001	10	003 281
82FM055559S	003 250	55	004 3509	25	003 215	0037001	55	004 3509	25	003 215	0037001	---	---
82FM055609S	003 250	55	004 3509	25	003 215	0037001	60	004 3559	30	003 216	0037001	---	---
82FM055659S	003 250	55	004 3509	25	003 215	0037001	65	004 3609	35	003 217	0037001	---	---
82FM060609S	003 250	60	004 3559	30	003 216	0037001	60	004 3559	30	003 216	0037001	---	---

User chart for cylinder

**F900**

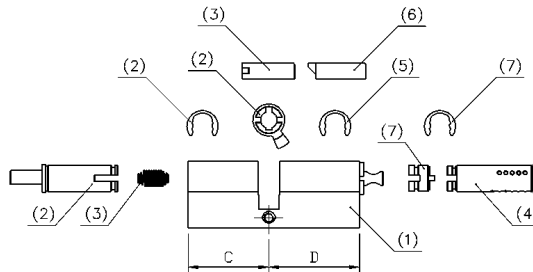


**Double function profile cylinder**

			Lato C Side C					Lato D Side D						
(1)	(2)		(3)		(4)		(5)	(6)		(7)		(8)	(9)	
Cilindro Preassemblato Preassembled Cylinder	Kit Snodino D.F. Double Kit Function		Cilindretto Plug		Distanziatore Extension		Anello Ring	Cilindretto Plug		Distanziatore Extension		Anello Ring	Kit Prolunga Cilindretto Extension Plug Kit	
Codice Code	Misura Lenght		Misura Lenght	Codice Code	mm	Codice Code	Codice Code	Misura Lenght	Codice Code	mm	Codice Code	Codice Code	mm	Codice Code
82FM030309S	30+30	003 207	30	004 3259	---	---	0037001	30	004 3259	---	---	0037001	---	---
82FM030359S	30+35	003 208	30	004 3259	---	---	0037001	35	004 3309	---	---	0037001	---	---
82FM030409S	30+35	003 208	30	004 3259	---	---	0037001	40	004 3359	5	003 211	0037001	---	---
82FM030459S	30+35	003 208	30	004 3259	---	---	0037001	45	004 3409	10	003 212	0037001	---	---
82FM030509S	30+35	003 208	30	004 3259	---	---	0037001	50	004 3459	15	003 213	0037001	---	---
82FM030559S	30+35	003 208	30	004 3259	---	---	0037001	55	004 3509	20	003 214	0037001	---	---
82FM030609S	30+35	003 208	30	004 3259	---	---	0037001	60	004 3559	25	003 215	0037001	---	---
82FM030659S	30+35	003 208	30	004 3259	---	---	0037001	65	004 3609	30	003 216	0037001	---	---
82FM030709S	30+35	003 208	30	004 3259	---	---	0037001	70	004 3659	35	003 217	0037001	10	003 281
82FM030759S	30+35	003 208	30	004 3259	---	---	0037001	75	004 3659	40	003 218	0037001	15	003 282
82FM030809S	30+35	003 208	30	004 3259	---	---	0037001	80	004 3659	15+30	003 213+003 216	0037001	20	003 283
82FM030859S	30+35	003 208	30	004 3259	---	---	0037001	85	004 3659	25+25	003 215+003 216	0037001	25	003 284
82FM030909S	30+35	003 208	30	004 3259	---	---	0037001	90	004 3559	25+30	003 215+003 216	0037001	30	003 285
82FM035359S	35+35	003 209	35	004 3309	---	---	0037001	35	004 3309	---	---	0037001	---	---
82FM035409S	35+35	003 209	35	004 3309	---	---	0037001	40	004 3359	5	003 211	0037001	---	---
82FM035459S	35+35	003 209	35	004 3309	---	---	0037001	45	004 3409	10	003 212	0037001	---	---
82FM035509S	35+35	003 209	35	004 3309	---	---	0037001	50	004 3459	15	003 213	0037001	---	---
82FM035559S	35+35	003 209	35	004 3309	---	---	0037001	55	004 3609	20	003 214	0037001	---	---
82FM035609S	35+35	003 209	35	004 3309	---	---	0037001	60	004 3659	25	003 215	0037001	---	---
82FM035659S	35+35	003 209	35	004 3309	---	---	0037001	65	004 3609	30	003 216	0037001	---	---
82FM035709S	35+35	003 209	35	004 3309	---	---	0037001	70	004 3559	35	003 217	0037001	10	003 281
82FM035759S	35+35	003 209	35	004 3309	---	---	0037001	75	004 3559	40	003 218	0037001	15	003 282
82FM035809S	35+35	003 209	35	004 3309	---	---	0037001	80	004 3559	15+30	003 213+003 216	0037001	20	003 283
82FM035859S	35+35	003 209	35	004 3309	---	---	0037001	85	004 3559	25+25	003 215+003 215	0037001	25	003 284
82FM040409S	35+35	003 209	40	004 3359	5	003 211	0037001	40	004 3359	5	003 211	0037001	---	---
82FM040459S	35+35	003 209	40	004 3359	5	003 211	0037001	45	004 3409	10	003 212	0037001	---	---
82FM040509S	35+35	003 209	40	004 3359	5	003 211	0037001	50	004 3459	15	003 213	0037001	---	---
82FM040559S	35+35	003 209	40	004 3359	5	003 211	0037001	55	004 3509	20	003 214	0037001	---	---
82FM040609S	35+35	003 209	40	004 3359	5	003 211	0037001	60	004 3559	25	003 215	0037001	---	---
82FM040659S	35+35	003 209	40	004 3359	5	003 211	0037001	65	004 3609	30	003 216	0037001	---	---
82FM040709S	35+35	003 209	40	004 3359	5	003 211	0037001	70	004 3559	35	003 217	0037001	10	003 281
82FM040759S	35+35	003 209	40	004 3359	5	003 211	0037001	75	004 3559	40	003 218	0037001	15	003 282
82FM040809S	35+35	003 209	40	004 3359	5	003 211	0037001	80	004 3659	15+30	003 213+003 216	0037001	20	003 283
82FM045459S	35+35	003 209	45	004 3409	10	003 212	0037001	45	004 3409	10	003 212	0037001	---	---
82FM045509S	35+35	003 209	45	004 3409	10	003 212	0037001	50	004 3459	15	003 213	0037001	---	---
82FM045559S	35+35	003 209	45	004 3409	10	003 212	0037001	55	004 3609	20	003 214	0037001	---	---
82FM045609S	35+35	003 209	45	004 3409	10	003 212	0037001	60	004 3559	25	003 215	0037001	---	---
82FM045659S	35+35	003 209	45	004 3409	10	003 212	0037001	65	004 3609	30	003 216	0037001	---	---
82FM045709S	35+35	003 209	45	004 3409	10	003 212	0037001	70	004 3559	35	003 217	0037001	10	003 281
82FM045759S	35+35	003 209	45	004 3409	10	003 212	0037001	75	004 3559	40	003 218	0037001	15	003 282
82FM050509S	35+35	003 209	50	004 3459	15	003 213	0037001	50	004 3459	15	003 213	0037001	---	---
82FM050559S	35+35	003 209	50	004 3459	15	003 213	0037001	55	004 3609	20	003 214	0037001	---	---
82FM050609S	35+35	003 209	50	004 3459	15	003 213	0037001	60	004 3659	25	003 215	0037001	---	---
82FM050659S	35+35	003 209	50	004 3459	15	003 213	0037001	65	004 3609	30	003 216	0037001	---	---
82FM050709S	35+35	003 209	50	004 3459	15	003 213	0037001	70	004 3559	35	003 217	0037001	10	003 281
82FM055559S	35+35	003 209	55	004 3509	20	003 214	0037001	55	004 3509	20	003 214	0037001	---	---
82FM055609S	35+35	003 209	55	004 3509	20	003 214	0037001	60	004 3559	25	003 215	0037001	---	---
82FM055659S	35+35	003 209	55	004 3509	20	003 214	0037001	65	004 3609	30	003 216	0037001	---	---
82FM050809S	35+35	003 209	60	004 3559	25	003 215	0037001	60	004 3559	25	003 215	0037001	---	---

## User chart for cylinder

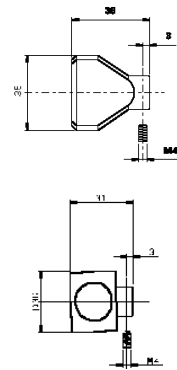
### F900



### Pre-set for knob

Misura Cilindro Cylinder Jeugdfif	Cilindro Preassemblato Preassembled Cylinder	Lato C Side C		Lato D Side D				
		(2)		(3)		(4)		(5)
		Kit Pomolo Knob Kit		Kit Snodino Clutch Kit		Cilindretto Plug		Anello Ring
G+D	Codice Code	Misura Length	Codice Code	Misura Length	Codice Code	Misura Length	Codice Code	Codice Code
28+28	82FM028289S	28	003 261	28	003 253	28	004 3239	0037011
28+33	82FM028339S	28	003 261	33	003 254	33	004 3239	0037011
30+30	82FM030309S	30	003 191 003 186	30	003 196	30	004 3259	0037011
30+35	82FM030359S	30	003 191 003 186	35	003 197	35	004 3309	0037011
30+40	82FM030409S	30	003 191 003 186	40	003 198	40	004 3359	0037011
30+45	82FM030459S	30	003 191 003 186	45	003 199	45	004 3409	0037011
30+50	82FM030509S	30	003 191 003 186	50	003 200	50	004 3459	0037011
30+55	82FM030559S	30	003 191 003 186	55	003 201	55	004 3509	0037011
30+60	82FM030609S	30	003 191 003 186	60	003 202	60	004 3559	0037011
30+65	82FM030659S	30	003 191 003 186	65	003 255	65	004 3609	0037011
30+70	82FM030709S	30	003 191 003 186	45 + 25	003 199 + 003 295 (6)	60 + 10	004 3559 + 003 281 (7)	0037011
30+80	82FM030809S	30	003 191 003 186	55 + 25	003 201 + 003 295 (6)	60 + 20	004 3559 + 003 283 (7)	0037011
35+28	82FM035289S	35	003 192	28	003 253	28	004 3239	0037001
35+30	82FM035309S	35	003 192	30	003 196	30	004 3259	0037001
35+35	82FM035359S	35	003 192	35	003 197	35	004 3309	0037001
40+28	82FM040289S	40	003 193	28	003 253	28	004 3239	0037001
40+30	82FM040309S	40	003 193	30	003 196	30	004 3259	0037001
40+35	82FM040359S	40	003 193	35	003 197	35	004 3309	0037001
40+40	82FM040409S	40	003 193	40	003 198	40	004 3359	0037001
45+28	82FM045289S	45	003 194	28	003 253	28	004 3239	0037001
45+30	82FM045309S	45	003 194	30	003 196	30	004 3259	0037001
45+35	82FM045359S	45	003 194	35	003 197	35	004 3309	0037001
45+40	82FM045409S	45	003 194	40	003 198	40	004 3359	0037001
45+45	82FM045459S	45	003 194	45	003 199	45	004 3409	0037001
50+30	82FM050309S	50	003 195	30	003 196	30	004 3259	0037001
50+35	82FM050359S	50	003 195	35	003 197	35	004 3309	0037001
50+40	82FM050409S	50	003 195	40	003 198	40	004 3359	0037001
50+45	82FM050459S	50	003 195	45	003 199	45	004 3409	0037001
50+50	82FM050509S	50	003 195	50	003 200	50	004 3459	0037001
55+30	82FM055309S	55	003 262	30	003 196	30	004 3259	0037001
55+35	82FM055359S	55	003 262	35	003 197	35	004 3309	0037001
55+40	82FM055409S	55	003 262	40	003 198	40	004 3359	0037001
55+45	82FM055459S	55	003 262	45	003 199	45	004 3409	0037001
55+50	82FM055509S	55	003 262	50	003 200	50	004 3459	0037001
55+55	82FM055559S	55	003 262	55	003 201	55	004 3509	0037001
55+65	82FM055659S	55	003 262	65	003 255	65	004 3609	0037001
60+30	82FM060309S	60	003 203	30	003 196	30	004 3259	0037001
60+35	82FM060359S	60	003 203	35	003 197	35	004 3309	0037001
60+40	82FM060409S	60	003 203	40	003 198	40	004 3359	0037001
60+45	82FM060459S	60	003 203	45	003 199	45	004 3409	0037001
60+50	82FM060509S	60	003 203	50	003 200	50	004 3459	0037001
60+55	82FM060559S	60	003 203	55	003 201	55	004 3509	0037001
60+60	82FM060609S	60	003 203	60	003 202	60	004 3559	0037001
65+30	82FM065309S	65	003 204	30	003 196	30	004 3259	0037001
65+35	82FM065359S	65	003 204	35	003 197	35	004 3309	0037001
65+40	82FM065409S	65	003 204	40	003 198	40	004 3359	0037001
65+45	82FM065459S	65	003 204	45	003 199	45	004 3409	0037001
65+50	82FM065509S	65	003 204	50	003 200	50	004 3459	0037001
65+55	82FM065559S	65	003 204	55	003 201	55	004 3509	0037001
70+30	82FM070309S	70	003 263	30	003 196	30	004 3259	0037001
70+35	82FM070359S	70	003 263	35	003 197	35	004 3309	0037001
70+40	82FM070409S	70	003 263	40	003 198	40	004 3359	0037001
70+45	82FM070459S	70	003 263	45	003 199	45	004 3409	0037001
70+50	82FM070509S	70	003 263	50	003 200	50	004 3459	0037001
80+30	82FM080309S	80	003 205	30	003 196	30	004 3259	0037001
80+35	82FM080359S	80	003 205	35	003 197	35	004 3309	0037001
80+40	82FM080409S	80	003 205	40	003 198	40	004 3359	0037001

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## General terms of sale

### 1 – Field of application

These general terms of sale are intended to regulate the present and future sale contracts between the parties with the exception of any different conditions agreed in writing. Any general term established by the Buyer shall not be applied to the parties' future relationships unless agreed in writing. The Buyer's acceptance of ISEO Serrature's offer or order confirmation, however made, shall imply the application of these general terms of sale to the sale contract.

### 2 – Information data

The product features, prices and other data shown in ISEO Serrature's catalogues, price lists or other documents as well as the features of samples and prototypes sent to the Buyer shall not be binding unless expressly mentioned in ISEO SERRATURE's offer or order confirmation.

ISEO Serrature reserves the right to make any necessary changes to their products prior to a written 30 days' notice. Prices include packaging and the packaging units are indivisible. ISEO SERRATURE reserves the right to change their price lists prior to a written 30 days' notice.

### 3 – Orders \*

Only written orders shall be accepted through an order confirmation. Any offer made by ISEO Serrature's agents or representatives shall not be binding for ISEO Serrature until confirmation of the latter.

For single orders with an amount lower than:

Italy	550 Euros
EU and non-EU countries	1550 Euros

the following fixed operating expenses shall be invoiced:

Italy	16 Euros
EU and non-EU countries	78 Euros

### 4 – Delivery

The delivery terms are:

<b>Italy</b>	Carriage Paid
<b>EU countries</b>	Carriage Paid
<b>Non-EU countries</b>	F.O.B. (Incoterms 2000)

The delivery terms are approximate in favour of ISEO Serrature with a fair tolerance margin. ISEO Serrature shall not be liable for any damage deriving from an anticipated, delayed or missing delivery, either full or partial.

The risks connected to the supply shall pass on to the Buyer at the latest when the products leave ISEO Serrature's factory, unless the sale term or the applicable regulations provide for an earlier time.

The delivery times for standard supplies are:

Status "**A**": prompt delivery (or, should the goods be missing, within 30 days),

Status "**B**": delivery within 30 days from order confirmation,

Status "**C**": delivery within 60 days from order confirmation,

Status "**D**": delivery within 90 days from order confirmation.

The delivery times for **special supplies** shall be fixed by ISEO Serrature from **time to time**.

### 5 – Payments

Payments, as well as any other amount payable to ISEO Serrature, shall be net at their premises.

ISEO Serrature shall have the right - when payments are due and without need to place in default put into suit - to claim the interests on delayed payments at the rate fixed by the ECB (Euribor) increased by 8 points.

If the invoices are not paid regularly, the Buyer shall not be entitled to claim any failures on the part of ISEO Serrature.

The Buyer shall not be entitled to suspend payments, even in case of disputes arising from supplied products.

No compensation with any credits towards ISEO Serrature shall be accepted.

The supplied products shall remain ISEO Serrature's property until the full payment.

### 6 – Warranty

No returned product shall be accepted unless previously agreed with ISEO Serrature by filling up the returned goods authorisation form DVEN052.

ISEO Serrature guarantees the performance of their products only in relation to their stated use and application. Any other use is considered as improper.

Should the Buyer resell these products, he shall be fully responsible to give his customers, at his own expenses, all the relevant information.

ISEO Serrature's products are guaranteed for 2 years from the invoicing date against any engineering, material or manufacturing failures attributable to ISEO Serrature, provided they are properly used and installed.

Claims shall be made in writing, on pain of forfeiture, within 8 days from the receipt of the goods for failures relating to quantity or for failures which could be detected by the Buyer when receiving the goods; within 8 days from the discovery of hidden failures or non-conformities. No claim against ISEO Serrature shall be accepted after the expiry of the warranty period.

This guarantee is limited to the replacement of the faulty part EXW ISEO Serrature. No other reimbursement shall be made such as transport, disassembly and assembly charges. Any replacement of components do not give rise to an extension of the warranty period for the whole product.

Failures shall be exclusively assessed by ISEO SERRATURE's experts. Unless in case of fraud or gross negligence grave offence on the part of ISEO SERRATURE, the latter shall not be liable for direct, indirect or consequential damages to the buyer of the supplied products.

This warranty includes and replaces any other legal warranty for failures and conformity and excludes any other liability of ISEO SERRATURE connected to the supplied goods. In particular, the Buyer shall not be entitled to claim a damage refund, a price reduction or contract termination.

The Buyer shall lose the warranty right if payments are not regular.

### 7 – Competent Court – Applicable law

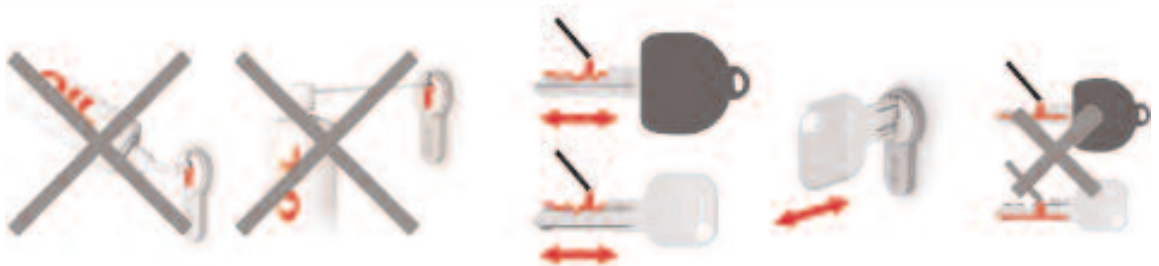
Any dispute arising from or connected with the contracts to which these general terms apply will be exclusively dealt with by the Court of ISEO Serrature's head-office; ISEO Serrature shall however be entitled to take legal action also before the Buyer's Court.

These general terms of sale are regulated by the Italian Law.

\* **P.S.** For Service Centres and supplies of MK systems, please follow the conditions agreed with the sales manager

**Maintenance instructions**

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[www.iseo.eu](http://www.iseo.eu)

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Certifications

