HADE ITALY

3DKEY LOCKS







safeguarding your security

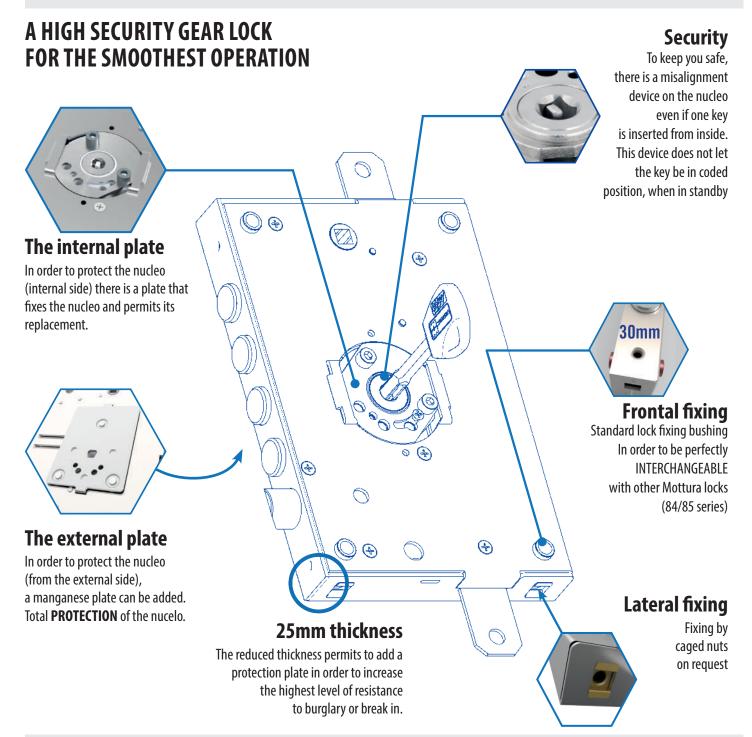




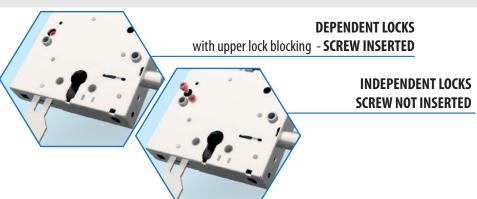




THE LOCK



Double "Multifuncional" locks, DEPENDENT or INDEPENDENT



A screw is inserted in each double "multifunctional" lock and it gives the final user the opportunity to turn the two closings (upper/lower) of the lock into DEPENDENT or INDEPENDENT, just by leaving them as they are (dependent) or by releasing such screw (independent) on the side of the lock.

They are configured as DEPENDENT, meaning that the upper lock is blocked by closing the lower lock.







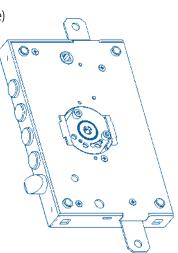
THE CERTIFICATION

LOCK AND THE NUCLEO ARE CERTIFIED ACCORDING TO THE **REFERENCE STANDARDS UNI EN 12209 AND UNI EN 1303**

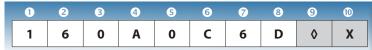




- 2 8 6 0 5 3 X В 0 G 7 0
- 12209
 - CATEGORY OF USE highest grade achievable (for use by the public, public buildings)
- highest grade achievable (200.000 cycle with 120N force) Tested for 600.000 cycles
- B DOOR MASS Door mass 200 kg
- **4** SUITABILITY FOR USE ON FIRE/SMOKE DOORS suitable for use on fire/smoke doors
- SAFETY (EN179-EN1125) no requirements (safety)
- CORROSION RESISTANCE highest resisitance to corrosion (240h) at the permanence in temperature (-20 \div +80 °C)
- SECURITY AND DRILL RESISTANCE highest resistance (equipped with plate in manganese steel). Required 10kN force. Obtained 25 kN.
- 8 KEY IDENTIFICATION no requirements







- CATEGORY OF USE
- A single class characterized by the N.1
 - **DURABILITY 2**

Maximum resistance obtainable in duration testing (100,000 cycles) Tested for 500.000 cycles

DOOR MASS

No requirement requested

SUITABILITY FOR USE ON FIRE/SMOKE DOORS Suitable for use on smoke/fire proof doors

SAFETY 6

No requirement requested, referring to the safety of persons (safety)

CORROSION RESISTANCE 6

Maximum classification, high resistance to corrosion (240h) and temperature from $(-20 \div +80 \, ^{\circ}\text{C})$

KEY SECURITY •

Maximum security obtainable (100.000 combinations) The nucleo reaches 40.587.264 combinations

SECURITY AND DRILL RESISTANCE

5/10 minutes of resistance to drilling/mechanical forcing Tested with Widia tips.

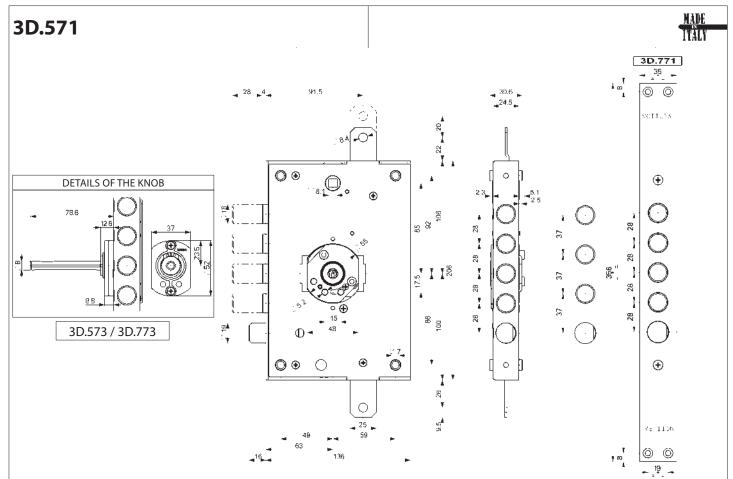
Grade X for the constructive characteristics of the product











Variation in centre distance:/28 -/37

- three-point locks
- Key and handle backset 63 mm
- Bar travel 20 mm
- \bullet Ø 18 mm round bolts with 28 mm travel
- Standard with rotation marker
- All articles are supplied left and right (please specify in the order).

On request the locks can be supplied with 3/5 keys

- 20 mm key stem art. 92350
- 30 mm key stem art. 92351
- 40 mm key stem art. 92352

Other options

• 60 mm folding key stem art. 92353

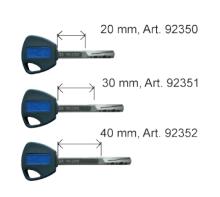
Accessories

- Plate for key socket art. 99108
- internal and external key socket art. 99110



Art.99108

Art.99110





Folding key art. 92353



SUPPLIED

Security locks with block lever on deadbolts



ON REQUEST

Security locks with block lever on deadbolts and certification

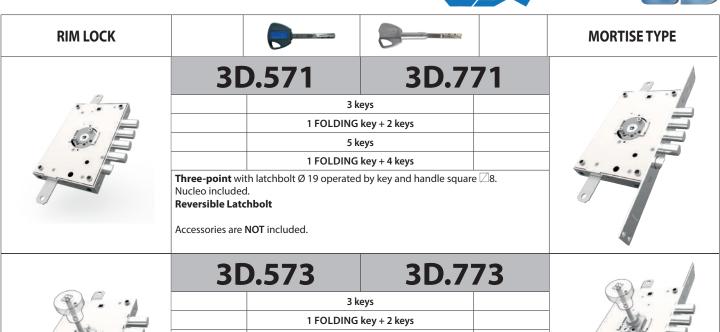
NUCLEO replacement











5 keys

1 FOLDING key + 4 keys

Three-point with latchbolt Ø 19 operated by key/knob and handle square Ø8.

(AR)

SET - RESET - Enables and disables the service key on the nucleo.

Reversible Latchbolt

n°1 key + n°1 key + n°3/5 keys + n°1 key
ACTIVATION KEY + MASTER KEYS + SERVICE KEYS



3D.571..A. 3D.771..A.

3 MASTER keys (Art. ...A1)
5 MASTER keys (Art. ...A2)

Three-point with latchbolt Ø 19 operated by key and handle square \square 8. **SET / RESET** Nucleo included. **Reversible Latchbolt** Key supplied:

N.1 ACTIVATION KEY + N.1 DEACTIVATION KEY N.3/5 MASTER KEYS + N.1 SERVICE KEYS

Nucleo with knob provision included.

Knob and other accessories are NOT included.

Accessories are **NOT** included





3D.573..A. 3D.773..A.

3 MASTER keys (Art. ...A1)
5 MASTER keys (Art. ...A2)

Three-point with latchbolt \emptyset 19 operated by key and handle square \square 8. **SET / RESET** Nucleo with **knob provision included**. **Reversible Latchbolt** Key supplied:

N.1 ACTIVATION KEY + N.1 DEACTIVATION KEY N.3/5 MASTER KEYS + N.1 SERVICE KEYS

Accessories are **NOT** included





NUCLEO with construction key - The first key (A, with red insert) is used during construction works. When they are over, this key is replaced by another set of keys (B, with yellow insert) that excludes the previous key by modifying the key coding.



MASTER KEY SYSTEN

Keyed alike KA - System composed of several locks/nucleo with the same code that can be opened with the same key.

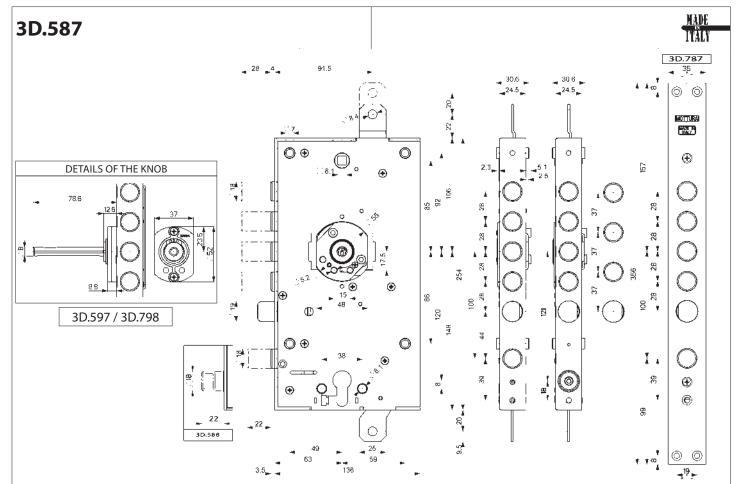


NUCLEO with **VARIO** system - The NUCLEO is equipped with 3 types of keys (A, B, C): each of them has a different coding and it is sealed separately. In case of loss or theft of the A-type key, it is enough to insert in the nucleo the B-type key, that will exclude automatically the first key. The same thing will happen for C-type key that will disable B-type key.









Multifunction lock with European cylinder

Variation in centre distance:/28 -/37

- Side (lower lock with european cylinder) and three-point (upper lock)
- Key and handle backset 63 mm
- Bar travel 20 mm
- Round bolts Ø 18 mm with 28 mm travel for upper lock
- Standard with rotation marker
- Round bolt Ø 18 mm with 22 mm travel for lower lock
- All articles are supplied left and right (please specify in the order).

On request the locks can be supplied with 3/5 keys

- 20 mm key stem art. 92350
- 30 mm key stem art. 92351
- 40 mm key stem art. 92352

Other options

• 60 mm folding key stem art. 92353

Accessories

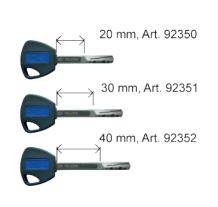
- Plate for key socket art. 99108
- internal and external key socket art. 99110





Art.99108

Art.99110





Folding key art. 92353



SUPPLIED

Security locks with block lever on deadbolts



ON REQUEST

Security locks with block lever on deadbolts and certification

DEPENDENT / INDEPENDENT locks

DEPENDENT LOCKS with upper lock blocking - **SCREW INSERTED**



INDEPENDENT LOCKS SCREW NOT INSERTED











RIM LOCK





MORTISE TYPE



3D.587 3D.787

3 keys	
1 FOLDING key + 2 keys	
5 keys	
1 FOLDING key + 4 keys	

Three-point with 19mm Ø latchbolt activated by key and \square 8 handle square.

Nucleo included - **Reversible latchbolt**

Lower lock side activates latchbolt and upper lock blocking. Cylinders, reinforcements and other accessories are NOT included.

Locks can be DEPENDENT (with upper lock block) or INDEPENDENT.





3D.588 3D.788

3 kc	eys
1 FOLDING	key + 2 keys
5 ke	eys
1 FOLDING	key + 4 keys

Three-point - Independent half-opening and nightlatch

19mm Ø latchbolt activated by key and \square 8 handle square.

Nucleo included - Reversible latchbolt

Lower lock side activates latchbolt, nightlatch and upper lock blocking.. Cylinders, reinforcements and other accessories are **NOT** included. Locks can be DEPENDENT (with upper lock block) or INDEPENDENT.





3D.597 3D.797

3 k	eys	
1 FOLDING	key + 2 keys	
5 k	eys	
1 FOLDING	key + 4 keys	

Three-point with 19mm Ø latchbolt activated by external key, internal knob and \square 8 handle square.

Nucleo with knob provision included - Reversible latchbolt

Lower lock **side** activates latchbolt and upper lock blocking.

Knob, cylinders, reinforcements and other accessories are **NOT** included. Locks can be DEPENDENT (with upper lock block) or INDEPENDENT.





3D.798 3D.598

3 keys		
1 FOLDING key + 2 keys		
5 kg	eys	
1 FOLDING	key + 4 keys	

Three-point - Independent half-opening and nightlatch Latchbolt Ø 19 operated by external key, internal knob and handle square $\square 8$.

Nucleo with knob provision included - Reversible latchbolt

Lower lock side activates latchbolt, nightlatch and upper lock blocking. Knob, cylinders, reinforcements and other accessories are **NOT** included. Locks can be DEPENDENT (with upper lock block) or INDEPENDENT.



MASTER KEY SYSTEA

SET - RESET NUCLEO



NUCLEO with construction key



Keyed alike KA system



NUCLEO with VARIO system

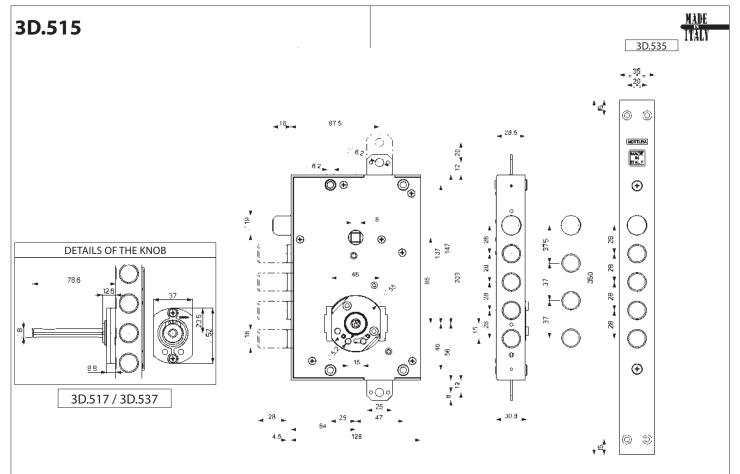
It is RECOMMENDED to use CHAMPIONS® security cylinders











Variation in centre distance:/28 -/37

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- 30 mm key stem art. 92351
- 40 mm key stem art. 92352

Other options

• 60 mm folding key stem art. 92353

Accessories

- Plate for key socket art. 99108
- internal and external key socket art. 99110



Art.99108

Art.99110





Folding key art. 92353



SUPPLIED

Security locks with block lever on deadbolts



ON REQUEST

Security locks with block lever on deadbolts and certification

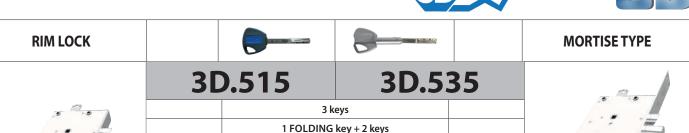
NUCLEO replacement











5 keys 1 FOLDING key + 4 keys



Three-point with latchbolt Ø 19 operated by key and handle square \mathbb{Z} 8. Nucleo included.

Reversible Latchbolt

Accessories are **NOT** included.





31). 517	3D.5	37
	3 k	eys	
	1 FOLDING	key + 2 keys	
	5 k	eys	
	1 FOLDING	kev + 4 kevs	

Three-point with latchbolt \emptyset 19 operated by key/knob and handle square $\square 8$. Nucleo with knob provision included. Reversible Latchbolt

Knob and other accessories are NOT included.





SET - RESET - Enables and disables the service key on the nucleo.

n°1 key **ACTIVATION KEY**

n°1 kev **DEACTIVATION KEY**

n°3/5 key **MASTER KEYS**

n°1 key SERVICE KEYS



3D.515..A. 3D.535..A.

3 MASTER keys (Art. ...A1) 5 MASTER keys (Art. ... A2)

Three-point with latchbolt \emptyset 19 operated by key and handle square \square 8. SET / RESET Nucleo included. Reversible Latchbolt

N.1 ACTIVATION KEY + N.1 DEACTIVATION KEY N.3/5 MASTER KEYS + N.1 SERVICE KEYS

Accessories are **NOT** included





3D.537..A. 3D.517..A.

3 MASTER keys (Art. ...A1) 5 MASTER keys (Art. ... A2)

Three-point with latchbolt Ø 19 operated by key and handle square \mathbb{Z} 8. SET / RESET Nucleo with knob provision included. Reversible Latchbolt

N.1 ACTIVATION KEY + N.1 DEACTIVATION KEY N.3/5 MASTER KEYS + N.1 SERVICE KEYS

Accessories are **NOT** included





NUCLEO with construction key - The first key (A, with red insert) is used during construction works. When they are over, this key is replaced by another set of keys (B, with yellow insert) that excludes the previous key by modifying the key coding.



MASTER KEY SYSTEN

Keyed alike KA - System composed of several locks/nucleo with the same code that can be opened with the same key.

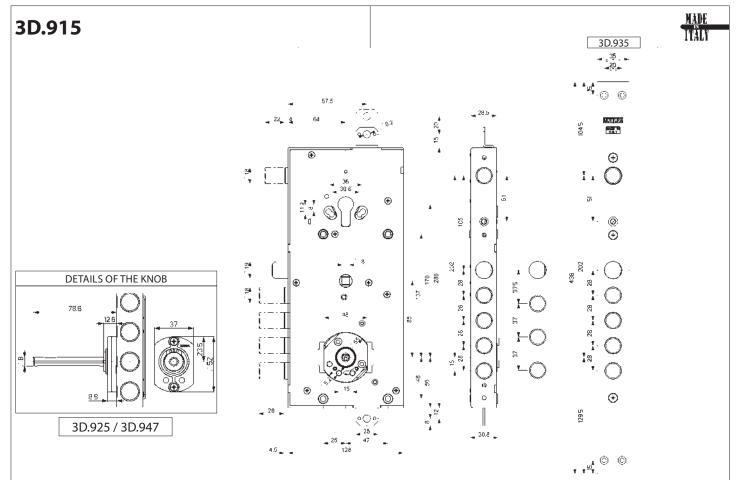


NUCLEO with VARIO system - The NUCLEO is equipped with 3 types of keys (A, B, C): each of them has a different coding and it is sealed separately. In case of loss or theft of the A-type key, it is enough to insert in the nucleo the B-type key, that will exclude automatically the first key. The same thing will happen for C-type key that will disable B-type key.









Multifunction lock with European cylinder

Variation in centre distance:/28 -/37

- Side (upper lock with european cylinder) and three-point (lower lock)
- Key and handle backset 64 mm
- Bar travel 20 mm
- Round bolts Ø 18 mm with 28 mm travel for lower lock
- Standard with rotation marker
- Round bolt Ø 18 mm with 22 mm travel for upper lock
- All articles are supplied left and right (please specify in the order).

On request the locks can be supplied with 3/5 keys

- 20 mm key stem art. 92350
- 30 mm key stem art. 92351
- 40 mm key stem art. 92352

Other options

• 60 mm folding key stem art. 92353

Accessories

- Plate for key socket art. 99108
- internal and external key socket art. 99110





Art.99108

Art.99110





Folding key art. 92353



SUPPLIED

Security locks with block lever on deadbolts



ON REQUEST

Security locks with block lever on deadbolts and certification

DEPENDENT / INDEPENDENT locks

DEPENDENT LOCKS with upper lock blocking - **SCREW INSERTED**



INDEPENDENT LOCKS SCREW NOT INSERTED











RIM LOCK





MORTISE TYPE



3D.915 3D.935

3 kg	eys	
1 FOLDING	key + 2 keys	
5 ke	eys	
1 FOLDING	key + 4 keys	

Three-point with 19mm Ø latchbolt activated by key and \square 8 handle square.

Nucleo included - **Reversible latchbolt**

Upper lock side activates latchbolt and lower lock blocking. Cylinders, reinforcements and other accessories are NOT included. Locks can be DEPENDENT (with lower lock block) or INDEPENDENT.





3D.917 3D.937

3 kc	eys	
1 FOLDING	key + 2 keys	
5 kc	eys	
1 FOLDING	key + 4 keys	

Three-point - Independent half-opening and nightlatch

19mm Ø latchbolt activated by key and \square 8 handle square.

Nucleo included - Reversible latchbolt

Upper lock side activates latchbolt, nightlatch and lower lock blocking. Cylinders, reinforcements and other accessories are **NOT** included. Locks can be DEPENDENT (with lower lock block) or INDEPENDENT.





3D.925 3D.945

3 k	eys	
1 FOLDING	key + 2 keys	
5 k	eys	
1 FOLDING	key + 4 keys	

Three-point with 19mm Ø latchbolt activated by external key, internal knob and \square 8 handle square.

Nucleo with knob provision included - Reversible latchbolt

Upper lock **side** activates latchbolt and lower lock blocking.

Knob, cylinders, reinforcements and other accessories are **NOT** included. Locks can be DEPENDENT (with lower lock block) or INDEPENDENT.





3D.927 3D.947

3 kc	eys	
1 FOLDING key + 2 keys		
5 kg	eys	
1 FOLDING	key + 4 keys	

Three-point - Independent half-opening and nightlatch

Latchbolt Ø 19 operated by external key, internal knob and handle square $\square 8$.

Nucleo with knob provision included - Reversible latchbolt

Upper lock side activates latchbolt, nightlatch and lower lock blocking. Knob, cylinders, reinforcements and other accessories are **NOT** included. Locks can be DEPENDENT (with lower lock block) or INDEPENDENT.



SET - RESET NUCLEO



NUCLEO with construction key



MASTER KEY SYSTEM

Keyed alike KA system



NUCLEO with VARIO system

It is RECOMMENDED to use CHAMPIONS® security cylinders



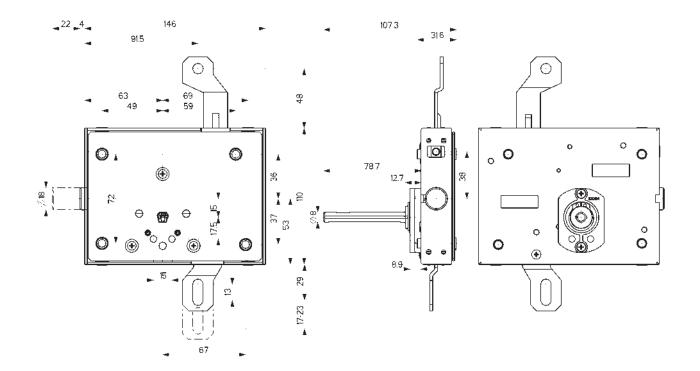






3D.258





General characteristics 3DKEY ASTABLOCK

Additional security locking for any armoured doors lock, with bar travel between 17 and 23 mm

- Vertical locking (art. 3D.257)
- Vertical and side locking (art. 3D258)
- Backset mm 63
- Bar travel mm 17/23
- Double lock fixing system (front and side attachment)
- All items are supplied right-hand and left-hand, upper (specify in the order)
- Supplied with n°2 bar connection pin art. 99197

On request the locks can be supplied with 3/5 keys

- 20 mm key stem art. 92350
- 30 mm key stem art. 92351
- 40 mm key stem art. 92352

Other options

• 60 mm folding key stem art. 92353

Accessories

- Plate for key socket art. 99108
- internal and external key socket art. 99110





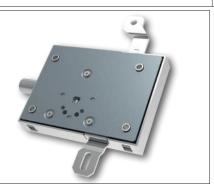
Art.99108





EXTERNAL PLATE

To protect the nucleo on the outside is present a manganese plate

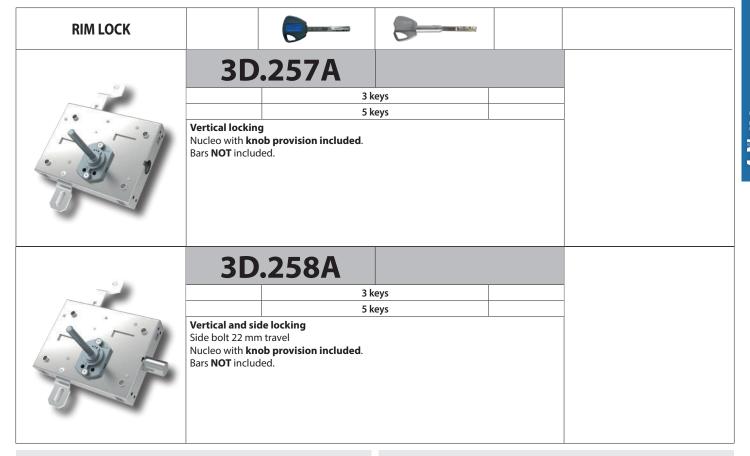


DOUBLE FIXING SYSTEM

On the lock they are present n ° 4 front connections (bushings) and 5 lateral connections

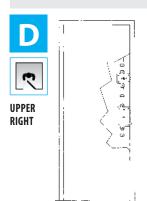




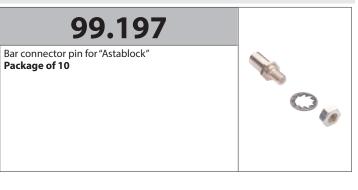


EXAMPLES OF INSTALLATION

















SET - RESET - Enables and disables the service key on the nucleo.







n°3/5 **MASTER KEYS**





n°1



The **MASTER** key with **BLUE** inserts is is **ALWAYS ABLE** to open the nucleo.

The **SERVICE** key with **3D TURQUOSE** insert is **ABLE** to open the nucleo.

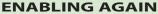
key with the **RED INSERT** and make a complete

turn

The **MASTER** key with **BLUE** inserts is ABLE to open the nucleo.

The **SERVICE** key with **TURQUOSE** insert Is **DISABLED** and does not open the nucleo.

key with the GREEN **INSERT** and make a complete turn



The **MASTER** key with **BLUE** inserts is ALWAYS ABLE to open the nucleo.

The **SERVICE** key with **TURQUOSE** insert Is now **ABLE** to open the nucleo **AGAIN**.

PROTECTED AND CONTROLLED KEY DUPLICATION DIRECTLY IN THE FACTORY





Keyed alike KA - System composed of several locks/nucleo with the same code that can be opened with the same key.



PROTECTED AND CONTROLLED KEY DUPLICATION DIRECTLY IN THE FACTORY







NUCLEO with construction key - The first key (A, with red insert) is used during construction works. When they are over, this key is replaced by another set of keys (B, with yellow insert) that excludes the previous key by modifying the key coding.



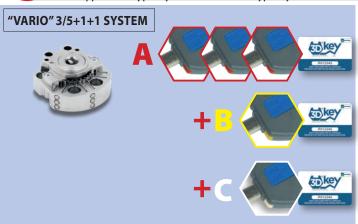
PROTECTED AND CONTROLLED KEY DUPLICATION DIRECTLY IN THE FACTORY







NUCLEO with VARIO system - The NUCLEO is equipped with 3 types of keys (A, B, C): each of them has a different coding and it is sealed separately. In case of loss or theft of the A-type key, it is enough to insert in the nucleo the B-type key, that will exclude automatically the first key. The same thing will happen for C-type key that will disable B-type key.



*VARIO" 1+3/5+1 SYSTEM A **Color of the state of the st

3/5 MASTER keys with red insert (A)

To be used normally

1 first emergency key with yellow insert (B)

To be used in case of loss or theft of a master key: when this key is inserted in the nucleo, it will automatically exclude the previous ones.

1 second emergency key with white insert (C)

In case of loss or theft of the yellow key, this key permits to recode the nucleo again, disabling any other previous key.

CONSTRUCTION key with red insert (A)

To be used during the construction works

3/5 MASTER keys with yellow insert (B)

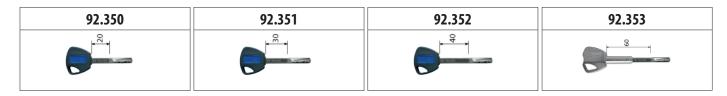
Once the works are over, these keys recode the nucleo, excluding automatically the

1 emergency key with white insert (C)

In case of loss or theft of a master key, this key permits to recode the nucleo once again, excluding any other previous key.

PROTECTED AND CONTROLLED
KEY DUPLICATION DIRECTLY IN THE
FACTORY











NUCLEO REPLACEMENT

3D.100

Replacement NUCLEO for 3DKey locks Complete with 3/5 keys.

Specify in order the number of keys (3/5)



3D.100AR

Replacement NUCLEO SET / RESET for 3DKey locks.

Key supplied:

N.1 ACTIVATION KEY

N.1 DEACTIVATION KEY

N.3 MASTER KEYS

N.1 SERVICE KEYS



3D.103

Replacement NUCLEO PREDISPOSITION KNOB for 3DKey locks. Complete with 3/5 keys.

Specify in order the number of keys (3/5)



3D.103AR

Replacement NUCLEO PREDISPOSITION KNOB SET / RESET for 3DKey locks.

Key supplied: N.1 ACTIVATION KEY N.1 DEACTIVATION KEY N.3 MASTER KEYS N.1 SERVICE KEYS





ACCESSORIES

0	Λ	7		
S	4,		5	

Fin	ish
Brass	And

Brass	Anodised Silver
Black	Anodised Bronze
Chrome Plated	PVD Gold
Chroma Plated Satinato	

Defender® Ø 50 reinforcement for 3DKey locks. Thickness 25 mm.

Centre distance of fixing holes 15 mm.

Including 2 M4x20 screws.

N.B. Use keys with at least a 30 mm shank





94.924N

Finish

Black

Defender® Ø 50 reinforcement for 3DKey locks. Thickness 25 mm. Centre distance of fixing holes 15 mm Including 2 special M4x20 screws.



94.1121

Finish

Zinc-Plated

Spacer thickness 2.5 mm for Defender® 3DKey locks diam. 50 mm

Pack of 25 pieces





94.240F 94.254 94.275 94.342 94.343 94.345 94.420 94.421 94.422 94.423 99.264-TEMPLATE

