

DEFENDER®

DEFENDER®

DF

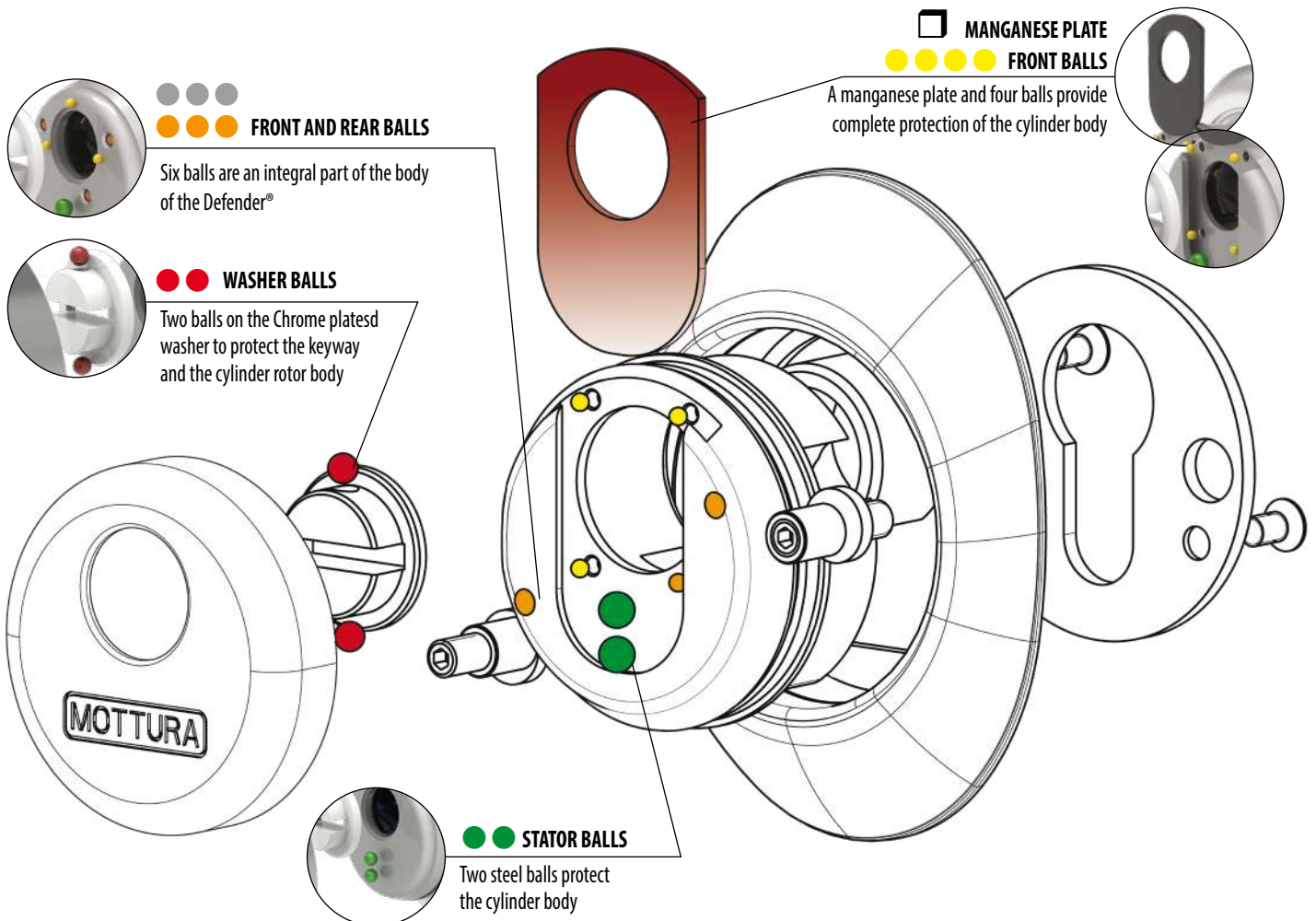


safeguarding your security

MADE
IN
ITALY

Defender® - ACTIVE PROTECTION

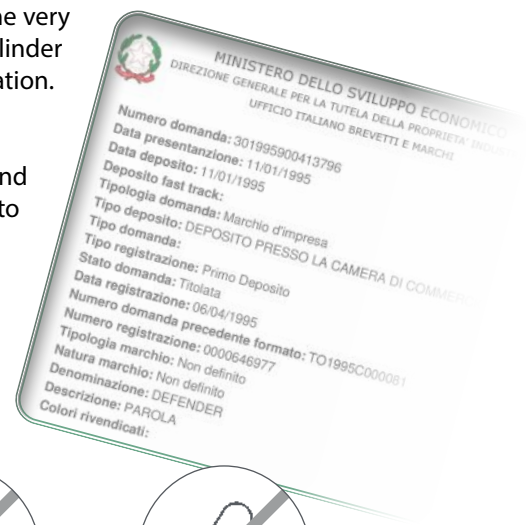
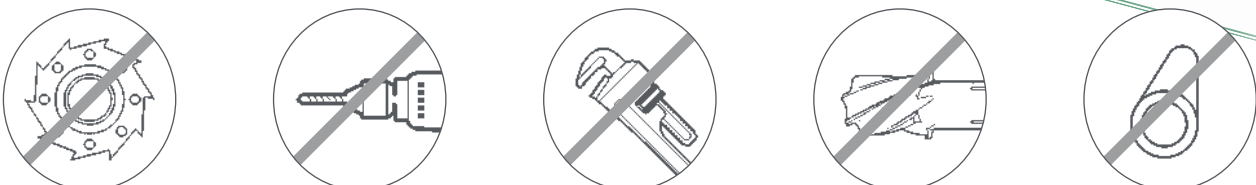
The Mottura Defender® (Europrofile cylinder lock) protectors are sophisticated active mechanisms, whose design performance, with attention to every detail, stops break-ins. Each of the security systems was designed to prevent localized action by an external agent used to disable locks such as disk grinders, drills, pliers, milling cutters or iron pipes. Steel balls and pins have been strategically arranged to deflect drill bits, to protect the keyway and to prevent the Defender's cylinder body from rotating. Shutters are made of hardened steel (manganese).



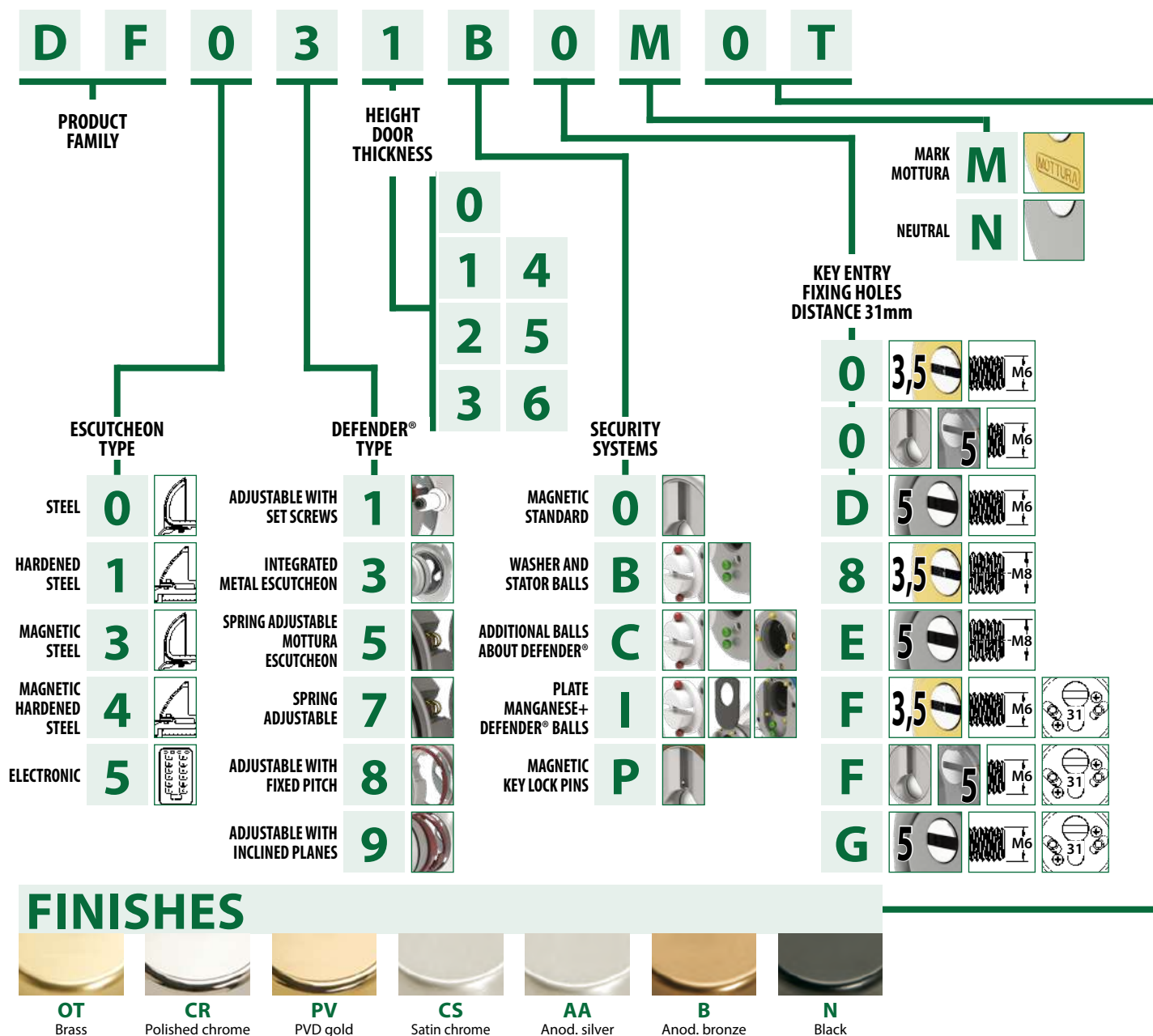
Mottura, who has been convinced of the importance of the Defender systems from the very beginning (so much so that it gave them their name), presents the complete range of cylinder lock protectors, featuring high level technology and maximum flexibility in their application. All this confirms the Mottura brand as industry leader.

Available in different models, from the fully tested Top System on up to the magnetic and electronic versions, in standard or adjustable sizes, these locks have been designed to work on every existing door.

With seven different finishes and three different internal protection systems, which can be variably combined at different levels featuring two keyway sizes and two different diameters for the mounting screws, the new Mottura Defender® lock Protectors are the most flexible and up-to-date solution on the market.



Defender® - CODING



Defender® - SECURITY GRADES

Mottura Defender® protectors feature increasing security grades that contribute to defining **5 progressive levels of security**, plus a “premium” category with innovative “Magnetic” and “Electronic” Defenders. **Each level contains a suggested scope.**

Defender® T.ZETA Defender® B.ZETA Level	Defender® B VERSION Defender® BASIC-BASIC DIERRE Level	Defender® C VERSION Level	Defender® DF05/07.. I VERSION Level	Defender® DF09/11/17.. I VERSION Defender® TOP SYSTEM Level	MAGNETIC Defender® ELECTRONIC Defender®
Level 1 Defender® protectors are recommended for the protection of locks for cellars and technical doors.	Level 2 Defender® protectors are recommended for the protection of gates and doors to technical areas.	Level 3 Defender® protectors are recommended for the protection of building entrances.	Level 4 Defender® protectors are recommended for the protection of entrance doors to apartments, storerooms and professional offices.	Level 5 Defender® protectors are recommended for the protection of entrance doors to apartments, storerooms, businesses and professional offices.	The Defender® Premium protectors are recommended for the protection of all types of entrances from apartments to large companies
Level 1	Level 2	Level 3	Level 4	Level 5	Premium

DF03

This is the simple Defender®, available in 4 different thicknesses with 2 security versions (B/C). Perfect for replacing existing or previous protections if you already know the door thickness.

B



Steel balls protect the cylinder body and on the chromed washer.

C



To version B, six balls are added as an integral part of the Defender® body.



The DF03 protector (DF031/032/033/034) consists of a steel Defender® with an integrated metal escutcheon (72 x 90 mm), available in 4 thicknesses and 2 security versions for each type.

The cover of the Defender® and the aluminium/brass escutcheon make 7 different finishes available for the best possible match with existing handles and knobs.

A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.

Available with M6 or M8 fixing screws (art. DF031...M8) Centre distances 26-38 mm - fixing screws included.

SPECIFICATIONS

	<p>A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.</p>		<p>Neutral or Mottura branded escutcheons are available.</p>
	<p>Available with M6 or M8 fixing screws.</p>		<p>All the versions feature two steel balls to protect the fixing screws.</p>

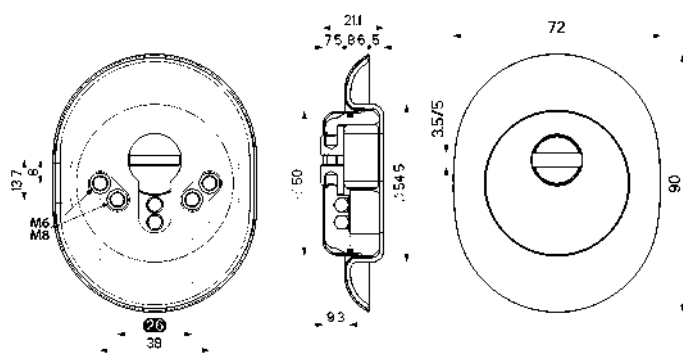
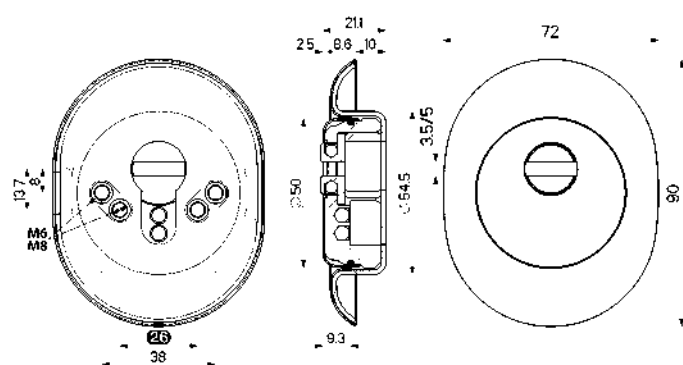
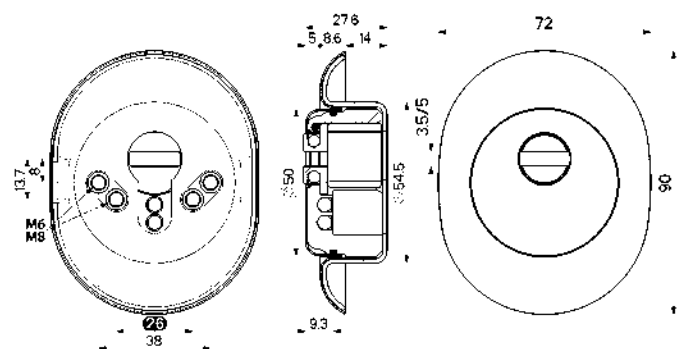
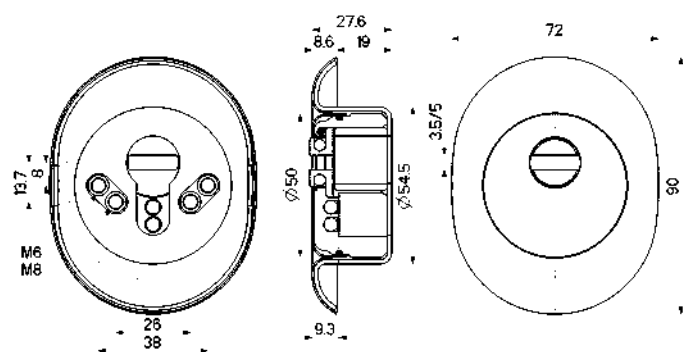
DATASHEET

DF031.. th→←5 mm		B	C
	Finish		
	Brass		
	Black		
	Cromato		
	Cromato satinato		
	Anodised silver		
	Anodised bronze		
	PVD gold		

DF032.. th→←10 mm		B	C
	Finish		
	Brass		
	Black		
	Chrome plated		
	Satin chrome		
	Anodised silver		
	Anodised bronze		
	PVD gold		

DF033.. th→←14 mm		B	C
	Finish		
	Brass		
	Black		
	Chrome plated		
	Satin chrome		
	Anodised silver		
	Anodised bronze		
	PVD gold		

DF034.. th→←19 mm		B	C
	Finish		
	Brass		
	Black		
	Chrome plated		
	Satin chrome		
	Anodised silver		
	Anodised bronze		
	PVD gold		



DF05 - Spring adjustable

This is the Defender® practical and adjustable, available in 2 thicknesses with 3 security versions (B/C/I). Thanks to a simple spring adjustment system, it is possible to compensate for size differences even if the precise thickness of the door panel is not known.

B



Steel balls protect the cylinder body and on the chromed washer.

C



To version B, six balls are added as an integral part of the Defender® body.

I



Two balls on the chrome washer + one manganese plate + 4 spheres for total protection of the Defender® body.



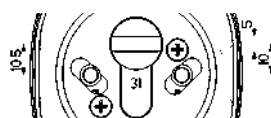
The protector DF05 (DF051/052) with adjustable thickness consists of a steel Defender® with a sheet metal escutcheon (65x90 mm), available in 2 thicknesses and 3 security versions for each type.

The cover of the Defender® in aluminium/brass and the escutcheon make 2 different finishes available for the best possible match with existing handles and knobs.

A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.

Available with M6 or M8 fixing screws (art. DF051...M8) Centre distance 38 mm - fixing screws included.

Possibility of fixing M6 center distance 31 mm on request for "B" and "C" versions only (contact the company).



**On request
distance 31 mm**

FINISH



CR
Chrome plated



PV
PVD gold

SPECIFICATIONS



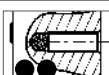
A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.



Neutral or Mottura branded escutcheons are available.



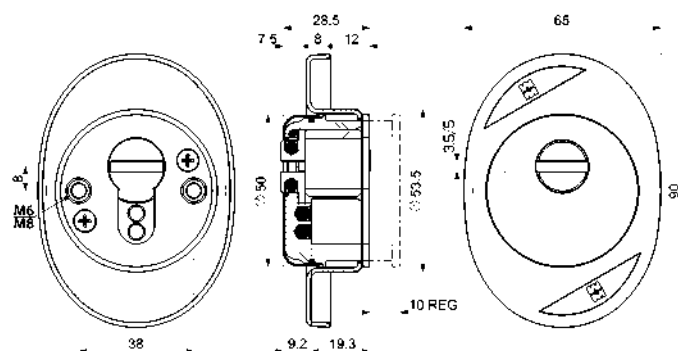
Available with M6 or M8 fixing screws.



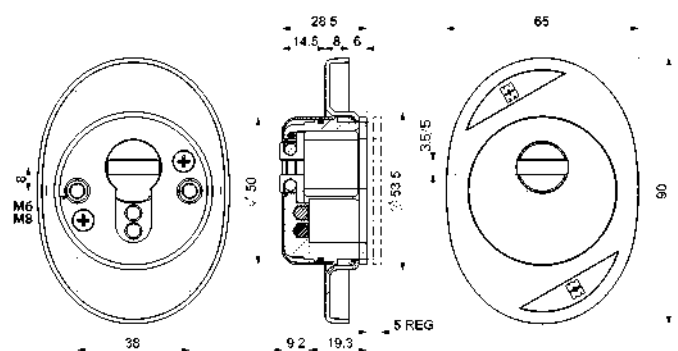
All the versions feature two steel balls to protect the fixing screws.

DATASHEET

DF051.. th→←12 a 22 mm		B	C	I
	Finish			
	Chrome plates			
	PVD gold			



DF052.. th→←6 a 11 mm		B	C	I
	Finish			
	Chrome plates			
	PVD gold			



DF07 - Spring adjustable

This is the Flexible Defender®, available in 4 thicknesses with 3 security versions (B/C/I). Can be installed on most door thicknesses thanks to the spring attachment system that makes it easy to adjust, even if spacers need to be inserted. It can also be mounted horizontally.

B



Steel balls protect the cylinder body and on the chromed washer.

C



To version B, six balls are added as an integral part of the Defender® body.

I



Two balls on the chrome washer + one manganese plate + 4 spheres for total protection of the Defender® body.



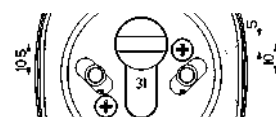
The protector DF07 (DF071/072/073/074) spring adjustable, consists of a steel Defender® with a sheet metal escutcheon (72x90 mm), available in 4 thicknesses and 3 security versions for each type.

The cover of the Defender® and the aluminium/brass escutcheon make 7 different finishes available for the best possible match with existing handles and knobs.

A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.

Available with M6 or M8 fixing screws (art. DF071...M8) Centre distance 38 mm - fixing screws included.

Possibility of fixing M6 center distance 31 mm on request for "B" and "C" versions only (contact the company).



**On request,
distance 31 mm**

SPECIFICATIONS

	A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.		Neutral or Mottura branded escutcheons are available.
	Available with M6 or M8 fixing screws.		All the versions feature two steel balls to protect the fixing screws.

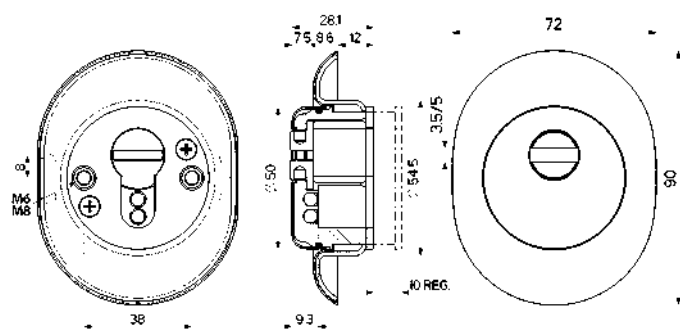
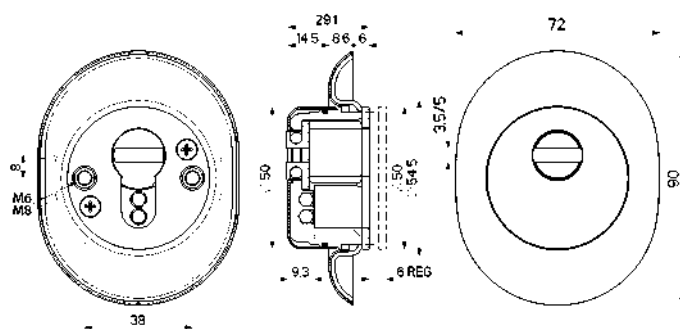
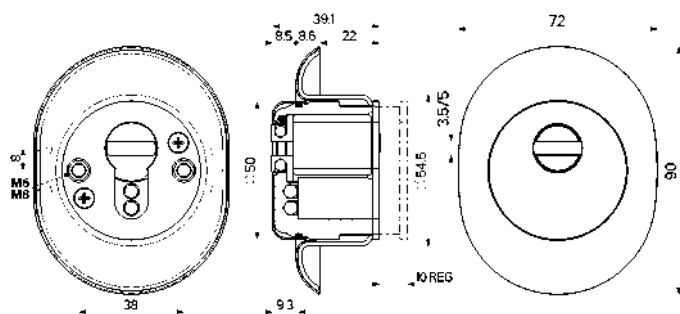
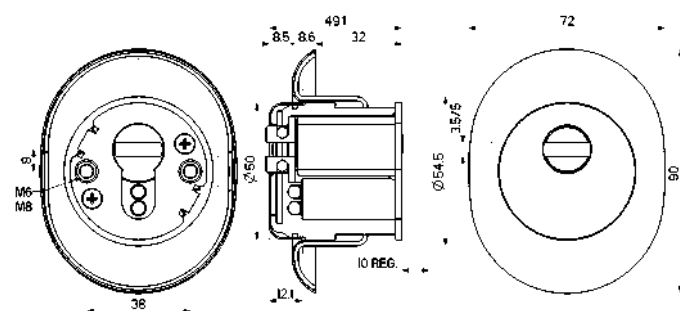
DATASHEET

DF071.. th → ← 12 a 22 mm		B	C	I
	Finish			
	Brass			
	Black			
	Chrome plated			
	Satin chrome			
	Anodised silver			
	Anodised bronze			
	PVD gold			

DF072.. th → ← 6 a 12 mm		B	C	I
	Finish			
	Brass			
	Black			
	Chrome plated			
	Satin chrome			
	Anodised silver			
	Anodised bronze			
	PVD gold			

DF073.. th → ← 22 a 32 mm		B	C	I
	Finish			
	Brass			
	Black			
	Chrome plated			
	Satin chrome			
	Anodised silver			
	Anodised bronze			
	PVD gold			

DF074.. th → ← 32 a 42 mm		B	C	I
	Finish			
	Brass			
	Black			
	Chrome plated			
	Satin chrome			
	Anodised silver			
	Anodised bronze			
	PVD gold			



DF08 - Adjustable with fixed pitch

It is the precision Defender®, available in 3 heights for 2 safety versions (B/C). It can be installed on most door thicknesses thanks to the fixing system and the simple height adjustment via a threaded ring positioned inside the defender.

B



Steel balls protect the cylinder body and on the chromed washer.

C

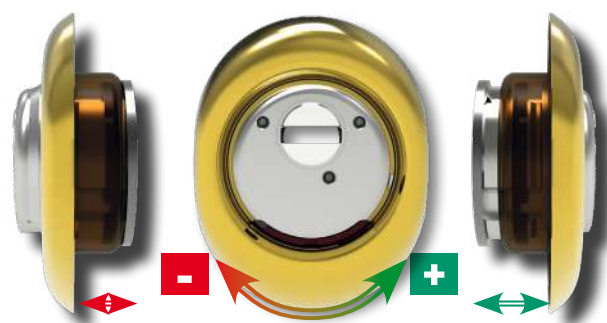


To version B, six balls are added as an integral part of the Defender® body.



The protector DF08 (Patented) (DF081/082/083) consists of a steel Defender® with a sheet metal escutcheon (72 x 90 mm), available in 3 thicknesses and 2 security versions for each type.

They are simply adjustable, with a screwdriver, via a threaded ring nut positioned inside the Defender® through the appropriate front seat visible under the cover in the lower part of the protector.



Adjustment: +4 mm (DF081),
+7 mm (DF082), +10 mm (DF083)

The cover of the Defender® and the aluminium/brass escutcheon make 7 different finishes available for the best possible match with existing handles and knobs.

A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.

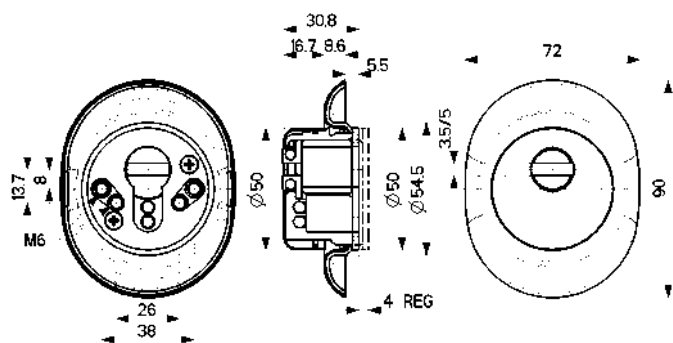
Available with M6 fixing screws - centre distance 26/38 mm - fixing screws included.

SPECIFICATIONS

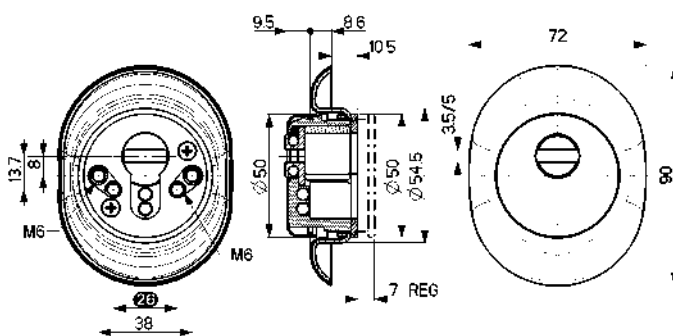
	A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.		Neutral or Mottura branded escutcheons are available.
	Available with M6 or M8 fixing screws.		All the versions feature two steel balls to protect the fixing screws.

DATASHEET

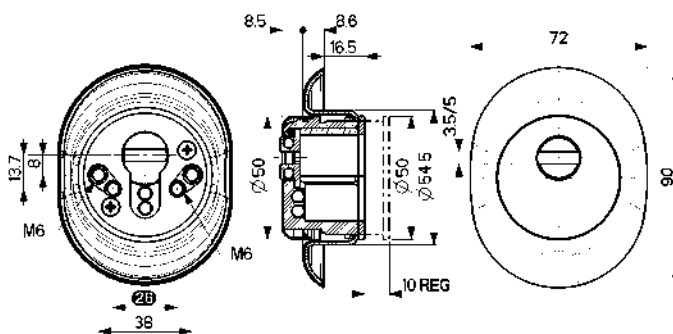
DF081.. th → ← 5,5 a 9,5 mm	B	C
	Finish	
	Brass	
	Black	
	Chrome plated	
	Satin chrome	
	Anodised silver	
	Anodised bronze	
	PVD gold	



DF082.. th → ← 10,5 a 17,5 mm	B	C
	Finish	
	Brass	
	Black	
	Chrome plated	
	Satin chrome	
	Anodised silver	
	Anodised bronze	
	PVD gold	



DF083.. th → ← 16,5 a 26,5 mm	B	C
	Finish	
	Brass	
	Black	
	Chrome plated	
	Satin chrome	
	Anodised silver	
	Anodised bronze	
	PVD gold	



DF09 - Adjustable with fixed pitch

This is the Defender® preferred by engineers, available in 6 thicknesses with 3 security versions (B/C/I). The fixed pitch allow the most precise mechanical adjustment of the Defender®, avoiding the use of shims or spacers

B



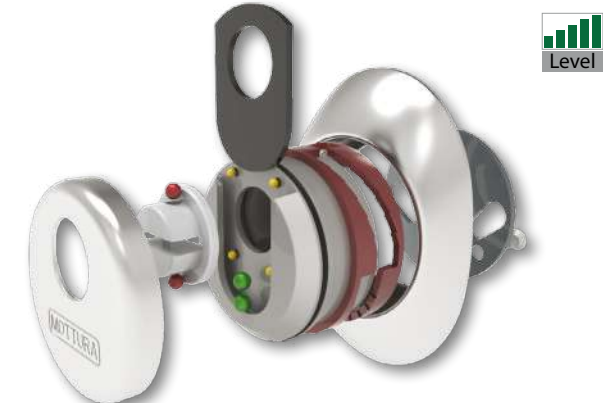
Steel balls protect the cylinder body and on the chromed washer.

C



To version B, six balls are added as an integral part of the Defender® body.

I



Two balls on the chrome washer + one manganese plate + 4 spheres for total protection of the Defender® body.



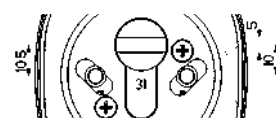
The DF09 protector (DF091/092/093/094/095/096) adjustable with fixed pitch consists of a Defender® and high-strength steel (HRC 53) escutcheon (65 x 90 mm), available in 6 thicknesses and 3 security versions for each type.

The cover of the Defender® and the aluminium/brass escutcheon make 7 different finishes available for the best possible match with existing handles and knobs.

A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.

Available with M6 fixing screws - centre distances 26-38 mm fixing screws included.

Possibility of fixing M6 center distance 31 mm on request for "B" and "C" versions only (contact the company).



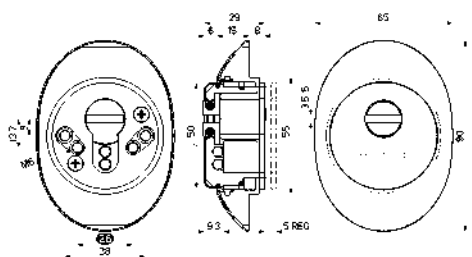
**On request,
distance 31 mm**

SPECIFICATIONS

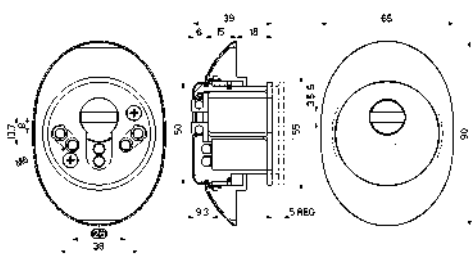
	A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.		Neutral or Mottura branded escutcheons are available.
	Available with M6 or M8 fixing screws.		All the versions feature two steel balls to protect the fixing screws.

DATASHEET

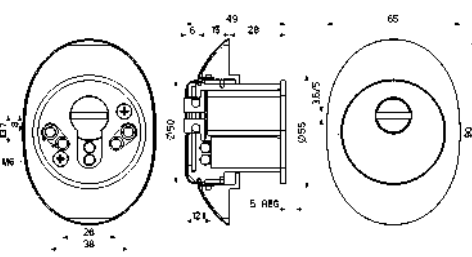
DF091.. th→←8 a 13 mm	DF092.. th→←13 a 18 mm		B	C	I
		Finish			
		Brass			
		Black			
		Chrome plated			
		Satin chrome			
		Anodised silver			
		Anodised bronze			
		PVD gold			



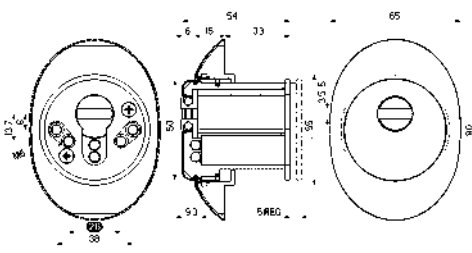
DF093.. th→←18 a 23 mm	DF094.. th→←23 a 28 mm		B	C	I
		Finish			
		Brass			
		Black			
		Chrome plated			
		Satin chrome			
		Anodised silver			
		Anodised bronze			
		PVD gold			



DF095.. th→←28 a 33 mm		B	C	I
	Finish			
	Brass			
	Black			
	Chrome plated			
	Satin chrome			
	Anodised silver			
	Anodised bronze			
	PVD gold			



DF096.. th→←33 a 38 mm		B	C	I
	Finish			
	Brass			
	Black			
	Chrome plated			
	Satin chrome			
	Anodised silver			
	Anodised bronze			
	PVD gold			



DF11 - Adjustable with set screws

This is the sintesi Defender®, since with just 3 thicknesses several panel thicknesses can be covered, thanks to its very simple system of adjustment with set screws, which can be done from outside even after the Defender® has been installed.

B



Steel balls protect the cylinder body and on the chromed washer.

C



To version B, six balls are added as an integral part of the Defender® body

I



Two balls on the chrome washer + one manganese plate + 4 spheres for total protection of the Defender® body.



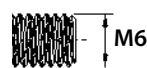
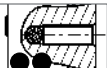
The DF11 Defender® (Patented) (DF111/112/113) adjustable with set screws consists of a Defender® and high-strength steel (HRC 53) escutcheon (65 x 90 mm), available in 3 thicknesses and 3 security levels for each type.

The cover of the Defender® and the aluminium/brass escutcheon make 7 different finishes available for the best possible match with existing handles and knobs.

A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.

Available with M6 fixing screws - Centre distance 38 mm - fixing screws included.

SPECIFICATIONS

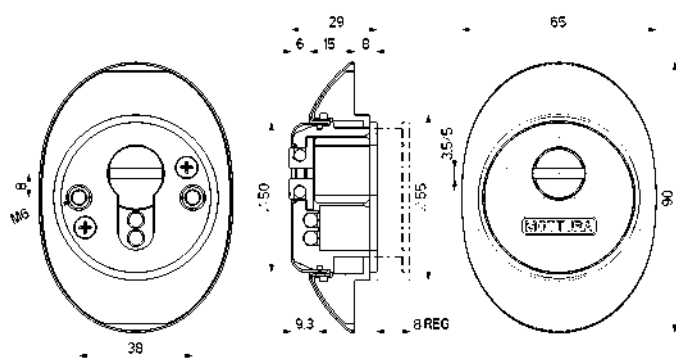
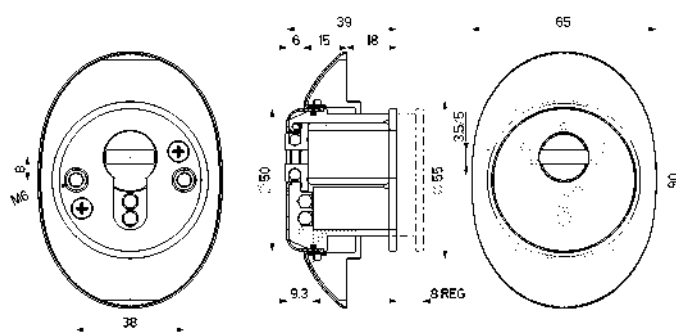
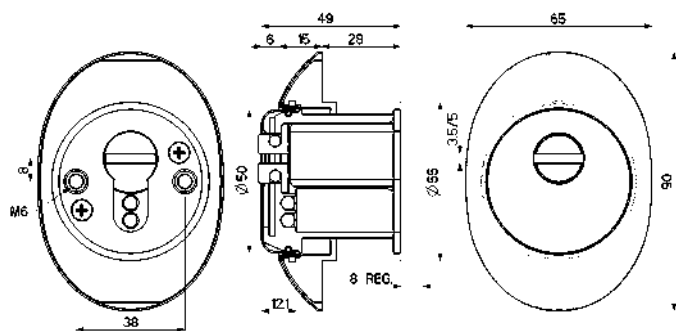
	<p>A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.</p>		<p>Neutral or Mottura branded escutcheons are available.</p>
	<p>Available with M6 or M8 fixing screws.</p>		<p>All the versions feature two steel balls to protect the fixing screws.</p>

DF111.. th → ← 8 a 16 mm		B	C	I
	Finish			
	Brass			
	Black			
	Chrome plated			
	Satin chrome			
	Anodised silver			
	Anodised bronze			
	PVD gold			

DF112.. th → ← 18 a 26 mm		B	C	I
	Finish			
	Brass			
	Black			
	Chrome plated			
	Satin chrome			
	Anodised silver			
	Anodised bronze			
	PVD gold			

DF113.. th → ← 28 a 36 mm		B	C	I
	Finish			
	Brass			
	Black			
	Chrome plated			
	Satin chrome			
	Anodised silver			
	Anodised bronze			
	PVD gold			

DATASHEET



DF17 - Spring adjustable full body escutcheon

This is the flexible Defender®, available with 3 security versions (B/C/I). Can be installed on most door thicknesses thanks to the spring attachment system that makes it easy to adjust, even if spacers need to be inserted. It can also be mounted horizontally.

B



Steel balls protect the cylinder body and on the chromed washer.

C



To version B, six balls are added as an integral part of the Defender® body.

I



Two balls on the chrome washer + one manganese plate + 4 spheres for total protection of the Defender® body.



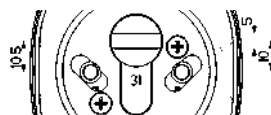
The protector DF17 (DF171) spring adjustable, consists of a Defender® and high-strength steel (HRC 53) escutcheon (65x90 mm), available with 3 security levels for each type.

The cover of the Defender® and the aluminium/brass escutcheon make 7 different finishes available for the best possible match with existing handles and knobs.

A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.

Available with M6 or M8 fixing screws (art. DF071...M8) Centre distance 38 mm - fixing screws included.

Possibility of fixing M6 center distance 31 mm on request for "B" and "C" versions only (contact the company).



On request, distance 31 mm

SPECIFICATIONS



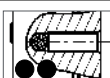
A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.



Neutral or Mottura branded escutcheons are available.



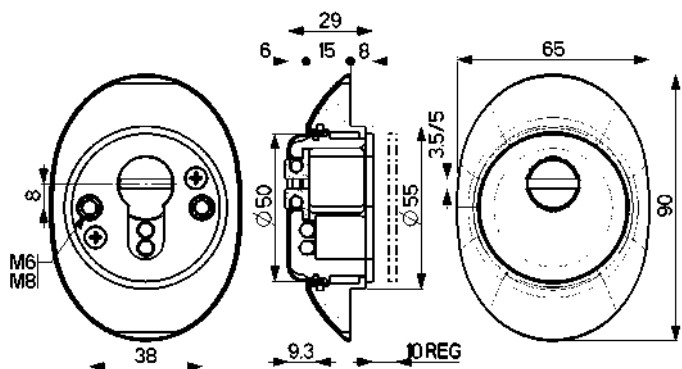
Available with M6 or M8 fixing screws.



All the versions feature two steel balls to protect the fixing screws.

DF171.. th → 8 a 18 mm		B	C	I
	Finish			
	Brass			
	Black			
	Chrome plated			
	Satin chrome			
	Anodised silver			
	Anodised bronze			
	PVD gold			

DATASHEET



DF18 - Adjustable full body escutcheon

It is the precision Defender®, available with 2 safety versions (B/C). It can be installed on most door thicknesses thanks to the fixing system and the simple height adjustment via a threaded ring positioned inside the defender.

B



Steel balls protect the cylinder body and on the chromed washer.

C



To version B, six balls are added as an integral part of the Defender® body.



The protector DF18 (DF181) adjustable with fixed pitch (Patented) consists of a Defender® and high-strength steel (HRC 53) escutcheon (65 x 90 mm), available with 3 security versions for each type.

They are simply adjustable, with a screwdriver, via a threaded ring nut positioned inside the Defender® through the appropriate front seat visible under the cover in the lower part of the protector. The cover of the Defender® and the aluminium/brass escutcheon make 7 different finishes available for the best possible match with existing handles and knobs.

A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.

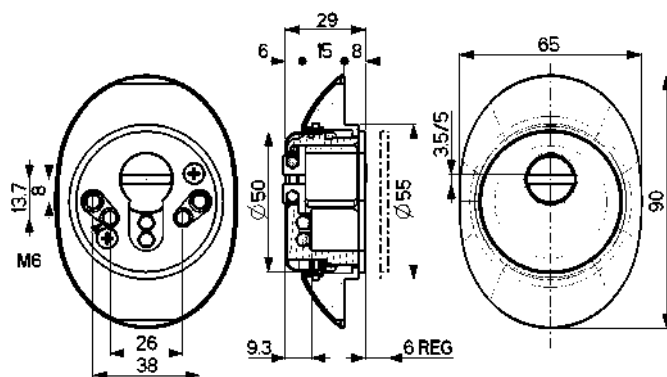
Available with M6 fixing screws - centre distance 26/38 mm - fixing screws included.

SPECIFICATIONS

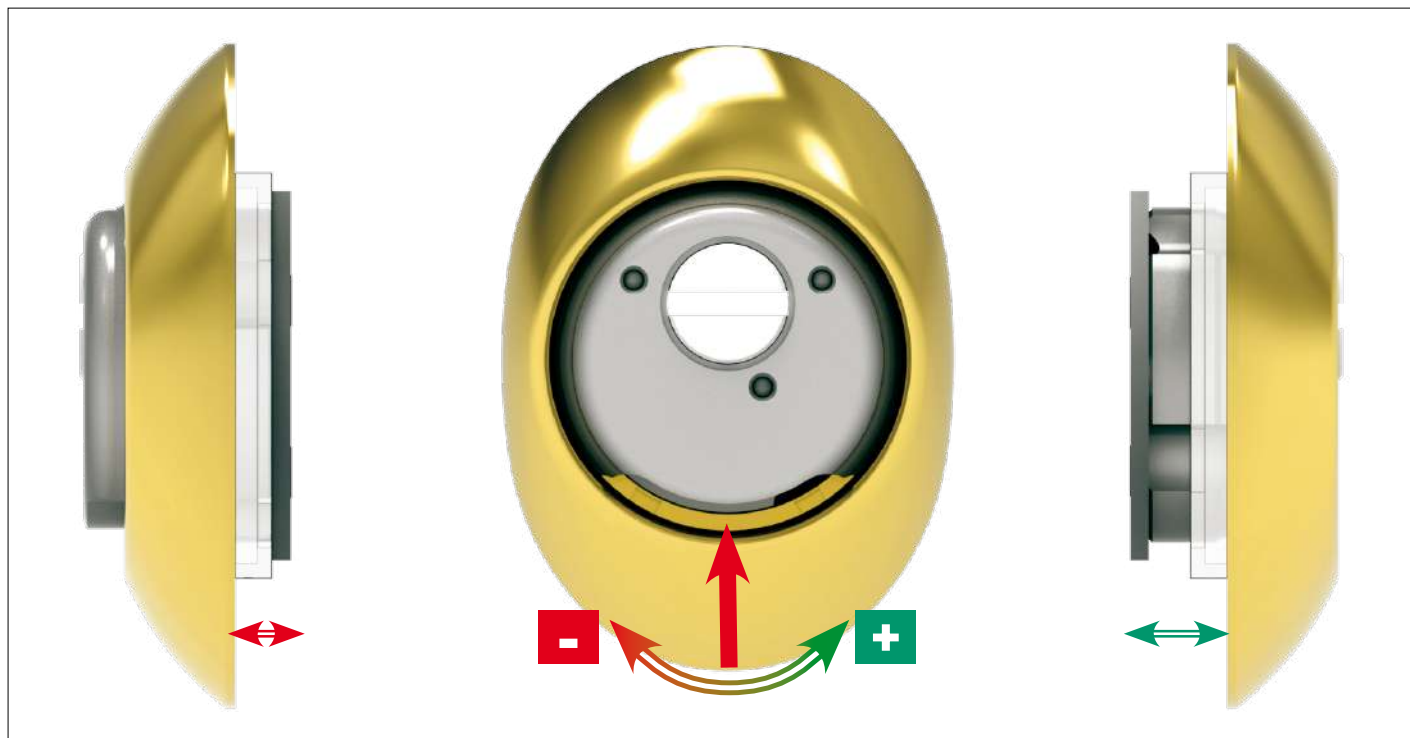
	<p>A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.</p>		<p>Neutral or Mottura branded escutcheons are available.</p>
	<p>Available with M6 fixing screws.</p>		<p>All the versions feature two steel balls to protect the fixing screws.</p>

DF181.. th→←8 a 14 mm		B	C
	Finish		
	Brass		
	Black		
	Chrome plated		
	Satin chrome		
	Anodised silver		
	Anodised bronze		
	PVD gold		

DATASHEET



ADJUSTMENT



DF33 - Magnetic with fixed height

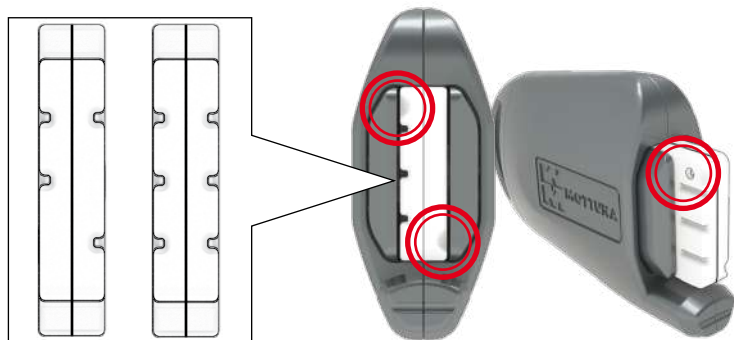
This is the simple Defender® in the version with magnetic closure and with opening via a special magnetic key. Available in 4 different thicknesses. Perfect for replacing existing or previous protections if you already know the door thickness. **Total protection on the keyway.**



MAGNETIC KEY

A special magnetic key allows you to open the mechanical key entry. Defender® key entry with magnetic/mechanical coding with rectangular profile with the possibility of different key profiles to obtain high numbers of coding. Key duplication at Mottura Club authorized centers.

Possibility to have protected profiles.



The magnetic Defender® DF33 (Patented) consists of a steel Defender® with a sheet metal escutcheon (72 x 90 mm), available in 4 heights (DF331P/332P/333P/334P) and a special rotating cover that completely protects the keyway.

The rotation of the rotating body is controlled by the special magnetic key, whose security is given by the combination of the polarities of 5 magnets in 6 possible positions plus 2 coding pins which do NOT allow the key to be removed during the rotation of the defender body.

The keyway is further protected by a rotating chromed steel washer with a 5 mm key entry slot.

The Defender® cover has only one INOX finish while the aluminium/brass escutcheon cover offer 7 different finishes for the best possible combination with existing handles and knobs.

Possibility of Defender® with the same coding in the KA version that can be opened with the same magnetic key.

Available with M6 fixings, 26/38 mm center distance - fixing screws included.

SPECIFICATIONS

	A rotating chromed washer protects with 5 mm key entry slot		
	Available with M6 fixing screws		All the versions feature two steel balls to protect the fixing screws

DF331P.. th → ≤ 5 mm		2 keys	4 keys
	Finish		
	Brass		
	Black		
	Chrome plated		
	Satin chrome		
	Anodised silver		
	Anodised bronze		
	PVD gold		

DF332P.. th → ≤ 10 mm		2 keys	4 keys
	Finish		
	Brass		
	Black		
	Chrome plated		
	Satin chrome		
	Anodised silver		
	Anodised bronze		
	PVD gold		

DF333P.. th → ≤ 14 mm		2 keys	4 keys
	Finish		
	Brass		
	Black		
	Chrome plated		
	Satin chrome		
	Anodised silver		
	Anodised bronze		
	PVD gold		

DF334P.. th → ≤ 19 mm		2 keys	4 keys
	Finish		
	Brass		
	Black		
	Chrome plated		
	Satin chrome		
	Anodised silver		
	Anodised bronze		
	PVD gold		

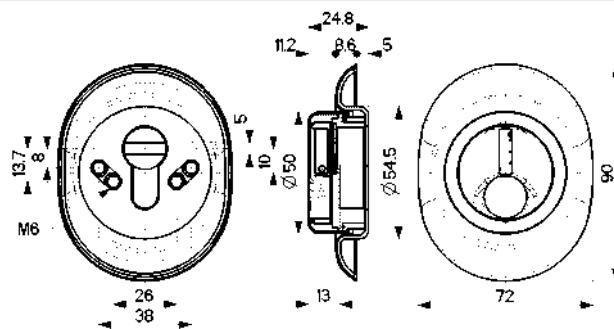
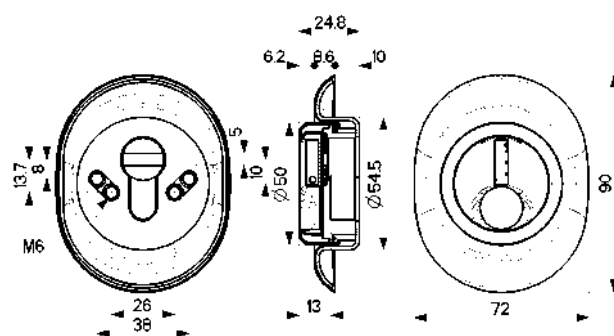
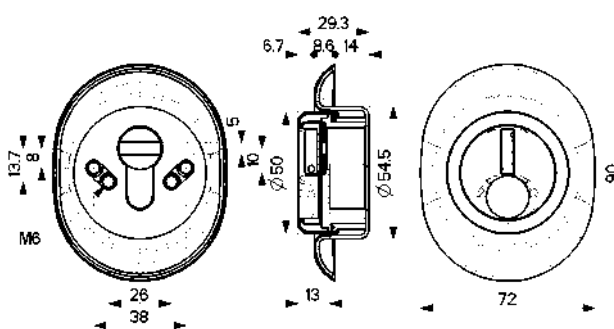
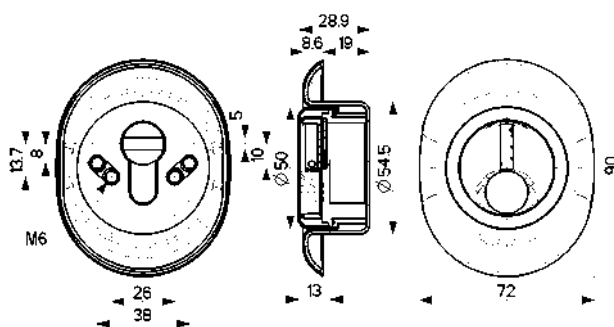
THE KEY

92356

Key in addition.
Magnetic/Mechanical coding.



DATASHEET



Magnetic key duplication kit
Reserved for Mottura Clubs



MASTER KEY SYSTEMS

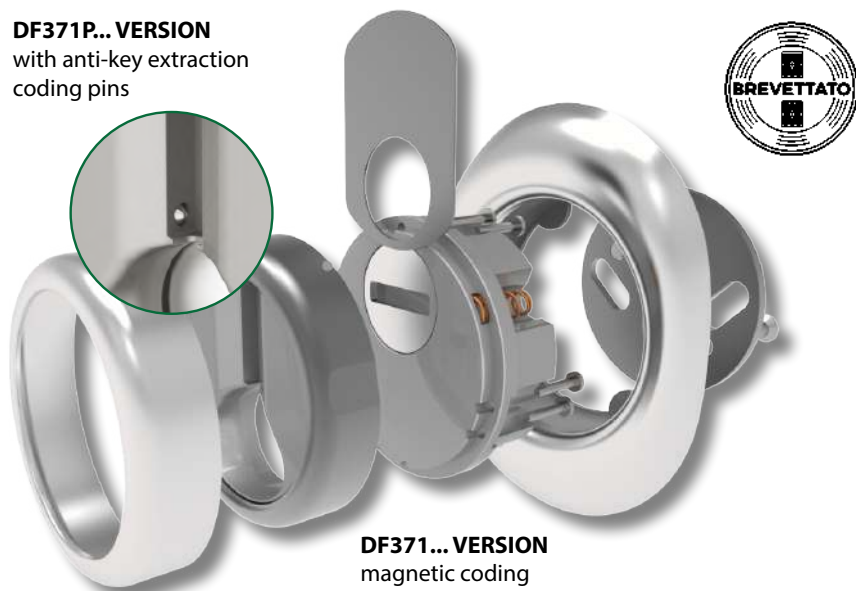


System composed of several defenders with the same code that can be opened with the same key.

DF37 - Magnetic with spring adjustable

This is the flexible Defender® in the version with magnetic closure and with opening via a special magnetic key. Can be installed on most door thicknesses thanks to the spring attachment system that makes it easy to adjust, even if spacers need to be inserted. It can also be mounted horizontally. **Total protection on the keyway.**

DF371P... VERSION
with anti-key extraction
coding pins



DF371... VERSION
magnetic coding



The magnetic Defender® DF371/DF371P (Patented) are spring-adjustable (10mm).

They consists of a steel Defender® with a sheet metal escutcheon (72 x 90 mm) and a special rotating cover that completely protects the keyway. The rotation of the body is controlled by the special magnetic key, whose security is given by the combination of the polarities of 7 magnets in 8 possible positions for DF371 and 5 magnets in 6 possible positions plus 2 coding pins for the DF371P version (in this version the coding pins do NOT allow the extraction of the key during rotation of the defender body).

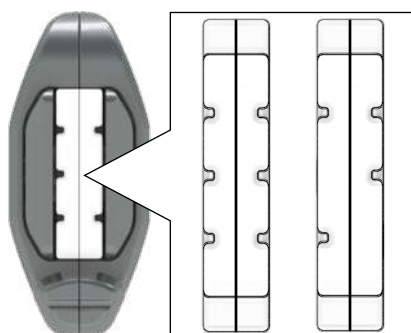
The keyway is further protected by a rotating chromed steel washer with a 5 mm keyway slot. The Defender® cover has only one INOX finish while the aluminium/brass escutcheon cover offer 7 different finishes for the best possible combination with existing handles and knobs. Possibility of Defender® with the same coding in the KA version that can be opened with the same magnetic key.

Available with M6 fixings center distance 26/38 mm - or 31 mm (on request only for DF371/371P) - fixing screws included.

MAGNETIC KEY

A special magnetic key allows you to open the mechanical key entry. Defender® key entry with magnetic or magnetic/mechanical coding with rectangular profile with the possibility of different key profiles to obtain high numbers of coding. Key duplication at Mottura Club authorized centers.

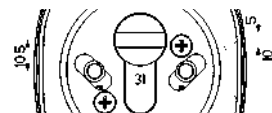
Possibility to have protected profiles.



DF371... VERSION
magnetic coding



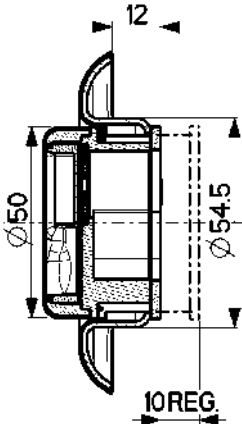
DF371P... VERSION
magnetic/mechanical coding with
anti-key extraction coding pins



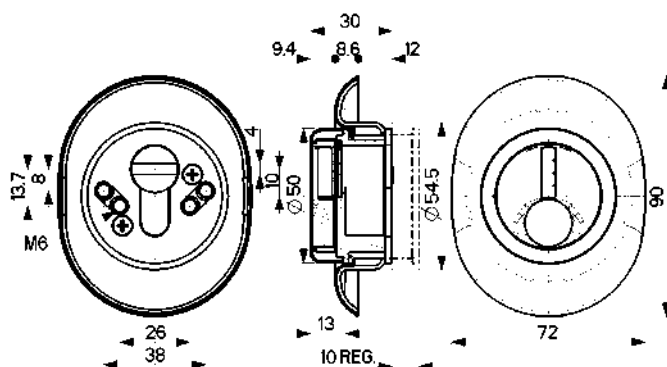
**On request,
distance 31 mm**

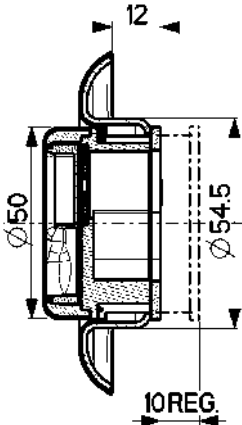
SPECIFICATIONS

	A rotating chromed washer protects with 5 mm key entry slot.		
	Available with M6 fixing screws.		All the versions feature two steel balls to protect the fixing screws.

DF371.. th→↵12 a 22 mm		2 keys	4 keys
	Finish		
	Brass		
	Black		
	Chrome plated		
	Satin chrome		
	Anodised silver		
	Anodised bronze		
PVD gold			

DATASHEET

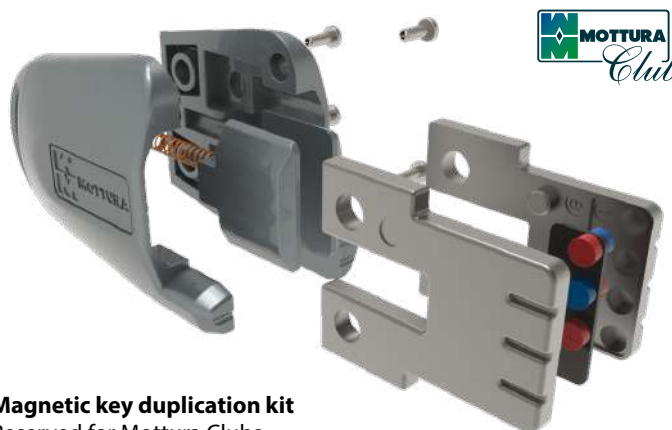


DF371P.. th→←12 a 22 mm		2 keys	4 keys
	Finish		
	Brass		
	Black		
	Chrome plated		
	Satin chrome		
	Anodised silver		
	Anodised bronze		
	PVD gold		

THE KEY

92355	
Key in addition. Magnetic coding.	

92356	
Key in addition. Magnetic/Mechanical coding.	



Magnetic key duplication kit
Reserved for Mottura Clubs

MASTER KEY SYSTEMS



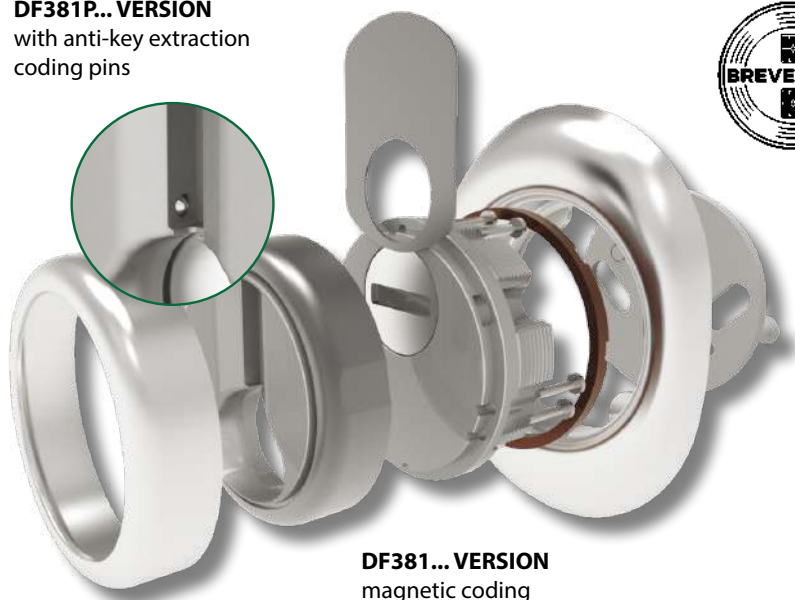
System composed of several defenders with the same code that can be opened with the same key.

DF38 - Magnetic adjustable with fixed pitch

It is the precision Defender®, in the version with magnetic closure and with opening via a special magnetic key. It can be installed on most door thicknesses thanks to the fixing system and the simple height adjustment via a threaded ring positioned inside the defender. **Total protection on the keyway.**

DF381P... VERSION

with anti-key extraction
coding pins



DF381... VERSION
magnetic coding



The magnetic Defender® DF381/381P (Patented) are adjustable with fixed pitch (6mm).

They consist of a steel Defender® with a sheet metal escutcheon (72 x 90 mm) and a special rotating cover that completely protects the keyway. The rotation of the body is controlled by the special magnetic key, whose security is given by the combination of the polarities of 7 magnets in 8 possible positions for DF381 and 5 magnets in 6 possible positions plus 2 coding pins for the DF381P version (in this version the coding pins do not allow the extraction of the key during rotation of the defender body).

The keyway is further protected by a rotating chromed steel washer with a 5 mm keyway slot.

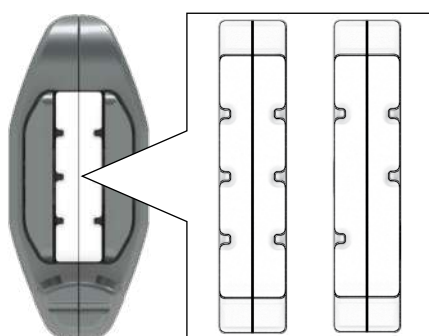
The Defender® cover has only one inox finish while the aluminium/brass escutcheon cover offers 7 different finishes for the best possible combination with existing handles and knobs. Possibility of Defender® with the same coding in the KA version that can be opened with the same magnetic key.

Available with M6 fixings center distance 26/38 mm - fixing screws included.

MAGNETIC KEY

A special magnetic key allows you to open the mechanical key entry. Defender® key entry with magnetic or magnetic/mechanical coding with rectangular profile with the possibility of different key profiles to obtain high numbers of coding. Key duplication at Mottura Club authorized centers.

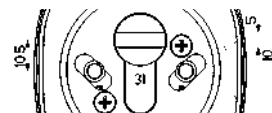
Possibility to have protected profiles.



DF381... VERSION
magnetic coding



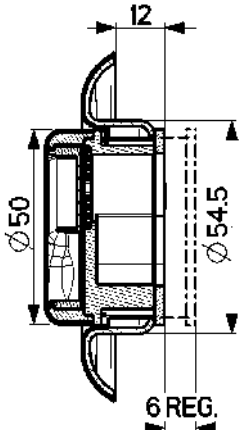
DF381P... VERSION
magnetic/mechanical coding with
anti-key extraction coding pins



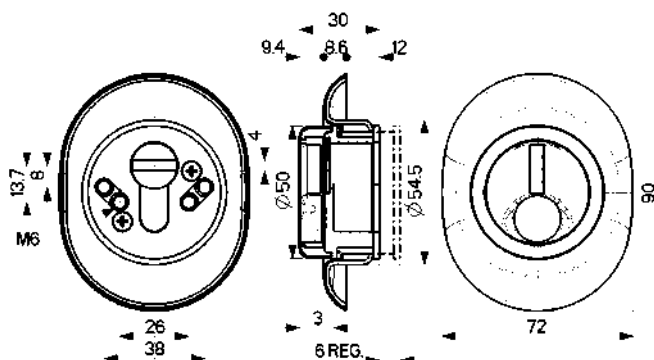
**On request,
distance 31 mm**

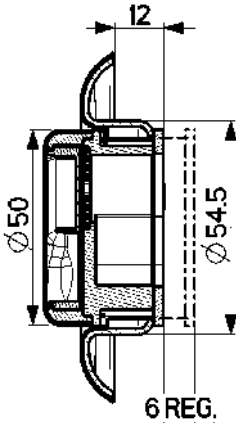
SPECIFICATIONS

	A rotating chromed washer protects with 5 mm key entry slot.		
	Available with M6 fixing screws.		All the versions feature two steel balls to protect the fixing screws.

DF381.. th→←12 a 18 mm		2 keys	4 keys
Finish			
	Brass		
	Black		
	Chrome plated		
	Satin chrome		
	Anodised silver		
	Anodised bronze		
	PVD gold		

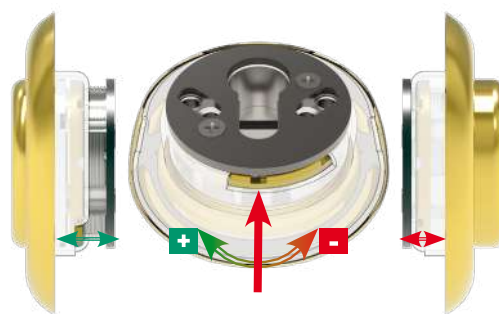
DATASHEET



DF381P.. th→←12 a 18 mm		2 keys	4 keys
	Finish		
	Brass		
	Black		
	Chrome plated		
	Satin chrome		
	Anodised silver		
	Anodised bronze		
PVD gold			

ADJUSTMENT

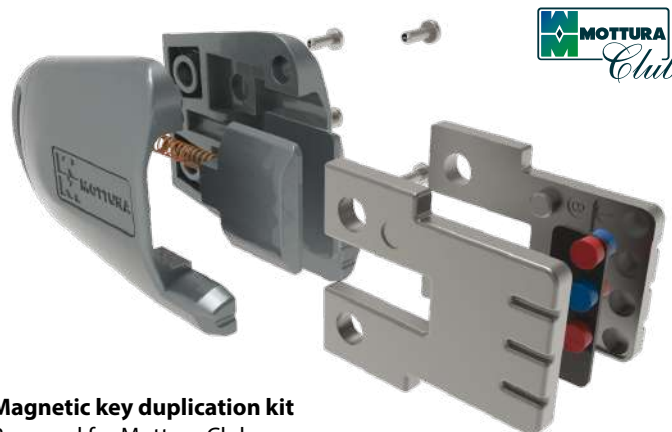
The Defender® DF38 are simply adjustable by acting directly on the threaded ring nut, through the special seat positioned on the underside of the back of the Defender® without the need to remove the cover.



THE KEY

92355	
Key in addition. Magnetic coding.	

92356	
Key in addition. Magnetic/Mechanical coding.	



Magnetic key duplication kit
Reserved for Mottura Clubs

MASTER KEY SYSTEMS

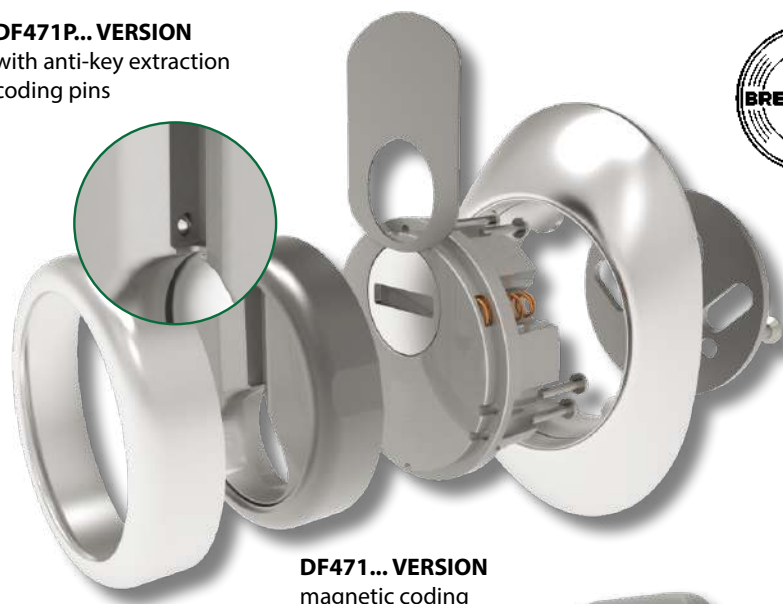


System composed of several defenders with the same code that can be opened with the same key.

DF47 - Magnetic with spring adjustable full body escutcheon

This is the flexible Defender® in the version with magnetic closure and with opening via a special magnetic key. Can be installed on most door thicknesses thanks to the spring attachment system that makes it easy to adjust, even if spacers need to be inserted. It can also be mounted horizontally. **Total protection on the keyway.**

DF471P... VERSION
with anti-key extraction
coding pins

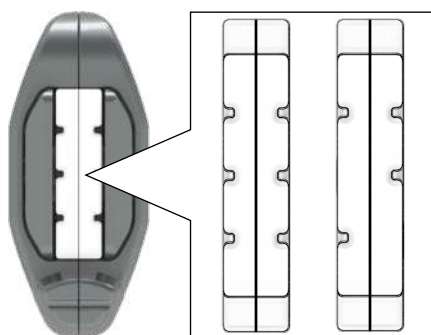


DF471... VERSION
magnetic coding

MAGNETIC KEY

A special magnetic key allows you to open the mechanical key entry. Defender® key entry with magnetic or magnetic/mechanical coding with rectangular profile with the possibility of different key profiles to obtain high numbers of coding. Key duplication at Mottura Club authorized centers.

Possibility to have protected profiles.



DF471... VERSION
magnetic coding



DF471P... VERSION
magnetic/mechanical coding with
anti-key extraction coding pins

The magnetic Defender® DF471/DF471P (Patented) are spring-adjustable (10mm).

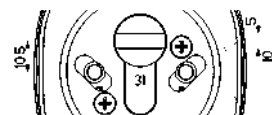
They consist of a Defender® and hardened steel (HRC 53) escutcheon (65 x 90 mm) and a special rotating cover that completely protects the keyway. The rotation of the body is controlled by the special magnetic key, whose security is given by the combination of the polarities of 7 magnets in 8 possible positions for DF471 and 5 magnets in 6 possible positions plus 2 coding pins for the DF471P version (in this version the coding pins do not allow the extraction of the key during rotation of the defender body).

The keyway is further protected by a rotating chromed steel washer with a 5 mm keyway slot.

The Defender® cover has only one inox finish while the aluminium/brass escutcheon cover offer 7 different finishes for the best possible combination with existing handles and knobs.

Possibility of Defender® with the same coding in the KA version that can be opened with the same magnetic key.

Available with M6 fixings center distance 26/38 mm or 31 mm (on request) - fixing screws included.

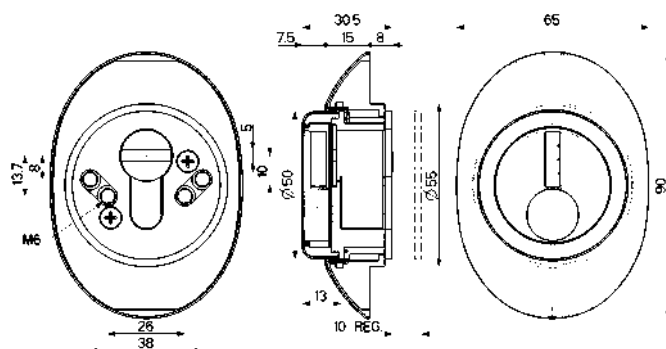


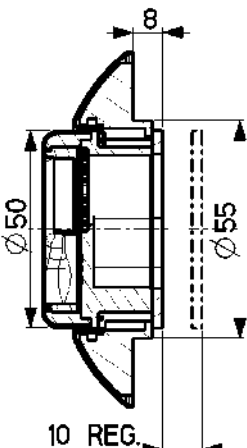
**On request,
distance 31 mm**

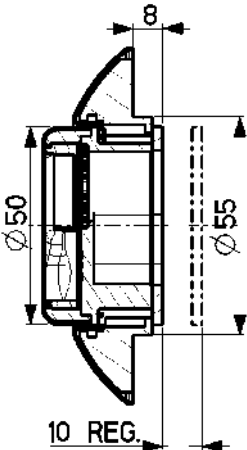
SPECIFICATIONS

	A rotating chromed washer protects with 5 mm key entry slot.		
	Available with M6 fixing screws.		All the versions feature two steel balls to protect the fixing screws.

DATASHEET



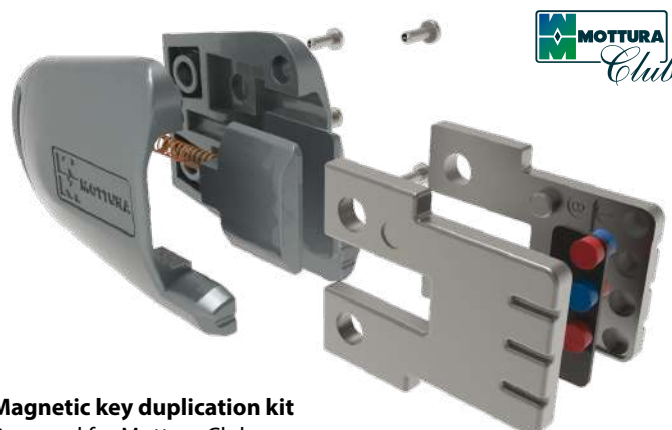
DF471.. th→←8 a 18 mm		2 keys	4 keys
	Finish		
	Brass		
	Black		
	Chrome plated		
	Satin chrome		
	Anodised silver		
	Anodised bronze		
PVD gold			

DF471P.. th → 8 a 18 mm		2 keys	4 keys
	Finish		
	Brass		
	Black		
	Chrome plated		
	Satin chrome		
	Anodised silver		
	Anodised bronze		
	PVD gold		

THE KEY

92355	
Key in addition. Magnetic coding.	

92356	
Key in addition. Magnetic/Mechanical coding.	



Magnetic key duplication kit
Reserved for Mottura Clubs

MASTER KEY SYSTEMS



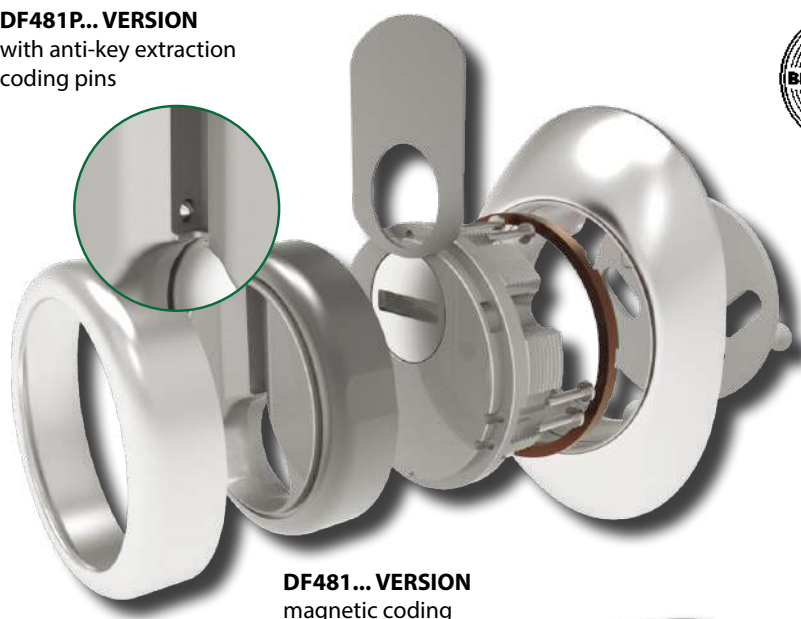
System composed of several defenders with the same code that can be opened with the same key.

DF48 - Magnetic adjustable with fixed pitch full body escutcheon

It is the precision Defender®, in the version with magnetic closure and with opening via a special magnetic key. It can be installed on most door thicknesses thanks to the fixing system and the simple height adjustment via a threaded ring positioned inside the defender. **Total protection on the keyway.**

DF481P... VERSION

with anti-key extraction coding pins



DF481... VERSION
magnetic coding



The magnetic Defender® DF481/481P (Patented) are adjustable with fixed pitch (6mm).

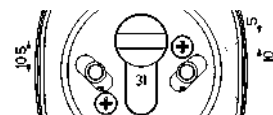
They consists of a Defender® and hardened steel (HRC 53) escutcheon (65 x 90 mm) and a special rotating cover that completely protects the keyway. The rotation of the body is controlled by the special magnetic key, whose security is given by the combination of the polarities of 7 magnets in 8 possible positions for DF481 and 5 magnets in 6 possible positions plus 2 coding pins for the DF481P version (in this version the coding pins do not allow the extraction of the key during rotation of the defender body).

The keyway is further protected by a rotating chromed steel washer with a 5 mm keyway slot.

The Defender® cover has only one inox finish while the aluminium/brass escutcheon cover offer 7 different finishes for the best possible combination with existing handles and knobs.

Possibility of Defender® with the same coding in the KA version that can be opened with the same magnetic key.

Available with M6 fixings center distance 26/38 mm - fixing screws included.

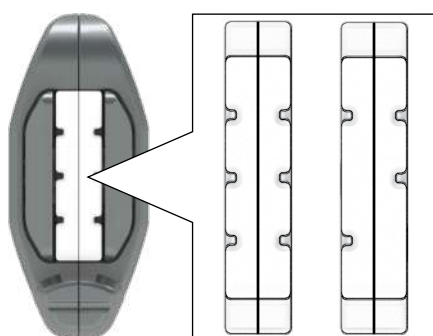


**On request,
distance 31 mm**

MAGNETIC KEY

A special magnetic key allows you to open the mechanical key entry. Defender® key entry with magnetic or magnetic/mechanical coding with rectangular profile with the possibility of different key profiles to obtain high numbers of coding. Key duplication at Mottura Club authorized centers.

Possibility to have protected profiles.



DF481... VERSION
magnetic coding



DF481P... VERSION
magnetic/mechanical coding with
anti-key extraction coding pins

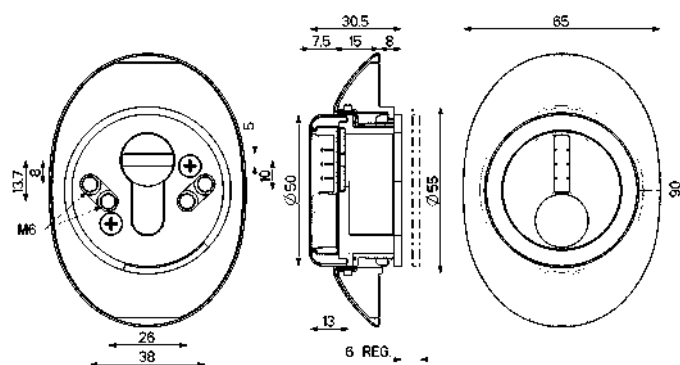
SPECIFICATIONS

	A rotating chromed washer protects with 5 mm key entry slot.		
	Available with M6 fixing screws.		All the versions feature two steel balls to protect the fixing screws.

DF481.. th → ← 8 a 14 mm		2 keys	4 keys
	Finish		
	Brass		
	Black		
	Chrome plated		
	Satin chrome		
	Anodised silver		
	Anodised bronze		
	PVD gold		

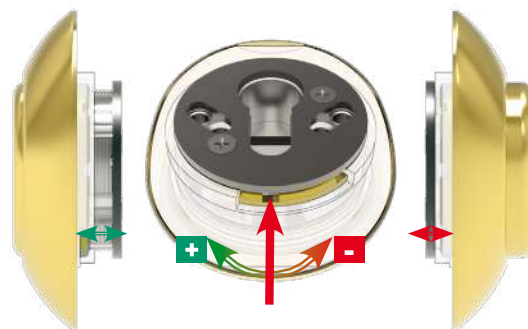
DF481P.. th → ← 8 a 14 mm		2 keys	4 keys
	Finish		
	Brass		
	Black		
	Chrome plated		
	Satin chrome		
	Anodised silver		
	Anodised bronze		
	PVD gold		

DATASHEET



ADJUSTMENT

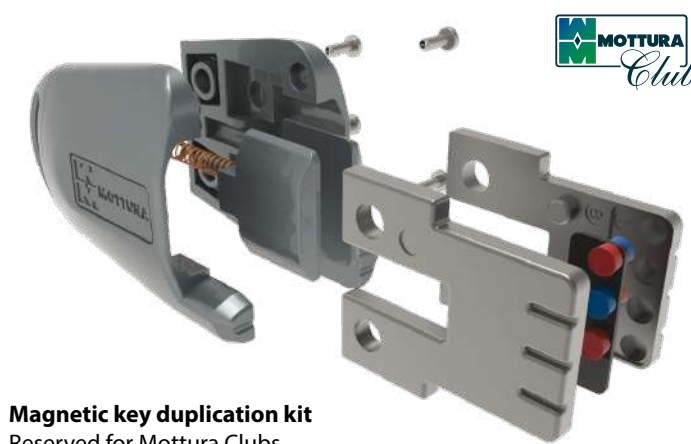
The Defender® DF48 are simply adjustable by acting directly on the threaded ring nut, through the special seat positioned on the underside of the back of the Defender® without the need to remove the cover.



THE KEY

92355	
Key in addition. Magnetic coding.	

92356	
Key in addition. Magnetic/Mechanical coding.	



Magnetic key duplication kit
Reserved for Mottura Clubs

MASTER KEY SYSTEMS



System composed of several defenders with the same code that can be opened with the same key.

DF43 - Anti-vandal for double bit and 3DKey® locks

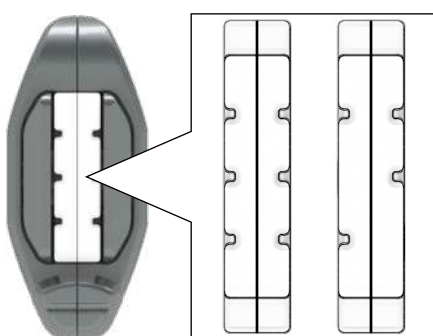
It is the magnetic Defender® with full body escutcheon and opening via a special magnetic key, for double bit locks (DF430) or for 3DKey® locks (DF43D). It is installed directly on the door panel. **Total protection on the keyway.**



MAGNETIC KEY

A special magnetic key allows you to open the mechanical key entry. Defender® key entry with magnetic or magnetic/mechanical coding with rectangular profile with the possibility of different key profiles to obtain high numbers of coding. Key duplication at Mottura Club authorized centers.

Possibility to have protected profiles.



The magnetic Defender® DF43 (Patented) consists of a Defender® and hardened steel (HRC 53) escutcheon (65 x 90 mm) and a special rotating cover that completely protects the keyway.

The rotation of the body is controlled by the special magnetic key, whose security is given by the combination of the polarities of 7 magnets in 8 possible positions. The Defender® cover and the aluminium/brass escutcheon cover offer 7 different finishes for the best possible combination with existing handles and knobs.

Possibility of Defender® with the same coding in the KA version that can be opened with the same magnetic key.



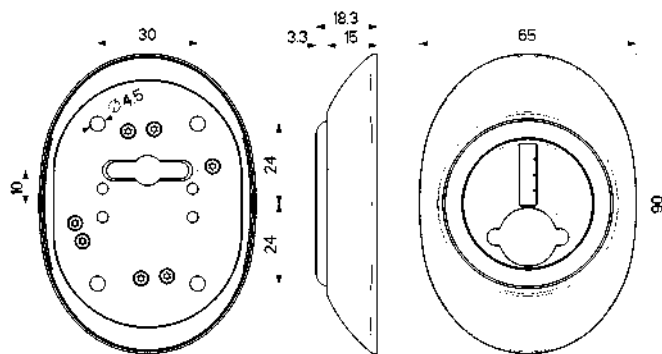
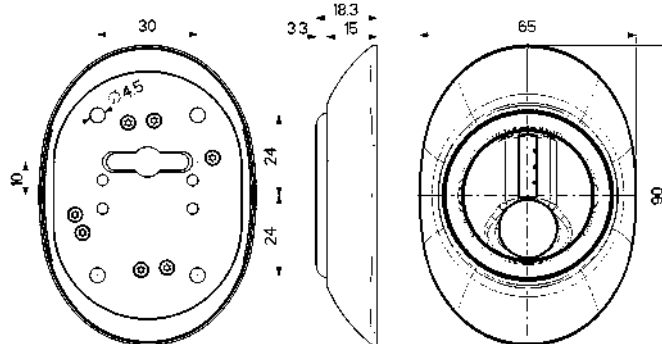
SPECIFICATIONS

N 	Protection plate in neutral version.		

DF430..		2 keys	4 keys
Finish			
Brass			
Black			
Chrome plated			
Satin chrome			
Anodised silver			
Anodised bronze			
PVD gold			

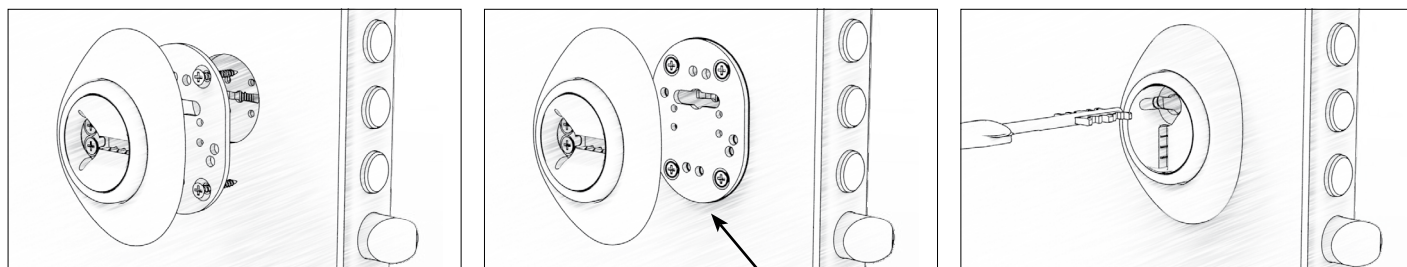
DF43D..		2 keys	4 keys
Finish			
Brass			
Black			
Chrome plated			
Satin chrome			
Anodised silver			
Anodised bronze			
PVD gold			

DATASHEET



Not used with folding keys

INSTALLATION



94614

Internal plate for fixing Magnetic Defender®
DF430 / DF43D
Dim. 74x56x3 mm



Not included

EXTERNAL SIDE

EXTERNAL SIDE

THE KEY

92355

Key in addition.
Magnetic coding.



Magnetic key duplication kit
Reserved for Mottura Clubs



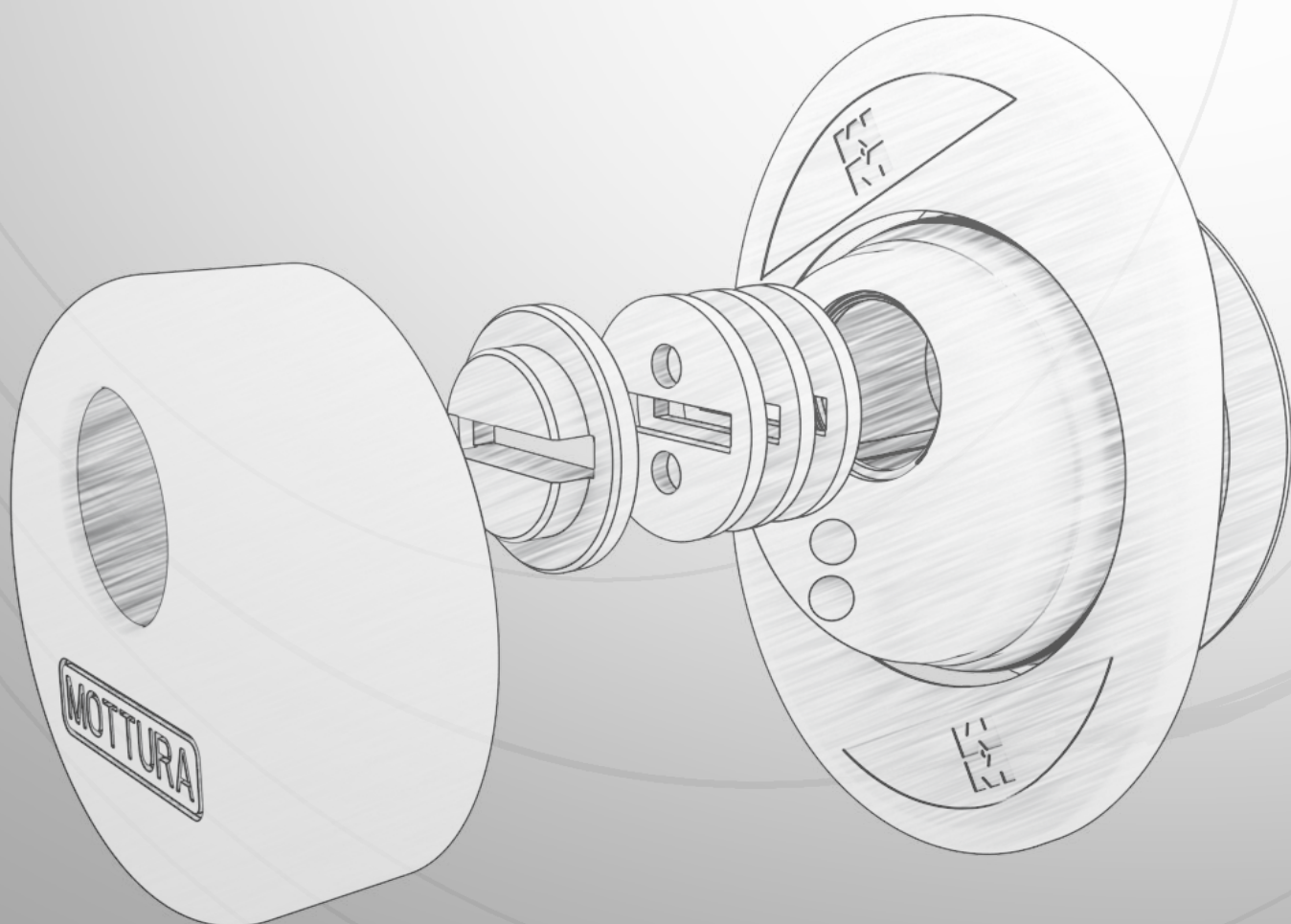
MASTER KEY SYSTEMS



System composed of several defenders with the same code
that can be opened with the same key.



... the history of the
Mottura Defender® follows...



TOP SYSTEM NEW LINE

Defender® for high security, in 2 different thicknesses, with cone base for installation in combination with manganese reinforcement plates. Keyway protected by three rotating manganese steel plates.



The Top System New Line protection is made up of a steel Defender® available without escutcheon 94631/41 or with escutcheon 94731/41 (item 95447 - dim. 65 x 90 mm).

Combine with the appropriate manganese plates. The Defender® cover and the aluminium/brass escutcheon cover offer 7 different finishes for the best possible combination with existing handles and knobs.

The keyway is protected by a manganese plate positioned to completely cover the rotating chromed washer with the keyway slot 3.5 mm.

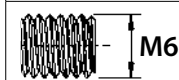
Available with M6 fixings center distance 38 mm.

94631 th→←30 mm	Finish	94731 th→←30 mm	Finish
	Brass		Brass
	Black		Black
	Chrome plates		Chrome plates
	Satin chrome		Satin chrome
	Anodised silver		Anodised silver
	Anodised bronze		Anodised bronze
	PVD gold		PVD gold
94641 th→←40 mm	Finish	94741 th→←40 mm	Finish
	Brass		Brass
	Black		Black
	Chrome plates		Chrome plates
	Satin chrome		Satin chrome
	Anodised silver		Anodised silver
	Anodised bronze		Anodised bronze
	PVD gold		PVD gold

SPECIFICATIONS



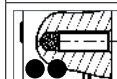
A rotating chromed washer protects with 3,5 mm key entry slot



Available with M6 fixing screws



Possibility of neutral version or with Mottura brand on the cover



All the versions feature two steel balls to protect the fixing screws

TOP SYSTEM

Defender® for high security, in 4 different thicknesses, with cone base for installation in combination with manganese reinforcement plates. Keyway protected by three rotating manganese steel plates

94630



Defender® thickness 30 mm
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.

94730



Defender® thickness 30 mm including escutcheon 95447
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.



94640



Defender® thickness 40 mm
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.

94740



Defender® thickness 40 mm including escutcheon 95447
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.

94650



Defender® thickness 50 mm
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.

94750



Defender® thickness 50 mm including escutcheon 95447
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.

94660



Defender® thickness 60 mm
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.

94760



Defender® thickness 60 mm including escutcheon 95447
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.



The Top System protector consists of a steel Defender® available in the version with escutcheon (65 x 90 mm - 94730/40/50/60) or without escutcheon (94630/40/50/60), in 4 thicknesses.

Combine with the appropriate manganese plates. The cover of the Defender® in aluminium/brass makes 7 different finishes available for the best possible match with existing handles and knobs.

The keyway is protected by a rotating chromed washer with a 3.5 mm keyway slot and 3 manganese steel plates for a total thickness of 12 mm.

Available with M6 fixings center distance 38 mm.

SPECIFICATIONS

	A rotating chromed washer protects with 3,5 mm key entry slot		Possibility of Neutral version or with Mottura brand on the cover
	Available with M6 fixing screws		All the versions feature two steel balls to protect the fixing screws

94630 th→←30 mm	Finish
	Brass
	Black
	Chrome plates
	Satin chrome
	Anodised silver
	Anodised bronze
	PVD gold

94730 th→←30 mm	Finish
	Brass
	Black
	Chrome plates
	Satin chrome
	Anodised silver
	Anodised bronze
	PVD gold

94640 th→←40 mm	Finish
	Brass
	Black
	Chrome plates
	Satin chrome
	Anodised silver
	Anodised bronze
	PVD gold

94740 th→←40 mm	Finish
	Brass
	Black
	Chrome plates
	Satin chrome
	Anodised silver
	Anodised bronze
	PVD gold

94650 th→←50 mm	Finish
	Brass
	Black
	Chrome plates
	Satin chrome
	Anodised silver
	Anodised bronze
	PVD gold

94750 th→←50 mm	Finish
	Brass
	Black
	Chrome plates
	Satin chrome
	Anodised silver
	Anodised bronze
	PVD gold

94660 th→←60 mm	Finish
	Brass
	Black
	Chrome plates
	Satin chrome
	Anodised silver
	Anodised bronze
	PVD gold

94760 th→←60 mm	Finish
	Brass
	Black
	Chrome plates
	Satin chrome
	Anodised silver
	Anodised bronze
	PVD gold

BASIC

Defender® with chromed washer to protect the keyway, which with just 2 thicknesses covers most door thicknesses, expands its range with the new version for Dierre doors.

9411625



Defender® thickness 25 mm
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.

9411725



Defender® thickness 25 mm including escutcheon 95447
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.

9411645



Defender® thickness 45 mm
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.

9411745



Defender® thickness 45 mm including escutcheon 95447
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.

9411425 DIERRE



Defender® thickness 25 mm for Dierre locks
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.

9411525 DIERRE



Defender® thickness 25 mm for Dierre locks including escutcheon 95447. Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.



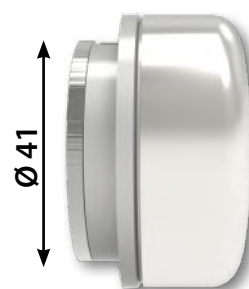
The Basic protector consists of a steel Defender® available in the version with escutcheon (65 x 90 mm - 9411725/745) and without escutcheon (9411625/645), available in 2 thicknesses (25/45 mm).

Single thickness (25 mm) for the new Basic Dierre version. The cover of the Defender® in aluminium/brass makes 7 different finishes available for the best possible match with existing handles and knobs.

A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.

Available with M6 or M8 fixing screws (art. 9411...M8) centre distance 38 mm for Basic.

Available with M6 fixing screws -centre distance 31 mm for Basic Dierre.



BASIC DIERRE

SPECIFICATIONS

	A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.		Possibility of neutral version or with Mottura brand on the cover
	Available with M6 or M8 fixing screws for Basic Available with M6 fixing screws for Basic Dierre		All the versions feature two steel balls to protect the fixing screws

9411625 th→←25 mm	Finish
	Brass
	Black
	Chrome plates
	Satin chrome
	Anodised silver
	Anodised bronze
	PVD gold

9411725 th→←25 mm	Finish
	Brass
	Black
	Chrome plates
	Satin chrome
	Anodised silver
	Anodised bronze
	PVD gold

9411645 th→←45 mm	Finish
	Brass
	Black
	Chrome plates
	Satin chrome
	Anodised silver
	Anodised bronze
	PVD gold

9411745 th→←45 mm	Finish
	Brass
	Black
	Chrome plates
	Satin chrome
	Anodised silver
	Anodised bronze
	PVD gold

9411425 th→←25 mm	Finish
	Brass
	Black
	Chrome plates
	Satin chrome
	Anodised silver
	Anodised bronze
	PVD gold

9411525 th→←25 mm	Finish
	Brass
	Black
	Chrome plates
	Satin chrome
	Anodised silver
	Anodised bronze
	PVD gold

T.ZETA

Defender®, with a simple zinc alloy structure for easy assembly. Interchangeable with the Defender® Top System, in 4 different thicknesses, with cone base for installation in combination with manganese reinforcement plates.

94830



Defender® thickness 30 mm
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.

94930



Defender® thickness 30 mm including escutcheon 95447
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.



94840



Defender® thickness 40 mm
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.

94940



Defender® thickness 40 mm including escutcheon 95447
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.

The T.ZETA protector consists of a zinc alloy Defender® available in the version with escutcheon (65 x 90 mm - 94930/40/50/60) or without escutcheon (94830/40/50/60), in 4 thicknesses.

Combine with the appropriate manganese plates. The cover of the Defender® in aluminium/brass makes 7 different finishes available for the best possible match with existing handles and knobs.

A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.

Available with M6 fixing screws - centre distance 38 mm.

94850



Defender® thickness 50 mm
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.

94950



Defender® thickness 50 mm including escutcheon 95447
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.

94860



Defender® thickness 60 mm
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.

94960



Defender® thickness 60 mm including escutcheon 95447
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.



SPECIFICATIONS

	A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.		Possibility of neutral version or with Mottura brand on the cover.
	Available with M6 fixing screws.		All the versions feature two steel balls to protect the fixing screws.

94830 th → ≤ 30 mm	Finish
	Brass
	Black
	Chrome plates
	Satin chrome
	Anodised silver
	Anodised bronze
	PVD gold

94930 th → ≤ 30 mm	Finish
	Brass
	Black
	Chrome plates
	Satin chrome
	Anodised silver
	Anodised bronze
	PVD gold

94840 th → ≤ 40 mm	Finish
	Brass
	Black
	Chrome plates
	Satin chrome
	Anodised silver
	Anodised bronze
	PVD gold

94940 th → ≤ 40 mm	Finish
	Brass
	Black
	Chrome plates
	Cromato satinato
	Anodised silver
	Anodised bronze
	PVD gold

94850 th → ≤ 50 mm	Finish
	Brass
	Black
	Chrome plates
	Satin chrome
	Anodised silver
	Anodised bronze
	PVD gold

94950 th → ≤ 50 mm	Finish
	Brass
	Black
	Chrome plates
	Satin chrome
	Anodised silver
	Anodised bronze
	PVD gold

94860 th → ≤ 60 mm	Finish
	Brass
	Black
	Chrome plates
	Satin chrome
	Anodised silver
	Anodised bronze
	PVD gold

94960 th → ≤ 60 mm	Finish
	Brass
	Black
	Chrome plates
	Satin chrome
	Anodised silver
	Anodised bronze
	PVD gold

B.ZETA

Defender®, with a simple zinc alloy structure for easy assembly. Interchangeable with the Defender® Basic, in 2 different thicknesses (25/45 mm) with or without escutcheon.

9411825



Defender® thickness 25 mm
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.

9411925



Defender® thickness 25 mm including escutcheon 95447
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.

9411845



Defender® thickness 45 mm
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.

9411945



Defender® thickness 45 mm including escutcheon 95447
Two steel balls protect the cylinder body.
Two steel balls protect the fixing screws.



The B.ZETA protector consists of a zinc alloy Defender® available in the version with escutcheon (65x90 mm - 94930/40/50/60) or without escutcheon (94830/40/50/60), in 2 thicknesses.

The cover of the Defender® in aluminium/brass makes 7 different finishes available for the best possible match with existing handles and knobs.

A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.

Available with M6 fixing screws - centre distance 38 mm.



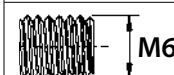
9411825 th → ← 25 mm	9411925 th → ← 25 mm	Finish
		Brass
		Black
		Chrome plated
		Satin chrome
		Anodised silver
		Anodised bronze
		PVD gold

9411845 th → ← 45 mm	9411945 th → ← 45 mm	Finish
		Brass
		Black
		Chrome plated
		Satin chrome
		Anodised silver
		Anodised bronze
		PVD gold

SPECIFICATIONS



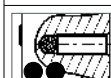
A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.



Available with M6 fixing screws.



Possibility of Neutral version or with Mottura brand on the cover.



All the versions feature two steel balls to protect the fixing screws.

TEST REPORT

All Defenders® have been tested in compliance with the UNI EN 1906 standard and passed the required tests.

**Attestato di Prova
Test Certificate**

Attestato N.
Certificate No. **REP-MNL-000472**

ORGANISMO DI CERTIFICAZIONE / CERTIFICATION BODY

ICIM S.p.A.
Piazza Don Enrico Mapelli, 75 - 20099 Sesto San Giovanni (MI) - IT

DATI FABBRICANTE/COMITENTE / MANUFACTURER/CUSTOMER DETAILS

MOTTURA SERRATURE DI SICUREZZA
Strada Antica di Francia, 34 - 10057 Sant'Ambrogio di Torino (TO) - IT

UNITÀ OPERATIVA / OPERATIVES UNIT

Strada Antica di Francia, 34 - 10057 Sant'Ambrogio di Torino (TO) - IT

DATI PRODOTTO / PRODUCT DETAILS

TPOLOGIA
TYPE **Protezione DEFENDER**

DENAZIONE/DESCRIZIONE
DENOMINATION **DF03xxxxxx, DF05xxxxxx, DF07xxxxxx, DF08xxxxxx, DF11xxxxxx, DF30xxxxxx, DF50xxxxxx**

Caratteristiche: vedi Allegato / Characteristics: see Annex

DOCUMENTO DI RIFERIMENTO / STANDARD

EN 1906:2012 § Annex A

RAPPORTO DI PROVA / TEST REPORT

REP-MNL-000471

EVENTUALI ESTENSIONI / EXTENSIONS

Questo attestato è valido esclusivamente per il prodotto sopra indicato. Eventuali varianti da approvare devono essere approvate da ICIM S.p.A.
This certificate is valid only for the product above specified. Any technical change must be approved by ICIM S.p.A.

Il presente Attestato è da ritenere valido con un accompagnamento del relativo Allegato / This Certificate is valid only with the relative Annex

ICIM S.p.A.

EMMISSIONE
ISSUE
30/11/2018

ICIM S.p.A. - Piazza Don Enrico Mapelli, 75 - 20099 Sesto San Giovanni (MI)

**Attestato di Prova
Test Certificate**

Allegato AL / ANNEX TO

Certificato N.
Certificate N. **REP-MNL-000472**

SERIE SERIES	DEFENDER	
MODELLI MODELS	DF03xxxxxx, DF05xxxxxx, DF07xxxxxx, DF08xxxxxx, DF11xxxxxx, DF30xxxxxx, DF50xxxxxx	
CLASSIFICAZIONE CLASSIFICATION	Annex A - EN 1906	Grado 4 Grade 4
LOTTO DI PRODUZIONE BATCH	110218	

ICIM S.p.A.

EMMISSIONE
ISSUE
30/11/2018

ICIM S.p.A. - Piazza Don Enrico Mapelli, 75 - 20099 Sesto San Giovanni (MI)

SISTEMI DI PROTEZIONE DEFENDER®

Test report numero: **12071003SG**

Data e luogo di emissione: **10/07/2012 Sesto San Giovanni (MI) - Italy**

Commissa: **AW**

Azienda: **MOTTURA SERRATURE DI SICUREZZA S.p.A.**

Data del test: **10/07/2012**

Oggetto: **prove su sistemi di protezione DEFENDER® per serrature con cilindro europeo**

Luogo di esecuzione: **MOTTURA SERRATURE DI SICUREZZA S.p.A.
Strada Antica di Francia, 34
10057 Sant'Ambrogio (TO)**

Identificazione del campione: **DEFENDER® serie TOP SYSTEM**

Index
1.0 Riferimenti Normativi
2.0 Strumenti di misura
3.0 Descrizione del prodotto
4.0 Classificazione
5.0 Test
6.0 Valutazioni finali

ICIM S.p.A. è un'azienda
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Product Area Inspector
Stefano Gargano

ICIM S.p.A.
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Ing. Massimiliano Florio

CE ACCREDITED

ISO 9001:2015

ISO 14001:2015

ISO 45001:2018

ISO 19011:2018

ISO 28000:2017

ISO 27001:2017

ISO 27002:2017

ISO 27005:2018

ISO 27017:2015

ISO 27018:2017

ISO 27032:2019

ISO 27033:2019

ISO 27034:2019

ISO 27035:2019

ISO 27036:2019

ISO 27037:2019

ISO 27038:2019

ISO 27039:2019

ISO 27040:2019

ISO 27041:2019

ISO 27042:2019

ISO 27043:2019

ISO 27044:2019

ISO 27045:2019

ISO 27046:2019

ISO 27047:2019

ISO 27048:2019

ISO 27049:2019

ISO 27050:2019

ISO 27051:2019

ISO 27052:2019

ISO 27053:2019

ISO 27054:2019

ISO 27055:2019

ISO 27056:2019

ISO 27057:2019

ISO 27058:2019

ISO 27059:2019

ISO 27060:2019

ISO 27061:2019

ISO 27062:2019

ISO 27063:2019

ISO 27064:2019

ISO 27065:2019

ISO 27066:2019

ISO 27067:2019

ISO 27068:2019

ISO 27069:2019

ISO 27070:2019

ISO 27071:2019

ISO 27072:2019

ISO 27073:2019

ISO 27074:2019

ISO 27075:2019

ISO 27076:2019

ISO 27077:2019

ISO 27078:2019

ISO 27079:2019

ISO 27080:2019

ISO 27081:2019

ISO 27082:2019

ISO 27083:2019

ISO 27084:2019

ISO 27085:2019

ISO 27086:2019

ISO 27087:2019

ISO 27088:2019

ISO 27089:2019

ISO 27090:2019

ISO 27091:2019

ISO 27092:2019

ISO 27093:2019

ISO 27094:2019

ISO 27095:2019

ISO 27096:2019

ISO 27097:2019

ISO 27098:2019

ISO 27099:2019

ISO 27100:2019

ISO 27101:2019

ISO 27102:2019

ISO 27103:2019

ISO 27104:2019

ISO 27105:2019

ISO 27106:2019

ISO 27107:2019

ISO 27108:2019

ISO 27109:2019

ISO 27110:2019

ISO 27111:2019

ISO 27112:2019

ISO 27113:2019

ISO 27114:2019

ISO 27115:2019

ISO 27116:2019

ISO 27117:2019

ISO 27118:2019

ISO 27119:2019

ISO 27120:2019

ISO 27121:2019

ISO 27122:2019

ISO 27123:2019

ISO 27124:2019

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ISO 27126:2019

ISO 27127:2019

ISO 27128:2019

ISO 27129:2019

ISO 27130:2019

ISO 27131:2019

ISO 27132:2019

ISO 27133:2019

ISO 27134:2019

ISO 27135:2019

ISO 27136:2019

ISO 27137:2019

ISO 27138:2019

ISO 27139:2019

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ISO 27141:2019

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ISO 27144:2019

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ISO 27146:2019

ISO 27147:2019

ISO 27148:2019

ISO 27149:2019

ISO 27150:2019

ISO 27151:2019

ISO 27152:2019

ISO 27153:2019

ISO 27154:2019

ISO 27155:2019

ISO 27156:2019

ISO 27157:2019

ISO 27158:2019

ISO 27159:2019

ISO 27160:2019

ISO 27161:2019

ISO 27162:2019

ISO 27163:2019

ISO 27164:2019

ISO 27165:2019

ISO 27166:2019

ISO 27167:2019

ISO 27168:2019

ISO 27169:2019

ISO 27170:2019

ISO 27171:2019

ISO 27172:2019

ISO 27173:2019

ISO 27174:2019

ISO 27175:2019

ISO 27176:2019

ISO 27177:2019

ISO 27178:2019

ISO 27179:2019

ISO 27180:2019

ISO 27181:2019

ISO 27182:2019

ISO 27183:2019

ISO 27184:2019

ISO 27185:2019

ISO 27186:2019

ISO 27187:2019

ISO 27188:2019

ISO 27189:2019

ISO 27190:2019

ISO 27191:2019

ISO 27192:2019

ISO 27193:2019

ISO 27194:2019

ISO 27195:2019

ISO 27196:2019

ISO 27197:2019

ISO 27198:2019

ISO 27199:2019

ISO 27200:2019

ISO 27201:2019

ISO 27202:2019

ISO 27203:2019

ISO 27204:2019

ISO 27205:2019

ISO 27206:2019

ISO 27207:2019

ISO 27208:2019

ISO 27209:2019

ISO 27210:2019

ISO 27211:2019

ISO 27212:2019

ISO 27213:2019

ISO 27214:2019

ISO 27215:2019

ISO 27216:2019

ISO 27217:2019

ISO 27218:2019

ISO 27219:2019

ISO 27220:2019

ISO 27221:2019

ISO 27222:2019

ISO 27223:2019

ISO 27224:2019

ISO 27225:2019

ISO 27226:2019

ISO 27227:2019

ISO 27228:2019

ISO 27229:2019

ISO 27230:2019

ISO 27231:2019

ISO 27232:2019

ISO 27233:2019

ISO 27234:2019

ISO 27235:2019

ISO 27236:2019

ISO 27237:2019

ISO 27238:2019

ISO 27239:2019

ISO 27240:2019

ISO 27241:2019

ISO 27242:2019

ISO 27243:2019

ISO 27244:2019

ISO 27245:2019

ISO 27246:2019

ISO 27247:2019

ISO 27248:2019

ISO 27249:2019

ISO 27250:2019

ISO 27251:2019

ISO 27252:2019

ISO 27253:2019

ISO 27254:2019

ISO 27255:2019

ISO 27256:2019

ISO 27257:2019

ISO 27258:2019

ISO 27259:2019

ISO 27260:2019

ISO 27261:2019

ISO 27262:2019

ISO 27263:2019

ISO 27264:2019

ISO 27265:2019

ISO 27266:2019

ISO 27267:2019

ISO 27268:2019

ISO 27269:2019

ISO 27270:2019

ISO 27271:2019

ISO 27272:2019

ISO 27273:2019

ISO 27274:2019

ISO 27275:2019

ISO 27276:2019

ISO 27277:2019

ISO 27278:2019

ISO 27279:2019

ISO 27280:2019

ISO 27281:2019

ISO 27282:2019

ISO 27283:2019

ISO 27284:2019

ISO 27285:2019

ISO 27286:2019

ISO 27287:2019

ISO 27288:2019

ISO 27289:2019

ISO 27290:2019

ISO 27291:2019

ISO 27292:2019

ISO 27293:2019

ISO 27294:2019

ISO 27295:2019

ISO 27296:2019

ISO 27297:2019

ISO 27298:2019

ISO 27299:2019

ISO 27300:2019

ISO 27301:2019

ISO 27302:2019

ISO 27303:2019

ISO 27304:2019

ISO 27305:2019

ISO 27306:2019

ISO 27307:2019

ISO 27308:2019

ISO 27309:2019

ISO 27310:2019

ISO 27311:2019

ISO 27312:2019

ISO 27313:2019

ISO 27314:2019

ISO 27315:2019

ISO 27316:2019

ISO 27317:2019

ISO 27318:2019

ISO 27319:2019

ISO 27320:2019

ISO 27321:2019

ISO 27322:2019

ISO 27323:2019

ISO 27324:2019

ISO 27325:2019

ISO 27326:2019

ISO 27327:2019

ISO 27328:2019

ISO 27329:2019

ISO 27330:2019

ISO 27331:2019

ISO 27332:2019

ISO 27333:2019

ISO 27334:2019

ISO 27335:2019

ISO 27336:2019

ISO 27337:2019

ISO 27338:2019

ISO 27339:2019

ISO 27340:2019

ISO 27341:2019

ISO 27342:2019

ISO 27343:2019

ISO 27344:2019

ISO 27345:2019

ISO 27346:2019

ISO 27347:2019

ISO 27348:2019

ISO 27349:2019

ISO 27350:2019

ISO 27351:2019

ISO 27352:2019

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ISO 27354:2019

ISO 27355:2019

ISO 27356:2019

ISO 27357:2019

ISO 27358:2019

ISO 27359:2019

ISO 27360:2019

ISO 27361:2019

ISO 27362:2019

ISO 27363:2019

ISO 27364:2019

ISO 27365:2019

ISO 27366:2019

ISO 27367:2019

ISO 27368:2019

ISO 27369:2019

ISO 27370:2019

ISO 27371:2019

ISO 27372:2019

ISO 27373:2019

ISO 27374:2019

ISO 27375:2019

ISO 27376:2019

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ISO 27379:2019

ISO 27380:2019

ISO 27381:2019

ISO 27382:2019

ISO 27383:2019

ISO 27384:2019

ISO 27385:2019

ISO 27386:2019

ISO 27387:2019

ISO 27388:2019

ISO 27389:2019

ISO 27390:2019

ISO 27391:2019

ISO 27392:2019

ISO 27393:2019

ISO 27394:2019

ISO 27395:2019

ISO 27396:2019

ISO 27397:2019

ISO 27398:2019

ISO 27399:2019

ISO 27400:2019

ISO 27401:2019

ISO 27402:2019

ISO 27403:2019

ISO 27404:2019

ISO 27405:2019

ISO 27406:2019

ISO 27407:2019

ISO 27408:2019

ISO 27409:2019

ISO 27410:2019

ISO 27411:2019

ISO 27412:2019

ISO 27413:2019

ISO 27414:2019

ISO 27415:2019

ISO 27416:2019

ISO 27417:2019

ISO 27418:2019

ISO 27419:2019

ISO 27420:2019

ISO 27421:2019

ISO 27422:2019

ISO 27423:2019

ISO 27424:2019

ISO 27425:2019

ISO 27426:2019

ISO 27427:2019

ISO 27428:2019

ISO 27429:2019

ISO 27430:2019

ISO 27431:2019

ISO 27432:2019

ISO 27433:2019

ISO 27434:2019

ISO 27435:2019

ISO 27436:2019

ISO 27437:2019

ISO 27438:2019

ISO 27439:2019

ISO 27440:2019

ISO 27441:2019

ISO 27442:2019

ISO 27443:2019

ISO 27444:2019

ISO 27445:2019

ISO 27446:2019

ISO 27447:2019

ISO 27448:2019

ISO 27449:2019

ISO 27450:2019

ISO 27451:2019

ISO 27452:2019

ISO 27453:2019

ISO 27454:2019

ISO 27455:2019

ISO 27456:2019

ISO 27457:2019

ISO 27458:2019

ISO 27459:2019

ISO 27460:2019

ISO 27461:2019

ISO 27462:2019

ISO 27463:2019

ISO 27464:2019

ISO 27465:2019

ISO 27466:2019

ISO 27467:2019

ISO 27468:2019

ISO 27469:2019

ISO 27470:2019

ISO 27471:2019

ISO 27472:2019

ISO 27473:2019

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ISO 27478:2019

ISO 27479:2019

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ISO 27492:2019

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ISO 27496:2019

ISO 27497:2019

ISO 27498:2019

ISO 27499:2019

ISO 27500:2019

ISO 27501:2019

ISO 27502:2019

ISO 27503:2019

ISO 27504:2019

ISO 27505:2019

ISO 27506:2019

ISO 27507:2019

ISO 27508:2019

ISO 27509:2019

ISO 27510:2019

ISO 27511:2019

ISO 27512:2019

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ISO 27514:2019

ISO 27515:2019

ISO 27516:2019

ISO 27517:2019

ISO 27518:2019

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ISO 27590:2019

ISO 27591:2019

ISO 27592:2019

ISO 27593:2019

ISO 27594:2019

ISO 27595:2019

ISO 27596:2019

ISO 27597:2019

ISO 27598:2019

ISO 27599:2019

ISO 27600:2019

ISO 27601:2019

ISO 27602:2019

ISO 27603:2019

ISO 27604:2019

ISO 27605:2019

3DKey® - Defender®

This is the Defender® created exclusively for 3DKey® locks.



95.447..

The Defender® protector was created exclusively for 3DKey® locks.

This protector meets the Mottura standard with steel Defender® diameter 50 mm with aluminium/brass cover that allows 7 different finishes for the best possible combination with existing handles and knobs.

The special keyway for special 3DKeys® allows the use of keys with a minimum stem length of 30 mm.

Available with M5 fixing screws - centre distance 15 mm.

M4x20 spacer fixing screws included.

FINISH



OT
Brass



CR
Chrome Plated



PV
PVD gold



CS
Satin chrome



AA
Anodised silver



B
Anodised bronze



N
Black

94.925..



Finish

Brass

Black

Chrome plates

Satin chrome

Anodised silver

Anodised bronze

PVD gold

Defender® Ø 50 reinforcement for 3DKey® locks.
Thickness 25 mm.
Complete with 2 M4x20 screws fixing spacer.



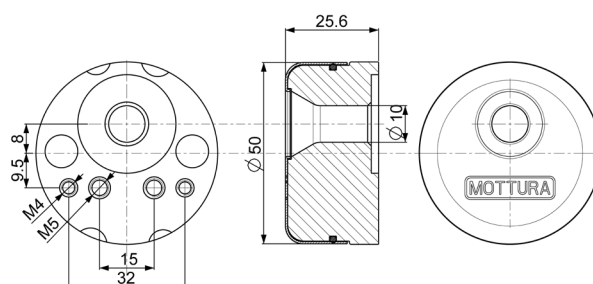
94.1121



Finish

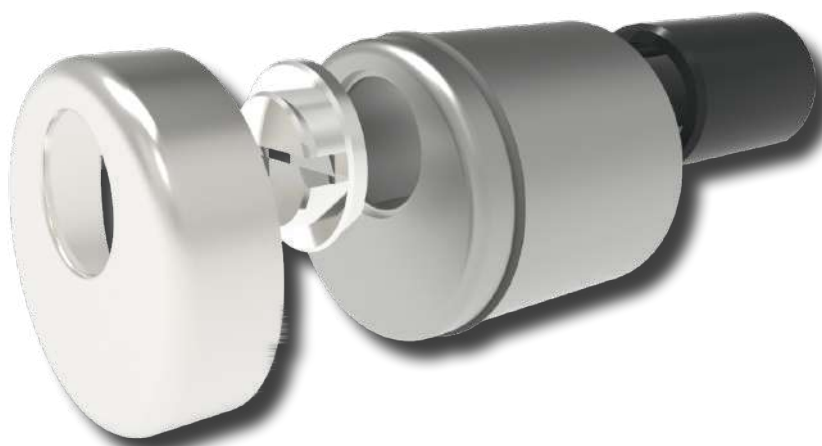
Zinc-plated

Spacer thickness 2.5 mm
for Defender® 94.924 diam. 50 mm
Pack of 25 pieces



SERIE 32 - Defender®

This is the exclusive Defender® for vertical locks Mottura Series 32. Reduced diameter of 42 mm. Single version with thickness 40 mm



The Defender® protector created for the Series 32 (vertical locks) includes a steel Defender® with a reduced diameter of 42 mm and a cover with 2 different finishes.

A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.

Available with M4 fixing screws - centre distance 25 mm.

M4 x 20 screws included.

FINISH



PV
PVD gold



CS
Satin chrome

SPECIFICATIONS



A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.



Available with M4 fixing screws

94.11818..

Finish

Satin chrome

PVD gold

Reinforcement Defender® Ø 42 for 32.590/690
Height 40 mm.
Chrome washer with backset slot 3.5 or 5 mm
(specify in order).

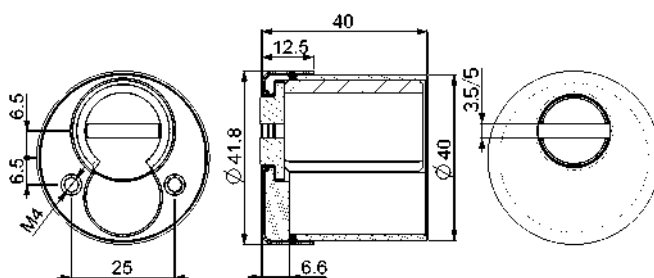


94.11200

Finish

Zinc-plated

Spacer thickness mm. 2.5
for Defender® Ø 42 mm - art. 94.11818
holes centre distance mm 25
Package of 25



SERIE 32, 37, 47 - Defender®

This is the ideal Defender® for locks for sliding and swing doors and windows.



The Defender® protector to be used on Series 32, 37, 47 locks.

It works with two types of Defender®, one in Zamak and one in (HRC 53) high resistance steel. A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm. Available with M6 fixing screws.



ZAMAK - 94.920



STEEL - 94.922

SPECIFICATIONS

	A rotating chromed washer protects the keyway with a slot available in two sizes, 3.5 or 5 mm.		
	Available with M6 fixing screws		All the versions feature two steel balls to protect the fixing screws

<div>94.920</div>	
<div>Finish</div>	
<div>Black</div>	
<div>Zamak reinforcement Defender® mm 32 x 75 x 18.5 for series 32-37-47 backset protection: 6 mm Backset slot of 3.5 or 5 mm (specify in order)</div>	

<div>94.922</div>	
<div>Finish</div>	
<div>Black</div>	
<div>Steel reinforcement Defender® mm 32 x 75 x 18.5 for series 32-37-47 backset protection: 6 mm Backset slot of 3.5 or 5 mm (specify in order)</div>	

<div>94.921</div>	
<div>Finish</div>	
<div>Black</div>	
<div>Zamak reinforcement Defender® mm 32 x 75 x 18.5 for art. 47.902 backset protection: 6 mm Backset slot of 3.5 or 5 mm (specify in order)</div>	

<div>94.11101..</div>			
<div>Codice</div>	<div>Finish</div>	<div>Th. [mm]</div>	
<div>94.11101</div>	<div>Black</div>	<div>2,5</div>	
<div>94.11101/1</div>	<div>Black</div>	<div>1</div>	
<div>Spacer for Defender® 94.920 Package of 25</div>			

94.KIT902/1	
Finish	
Black	
Half cylinder protection kit, specific for locks art. 47.902 comprising: <ul style="list-style-type: none"> • N.1 Defender® art. 94.921 • N.1 Defender® mount art. 99.260 	

94.1122	
Finish	
Black	
Spacer thickness mm 4 - Defender® DF03 - DF07 Dimensions: 90x72 mm Package of 10	

94.KIT902/2	
Finish	
Black	
Protection kit for tubulars 30x40 with double cylinder, specific for locks art. 47.902, comprising: <ul style="list-style-type: none"> • N.1 Defender® art. 94.920 • N.1 Defender® mount art. 99.263 • N.1 internal escutcheon art 95.421 • N.1 pair of wrench-resistant screws art. 99.261 	

94.601..	
Defender® internal fixing rose for cylinder with knob Length 25/31/38/41 mm (specify in the order) Match escutcheon art. 95.403 Package of 10	

94.KIT902/3	
Finish	
Black	
Protection kit for tubulars 40x40 with double cylinder, specific for locks art. 47.902, comprising: <ul style="list-style-type: none"> • N.1 Defender® art. 94.920 • N.1 Defender® mount art. 99.263/40 • N.1 internal escutcheon art 95.421 • N.1 pair of wrench-resistant screws art. 99.261/40 	

94.602..	
Defender® internal fixing rose for double cylinder Length 25/31/38/41 mm (specify in the order) Match escutcheon art. 95.404 Package of 10	

94.11108	
Finish	
Zinc-plated	
Spacer thickness mm 2.5 - for M6/M8 for Defender® Ø 50 holes centre distance mm 38 Package of 25	

94.603	
Finish	
Zinc-plated	
Defender® internal fixing rose for cylinder with knob - thickness 4 mm. N.B. fitting on cylinders with inside length that does not exceed the door edge. Match escutcheon art. 95.403 Package of 10	

94.11108/1	
Finish	
Zinc-plated	
Spacer thickness mm 1 - for M6/M8 for Defender® Ø 50 holes centre distance mm 38 Package of 25	

94.612	
Finish	
Zinc-plated	
Defender® internal fixing rose for double cylinder - thickness 4 mm. Match escutcheon art. 95.404 Package of 10	

94.1116	
Finish	
Black	
Spacer thickness mm 4 - Defender® DF05. Dimensions: 90x65 mm Package of 10	

94.613	
Finish	
Zincato	
Internal fixing plate center distance 26 mm Dim. 56x35x4 mm Package of 10	

99.066D/S	
Finish	
Zinc-plated	
Plate (holes Ø6) + cylinder fastening screw for cylinder locks with Mottura fitting fixing. The item is supplied left or right-hand (specify in the order) - Package of 10	

99.066D/SM8	
Finish	
Zinc-plated	
Plate (holes Ø 8) + cylinder fastening screw for cylinder locks with Mottura fitting fixing. The item is supplied left or right-hand (specify in the order) Package of 10	

99.067D/SM8	
Finish	
Zinc-plated	
Plate (holes Ø 8) + cylinder fastening screw for cylinder locks thickness 25 mm with Mottura fitting fixing. The item is supplied left or right-hand (specify in the order) - Package of 10	

99.070N	
Finish	
Zinc-plated	
Cylinder fastening screws for locks with "special" Mottura fitting fixing Package of 10	

99.256	
Finish	
Zinc-plated	
Spacer thickness 2.5 mm for Top System Ø 60 Defender®. Package of 25	

99.293/L	
Lenght [mm]	
40	
50	
60	
70	
80	
90	
100	
M6 screws for cylinder Package of 50	

99.313/L	
Lenght [mm]	
45	
50	
60	
70	
80	
90	
100	
M8 screws for cylinder Package of 50	

99.314	
Finish	
Zinc-plated	
Cylinder external fixing plate Diameter Ø 50 - thickness 2.5 mm. Specific for locks art. 85555. Package of 25	

95.448..	
Finish	
PVD gold	
Satin chrome	
Under-defender escutcheon with Ø 55.5 hole Dim. 140x70x1.5 mm Package of 10	

95.449..	
Finish	
PVD gold	
Satin chrome	
Under-defender escutcheon with Ø 55.5 hole off-center Dim. 180x70x1.5 mm Package of 10	

95.450..	
Finish	
PVD gold	
Satin chrome	
Under-defender escutcheon with central hole Ø 55.5 Dim. 180x70x1.5 mm Package of 10	

95.447..	
Finish	
Anodized silver	
Anodized bronze	
Brass	
Chrome plates	
Satin chrome	
Anodized black	
PVD gold	
External escutcheon 65 x 90 mm with plastic support with hole for Defender® Ø 50 mm. Package of 10	

95.500..	
Finish	
Anodized silver	
Anodized bronze	
Brass	
Chrome plates	
Satin chrome	
Anodized black	
PVD gold	
Defender® Cover for Top System - Basic - T.Zeta - B.Zeta - DF Package of 10	

95.514..	
Finish	
Anodized silver	
Anodized bronze	
Brass	
Chrome plates	
Satin chrome	
Anodized black	
PVD gold	
Defender® DF07/08/37/38 escutcheon	

95.515..	
Finish	
Anodized silver	
Anodized bronze	
Brass	
Chrome plates	
Satin chrome	
Anodized black	
PVD gold	
Defender® DF17/18/47/48 escutcheon	

95.517..	
Finish	
Anodized silver	
Anodized bronze	
Brass	
Chrome plates	
Satin chrome	
Anodized black	
PVD gold	
Defender® DF cover	

DEFENDER® FIXING TOOLS



98AC10

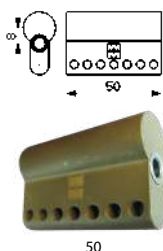
Drilling kit including:

- 1 hole saw Ø 54 with quick coupling
- 3 blades for drilling plastic or wood
- 1 high resistance Ø 54 hole saw with quick coupling multiple
- blade for drilling steel
- 1 hexagonal shank with cylindrical shaft diameter 5 mm
- 1 "template" cylinder with guide hole diameter 5.1 mm



98AC09_5/6

Special brass cylinder to be used as drilling template
Length 50 mm
Guide hole diameter 5.1 or 6.1
Specify when ordering.



98AC11

1 hexagonal shank with cylindrical shaft diameter 5 mm.



98AC26_5/6

Special brass cylinder
to be used as drilling template magnetic Defender®
Length 50 mm
Guide hole diameter 5.1 or 6.1
Specify when ordering

