

Fire doors hardware

TESA

ASSA ABLOY



Safety and security, our main goals.



One thing is worse than being in an emergency situation: to be unprepared to face it. TESA's fire doors locks have been manufactured for maximum resistance in case of arson, and they are an efficient protection against fire: they can be installed in RF doors that prevent the transmission of smoke and gas, prevent the flames and heat from entering, avoid inflammation on the side of the door that hasn't been exposed to fire... As you see, TESA cares about your safety even in the worst situations.

Safety and security, our main goals.

One thing is worse than being in an emergency situation: to be unprepared to face it. TESA's firebreak locks have been manufactured for maximum resistance in case of arson, and they are an efficient protection against fire: they can be installed in RF doors that prevent the transmission of smoke and gas, prevent the flames and heat from entering, avoid inflammation on the side of the door that hasn't been exposed to fire... As you see, TESA cares about your safety even in the worst situations.



In case of fire, nothing must fail

By firebreak fittings we mean all the elements that take place in tests of resistance against fire in doors, such as locks, hinges, door closers, handles, panic bars, etc.

The purpose of these fittings is to keep the door closed in order to avoid transmission of smoke and gas and prevent the flames and heat from entering, therefore avoiding inflammation on the side of the door that hasn't been exposed to fire.

A wide range

A good reason to choose TESA. From cost-competitive technical products to electromechanical solutions, all in keeping with the latest design trends.



Total integration

TESA has decided to reinforce the reliability of its products, and to this effect many of them have been EC certified. This guarantees the highest performance and features in TESA's products. The UNE-EN 12209 standard, updated in 2004, which refers to "Fittings for Buildings – Locks and Bolts", must be complied with when it comes to mechanical locks with strikes that have been installed on doors, windows and entrance doors.

These standards establish a series of tests and requisites for:

- Durability
- Resistance
- Security

Guaranteed by TESA

Since the company was born in 1941, our whole range has always guaranteed a total commitment to integral quality. Proof of this commitment is the ISO 9001 quality certification (received in 1994) and the ISO 14001 environmental management certification (in 1999), which makes TESA a pioneering company in the industry.



Fire doors hardware



Wooden doors							Metallic doors	
Panic function			No panic function				Panic function	No panic function
	High security	Entrance	Passage	High security	Entrance	Passage		
2030A		*						
2030E					*			
2039F					*			
2035F						*		
TLPN				*				
TLBA	*							
CF50								*
CF60							*	
CF solenoide							*	*

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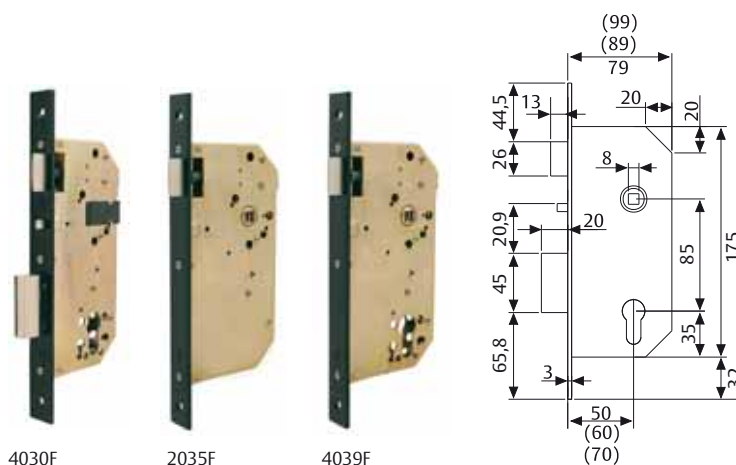
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Fire doors hardware

2030 series

- » Sintered steel latch: endures temperatures over 900° C.
- » 8x8 mm follower rod.
- » Distance between each axis: 85 mm.
- » With panic function (always free passage from the inside), except in the 4030E model). In case of simple follower, a protective device for the follower is installed inside to prevent the handle from being activated. In case of double follower rod, the external side has no panic function (the lock will switch to lever hand position in this case).



Model	Follower rod	Backset	Security Device	Finish	External operation	Internal operation	Application
2030F60	Simple	50 / 60 / 70	Yes	NE / AI / HL	Pull handle + key	Handle	Entrance doors
2030F6(D-I)	Double	50 / 60 / 70	No	NE / AI / HL	Handle/pull handle + key	Handle + key	Entrance doors
2035F60	Simple	50 / 60	No	NE / AI	Handle	Handle	Passage doors
4039F60	Simple	50 / 60	No	NE / AI	Key	Handle	Entrance hall, garage
4030T6(D-I)	Double	60	No	NE / AI / HL	Handle/pull handle + key	Panic bar	Emergency exit
2035TR6(D-I)*	Double	60	No	NE / AI	Handle + key	Panic bar	Emergency exit
4039TR6(D-I)*	Double	60	No	NE / AI	Handle/pull handle + key	Panic bar	Entrance hall, garage
4030S6(D-I)	Double	50 / 60 / 70	No	NE / AI	Handle/pull handle + key	Handle + key	Entrance doors
4030E6S	Simple		Yes	NE / AI	Handle/pull handle + key	Handle + key	Entrance doors

2030F: panic lock with anti-thrust device 2030E: not panic with anti-thrust device

Follower rod	Model	Entrance	Hand	Finish
Standard	2035F	50 / 5R	-	NE
	2035F	50 / 5R	-	AI
	2035F	60 / 6R	-	NE
	2035F	60 / 6R	-	AI
	2035F	60 / 6R	-	HL
Standard	2039F	50	-	NE
	2039F	50	-	AI
	2039F	60	-	AI
Split follower	2030F	50 / 5R	I / D	NE
	2030F	50	I / D	AI
	2030F	50 / 5R	I / D	HL
	2030F	60 / 5R	I / D	NE
	2030F	60 / 5R	I / D	AI
	2030F	60	I / D	HL
Standard	2030F	50 / 5R	-	NE
	2030F	50 / 5R	-	AI
	2030F	5R	-	HL
	2030F	60 / 6R	-	NE
	2030F	60 / 6R	-	AI
	2030F	60	-	HL
	2030F	60	-	HL

Hand: I = Left D = Right

Follower rod	Model	Finish	1/2 rounded forend
Standard	4030E6SNE	Black	-
	4030E6SAI	Stainless steel	-
	4030E6SNR	Black	YES
	4030E6SRI	Stainless steel	YES
	4030E6SHR	Brass plated	YES

2030S: panic without anti - thrust device

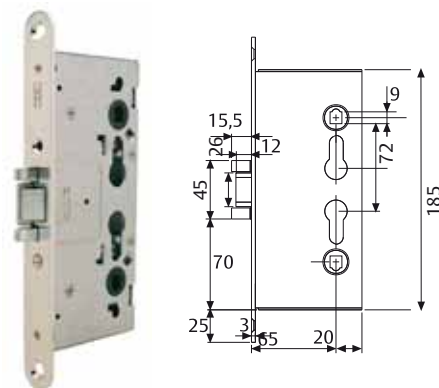
	Model	Hand	Finish
Split follower	4030S6	D / I	AI
	4030S6	D / I	NE
Standard	4030S60	--	RZ Zinc plated

Fire doors hardware

CF-50 series

- » Sintered steel latch: endures temperatures over 900° C.
- » 9x9 mm follower rod.
- » Distance between each axis: 72 mm.
- » 65 mm. Inlet
- » Reversible
- » Front finish in zinc (Z) or stainless (I)

CERTIFIED ACCORDING
**UNE-EN
12209:2004**



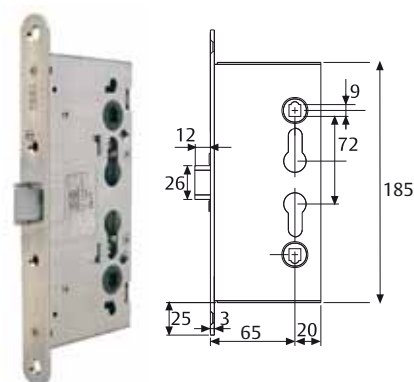
Model	Follower rod	Panic function	External activation	Internal activation	Functioning	Application
CF50ASR9	Double	Yes	Handle/pull handle + key	Handle + key	The key removes the lever and the latch	Passage doors
CF5000R9	Simple	No	Pull handle/handle + key	Handle + key	The key removes the lever and the latch	Passage doors
CF60RSR9 *	Double	Yes	Handle/pull handle + key	Handle + key	The key deadlocks the external handle	Passage doors
CF6TRSR9	Double	Yes	Handle/pull handle + key	Panic bar	The key deadlocks the external handle	Emergency exit
CF6900R9	Simple	Yes	Pull handle/handle + key	Handle	External opening with a key	Entrance hall
CF6500R9Z	Simple	Yes	Handle	Handle	Free passage by both sides	Passage doors

Product code	Function	Packaging
CF5000R9ZCE	No panic	1 / 25
CF5E00R9ZCE	No panic	1 / 1 y 1 / 20
CF50ASR9Z / I	Panic	1 / 25

CF-60 series

- » Certified according UNE-EN 12209: 2004.
- » CF60 lock cylinder not included, panic function for all versions.
- » Backset 65 mm
- » Distance between each axis 72 mm
- » Reversible (non handed)

CERTIFIED ACCORDING
**UNE-EN
12209:2004**

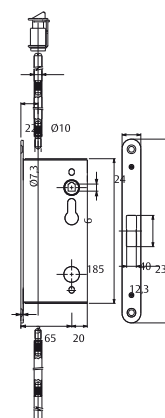


Product code	Function	Packaging
CF60RSR9ZCE / I	Handle + key	1 / 25
CF6ERSR9Z	Handle + key	1 / 1 y 1 / 20
CF6IRSR9Z	Inwards opening	1 / 25
CF6500R9Z	Free passage doors	1 / 25
CF6900R9Z	External opening with a key	1 / 25

Counter lock CF-32

Product code	Function	Packaging
RETACF32	Vertical rod device blocking system	1 / 25
CF320SR9Z / I	Counter lock	1 / 1 y 1 / 20
BARVECF32	Vertical rod device	1 / 25

CERTIFIED ACCORDING
**UNE-EN
12209:2004**



CF with electro switch, for remote opening

CF60 with panic function

Code

» CF6SRSR9ICE

Performance

- » Locking the cylinder, the external follower of the lock gets blocked and the door can not be opened. However, as it is an panic lock, the door can always be open from inside by activating the lever or the panic exit device.
- » With an electric signal, the electro switch clutches the inner mechanism of the lock allowing the door to be opened from outside operating the lever.
- » When the signal disappears, the lock becomes blocked again from outside.

Certification

- » CE mark, according UNE-EN12209 & UNE-EN1125



CERTIFIED ACCORDING
UNE-EN
12209:2004

CERTIFIED ACCORDING
UNE-EN
1125:2009



CF60 without panic function

Code

» CF6NPSRSR9ICE

Performance

- » Locking the cylinder, the lock gets blocked and the door can not be opened, neither from inside nor from outside.
- » With an electric signal, the electro switch clutches the inner mechanism of the lock allowing the door to be opened from inside and outside operating the lever.
- » When the signal disappears, the lock becomes blocked again.

Certification

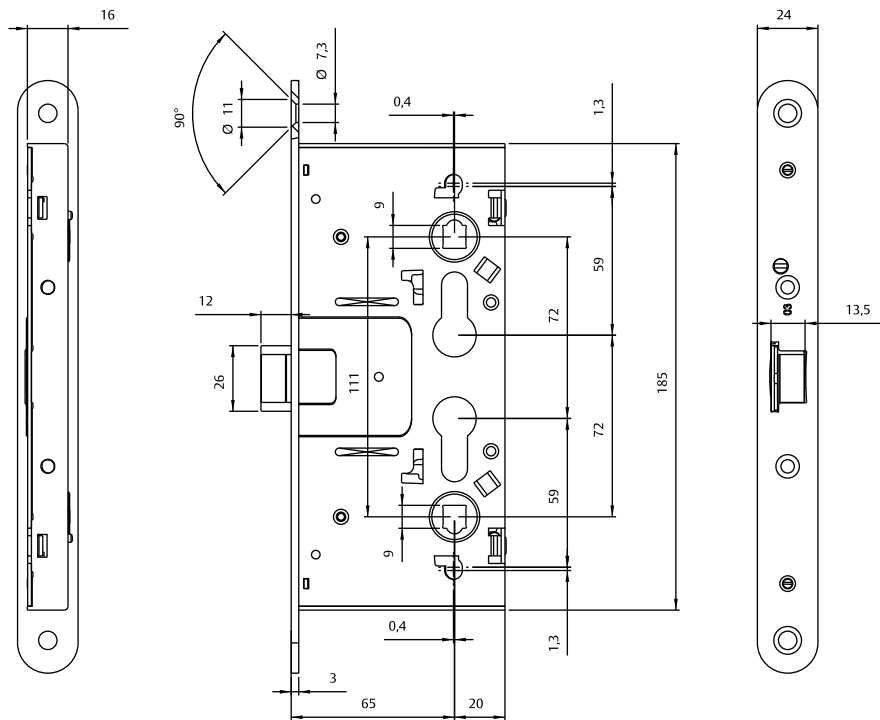
- » CE mark, according UNE-EN12209



CERTIFIED ACCORDING
UNE-EN
12209:2004

CF with electro switch, for remote opening

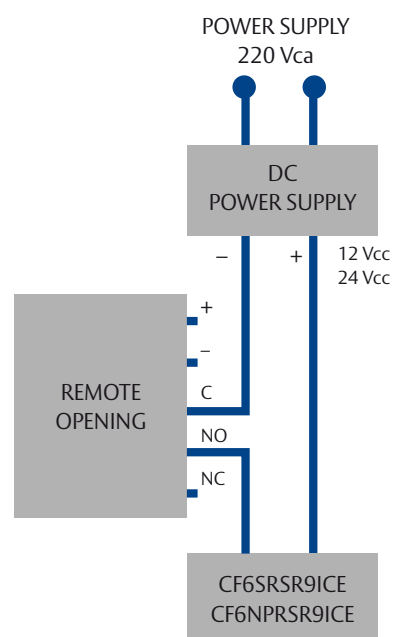
General dimensions



Electrical consumption

Power Supply
12-24 VDC (-10% / +15%)
Consumption
max 550 mA (12 VDC)
stop 240 mA (12 VDC)
max 270 mA (24 VDC)
stop 110 mA (24 VDC)

Installation

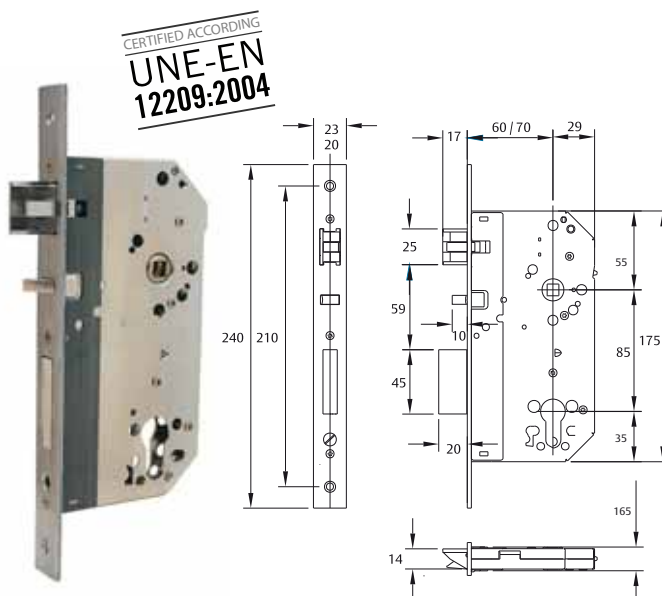


Fire doors hardware

2UB0 series

Features

- » Mortise lock for wooden doors.
- » Conforms to the UNE-EN 12209 standard. EC-certified.
- » Reversible, silent latch in sintered steel. Profile of the latch: 17 mm (extra-security).
- » Distance between shafts: 85 mm.
- » Backsets: 60/70 mm.
- » By default, they include a panic exit function allowing for permanent free passage from the inside. With a double follower rod, an external protection device for the rod is installed in order to prevent the handle from being operated.
- » Steel follower rod: 8mm. Deadbolt follower rod: 6 mm
- » Optional round shape 1/2.
- » Closed body, which prevents shavings from entering at the time of installation.
- » TE-5 Europrofile cylinder with nickel steel keys. LP and HL finishes: cylinder's finish in brass. HN, AI and NE finishes: cylinder's finish in nickel.
- » Packaging in boxes of 1/20 units.

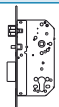
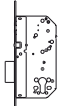
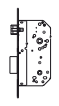
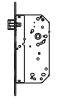


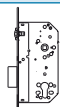
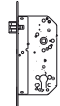
Example antipanic standard follower product code

	2	U	B	0	F	A	6	D	R	I
Fire										
Antipanic										
Backset										
Hand										
1/2 rounded										
Finish										

Example non antipanic standard follower product code

	2	U	B	0	F	E	6	0	R	I
Fire										
Antipanic										
Backset										
Hand										
1/2 rounded										
Finish										

2UB0F	Model	Backset A	Finish	Packaging
	2UB0FA / FE	60 / 70	AI	1 / 20
	2UB0FA / FE	60 / 70	LP	1 / 20
2UB1F	Model	Backset A	Finish	Packaging
	2UB1F	60 / 70	AI	1 / 20
	2UB1F	60 / 70	LP	1 / 20
2UB4F	Model	Backset A	Finish	Packaging
	2UB4FA / FE	60 / 70	AI	1 / 20
	2UB4FA / FE	60 / 70	LP	1 / 20
2UB5F	Model	Backset A	Finish	Packaging
	2UB5F	60 / 70	AI	1 / 20
	2UB5F	60 / 70	LP	1 / 20

2UB6	Model	Backset A	Finish	Packaging
	2UB6	60/70	AI	1 / 20
	2UB6	60/70	LP	1 / 20
	2UB6	60/70	AI	1 / 20
	2UB6	60/70	LP	1 / 20
2UB7F	Model	Backset A	Finish	Packaging
	2UB7F	60/70	AI	1 / 20
	2UB7F	60/70	LP	1 / 20
2UB9F	Model	Backset A	Finish	Packaging
	2UB9F	60/70	AI	1 / 20
	2UB9F	60/70	LP	1 / 20

Fire doors hardware

Handles

Las puertas parallamas y cortafuego mantienen la estanqueidad de la habitación en la que se ha producido un incendio, evitando que las llamas puedan propagarse al resto de las habitaciones del edificio. En esta labor, el herraje (cerradura, manilla, pomo, cierrapuertas, ...) cumple un papel muy importante, asegurando que la puerta se mantenga totalmente cerrada y se evite el paso de calor y gases inflamables.

En este capítulo se incluyen manillas de acero inoxidable y manillas con base acero (blancas BL y negras NE) -Serie SENA- y manillas con alma de acero recubiertas en polipropileno -Serie MONOBLOC-.

												
				CF50/CF60	2030	CF50/CF60	2030	Pomo fijo	Pomo giratorio			
Fixing system		Floating rapierts	Coach screw	Floating rapierts	Fixing rapierts Floating rapierts	Fixing rapierts		Sheet metal screw	Sheet metal screw	Floating rapierts	Floating rapierts	Floating rapierts
	E0010EX	ME5L900	MS5L800	MSCF800	MSMF800			TTL800	TGL800	MS5800 (2030) MS5C8CF (CF50/CF60)	MSTT800	MSTT80V
	E0031EX		MS0L885				MSTF885			MS0C885		
	E0061EX	ME0L972		MSMF872		MSTF872 METF972				MS0C872		

Depending on whether it is an entrance door, a passage door or an emergency exit, and also on the dimensions of the lock (distance between each axis of 85 or 72 mm), we will choose the most suitable model of handle or double handle.

Fire doors hardware

Sena Series

Fire rated and flame-resistant doors preserve the airtightness in a room where a fire has occurred, preventing the flames from spreading to other rooms in the building. The fitting (lock, handle, knob, door closer...) plays an important role here, ensuring the door remains completely closed and no heat or inflammable gases enter the room. This chapter includes stainless steel handles and steel-based handles (white BL and black NE).

The Sena series has been certified by the LGAI and the UNE 23802 standard as a firebreak handle (minimum resistance to fire tests with the corresponding door: 120 minutes).

Firebreak spindles

In galvanized steel, capable of enduring high temperatures.

Steel reduction

Valves in 9 to 8 mm, 8 to 7 mm and 8 to 6 mm for firebreak locks.

Fixing of the handle

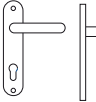
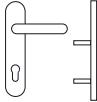
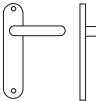
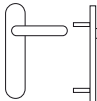
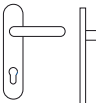
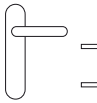
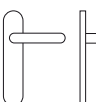
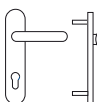
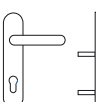
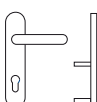
Depending on each model, fixing is carried out with fixed through bolts on the internal plate, or floating through bolts / bolts straight onto the door's leaf.



In this case you can order floating through bolts that will go through the door making the installation more resistant. Fixing screws will be hidden in order to prevent the handles from being stolen in public buildings.

Finishes

- » Stainless steel AISI 316L
- » Black Ral 9005
- » White Ral 9010

Model	Hand	For lock 2030F	For lock CF50-60	Model	Hand	For lock 2030F	For lock CF50-60
	-	MSOF885NE	MSOF872NE		-	MSMF872NE	MSMF872IS16
	-	MS5F800NE	MS5F800NE		-	MSMF800NE	MSMF885IS16
	-	MSOF885IS16	MSOF872IS16		-	MSCF800NE	MSCF800IS16
	-	MS5F800IS16	MS5F800IS16		Handle + pull handle	MSTF885NE	
					Handle + pull handle	MSTF885IS16	
					P. handle + pull handle	MTFEL885IS16*	
					P. handle + pull handle	MTFOL885IS16**	
	-	MSMF885NE			Handle + pull handle		MSTF872NE
		MSMF885IS16					MSTF872IS16

* Privacy with through bolts

** Without through bolts

*** With through bolts

Available for any institutional handle in AISI 316L.

Fire doors hardware

Monobloc Series

The MONOBLOC Series has been certified by the DIN 18273 standard for fire rated and flame-resistant doors.

Handle

Specifically aimed at doors subject to a big strain (hospitals, schools, public buildings).

The internal plate has been fixed to the handle with a black polypropylene coating.

The covers, made of the same material, have been fixed to the internal escutcheon with clips.

Models in which the handle has been attached to the square with a stud bolt (satin black finish) have been certified by the DIN 18273 standard, with a 150 KG. resistance to motion strain and 200,000 actuations.

Specifically designed for locks with DIN sizes (72 mm distance between axis).

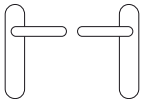
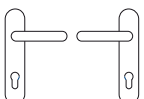
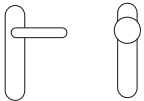
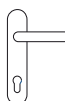
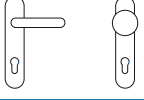
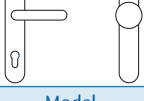
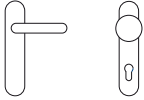
Fixing of the handle

Hidden by knurled floating through bolts that go through the door's leaf from the outside.



MONOBLOC Series Finishes

The steel-web handle has a black polypropylene coating (satin or matt) that gives it rigidity and strength, high resistance to solvents, absence of electrostatic charge and stability against light and temperature variations.

Model	Product code	Model	Product code
	ME5L900 (Set of passage handles)		MPTF900 (Half passage knobset)
Model	Product code	Model	Product code
	ME0L972 BME0L972 (Includes accessories to tighten the axis of the hinge)		MPTF972 (Half knobset with keyhole at 72mm)
Model	Product code	Model	Product code
	METF900 (Half handle and half passage knobset)		MM0L972 (Half handle with keyhole at 72mm)
Model	Product code	Model	Product code
	METF972 (Half handle and half knobset with keyhole at 72 mm)		PCM000 (Half cover and blank escutcheon)
Model	Product code	Model	Product code
	METFM72 (Half handle with keyhole at 72 mm and half passage knobset)		PCM0UA (Half cover and passage escutcheon)
Model	Product code	Model	Product code
	METFP72 (Half passage handle and half knobset with keyhole at 72 mm)		PCM972 (Half cover and escutcheon with keyhole at 72mm)

Fire doors hardware

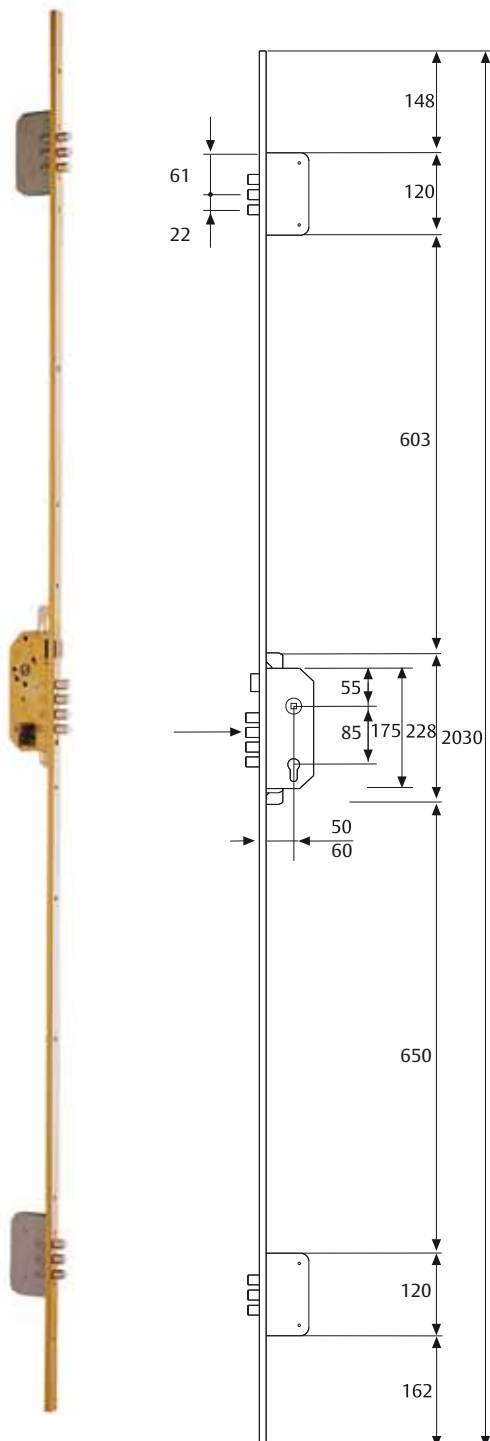
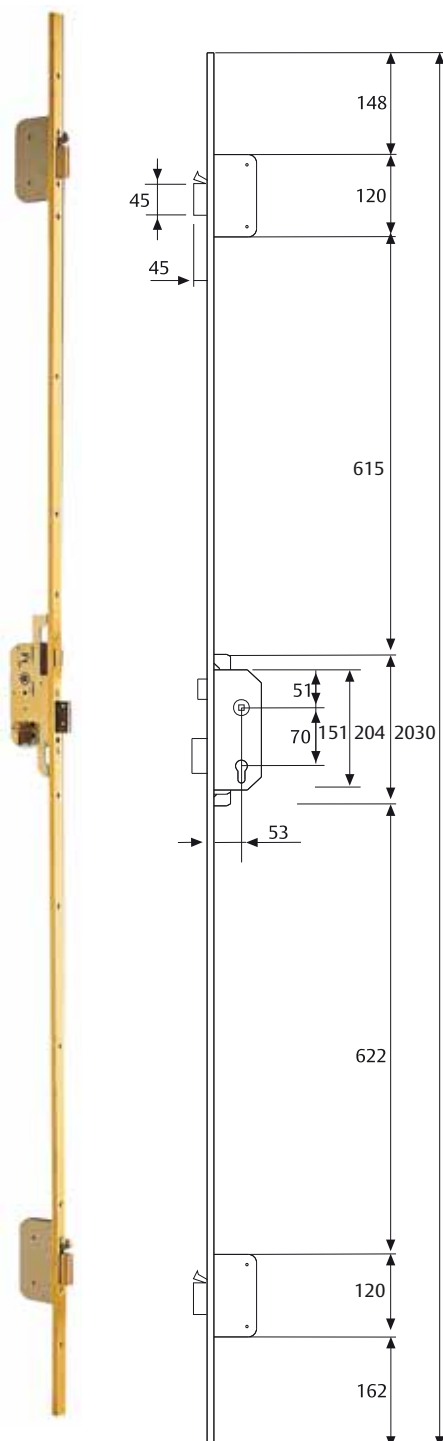
Monobloc Series

Model	Product code	Model	Product code
	PCM0L000 (Half blank cover) _____ _____ _____		ECM0L072 (Half escutcheon only with keyhole at 72 mm in zinc plated steel) _____ _____ _____
Model	Product code	Model	Product code
	PCM5L900 (Half passage cover) _____ _____ _____		ECM5L900 (Half passage escutcheon in zinc plated steel) _____ _____ _____
Model	Product code	Model	Product code
	PCM0L072 (Half cover only keyhole at 72 mm) _____ _____ _____		ACCESCFE (Accessories: spindle, bolts and cases) _____ _____ _____
Model	Product code	Model	Product code
	PCM0L972 (Half cover with keyhole at 72mm) _____ _____ _____		ACESTMONOBM5 (2 through bolts M5 monobloc range) _____ _____ _____
Model	Product code	Model	Product code
	ECM0L000 (Half blank escutcheon in zinc plated steel) _____ _____		ACCTENSOR BISCF (1000 tensors + CF hinges limit spring) _____ _____

Fire doors hardware

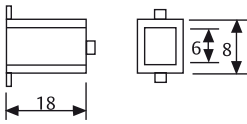
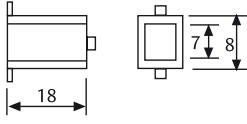
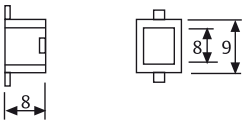
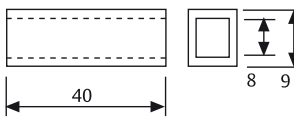
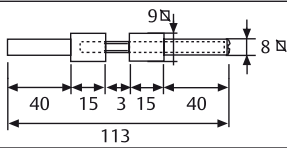
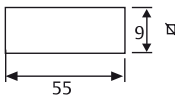
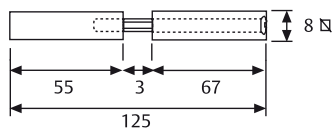
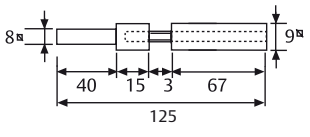
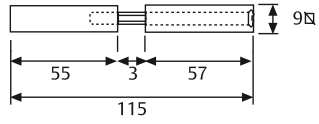
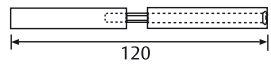
Security multipoint locks TLPN and TLBA

- » Tempered steel levers.
- » Antilever hooks in auxiliary boxes.
- » Devices are protected by locked boxes made of galvanized steel.
- » Highly rigid U-profile steel front. Ideal for RF doors.
- » Security escutcheons E-700L, E300L, E700 and E800.
- » It can incorporate an embellishment for the key-storing escutcheon.
- » PATENTED no-return device for bolts and levers.
- » Long strikes in 40mm standard width with choice options in 35mm and 45mm. Also available in a special height of 2035mm.



Fire doors hardware

Spindles and reducers

Models	Product code	Features	Packaging
	44600HH	From 8 to 6 mm For fire rated locks with single nut	50
	44700HH	From 8 to 7 mm For fire rated locks with single nut	50
	44900HH	From 9 to 8 mm For fire rated locks with double nut	50
	CASQUCF50	From 9 to 8 mm For fire rated locks with single nut	50
	CDCF60MAK	Doble cuadradillo roscado 8/9 + 9/8	
	CDCF60MAL	Cuadrado 9	
	CD2030S8M	Double square spindle 8/8 + 8/8	
	CDCF6089M	Double square spindle 8/9 + 9/9	
	DM9912CUA	Double square spindle 9/9 + 9/9	
	CDFUEGO8M	Fire double nut spindle 8x120	

Fire doors hardware

LITE - QUICK - Universal - TOP series

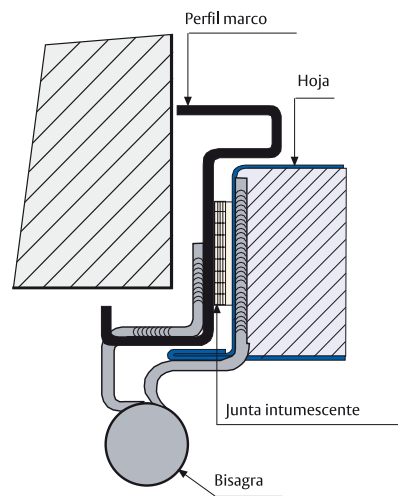
- » CE market panic exit devices according to UNE-EN 1125.
- » Rim and mortice version available.
- » Single and multipoint locking panic exit devices, depending on door configuration and / or customer requirements.
- » Different outside device configuration available: knob, cylinder, handle...
- » Low projection devices maximizing the free passing area.
- » TESA panic exit devices are available in different finishes including stainless steel (AISI 304).
- » TESA panic exit devices can be combine with electromechanic devices for access control.
- » Refer to panic exit devices chapter for further information.



Fire doors hardware

Hinges for firebreak doors

Every Product code includes two DIN-18272 hinges, one of them with a tightening torque spring in order to make the door closing easier (the blocking bolt and the tightening device are included in the bag of accessories that comes with the Monobloc Series firebreak handle).





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ASSA ABLOY is the global leader in door opening solutions,
dedicated to satisfying end-user needs for security, safety and convenience.