PANIC EXIT DEVICES GIESSE
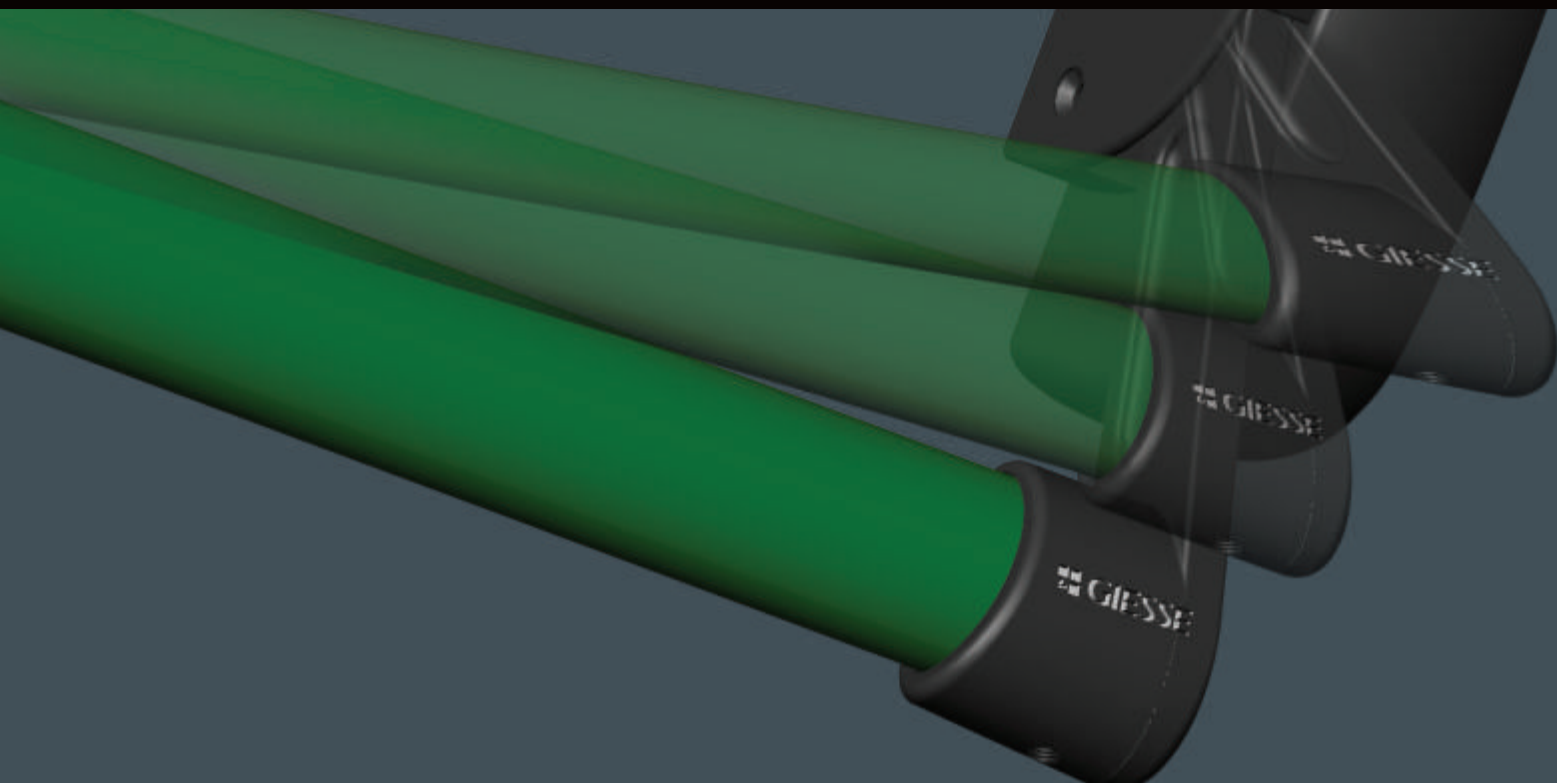
Safety and security from innovation

GS AP PROGRAMME GIESSE
Panic devices for Giesse door manufacturer

The project

A complete and innovative range

Innovative technological solutions and certified performance

GIESSE presents a complete range of panic exit devices for emergency exits, featuring high reliability, and an ergonomic and innovative design, which combines perfectly the requirements of safety and facility of use with good looks.

In all public and most industrial places, the management of panic exits has grown in importance over the last few years, with the aim of increasing the safety of environments attended by people unprepared to deal with emergency situations. Giesse, which for more than 40 years has been in the aluminium door and window business accumulating a wealth of experience, has developed a new generation of panic exit devices which combine innovative technological solutions with an attractive design. The performance is certified according to the highest legal standards.

GS AP001

GS AP100

GS AP002

1

A wide range
Giesse has a wide range of panic bars available in the PUSH BAR and TOUCH BAR application versions, and in the GS AP100 security insert version.

2

CE certified panic exits
The components in the range were designed so as to guarantee easy and safe action of the device in emergency situations. The oval shape of the extruded aluminium bar, was developed to make it easy to grip and operate. The Giesse bars have been certified according to the UNI EN 1125:2008 standard and authorized for use of the CE mark with the highest performance levels.

3

Fire doors
The application models (PUSH BAR AP001 and TOUCH BAR AP002) also come in versions suitable for application on fire doors.

4

Security
The insert version, GS AP100, is fitted with a lock with one or three locking points (multipoint) to ensure greater security against intruders.

5

Reliable
The careful design, the adoption of highly resistant materials, the efficiency of the mechanisms and the perfect assembly of the components all guarantee that the bars will have a long operational life.
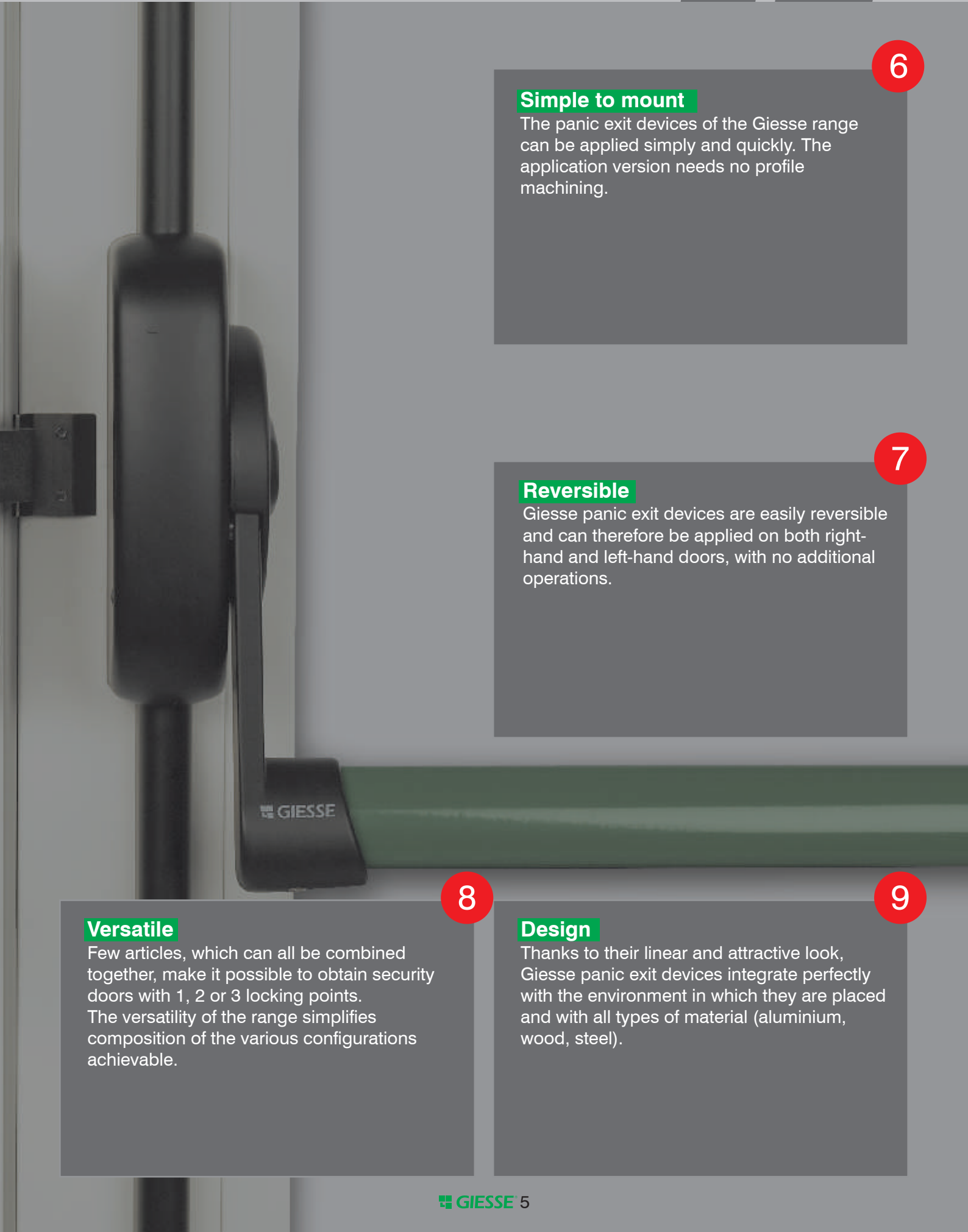
6

Simple to mount
The panic exit devices of the Giesse range can be applied simply and quickly. The application version needs no profile machining.

7

Reversible
Giesse panic exit devices are easily reversible and can therefore be applied on both right-hand and left-hand doors, with no additional operations.

8

Versatile
Few articles, which can all be combined together, make it possible to obtain security doors with 1, 2 or 3 locking points.
The versatility of the range simplifies composition of the various configurations achievable.

9

Design
Thanks to their linear and attractive look, Giesse panic exit devices integrate perfectly with the environment in which they are placed and with all types of material (aluminium, wood, steel).

GS AP001 the PUSH BAR version panic exit device

GS AP001 is the panic device for PUSH BAR applications which combines easy assembly, a long working lifetime, compatibility with most profiles, attention to design and highly certified performance, all in one.

The vast range enables panic exits to be created for every situation.

The GS AP001 application panic device is made using three fundamental elements:

- **mechanisms** (available in lateral, top/bottom and modular versions)
- **operation bars** (available in three different widths)
- **supplementary latches** (available in top/bottom and lateral versions).

Reliability of the devices is guaranteed by the **high quality and resistance of the materials** selected. The mechanism is made of galvanised steel, the bar of extruded aluminium and the supplementary locking points (latches) of stainless steel. Bolt guards are made of galvanised steel.

The GS AP001 devices are available in the following **versions**:

- with one locking point and lateral bolt
- with two locking points and no lateral bolt but with supplementary vertical and lateral top/bottom latches
- with three locking points (modular version) with lateral bolt plus

supplementary top/bottom vertical and lateral latches

All latches (on bars and supplementary) come with strikers.
The GS AP001 bars are supplied pre-mounted for right-hand application. Simply by rotating the clamp from its position in the packaging, left-hand application becomes possible.
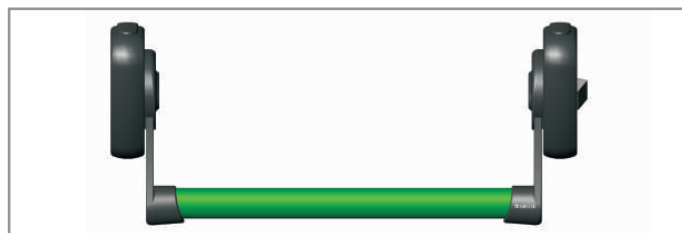
The GS AP001 panic device is also available (with different codes) in a **fire door version** (GS AP001 F). The difference consists of the use of **specific stainless steel strikers**, which ensure that the

safety device works, and thus the door opens, also in the event of a fire.

GS AP001 is applied to panic doors with one or two wings.

GS AP002

GS AP002 is the panic device for TOUCH BAR applications which combines easy assembly, a long working lifetime, compatibility with most profiles, attention to design and highly certified performance, all in one.

The vast range enables panic exits to be created for every situation.

The fundamental feature of the GS AP002 application bar is that it is supplied **pre-assembled with the operation bar**. Mounting the panic exit device is particularly easy and quick: it only has to be placed against the door and fixed using the supplied screws.

Reliability of the devices is guaranteed by the **high quality and resistance of the selected materials**. The mechanism is made of galvanised steel, the bar of extruded aluminium and the supplementary locking points (latches) of stainless steel. Bar cover guards and bolt guards are made of galvanised steel.

GS AP002 is available in three different lengths, in the following **versions**:

- with one locking point and lateral bolt

- with two locking points and no lateral bolt but with supplementary vertical and lateral top/bottom latches
- with three locking points (modular version) with lateral bolt plus supplementary top/bottom vertical and lateral latches

All latches (both on mechanisms and supplementary) come with strikers.

The GS AP002 is both right-hand and left-hand, so mounting on doors opening to the right or the left involves no operations on the device.

The GS AP002 panic device is also available (with different codes) in a **firedoor versione** (GS AP002 F). The difference consists of the use of **specific stainless steel strikers**, which ensure that the safety device works, and thus the door opens, also in the event of a fire.

GS AP002 is applied to panic doors with one or two wings.
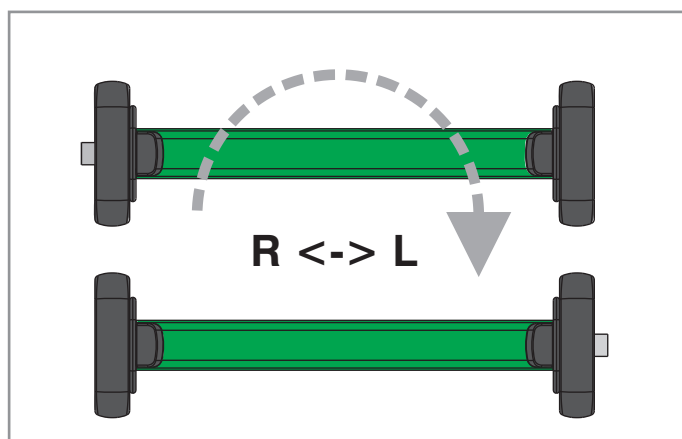
R <-> L

SUPPLEMENTARY LATCHES

The GS AP001 and GS AP002 panic exit device application models are available with **supplementary locking points** (latches) which make the door more secure.

The supplementary latches are available in the following **versions**:
- with vertical top/bottom locking (available in two different heights)
- with lateral top/bottom locking (available in two different heights.)

All supplementary latches are supplied with the relevant strikers.
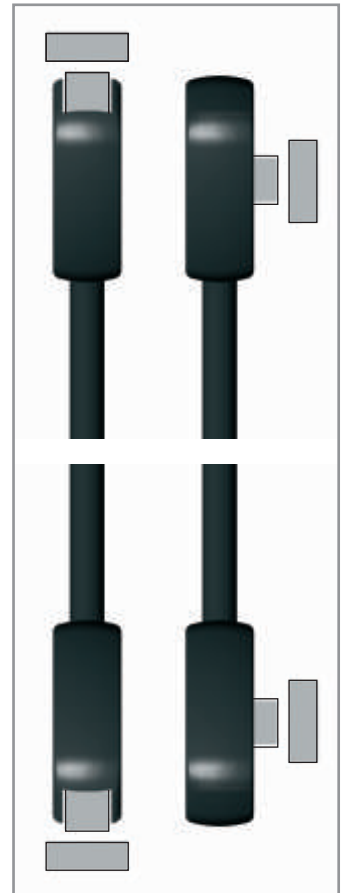
STRIKERS FOR LATCHES

The strikers of the GS AP001 and GS AP002 application panic exit devices are available in the following **versions**:

- bolt strikers (standard and fire door version) adjustable to be placed in a position corresponding to the lateral or vertical latches
- floor striker to be placed in a position corresponding to the bottom vertical bolt.

The strikers exist individually as accessories but are already supplied with the panic exit devices and supplementary latches.

Standard version

Fire door version

EXTERNAL CONTROL

The external control common to all GS AP001 and GS AP002 panic exit devices is a device to be applied on the outside of the door, enabling it to be opened from the outside.

Available in **versions with handle and knob**, the external control can also be fitted with a Europrofile cylinder (DIN cam) of various sizes, and with a master-key system.

GS AP100 the security panic exit device

The AP100 security insertion panic exit device fitted with **a single or multipoint lock**, provides extra security against intrusion.

GS AP100 is compatible with most of the commercial profiles available on the market, guaranteeing high reliability and certified performance, and has a linear and attractive design that integrates perfectly with the environment in which it is placed.

The insertion device is made using the following elements:
- **the mechanism**
- **the operation bar** (available in three different widths)
- **the lock** (available in single or multipoint version)
- **the single striker for the central lock** (with one locking point) **or the striker kit for multipoint locks** (with 3 locking points)
- **the cylinder** (available in various widths and types).

The GS AP100 locks are available with three different backsets and different face plates according to the type of profile:
- "U"-shaped for door-type profiles (with no groove)
- flat for grooved profiles.

The entire range of locks is reversible and compatible with European profile cylinders .

The face plate is in stainless steel and the components of the lock in galvanized steel.

The special feature of these locks, compared with traditional door locks, is that pressing on the operation bar, if inserted, deactivates the locking device (bolt and latches).

GS AP100 the security panic exit device

GS AP100 comes with two series of strikers, in stainless steel and zamak, adjustable in the three directions (height – width - depth): one for the central lock, and a locking kit for the multipoint lock for **application on the most common profiles on the market**:

- Euro groove
- door type
- R40-R50
- new Nc40
- flush profiles
- iron.

GS AP100 can be applied to all profiles with a thickness equal to or more than 32.5 mm.

The use of Giesse strikers is compulsory in order to retain CE certification.

GS AP100 is either left- or right-handed and requires no further adaptations.

GS AP100 is applied to doors with one wing.

Lock for flat face plate

E	25	30	35
A	40	45	50

Lock for "U"-shaped face plate

L ≥ 32.5mm
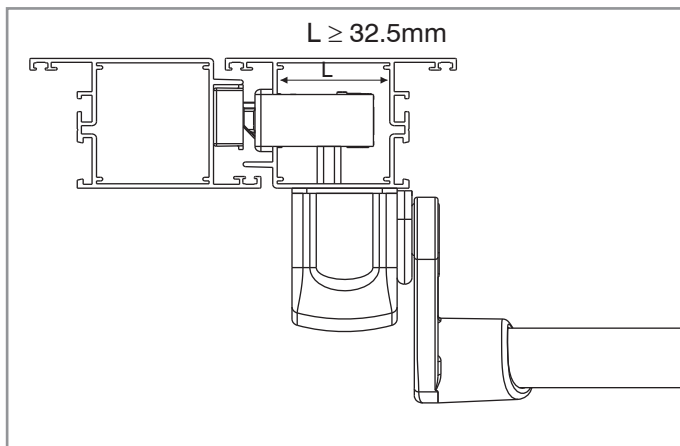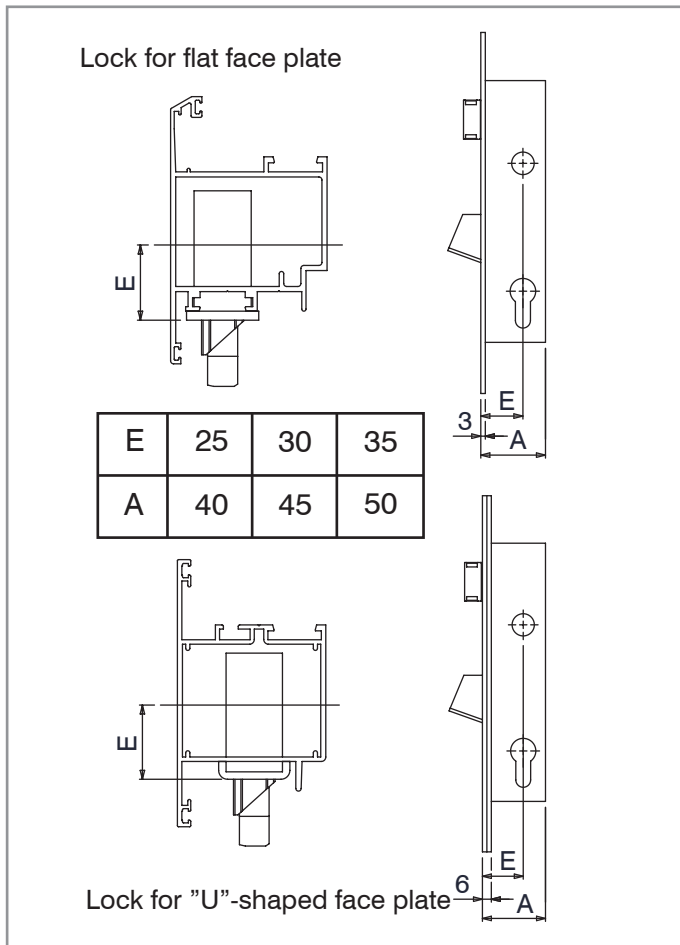
CE certification at the highest performance levels

Giesse panic exit devices are made so as to guarantee easy and safe operation of the device in emergency situations and are certified in conformity with the **European EN 1125:2008 standard** and authorized for use of the **CE Mark** exhibiting the following high performance levels.

GS AP001

EN 1125:2008
3 7 7 0 1 4 2 2 A A

GS AP001 F

EN 1125:2008
3 7 7 B 1 4 2 2 A A

GS AP002

EN 1125:2008
3 7 7 0 1 4 2 2 B A

GS AP002 F

EN 1125:2008
3 7 7 B 1 4 2 2 B A

GS AP100

EN 1125:2008
3 7 6 0 1 4 2 1 A B

UNI EN 1125:2008, description of performance levels:

1st character - **CATEGORY OF USE**
Grade 3 = high frequency of use, suitable for use in public buildings

2nd character - **DURABILITY/NUMBER OF CYCLES**
Grade 7 = 200,000 cycles

3rd character - **DOOR MASS**
Grade 6 = up to 200 kg
Grade 7 = over 200 kg

4th character - **SUITABILITY FOR USE ON FIRE/SMOKE DOORS (*)**
Grade 0 = not approved
Grade B = suitable

5th character - **SAFETY IN USE**
Grade 1 = maximum level of safety

6th character - **CORROSION RESISTANCE**
Grade 4 = very high resistance (240 hours in conformity with EN1670:2007)

7th character - **SECURITY**
Grade 2 = maximum level of security

8th character - **PROJECTION OF HORIZONTAL BAR**
Grade 1 = up to 150 mm
Grade 2 = up to 100 mm

9th character - **TYPE OF DEVICE**
Type A = panic exit device with "push-bar" operation
Type B = panic exit device with "touch-bar" operation

10th character - **FIELD OF DOOR APPLICATION**
Type A = single door or double door
Type B = single door only
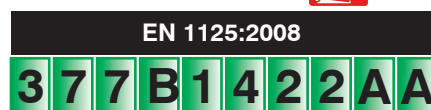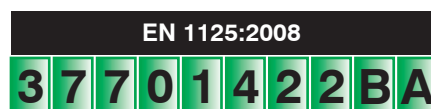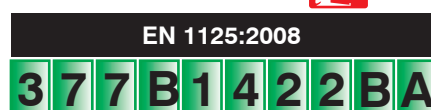
(*) Suitability for use on fire doors which does not replace the obligation to homologate the door in conformity with EN 1634-01/02/03.

LIMITS FOR RETENTION OF CE CERTIFICATION

MAXIMUM WEIGHT OF THE DOOR	**no limits for sash weight**
MAXIMUM HEIGHT OF THE DOOR	**2500 mm**
MAXIMUM WIDTH OF THE DOOR	**1300 mm**
NORMAL OPERATING TEMPERATURE RANGE	**-20°C/+100°C**

Fire doors

Safety and functionality also in the event of fire

The Giesse range of application panic exit devices includes two versions, GS AP001 F and GS AP002 F, which are suitable for application on fire doors.

These versions are different from the standard ones in their use of **specific strikers, in stainless steel**, which ensure that the safety device works, and thus the door opens, also in the event of a fire.

Simple to mount

Few, simple and intuitive operations

Installation of the Giesse panic exit devices is simple and quick. With the help of the templates provided in the assembly instructions (fig. 1) supplied with the product, work is done on the profiles (holes drilled). Installation of the strikers requires a number of holes to be drilled using the strikers themselves as templates.

More work is needed on the profile in the case of mounting the GS AP100 security insertion model (fig. 2).

Fig. 1

Vp Vs

Main wing

Secondary wing

1115 ± 4 mm

Vp

Vs

Fig. 2

21

135

529

89

243

454

1047

135

85

16

20

12

17
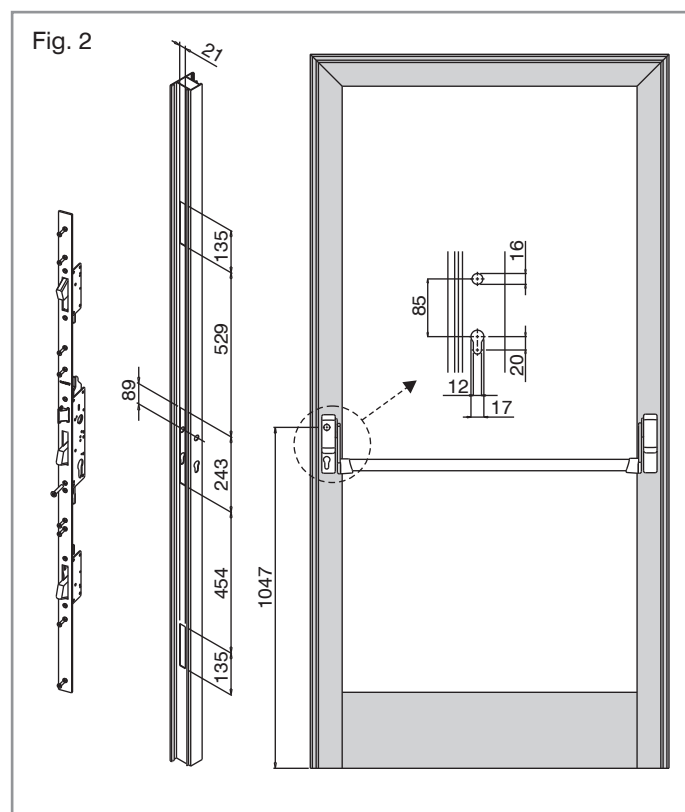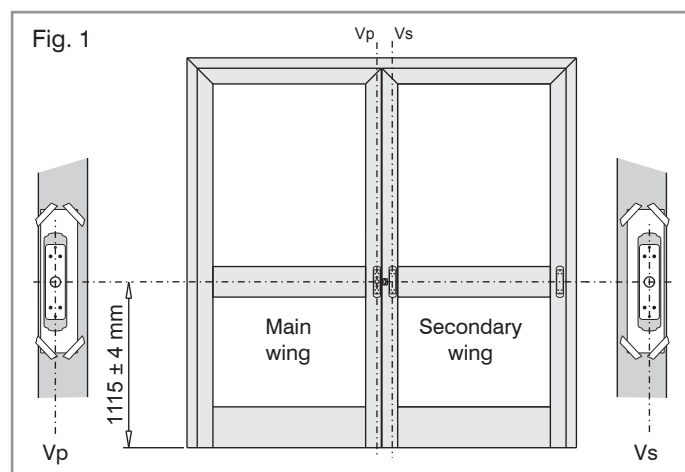
Versatile

GS AP001 and GS AP002: any type of lock with only a few items

Using a limited number of items, the Giesse bars of the GS AP001 and GS AP002 **application range** enable various types of configurations for doors with one and two wings.

The **lateral version bar** enables the creation of a panic door with **a lateral locking point**. The **top/bottom version bar** combined with the supplementary latches enables the creation of a panic door with **two lateral or vertical locking points**.

The **modular version bar**, which can be combined with supplementary latches, enables the creation of a panic door with **one lateral locking point, two lateral or vertical locking points, or three lateral** (or two vertical and one lateral) **locking points**.

Finally two winged security doors can be made, again with lateral points (one, two or three points) locking the main wing into the secondary wing.

The modularity of the product, together with the individual packaging of each item, brings the advantage of working with a limited number of articles in stock.

GS AP001

GS AP002
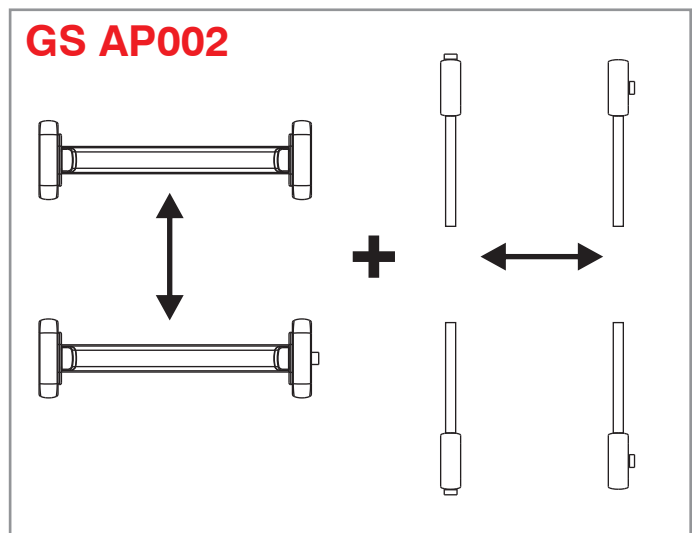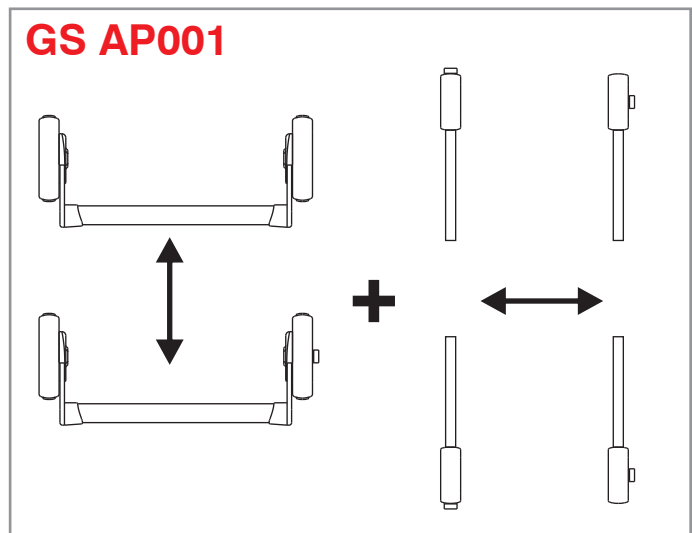
Versatile

GS AP100: locks with single or triple locking points and external controls with keys to protect buildings from attempted intrusion

The Giesse AP100 **insert version device bar** with lock, enables the creation of various types of configurations **for doors with one wing**, ensuring high performance in terms of security and resistance.

The GS AP100 security bar enables the production of a panic door with **a lateral locking point** if combined with a central lock and **three lateral locking points** if combined with a

multipoint lock.

GS AP100 is applied to doors with one wing.

GS AP100
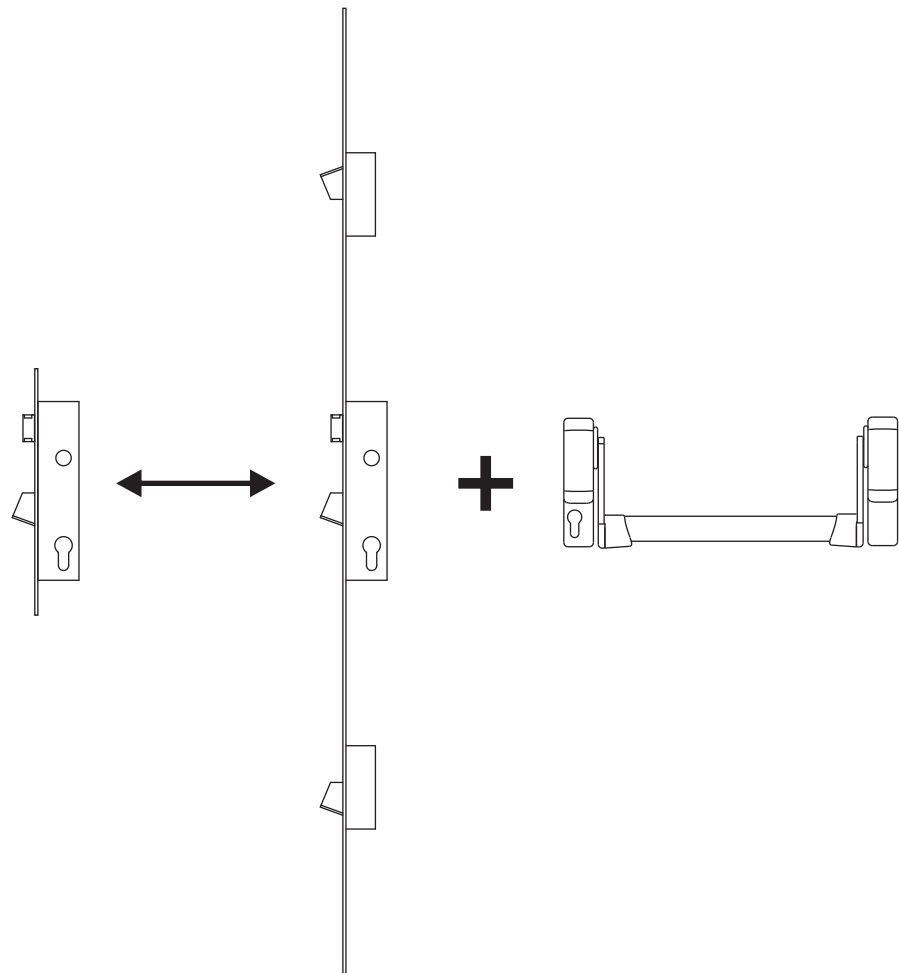
CONFIGURATIONS

Type	Pcs.	Description	Codice	Notes
	1	GS AP001 lateral mechanism	07830...N	
	1	950 mm bar	07843...	For door widths up to 1000mm
		1150mm bar	07844...	For door widths from 1001 to 1200 mm
		1450mm bar	07845...	For door widths from 1201 to 1500mm
	1	GS AP001 top/bottom mechanism	07831...N	
	1	Short vertical suppl. latches	07835...N	For door heights up to 2640mm
		Long vertical suppl. latches	07836...N	For door heights from 2641 to 3150mm
	1	950mm bar	07843...	For door widths up to 1000mm
		1150mm bar	07844...	For door widths from 1001 to 1200mm
		1450mm bar	07845...	For door widths from 1201 to 1500mm
	1	GS AP001 top/bottom mechanism	07831...N	
	1	Short lateral suppl. latches	07837...N	For door heights up to 2640mm
		Long lateral suppl. latches	07838...N	For door heights from 2641 to 3150mm
	1	950mm bar	07843...	For door widths up to 1000mm
		1150mm bar	07844...	For door widths from 1001 to 1200mm
		1450mm bar	07845...	For door widths from 1201 to 1500mm
	1	GS AP001 modular mechanism	07832...N	
	1	Short vertical suppl. latches	07835...N	For door heights up to 2640mm
		Long vertical suppl. latches	07836...N	For door heights from 2641 to 3150 mm
	1	950mm bar	07843...	For door widths up to 1000mm
		1150mm bar	07844...	For door widths from 1001 to 1200mm
		1450mm bar	07845...	For door widths from 1201 to 1500mm
	1	GS AP001 modular mechanism	07832...N	
	1	Short lateral suppl. latches	07837...N	For door heights up to 2640mm
		Long lateral suppl. latches	07838...N	For door widths from 2641 to 3150mm
	1	950mm bar	07843...	For door widths up to 1000mm
		1150mm bar	07844...	For door widths from 1001 to 1200mm
		1450mm bar	07845...	For door widths from 1201 to 1500mm

The three dots indicated in the codes of the products substitute, on this page, the three numbers of the finishing that may be ordered.
For the Giesse finishing code, please refer to the "How to order" section on page 27

Type	Pcs.	Description	Code	Notes
	1	GS AP001 lateral mechanism	**07830...N**	
	1	GS AP001 top/bottom mechanism	**07831...N**	
	1	Short vertical suppl. latches	**07835...N**	For door heights up to 2640mm
		Long vertical suppl. latches	**07836...N**	For door heights from 2641 to 3150mm
	2	950mm bar	**07843...**	For door widths up to 1000mm
		1150mm bar	**07844...**	For door widths from 1001 to 1200mm
		1450mm bar	**07845...**	For door widths from 1201 to 1500mm

Type	Pcs.	Description	Code	Notes
	2	GS AP001 top/bottom mechanism	**07831...N**	
	1	Short vertical suppl. latches	**07835...N**	For door heights up to 2640mm
		Long vertical suppl. latches	**07836...N**	For door heights from 2641 to 3150mm
	1	Short lateral suppl. latches	**07837...N**	For door heights up to 2640mm
		Long lateral suppl. latches	**07838...N**	For door heights from 2641 to 3150mm
	2	Barra 950mm	**07843...**	For door widths up to 1000mm
		Barra 1150mm	**07844...**	For door widths from 1001 to 1200mm
		Barra 1450mm	**07845...**	For door widths from 1201 to 1500mm

Type	Pcs.	Description	Code	Notes
	1	GS AP001 top/bottom mechanism	**07831...N**	
	1	GS AP001 modular mechanism	**07832...N**	
	1	Short vertical suppl. latches	**07835...N**	For door heights up to 2640mm
		Long vertical suppl. latches	**07836...N**	For door heights from 2641 to 3150mm
	1	Short lateral suppl. latches	**07837...N**	For door heights up to 2640mm
		Long lateral suppl. latches	**07838...N**	For door heights from 2641 to 3150mm
	2	950mm bar	**07843...**	For door widths up to 1000mm
		1150mm bar	**07844...**	For door widths from 1001 to 1200mm
		1450mm bar	**07845...**	For door widths from 1201 to 1500mm

1 = main wing
2 = secondary wing

The three dots indicated in the codes of the products substitute, on this page, the three numbers of the finishing that may be ordered.
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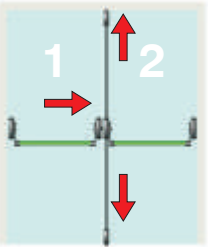| Type	Pcs.	Description	Code	Notes
	1	GS Ap001 F lateral mechanism	07310...	
	1	950mm bar	07843...	For door widths up to 1000mm
		1150mm bar	07844...	For door widths from 1001 to 1200mm
		1450mm bar	07845...	For door widths from 1201 to 1500mm
	1	GS AP001 top/bottom mechanism	07831...N	
	1	Short vertical suppl. latches	07315...	For door heights up to 2640mm
		Long vertical suppl. latches	07316...	For door heights from 2641 to 3150mm
	1	950mm bar	07843...	For door widths up to 1000mm
		1150mm bar	07844...	For door widths from 1001 to 1200mm
		1450mm bar	07845...	For door widths from 1201 to 1500mm
	1	GS AP001 top/bottom mechanism	07831...N	
	1	Short lateral suppl. latches	07317...	For door heights up to 2640mm
		Long lateral suppl. latches	07318...	For door heights from 2641 a 3150mm
	1	950mm bar	07843...	For door widths up to 1000mm
		1150mm bar	07844...	For door widths from 1001 to 1200mm
		1450mm bar	07845...	For door widths from 1201 to 1500mm
	1	GS AP001 F modular mechanism	07312...	
	1	Short vertical suppl. latches	07315...	For door heights up to 2640mm
		Long vertical suppl. latches	07316...	For door heights from 2641 a 3150mm
	1	950mm bar	07843...	For door widths up to 1000mm
		1150mm bar	07844...	For door widths from 1001 to 1200mm
		1450mm bar	07845...	For door widths from 1201 to 1500mm
	1	GS AP001 F modular mechanism	07312...	
	1	Short lateral suppl. latches	07317...	For door heights up to 2640mm
		Long lateral suppl. latches	07318...	For door heights from 2641 to 3150mm
	1	950mm bar	07843...	For door widths up to 1000mm
		1150mm bar	07844...	For door widths from 1001 to 1200mm
		1450mm bar	07845...	For door widths from 1201 to 1500mm

The three dots indicated in the codes of the products substitute, on this page, the three numbers of the finishing that may be ordered.
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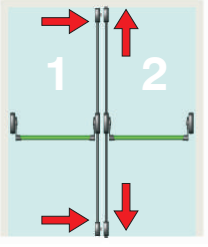
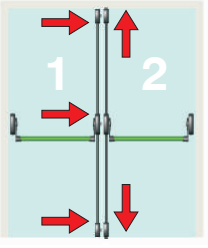| Type	Pcs.	Description	Code	Notes
	1	GS AP001 F lateral mechanism	**07310...**	
	1	GS AP001 top/bottom bar	**07831...N**	
	1	Short vertical suppl. latches	**07315...**	For door heights up to 2640mm
		Long vertical suppl. latches	**07316...**	For door heights from 2641 to 3150mm
	2	950mm bar	**07843...**	For door widths up to1000mm
		1150mm bar	**07844...**	For door widths from 1001 to 1200mm
		1450mm bar	**07845...**	For door widths from 1201 to 1500mm

Type	Pcs.	Description	Code	Notes
	2	GS AP001 top/bottom mechanism	**07831...N**	
	1	Short vertical suppl. latches	**07315...**	For door heights up to 2640mm
		Long vertical suppl. latches	**07316...**	For door heights from 2641 to 3150mm
	1	Short lateral suppl. latches	**07317...**	For door heights up to 2640mm
		Long lateral suppl. latches	**07318...**	For door heights from 2641 to 3150mm
	2	950mm bar	**07843...**	For door widths up to 1000mm
		1150mm bar	**07844...**	For door widths from 1001 to 1200mm
		1450mm bar	**07845...**	For door widths from 1201 to 1500mm

Type	Pcs.	Description	Code	Notes
	1	GS AP001 top/bottom mechanism	**07831...N**	
	1	GS AP001 F modular mechanism	**07312...**	
	1	Short vertical suppl. latches	**07315...**	For door heights up to 2640mm
		Long vertical suppl. latches	**07316...**	For door heights from 2641 to 3150mm
	1	Short lateral suppl. latches	**07317...**	For door heights up to 2640mm
		Long lateral suppl. latches	**07318...**	For door heights from 2641 to 3150mm
	2	950mm bar	**07843...**	For door widths up to 1000mm
		1150mm bar	**07844...**	For door widths from 1001 to 1200mm
		1450mm bar	**07845...**	For door widths from 1201 to 1500mm

1 = main wing
2 = secondary wing

Type	Pcs.	Description	Code	Notes
	1	GS AP002 short lateral mechanism	**07410...**	For door widths up to 1000mm
		GS AP002 medium lateral mechanism	**07411...**	For door widths from 1001 to 1200mm
		GS AP002 long lateral mechanism	**07412...**	For door widths from 1201 to 1500mm
	1	GS AP002 short top/bottom mechanism	**07413...**	For door widths up to 1000mm
		GS AP002 medium top/bottom mechanism	**07414...**	For door widths from 1001 to 1200mm
		GS AP002 long top/bottom mechanism	**07415...**	For door widths from 1201 to 1500mm
	1	Short vertical suppl. latches	**07835...N**	For door heights up to 2640mm
		Long vertical suppl. latches	**07836...N**	For door heights from 2641 to 3150mm
	1	GS AP002 short top/bottom mechanism	**07413...**	For door widths up to 1000mm
		GS AP002 medium top/bottom mechanism	**07414...**	For door widths from 1001 to 1200mm
		GS AP002 long top/bottom mechanism	**07415...**	For door widths from 1201 to 1500mm
	1	Short lateral suppl. latches	**07837...N**	For door heights up to 2640mm
		Long lateral suppl. latches	**07838...N**	For door heights from 2641 to 3150mm
	1	GS AP002 short modular mechanism	**07416...**	For door widths up to 1000mm
		GS AP002 medium modular mechanism	**07417...**	For door widths from 1001 to 1200mm
		GS AP002 long modular mechanism	**07418...**	For door widths from 1201 to 1500mm
	1	Short vertical suppl. latches	**07835...N**	For door heights up to 2640mm
		Long vertical suppl. latches	**07836...N**	For door heights from 2641 to 3150mm
	1	GS AP002 short modular mechanism	**07416...**	For door widths up to 1000mm
		GS AP002 medium modular mechanism	**07417...**	For door widths from 1001 to 1200mm
		GS AP002 long modular mechanism	**07418...**	For door widths from 1201 to 1500mm
	1	Short lateral suppl. latches	**07837...N**	For door heights up to 2640mm
		Long lateral suppl. latches	**07838...N**	For door heights from 2641 to 3150mm

The three dots indicated in the codes of the products substitute, on this page, the three numbers of the finishing that may be ordered.
For the Giesse finishing code, please refer to the "How to order" section on page 27..

Type	Pcs.	Description	Code	Notes
	1	GS AP002 short lateral mechanism	**07410...**	For door widths up to 1000 mm
		GS AP002 medium lateral mechanism	**07411...**	For door widths from 1001 to 1200 mm
		GS AP002 long lateral mechanism	**07412...**	For door widths from 1201 to 1500 mm
	1	GS AP002 short top/bottom mechanism	**07413...**	For door widths up to 1000 mm
		GS AP002 medium top/bottom mechanism	**07414...**	For door widths from 1001 to 1200 mm
		GS AP002 long top/bottom mechanism	**07415...**	For door widths from 1201 to 1500 mm
	1	Short vertical suppl. latches	**07835...N**	For door heights up to 2640mm
		Long vertical suppl. latches	**07836...N**	For door heights from 2641 to 3150 mm

Type	Pcs.	Description	Code	Notes
	2	GS AP002 short top/bottom mechanism	**07413...**	For door widths up to 1000 mm
		GS AP002 medium top/bottom mechanism	**07414...**	For door widths from 1001 to 1200 mm
		GS AP002 long top/bottom mechanism	**07415...**	For door widths from 1201 to 1500 mm
	1	Short vertical suppl. latches	**07835...N**	For door heights up to 2640mm
		Long vertical suppl. latches	**07836...N**	For door heights from 2641 to 3150 mm
	1	Short lateral suppl. latches	**07837...N**	For door heights up to 2640mm
		Long lateral suppl. latches	**07838...N**	For door heights from 2641 to 3150 mm

Type	Pcs.	Description	Code	Notes
	1	GS AP002 short modular mechanism	**07416...**	For door widths up to 1000 mm
		GS AP002 medium modular mechanism	**07417...**	For door widths from 1001 to 1200 mm
		GS AP002 long modular mechanism	**07418...**	For door widths from 1201 to 1500 mm
	1	GS AP002 short top/bottom mechanism	**07413...**	For door widths up to 1000 mm
		GS AP002 medium top/bottom mechanism	**07414...**	For door widths from 1001 to 1200 mm
		GS AP002 long top/bottom mechanism	**07415...**	For door widths from 1201 to 1500 mm
	1	Short vertical suppl. latches	**07835...N**	For door heights up to 2640mm
		Long vertical suppl. latches	**07836...N**	For door heights from 2641 to 3150 mm
	1	Short lateral suppl. latches	**07837...N**	For door heights up to 2640mm
		Long lateral suppl. latches	**07838...N**	For door heights from 2641 to 3150 mm

1 = main wing
2 = secondary wing

The three dots indicated in the codes of the products substitute, on this page, the three numbers of the finishing that may be ordered.
For the Giesse finishing code, please refer to the "How to order" section on page 27

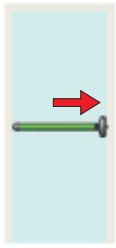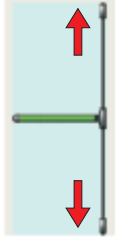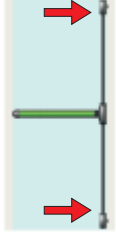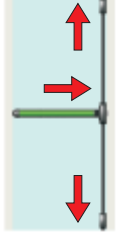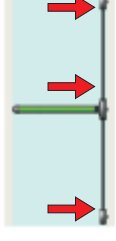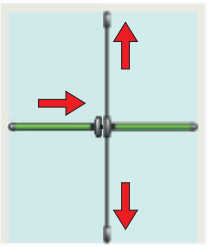| Type	Pcs.	Description	Code	Notes
	1	GS AP002 F short lateral mechanism	07420...	For door widths up to 1000 mm
		GS AP002 F medium lateral mechanism	07421...	For door widths from 1001 to 1200 mm
		GS AP002 F long lateral mechanism	07422...	For door widths from 1201 to 1500 mm
	1	GS AP002 short top/bottom mechanism	07413...	For door widths up to 1000 mm
		GS AP002 medium top/bottom mechanism	07414...	For door widths from 1001 to 1200 mm
		GS AP002 long top/bottom mechanism	07415...	For door widths from 1201 to 1500 mm
	1	Short vertical suppl. latches	07315...	For door heights up to 2640mm
		Long vertical suppl. latches	07316...	For door heights from 2641 to 3150 mm
	1	GS AP002 short top/bottom mechanism	07413...	For door widths up to 1000 mm
		GS AP002 medium top/bottom mechanism	07414...	For door widths from 1001 to 1200 mm
		GS AP002 long top/bottom mechanism	07415...	For door widths from 1201 to 1500 mm
	1	Short lateral suppl. latches	07317...	For door heights up to 2640mm
		Long lateral suppl. latches	07318...	For door heights from 2641 to 3150 mm
	1	GS AP002 F short modular mechanism	07426...	For door widths up to 1000 mm
		GS AP002 F medium modular mechanism	07427...	For door widths from 1001 to 1200 mm
		GS AP002 F long modular mechanism	07428...	For door widths from 1201 to 1500 mm
	1	Short vertical suppl. latches	07315...	For door heights up to 2640mm
		Long vertical suppl. latches	07316...	For door heights from 2641 to 3150 mm
	1	GS AP002 F short modular mechanism	07426...	For door widths up to 1000 mm
		GS AP002 F medium modular mechanism	07427...	For door widths from 1001 to 1200 mm
		GS AP002 F longmodular mechanism	07428...	For door widths from 1201 to 1500 mm
	1	Short lateral suppl. latches	07317...	For door heights up to 2640mm
		Long lateral suppl. latches	07318...	For door heights from 2641 to 3150 mm

The three dots indicated in the codes of the products substitute, on this page, the three numbers of the finishing that may be ordered.
For the Giesse finishing code, please refer to the "How to order" section on page 27
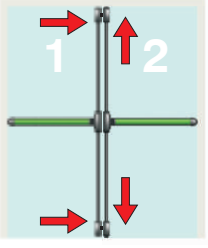
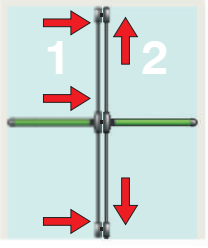| Type	Pcs.	Description	Code	Notes
	1	GS AP002 short lateral mechanism	**07410...**	For door widths up to 1000 mm
		GS AP002 medium lateral mechanism	**07411...**	For door widths from 1001 to 1200 mm
		GS AP002 long lateral mechanism	**07412...**	For door widths from 1201 to 1500 mm
	1	GS AP002 short top/bottom mechanism	**07413...**	For door widths up to 1000 mm
		GS AP002 medium top/bottom mechanism	**07414...**	For door widths from 1001 to 1200 mm
		GS AP002 long top/bottom mechanism	**07415...**	For door widths from 1201 to 1500 mm
	1	Short vertical suppl. latches	**07315...**	For door heights up to 2640mm
		Long vertical suppl. latches	**07316...**	For door heights from 2641 to 3150 mm
	2	GS AP002 short top/bottom mechanism	**07413...**	For door widths up to 1000 mm
		GS AP002 medium top/bottom mechanism	**07414...**	For door widths from 1001 to 1200 mm
		GS AP002 long top/bottom mechanism	**07415...**	For door widths from 1201 to 1500 mm
	1	Short vertical suppl. latches	**07315...**	For door heights up to 2640mm
		Long vertical suppl. latches	**07316...**	For door heights from 2641 to 3150 mm
	1	Short lateral suppl. latches	**07317...**	For door heights up to 2640mm
		Long lateral suppl. latches	**07318...**	For door heights from 2641 to 3150 mm
	1	GS AP002 F short modular mechanism	**07426...**	For door widths up to 1000 mm
		GS AP002F medium modular mechanism	**07427...**	For door widths from 1001 to 1200 mm
		GS AP002 F long modular mechanism	**07428...**	For door widths from 1201 to 1500 mm
	1	GS AP002 short top/bottom mechanism	**07413...**	For door widths up to 1000 mm
		GS AP002 medium top/bottom mechanism	**07414...**	For door widths from 1001 to 1200 mm
		GS AP002 long top/bottom mechanism	**07415...**	For door widths from 1201 to 1500 mm
	1	Short vertical suppl. latches	**07315...**	For door heights up to 2640mm
		Long vertical suppl. latches	**07316...**	For door heights from 2641 to 3150 mm
	1	Short lateral suppl. latches	**07317...**	For door heights up to 2640mm
		Long lateral suppl. latches	**07318...**	For door heights from 2641 to 3150 mm

1 = main wing
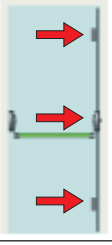2 = secondary wing

The three dots indicated in the codes of the products substitute, on this page, the three numbers of the finishing that may be ordered.
For the Giesse finishing code, please refer to the "How to order" section on page 27

Type	Pcs.	Description	Code	Notes
FOR PROFILES WITH GROOVE	1	GS AP100 mechanism	**07833...**	
	1	950 mm bar	**07843...**	For door widths up to 1.000 mm
		1.150 mm bar	**07844...**	For door widths up to 1.200 mm
		1.450 mm bar	**07845...**	For door widths up to 1.500 mm
	1	Central lock, flat face plate	07643000	25 mm cylinder backset
		Central lock, flat face plate	07644000	30 mm cylinder backset
		Central lock, flat face plate	07645000	35 mm cylinder backset
	1	Adjustable striker for GS AP100	(*)	For various types of profile
	1	Double Europrofile cylinder	(*)	
FOR PROFILES WITH GROOVE	1	GS AP100 mechanism	**07833...**	
	1	950 mm bar	**07843...**	For door widths up to 1.000 mm
		1.150 mm bar	**07844...**	For door widths up to 1.200 mm
		1.450 mm bar	**07845...**	For door widths up to 1.500 mm
	1	Multipoint lock, flat face plate	07653000	25 mm cylinder backset
		Multipoint lock, flat face plate	07654000	30 mm cylinder backset
		Multipoint lock, flat face plate	07655000	35 mm cylinder backset
	1	Adjustable striker for GS AP100	(*)	For various types of profile
	1	Double Europrofile cylinder	(*)	
FOR PROFILES WITHOUT GROOVE	1	GS AP100 mechanism	**07833...**	
	1	950 mm bar	**07843...**	For door widths up to 1.000 mm
		1.150 mm bar	**07844...**	For door widths up to 1.200 mm
		1.450 mm bar	**07845...**	For door widths up to 1.500 mm
	1	Central lock, "U"-shaped face plate	07640000	25 mm cylinder backset
		Central lock, "U"-shaped face plate	07641000	30 mm cylinder backset
		Central lock, "U"-shaped face plate	07642000	35 mm cylinder backset
	1	Adjustable striker for GS AP100	(*)	For various types of profile
	1	Double Europrofile cylinder	(*)	
FOR PROFILES WITHOUT GROOVE	1	GS AP100 mechanism	**07833...**	
	1	950 mm bar	**07843...**	For door widths up to 1.000 mm
		1.150 mm bar	**07844...**	For door widths up to 1.200 mm
		1.450 mm bar	**07845...**	For door widths up to 1.500 mm
	1	Multipoint lock, "U"-shaped face plate	07650000	25 mm cylinder backset
		Multipoint lock, "U"-shaped face plate	07651000	30 mm cylinder backset
		Multipoint lock, "U"-shaped face plate	07652000	35 mm cylinder backset
	1	Adjustable striker for GS AP100	(*)	For various types of profile
	1	Double Europrofile cylinder	(*)	

(*) : See "Codes and finishes"

The three dots indicated in the codes of the products substitute, on this page, the three numbers of the finishing that may be ordered.
For the Giesse finishing code, please refer to the "How to order" section on page 27.

External control

The external control common to all GS AP001 panic exit devices enables operation of the bar to be impeded, thus preventing opening from the outside. It can be combined with all the configurations indicated.

Latch striker for fire doors

The fire door versions differ from the standard versions in the use of specific stainless steel strikers, which ensure that the safety device works, and thus the door opens, also in the event of a fire.

Latch striker

The adjustable bolt striker to be placed in a position corresponding to the lateral or vertical latches of GS AP001 and GS AP002.
It is supplied with the panic exit devices and supplementary latches.

Floor latch striker

The floor striker to be placed in a position corresponding to the bottom vertical bolt of GS AP001 and GS AP002.
It is supplied with the panic exit devices and supplementary latches.

The GS AP100 range has to be coupled with half and double europrofile cylinders.

Double cylinder
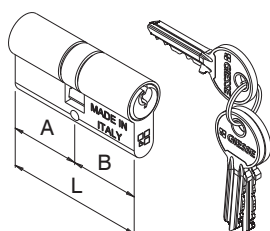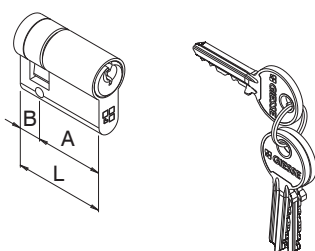
CODE	COMMERCIAL DIMENSION	L	A	B
07680	31/31	62	31	31
07681	37/27	64	37	27
07682	35/35	70	35	35
07683	41/31	72	41	31
07684	41/41	82	41	41
07685	51/31	82	51	31
07687	61/31	92	61	31
07688	41/51	92	41	51
07689	91/31	122	91	31

Half cylinder

CODE	COMMERCIAL DIMENSION	L	A	B
07686	31/10	41	31	10

CODES

Giesse has adopted and defined rules for codification of the finished products, so as to enable them to be identified uniquely and to ensure that that they can be traced in stores and on the computer system managing the business processes. All references you find on catalogues or price lists contain an alphanumeric code which defines their characteristics. These rules are summarised in the example given below:

Identification of the article

Example: Article 07830410N
GS AP001 lateral mechanism

07830 . . . N

Product root
This is made up of the first **5** characters of the code plus the **9th** character if any. In the case examined the product root is: 07830N.

Finish
This is made up of the **6th, 7th** and **8th** characters of the code. To complete the product code, "..." has to be replaced with the finish code according the following **FINISHES AND CODES TABLE**.

Auxiliary characteristics of the product
It consists of the 9th (alphanumeric) character. It identifies a particular variant of a standard product which is decided case by case and often is not used.

FINISHES AND CODES TABLE

BASE/ROUGH: articles which exist only with a type of finish which is considered basic (E.g. 00350000) or articles with rough finishes that exist also with other finishes (E.g. 00120000N).

ANODISED/ELOX: articles with Electrocolour and Oxidised finishes.

TREND/GOLD/BRASS: articles with Trend, oxidised Gold, or Brass finishes.

PAINTED: painted articles.

SPECIAL FINISHES: articles with special paints.

TO ORDER: articles made to order with oxidised or painted finishes.

STANDARD 5 : high turnover products

SPECIAL 20 : low turnover products

BASE/RAW
000 rough/stainless steel/nylon
005 base primer
010 black nylon
501 matt black

PLASTIC POLYMERS
538 green
541 Ral 1013 pearl white
542 clear grey
544 grey
559 dark brown
560 white
580 red
590 black

ANODISED/ELOX	
STANDARD 5	SPECIAL 20
020 silver 190 electrogiesse 9	060 bronze 150 electrogiesse 5

PAINTED	
STANDARD 5	SPECIAL 20
372 silver metal	380 bronze euro
410 pure white	382 Giesse dark bronze
412 Ral 9003 polished white	390 electro 5 euro
413 Ral 9010 polished white	411 RAL 9010 white, 25% Gloss
414 Ral 1015 clear avory	420 Ral 9001 cream white
430 Ral 1013 pearl white	460 Ral 3003 ruby red
461 Ral 3000 red	480 Ral 6005 musk green
470 Ral 9016 white	490 Ral 8017 chocolate brown
500 Ral 9005 black	510 mat green SFX *
610 white (French) 9010	520 mat red SFX *
611 Ral 9010 white	530 mat gray SFX *
700 Ral 6029 Giesse Green	620 dark bronze
970 Ral 9006 silver	640 Ral 8019 brown painted
	641 Ral 8019 mat brown
	650 musk brown Grinz
	660 musk green Grinz
	670 mat brown SFX *
	680 Ral 9002 white
	790 Ral 9016 bright white
	960 Ral 1247 dark brown
	980 michelangelo white

TREND/GOLD/BRASS		
STANDARD 5	STANDARD 5	SPECIAL 20
040 gold 310 trend gold	350 trend cromosat	325 trend nickelsat 340 trend chrome 360 satined brass 361 bronzed brass

SPECIAL FINISHES	TO ORDER
SPECIAL 20	
373 metallized silver 374 silver Velvet 502 black Velvet 740 shot-blasting	300 Oxidation 600 Painted

* SFX finishes are available only for some articles.
Silver, Bronze and Electrogiesse 5 finishes of die-cast cremone latches of the EURO, PRIMA, SUPERMASTER, NOVA, SUPERNOVA and COUPE' lines must always be ordered with the following codes:
372 Silver Met Painted
380 Euro Bronze Painted
390 Euro Electrofive Painted

N.B. Some articles of the Giesse range cannot be made with all the finishes indicated in the table.
For further clarification and information please contact the Giesse Customer Care Service.

List of finishes available by article code

Code	Description	Base/Raw	Anodised/Elox		Painted		Trend/Gold/Brass			Special finishes	To order	Pieces x pack.
			ST.5	SP.20	ST.5	SP.20	ST.5	ST.5	SP.20			
MECHANISMS												
07830...N	GS AP001 LATERAL				X							1
07831...N	GS AP001 TOP/BOTTOM suitable for fire doors				X							1
07832...N	GS AP001 MODULAR				X							1
07310...	GS AP001 F LATERAL suitable for fire doors				X							1
07312...	GS AP001 F MODULAR suitable for fire doors				X							1
07410…	GS AP002 SHORT LATERAL				X							1
07411…	GS AP002 MEDIUM LATERAL				X							1
07412...	GS AP002 LONG LATERAL				X							1
07413...	GS AP002 SHORT TOP/BOTTOM suitable for fire doors				X							1
07414...	GS AP002 MEDIUM TOP/BOTTOM suitable for fire doors				X							1
07415...	GS AP002 LONG TOP/BOTTOM suitable for fire doors				X							1
07416...	GS AP002 SHORT MODULAR				X							1
07417...	GS AP002 MEDIUM MODULAR				X							1
07418...	GS AP002 LONG MODULAR				X							1
07420...	GS AP002 F SHORT LATERAL suitable for fire doors				X							1
07421…	GS AP002 F MEDIUM LATERAL suitable for fire doors				X							1
07422…	GS AP002 F LONG LATERAL suitable for fire doors				X							1
07426...	GS AP002 F SHORT MODULAR suitable for fire doors				X							1
07427...	GS AP002 F MEDIUM MODULAR suitable for fire doors				X							1
07428…	GS AP002 F LONG MODULAR suitable for fire doors				X							1
07833…	GS AP100				X							1
BARS FOR GS AP001 AND GS AP100												
07843...	950 mm BAR for door widths up to 1000 mm				X							1
07844...	1150 mm BAR for door widths up to 1200 mm				X							1
07845…	1450 mm BAR for door widths up to 1500 mm				X							1

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For the Giesse finishing code, please refer to the "How to order" section on page 27

Code	Description	Base/Raw	Anodised/Elox		Painted		Trend/Gold/Brass			Special finishes	To order	Pieces x pack.
			ST.5	SP.20	ST.5	SP.20	ST.5	ST.5	SP.20			
SUPPLEMENTARY LATCHES FOR GS AP001 AND GS AP002												
07835...N	**SHORT VERTICAL SUPPL. LATCHES** for door heights up to 2640 mm				X							1
07836...N	**LONG VERTICAL SUPPL. LATCHES** for door heights from 2641 to 3150 mm				X							1
07315...	**SHORT VERTICAL SUPPL. LATCHES** for door heights up to 2640 mm - suitable for fire doors				X							1
07316...	**LONG VERTICAL SUPPL. LATCHES** for door heights from 2641 to 3150 mm - suitable for fire doors				X							1
07837...N	**SHORT LATERAL SUPPL. LATCHES** for door heights up to 2640 mm				X							1
07838...N	**LONG LATERAL SUPPL. LATCHES** for door heights from 2641 to 3150 mm				X							1
07317...	**SHORT LATERAL SUPPL. LATCHES** for door heights up to 2640 mm - suitable for fire doors				X							1
07318...	**LONG LATERAL SUPPL. LATCHES** for door heights from 2641 to 3150 mm - suitable for fire doors				X							1
LOCKS FOR GS AP100												
07643000	**CENTRAL LOCK, FLAT FACE PLATE** 25 mm cylinder backset	X										1
07644000	**CENTRAL LOCK, FLAT FACE PLATE** 30 mm cylinder backset	X										1
07645000	**CENTRAL LOCK, FLAT FACE PLATE** 35 mm cylinder backset	X										1
07653000	**MULTIPOINT LOCK, FLAT FACE PLATE** 25 mm cylinder backset	X										1
07654000	**MULTIPOINT LOCK, FLAT FACE PLATE** 30 mm cylinder backset	X										1
07655000	**MULTIPOINT LOCK, FLAT FACE PLATE** 35 mm cylinder backset	X										1
07640000	**CENTRAL LOCK, "U"-SHAPED FACE PLATE** 25 mm cylinder backset	X										1
07641000	**CENTRAL LOCK, "U"-SHAPED FACE PLATE** 30 mm cylinder backset	X										1
07642000	**CENTRAL LOCK, "U"-SHAPED FACE PLATE** 35 mm cylinder backset	X										1
07650000	**MULTIPOINT LOCK, "U"-SHAPED FACE PLATE** 25 mm cylinder backset	X										1
07651000	**MULTIPOINT LOCK, "U"-SHAPED FACE PLATE** 30 mm cylinder backset	X										1
07652000	**MULTIPOINT LOCK, "U"-SHAPED FACE PLATE** 35 mm cylinder backset	X										1

The three dots indicated in the codes of the products substitute, on this page, the three numbers of the finishing that may be ordered.
For the Giesse finishing code, please refer to the "How to order" section on page 27

List of finishes available by article code

Code	Description	Base/Raw	Anodised/Elox		Painted		Trend/Gold/Brass			Special finishes	To order	Pieces x pack.
			ST.5	SP.20	ST.5	SP.20	ST.5	ST.5	SP.20			
ADJUSTABLE STRIKERS FOR GS AP100												
07690000	**STRIKER FOR EURO GROOVE PROFILES** groove 13.5/18 mm	X										1
07691000	**STRIKER FOR DOOR PROFILES**	X										1
07692000	**STRIKER FOR PROFILES WITH GROOVE 15/20 mm** air from 12 to 15 mm	X										1
07693000	**STRIKER FOR R40 AND R50 PROFILES**	X										1
07694000	**STRIKER FOR PROFILES WITH GROOVE 15/20 mm** air > 15 mm	X										1
07695000	**STRIKER FOR UNIVERSAL FLAT PROFILE**	X										1
07700000	**STRIKER KIT FOR EURO GROOVE PROFILES** for multipoint locks – groove 13.5/18 mm	X										1
07701000	**STRIKER KIT FOR DOOR PROFILES** for multipoint locks	X										1
07702000	**STRIKER KIT FOR PROFILES WITH GROOVE 15/20 mm** for multipoint locks - air from 12 to 15 mm	X										1
07703000	**STRIKER KIT FOR R40 AND R50 PROFILES** for multipoint locks	X										1
07704000	**STRIKER KIT FOR PROFILES WITH GROOVE 15/20 mm** for multipoint locks - air > 15 mm	X										1
07705000	**STRIKER KIT FOR UNIVERSAL FLAT PROFILE** for multipoint locks	X										1
DOUBLE EUROPROFILE CYLINDERS FOR GS AP100												
07680000	**CENTRAL DOUBLE SYMETRIC CYLINDER** L = 62 (31 - 31) mm	X										10
07681000	**DOUBLE ASYMETRIC CYLINDER** L = 64 (37 - 27) mm	X										10
07682000	**CENTRAL DOUBLE SYMETRIC CYLINDER** L = 70 (35 - 35) mm	X										10
07683000	**DOUBLE ASYMETRIC CYLINDER** L = 72 (41 - 31) mm	X										10
07684000	**CENTRAL DOUBLE SYMETRIC CYLINDER** L = 82 (41 - 41) mm	X										10
07685000	**DOUBLE ASYMETRIC CYLINDER** L = 82 (51 - 31) mm	X										10
07687000	**DOUBLE ASYMETRIC CYLINDER** L = 92 (61 - 31) mm	X										10
07688000	**CENTRAL DOUBLE SYMETRIC CYLINDER** L = 92 (41 - 51) mm	X										10
07689000	**DOUBLE ASYMETRIC CYLINDER** L = 122 (91 - 31) mm	X										10

The three dots indicated in the codes of the products substitute, on this page, the three numbers of the finishing that may be ordered.
For the Giesse finishing code, please refer to the "How to order" section on page 27

Code	Description	Base/ Raw	Anodised/ Elox		Painted		Trend/ Gold/ Brass		Special finishes	To order	Pieces x pack.
			ST.5	SP.20	ST.5	SP.20	ST.5	ST.5	SP.20			
EXTERNAL CONTROL FOR GS AP001 AND GS AP002												
07320...	**OUTSIDE ACCESS DEVICE - HANDLE WITH KEY**				X							1
07321...	**OUTSIDE ACCESS DEVICE - HANDLE W/OUT CYLINDER**				X							1
07322...	**OUTSIDE ACCESS DEVICE – KNOB WITH KEY**				X							1
07323...	**OUTSIDE ACCESS DEVICE – KNOB W/OUT CYLINDER**				X							1
07686000	**CYLINDER FOR EXTERNAL CONTROL** L = 41 (31 - 10) mm	X										1
LATCH STRIKERS FOR GS AP001 AND GS AP002												
07472000	**LATCH STRIKER**	X										10
07471000	**FLOOR LATCH STRIKER**	X										10
07470000	**LATCH STRIKER VERS. FIRE DOORS**	X										10
07473000	**LATERAL STRIKER FOR PVC**	X										10

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