



**for PROJECTS**





## for PROJECTS

**Icsa** was founded in 1978 as a sub-supplier to primary Italian companies working in the field of security locks. In 1982 the company was transferred to a new site and started the direct sale of its own products.

In 1997 ICSA has opened its new building (6000 mq.) that includes the full operations, this new structure grant to the customers an always better and complete service.

Since 2001 has been founded ICSA Eurest, a production site for the East European countries with sit in Hungary, which became in 2003 ICSA Hungaria Kft.

During 2006 has been opened the new branch, ICSA ESPANA S.L., which will enable ICSA Serrature to start his entrance in the European Market.

The study and analysis of products, workmanship, assembly, testing, packaging and shipment form a complete cycle and are executed by means of advanced technology and modern working systems.





## MEYDAN PROJECT - DUBAI



Meydan Heights Villas is a premium development comprised of 528 units of town houses, community facilities, retail and kid's zone park areas with a total gross floor area of 1,531,543 square feet on approximately 30 hectares in Nad Al Shiba, Dubai.

The development is being built in two distinct phases – the first being 306 units and second being 222 units. The project is designed to have internal roads and roundabouts where access to each unit is direct from internal roads. The Community Club, Retail and Kid's zone park areas are developed in parallel to support the development

## GATE TOWERS - ABU DHABI



As an integral part of the landmark Shams Abu Dhabi development on Al Reem Island, the Gate Towers add an eye-catching element to Abu Dhabi's new skyline completing the Shams Gate district.

Offering 3,533 residential units, the Gate Towers are an award-winning mixed-use development comprising four towers and The Arc, as well as a retail and leisure podium. The Gate Towers and the Arc are due for completion at the end of 2012.



## OYAYNAH HOUSING PROJECTS SAUDI ARABIA



### LOCATION

Oyayna, Riyadh

### SIZE

147,456 (512 Villa  
& 2 Mosque)

### CLIENT

Ministry of Housing

### SCOPE

Turnkey

### BUSINESS UNIT

Heavy Construction

## QATAR EMBASSY- BEIRUT, LEBANON



**Employer:** Ministry of Foreign Affairs, Qatar


**Architect:** Arab Engineering Bureau

**Consultant:** MA Consulting Group

**Contractor:** Tabet Enterprises

**Project Info:** Technal Cobalt PTS/ Cobalt slider/  
Cobalt MX FB5-FB6 bullet proof  
profile series/ bullet proof BR4/ BR7  
level glass Specially designed Cobalt  
MX bullet proof Skylights BR7 level  
glass for Prince Penthouse

# CERTIFICATES CYLINDER - LOCKS



**ISTITUTO GIORDANO**

**ISTITUTO GIORDANO**

**Istituto Giordano S.p.A.**  
Via Rosini, 2 - 47814 Bellaria-Igea Marina (RN) - Italy  
Tel. +39 0541 34200 - Fax +39 0541 34540  
istitutogiordano@giordano.it - www.giordano.it  
Cod. Fisc./Piva 00 549 540 409 - Cap. Soc. € 1.200.000 i.v.  
R.E.A. n. 47814/00001 (RN) 128766  
Registro Imprese di Rimini n. 00 549 540 409  
Organismo Europeo notificato n. 0407  
Accreditamenti: SINCERT (027A e 062B) - 517 (20)

**RAPPORTO DI PROVA N. 279691**

**Luogo e data di emissione:** Bellaria-Igea Marina - Italia, 03/03/2011

**Committente:** ICSA SERRATURE S.r.l. - Via Segheria, 8/F - 25062 CONCESIO (BS) - Italia

**Data della richiesta della prova:** 17/02/2011

**Numero e data della commessa:** 53442, 24/02/2011

**Data del ricevimento del campione:** 18/02/2011

**Data dell'esecuzione della prova:** 22/02/2011

**Oggetto della prova:** resistenza all'estrazione del barilotto secondo la norma UNI EN 12209:2004


**Luogo della prova:** Istituto Giordano S.p.A. - Blocco 4 - Via San Mauro, 8 - 47814 Bellaria-Igea Marina (RN) - Italia

**Provenienza del campione:** campionato e fornito dal Committente

**Identificazione del campione in accettazione:** n. 2011.0337

**Denominazione del campione\*:**

Il campione sottoposto a prova è denominato "ART. 122".



**CLASSIFICAZIONE:**

Il presente rapporto di prova è stato redatto in conformità con le norme tecniche di riferimento indicate in allegato e con le norme tecniche di riferimento indicate in allegato.

Il presente rapporto di prova è composto da n. 4 fogli e n. 1 allegato.

Foglio n. 1 di 4

segue - Foglio n. 3 di 4

(Rapporto di prova n. 279691 del 03/03/2011)

**ISTITUTO GIORDANO**


**Riferimenti normativi.**

La prova è stata eseguita secondo le prescrizioni della norma UNI EN 12209:2005 del 01/05/2005 "Accessori per serramenti - Serrature e chiavistelli - Serrature azionate meccanicamente, chiavistelli e piani di bloccaggio - Requisiti e metodi di prova", con relativo errata corrige EN 12209:2003/AC del dicembre 2005.

**Apparecchiatura di prova.**

Per l'esecuzione della prova è stata utilizzata la seguente apparecchiatura:

- dinamometro elettronico modello "IG 100000" della ditta Istituto Giordano S.p.A., intervallo di 0,05 - 300 mm/min (codice di identificazione interno FT193);
- cella di carico modello "FCB T30" della ditta AEP, fondo scala 100 kN (codice di identificazione FT193).



**Modalità della prova.**

La prova è stata eseguita secondo le prescrizioni della norma UNI EN 12209, in particolare:

- resistenza del catenaccio ad un carico laterale (paragrafo 6.8.2.3).

**Condizioni ambientali al momento della prova.**

Temperatura ambiente	23 ± 2 °C
Umidità relativa	50 ± 5 %


**ALLEGATO "A"**  
**AL RAPPORTO DI PROVA N. 279691**

**Luogo e data di emissione:** Bellaria-Igea Marina - Italia, 03/03/2011

**Committente:** ICSA SERRATURE S.r.l. - Via Segheria, 8/F - 25062 CONCESIO (BS) - Italia

**Oggetto:** scheda tecnica del campione

Di seguito è riportata la scheda tecnica del campione, come fornita dal Committente, per un totale di n. 1 foglio.



**Il Responsabile**  
(Dott. Ing. Paolo Rossi)

**Il Responsabile del Laboratorio di Analisi**  
(Geom. Roberto Porta)

**L'Amministratore Delegato**  
Esperto Tecnico Esperto

Il presente allegato è composto da n. 2 fogli.


Foglio n. 1 di 2

CERTIFICATES PANIC DEVICES

Exovo Warrington  
 Testing, Advising, Assuring.

Titolo:  
 Indicative fire test

WF Report No:  
 353736



Prepared for:  
 Antipanic SRL  
 Via Paolo,  
 Fabiani in IIA,  
 40013 Castel Maggiore,  
 Italy.

Date: 2014

Registered Office: Exovo S.p.A., Luchetti Industrial Estate, Newbridge, Midlothian EH26 9PL, United Kingdom. Reg. No. SC 2549

ICIM ATTESTATO DI CONFORMITÀ  
 DIRETTIVA 89/106/CEE  
 CERTIFICATE OF CONFORMITY  
 DIRETTIVA 89/106/CEE

Questo certificato è rilasciato in conformità a quanto prescritto dall'Art.6 par.2 lettera b) del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE) ed attesta la conformità del prodotto di seguito identificato agli Art.1, Art.2 ed allegato A del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE).  
 This certificate has been issued in conformity to what prescribed by the Art.6 par.2 letter b) of the DPR 21/04/1993, n°246 (Directive 89/106/CEE) and certifies the conformity of the product described below to the Art.1, Art.2 and attachment A of DPR 21/04/1993, n°246 (Directive 89/106/CEE).

ATTESTATO N°	807 - CPD - 2005	CERTIFICATE N°
Organismo notificato	ICIM S.p.A. - Piazza Don E. Mapelli, 75 - 20099 Sesto San Giovanni (ITALY)	Notified Body
Dati Fabricante	Sede legale: ANTIPANIC S.r.l. Via Marconi, 126 - Casalecchio di Reno (BO) Unità operativa:	Manufacturer Head office Operative unit
Dati prodotto	Tipologia: DISPOSITIVI ANTIPANICO PER USCITE DI SICUREZZA AZIONATI MEDIANTE UNA BARRA ORIZZONTALE Denominazione: Serie: "MODULO DUE" Codici: 2007/0, 2008/0, 401, 402, 403, 401x, 402x, 403x/2007/0MC1, 2007/0MC2, 2007/0MC1+2, 2008/0MC1, 2008/0MC2, 2008/0MC1+2, 401/0MC1, 401/0MC2, 401/0MC1+2, 401/0MC1, 401/0MC2, 401/0MC1+2, 402/0MC1, 402/0MC2, 402/0MC1+2, 403/0MC1, 403/0MC2, 403/0MC1+2, 403/0MC1, 403/0MC2, 403/0MC1+2 Accessori: 1100/1x, 450, 455, 450x, 455x	Product Type Denomination
Sistema di attestazione della conformità	1	Attestation of conformity
Norma di riferimento	EN 1125:2008	Standard
Classificazione	3   7   B   1   4   2   2   A   A	Classification
Eventuali estensioni	Nessuna / None	Extensions
Eventuali condizioni di subordinazione della Certificazione CE	Nessuna / None	Possible conditions of subordination of the CE Certification

Il presente attestato è valido esclusivamente per il prodotto indicato. Eventuali varianti da apportare devono essere approvate da ICIM S.p.A.  
 The present issue is valid only for the product described above. Possible changes to be brought in have to be approved by ICIM S.p.A.

Data di emissione: 28/07/2005  
 Emissione corrente: 01/03/2010  
 Data di scadenza: 27/07/2015

Ing. Tullio Baido  
 ICIM S.p.A.  
 Il Presidente

ISTITUTO GIORDANO

RAPPORTO DI PROVA N. 21

Luogo e data di emissione: Bellaria-Igea Marina, 02/05/2006  
 Committente: ANTIPANIC S.r.l. - Via Boaria, 5 - 40065 PIA

Data della richiesta della prova: 28/02/2006  
 Numero e data della commessa: 31894, 01/03/2006  
 Data dell'esecuzione della prova: dal 29/03/2006 al 03/04/2006

Oggetto della prova: Comportamento al fuoco di porta con cerniere secondo la norma UNI EN 1634-1:2001 d

Luogo della prova: Istituto Giordano S.p.A. - Biccoco 7 - Via (FC).

Provenienza del campione: fornito dal Committente.

Generalità:  
 Presso il forno sperimentale del Laboratorio di Resistenza al Fuoco è seguita una prova secondo le prescrizioni della norma UNI EN 1634-1:2001 su un'anta battente metallica con applicato dispositivo antipatico serie "MODULO DUE" della ditta Antipanic S.r.l. - Via Boaria, 5 - 40065 Pianoro (BO).  
 Il campione è stato montato su costruzione di supporto tradizionale sentita dalla ditta Antipanic S.r.l. - Via Boaria, 5 - 40065 Pianoro (BO).

Il presente rapporto di prova è composto da n. 31 fogli.

ISTITUTO GIORDANO

RAPPORTO DI PROVA N. 290046

Luogo e data di emissione: Bellaria-Igea Marina - Italia, 30/12/2011  
 Committente: ANTIPANIC S.r.l. - Via Nazionale, 55/11 - 40067 RASTIGNANO (BO) - Italia

Data della richiesta  
 Numero e data della  
 Data del ricevimento  
 Data dell'esecuzione  
 Oggetto della prova

Luogo della prova:  
 Provenienza del campione:  
 Identificazione del campione

Generalità:  
 Presso il forno sperimentale del Laboratorio di Resistenza al Fuoco è seguita una prova su una porta tagliafuoco "122x", "1021", "101" to, nonché accessori ai

Il presente rapporto di prova è composto da n. 31 fogli.

ISTITUTO GIORDANO

RAPPORTO DI PROVA N. 210585

Luogo e data di emissione: Bellaria, 02/05/2006  
 Committente: ANTIPANIC S.r.l. - Via Boaria, 5 - 40065 PIANORO (BO)

Data della richiesta della prova: 28/02/2006  
 Numero e data della commessa: 31894, 01/03/2006  
 Data dell'esecuzione della prova: dal 29/03/2006 al 03/04/2006

Oggetto della prova: Comportamento al fuoco di porta con dispositivo antipatico secondo la norma UNI EN 1634-1:2001 del 31/10/2001.

Luogo della prova: Istituto Giordano S.p.A. - Biccoco 7 - Via Verga, 6 - 47030 Gattuso (FC).

Provenienza del campione: fornito dal Committente.

Generalità:  
 Presso il forno sperimentale del Laboratorio di Resistenza al Fuoco di questo Istituto è stata eseguita una prova secondo le prescrizioni della norma UNI EN 1634-1:2001 su una porta di un'anta battente metallica con applicato dispositivo antipatico serie "MODULO DUE" prodotto dalla ditta Antipanic S.r.l. - Via Boaria, 5 - 40065 Pianoro (BO).  
 Il campione è stato montato su costruzione di supporto tradizionale in muratura ed è stato presentato dalla ditta Antipanic S.r.l. - Via Boaria, 5 - 40065 Pianoro (BO).

Il presente rapporto di prova è composto da n. 31 fogli.

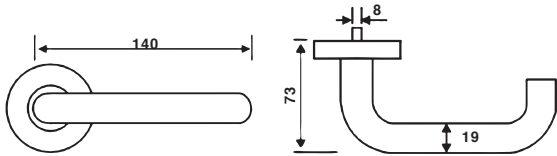




## ART. F101/236



- 19mm diameter
- Tube Lever handle:L135\*H60mm
- SUS304 material in satin finish
- Back to back fixing,With Escutcheon, Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws&4 wooden screws & 1 hex key



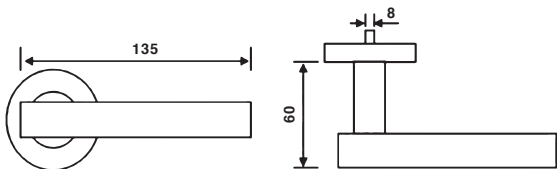
Standards and certification:

Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1. NOTE: The clasification shown is for the sprung version.

## ART. F900/236



- 19mm diameter
- Tube Lever handle(Hollow) L135\*H60mm
- SUS304 material in satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws&4 wooden screws & 1 hex key



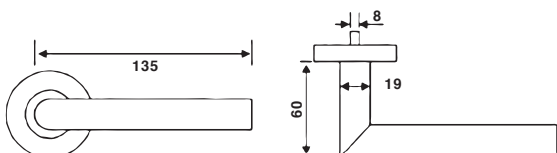
Standards and certification:

Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1. NOTE: The clasification shown is for the sprung version.

## ART. F200/236



- 19mm diameter
- Tube Lever handle(Hollow) L135\*H60mm
- SUS304 material in satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws&4 wooden screws & 1 hex key



Standards and certification:

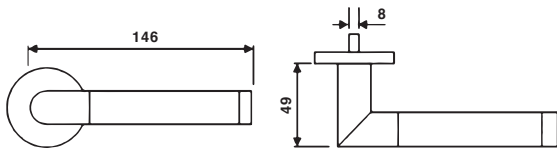
Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1. NOTE: The clasification shown is for the sprung version.



**ART. F200A/236**



- 19mm diameter
- Tube Lever handle(Hollow) L135\*H60mm
- SUS304 material in Polish+Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws&4 wooden screws & 1 hex key

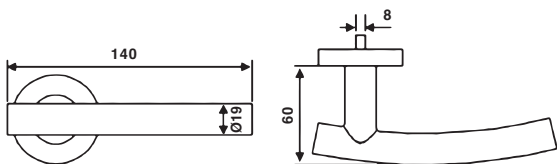


Standards and certification:  
 Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1.  
 NOTE: The clasification shown is for the sprung version.

**ART. F005/236**



- 19mm diameter
- Tube Lever handle(Hollow) L135\*H60mm
- SUS304 material in Satin finish With Escutcheon
- Aluminum Bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws&4 wooden screws & 1 hex key

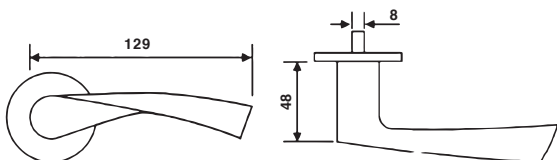


Standards and certification:  
 Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1.  
 NOTE: The clasification shown is for the sprung version.

**ART. F200H/236**



- Solid Lever handle inSUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws&4 wooden screws & 1 hex key



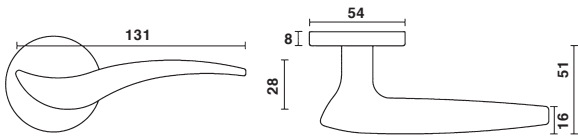
Standards and certification:  
 Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1.  
 NOTE: The clasification shown is for the sprung version.



## ART. F300/236



- Solid Lever handle in SUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws & 4 wooden screws & 1 hex key



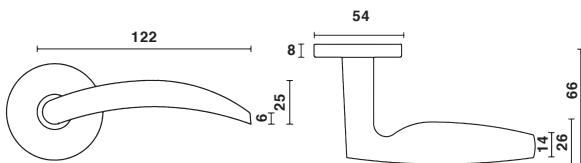
Standards and certification:

Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1. NOTE: The clasification shown is for the sprung version.

## ART. F700/236



- Solid Lever handle in SUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws & 4 wooden screws & 1 hex key



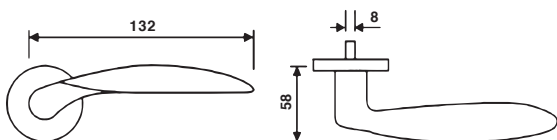
Standards and certification:

Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1. NOTE: The clasification shown is for the sprung version.

## ART. F620/236



- Solid Lever handle in SUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws & 4 wooden screws & 1 hex key



Standards and certification:

Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1. NOTE: The clasification shown is for the sprung version.

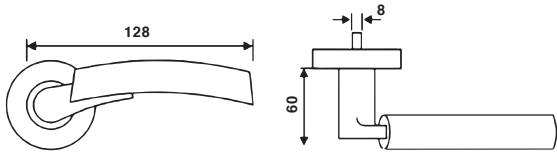




**ART. F710/236**

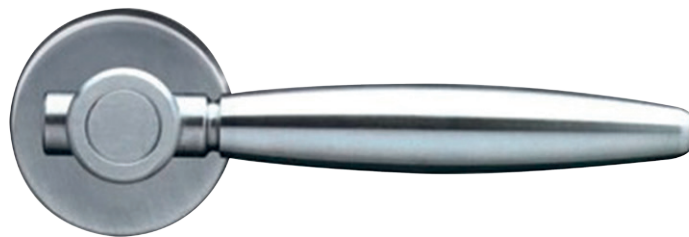


- Solid Lever handle in SUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws & 4 wooden screws & 1 hex key

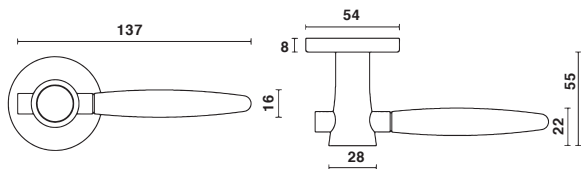


Standards and certification:  
 Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1.  
 NOTE: The clasification shown is for the sprung version.

**ART. F720/236**



- Solid Lever handle in SUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws & 4 wooden screws & 1 hex key

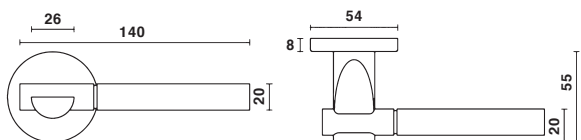


Standards and certification:  
 Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1.  
 NOTE: The clasification shown is for the sprung version.

**ART. F810H/236**



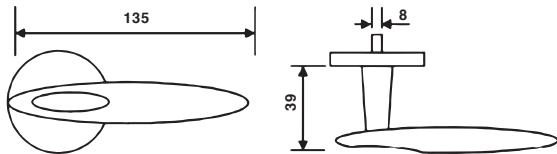
- Lever handle in SUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws & 4 wooden screws & 1 hex key



Standards and certification:  
 Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1.  
 NOTE: The clasification shown is for the sprung version.



## ART. F020/236

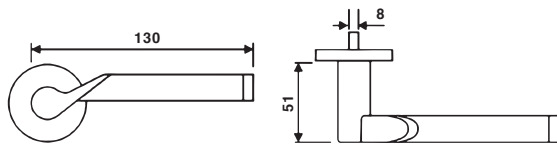


- Solid Lever handle in SUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws & 4 wooden screws & 1 hex key

Standards and certification:

Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1. NOTE: The classification shown is for the sprung version.

## ART. F021/236

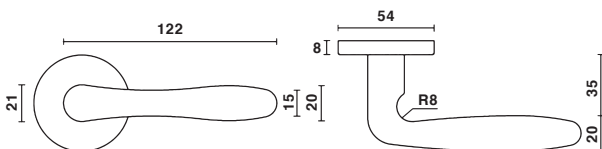


- Solid Lever handle in SUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws & 4 wooden screws & 1 hex key

Standards and certification:

Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1. NOTE: The classification shown is for the sprung version.

## ART. F022/236



- Solid Lever handle in SUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws & 4 wooden screws & 1 hex key

Standards and certification:

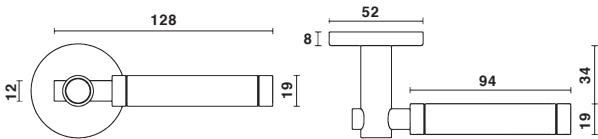
Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1. NOTE: The classification shown is for the sprung version.



**ART. F023/236**



- Lever handle in SUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws&4 wooden screws & 1 hex key

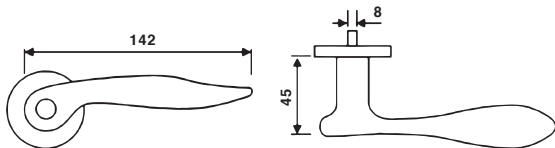


Standards and certification:  
 Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1.  
 NOTE: The clasification shown is for the sprung version.

**ART. F520/236**



- Solid Lever handle inSUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws&4 wooden screws & 1 hex key

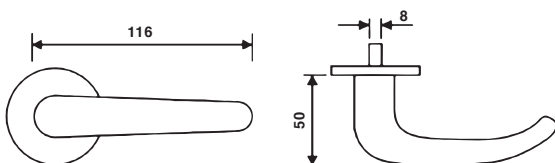


Standards and certification:  
 Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1.  
 NOTE: The clasification shown is for the sprung version.

**ART. F400/236**



- Solid Lever handle inSUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws&4 wooden screws & 1 hex



Standards and certification:  
 Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1.  
 NOTE: The clasification shown is for the sprung version.

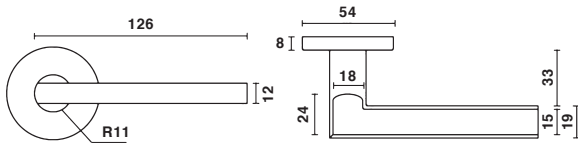




### ART. F320/236



- Lever handle in SUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws&4 wooden screws & 1 hex key Hollow Solid

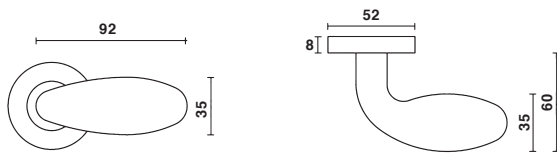


Standards and certification:  
Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1.  
NOTE: The clasification shown is for the sprung version.

### ART. F030/236



- Lever handle in SUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws&4 wooden screws & 1 hex key Hollow Solid

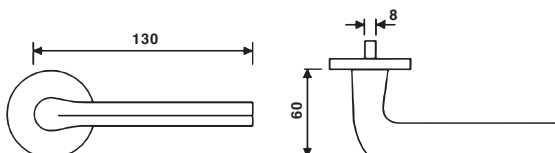


Standards and certification:  
Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1.  
NOTE: The clasification shown is for the sprung version.

### ART. F110/236



- Solid Lever handle in SUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws&4 wooden screws & 1 hex key



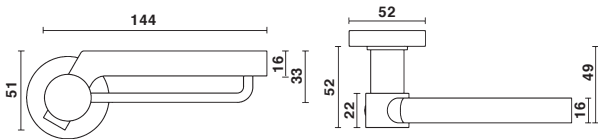
Standards and certification:  
Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1.  
NOTE: The clasification shown is for the sprung version.



**ART. F111/236**



- Solid Lever handle in SUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws & 4 wooden screws & 1 hex key

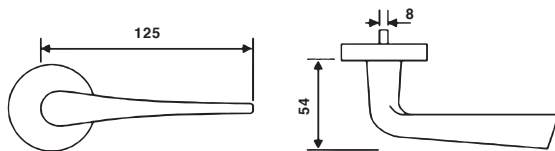


Standards and certification:  
 Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1.  
 NOTE: The clasification shown is for the sprung version.

**ART. F220/236**



- Lever handle in SUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws & 4 wooden screws & 1 hex key Solid

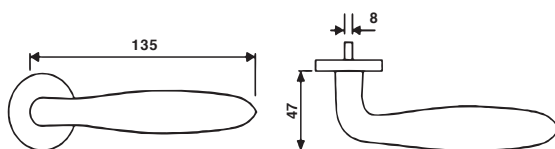


Standards and certification:  
 Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1.  
 NOTE: The clasification shown is for the sprung version.

**ART. F420/236**



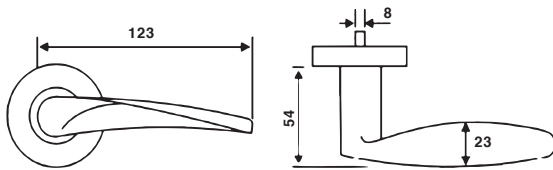
- Lever handle in SUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws & 4 wooden screws & 1 hex key Hollow Solid



Standards and certification:  
 Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1.  
 NOTE: The clasification shown is for the sprung version.



## ART. F100/236

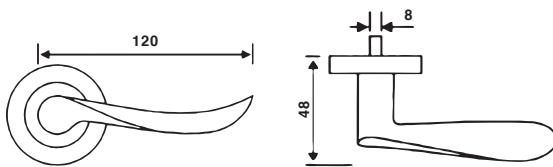


- Solid Lever handle in SUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws&4 wooden screws & 1 hex key

Standards and certification:

Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1. NOTE: The clasification shown is for the sprung version.

## ART. F600/236

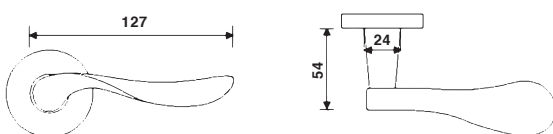


- Solid Lever handle in SUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws&4 wooden screws & 1 hex key

Standards and certification:

Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1. NOTE: The clasification shown is for the sprung version.

## ART. F210/236



- Solid Lever handle in SUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws&4 wooden screws & 1 hex key

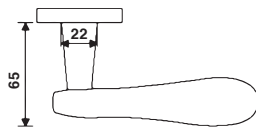
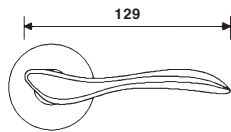
Standards and certification:

Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1. NOTE: The clasification shown is for the sprung version.



**ART. F410/236**

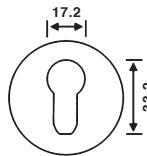
- Solid Lever handle in SUS304 material
- Satin finish With Escutcheon
- Brass bush Spindle 8\*8\*100mm steel in zinc plate Fittings : 4 hex screws & 4 wooden screws & 1 hex key



Standards and certification:

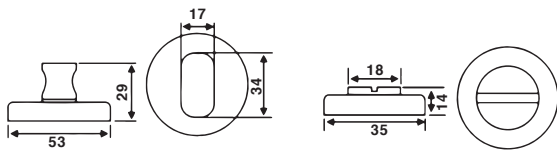
Quality & Performance: Produced in accordance with all the requirements of BS EN1906: 2002 Grade 3 and EN1634-1.  
NOTE: The classification shown is for the sprung version.

### accessories ART. A1



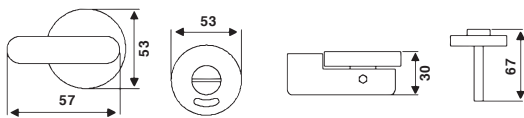
- SUS304 material in Satin Finish
- Steel base in zinc plate , Dia 51\*9mm
- Fittings 2 hex screws

### accessories ART. A2



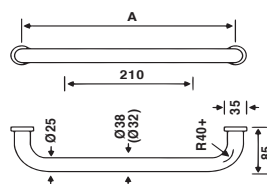
- Thumb Turn with Indicator knob
- SUS304 material in satin finish
- Casting knob with green and red signature

### accessories ART. A3



- Thumb Turn with Indicator knob
- SUS304 material in satin finish
- Casting knob with green and red signature

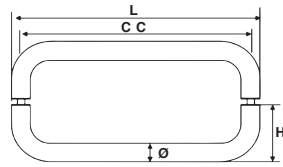
### pull handle ART. P7



Φ (mm)	A (mm)	H
φ 25+ φ 38	350-2000	65
φ 25+ φ 32	350-2000	75

- Pull handles with Brass bush
- Diameter: 19mm
- Center to Center: 225mm
- Material: SUS304, Satin Finish
- Passing through fixing

**pull handle ART. P1**



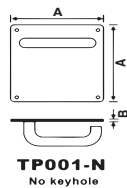
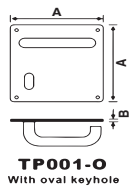
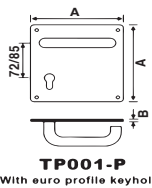
Ø (mm)	L (mm)	C/C (mm)
19	200-2000	Based on Project
22	200-2000	
25	200-2000	
32	200-2000	
38	200-2000	

- Pull handles with Brass bush
- Diameter: 32mm
- C to C:1200mm
- Length: 1600mm
- Material: SUS304, Satin Finish
- Height: 80mm
- Back to back fixing
- Other dimensions on request

**accessories ART. H1**

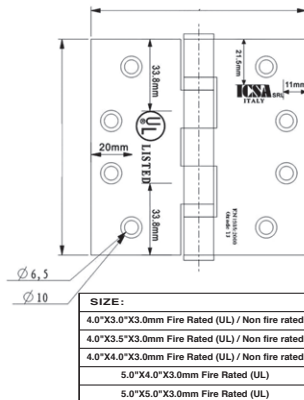


A	150	170	175	180
B	2mm			



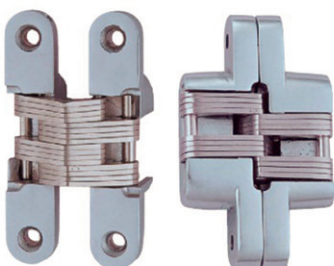
- Plate size:170\*170
- Tube Handle with plate
- Lever Tube Diameter: 22mm
- Lever handle:L145\*H60 mm
- Measurement: 72mm Centre to centre
- Satin Stainless Steel(SSS)Finish
- **SUS 304 Material, 2.0mm Plate thickness**
- **SUS 201 Material, 2.0mm Plate thickness**

**HINGE ART. 970**



- 2 Ball Bearing Butt Hinge
- Satin Finish, Fix Pin
- Match With 16 pcs wooden screws
- Diameter of knuckle 14.2mm
- 200,000 cycles tested on 120kg door mass according to **EN1935: 2002**
- **3 hours fire-rated Certified by UL**
- **SS Hinge in full AISI304 including pin, ball bearing, tip, Screw**

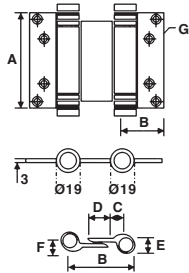
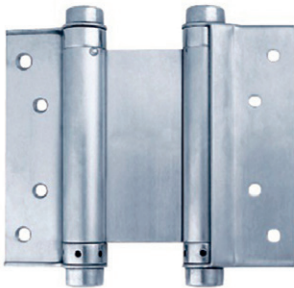
**HINGE ART. 972**



- Zinc Alloy Body
- Stainless Steel Connecting Strips
- Satin Nickle Plated Finish
- Match with Screws
- **Size:19x95mm**
- **Size:25x117mm**

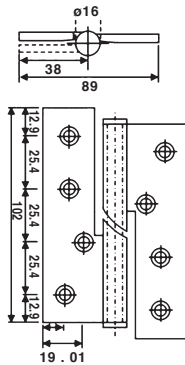
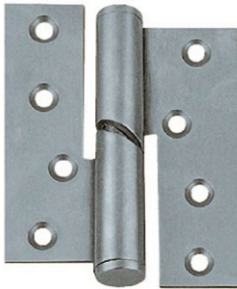


### HINGE ART. 973



- 5' Double Action spring hinge made in SUS304
- Satin Stainless Steel Finish
- Match With screws
- For doors max 27kg

### HINGE ART. 974



- **4.0"X3.0"X3.0mm**
- **Falling Hinge**, Satin Finish
- Match With 16 pcs wooden screws
- Diameter of knuckle 14.2mm
- 200,000 cycles tested on 120kg door mass according to **EN1935: 2002**
- **3 hours fire-rated (UL)**

### accessories ART. PP5



- Size: H300\* W100\*T1.5mm  
Stainless Steel 304  
Square type Push indication
- Size: H400\*W100\*T1.5mm  
Stainless Steel 304  
Square type Push indication

### accessories ART. R17



- Round type sign Plate
- Stainless Steel 304
- Size: W80\*H80\*T1.5mm  
**ANY SIGN AVAILABLE**

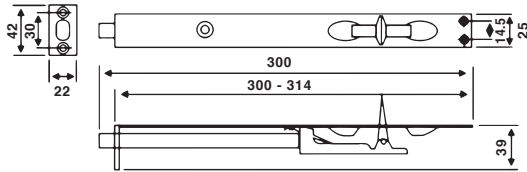
ITEM	Men's washroom
TYPE	Circle type sign plate
SIZE	ø 76x1.5mm

ITEM	Ladies' washroom
TYPE	Circle type sign plate
SIZE	ø 76x1.5mm

**flush bolt ART. FB6**



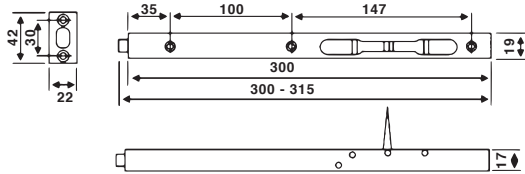
- Stainless Steel Flush Bolt
- Width:25mm
- Satin finish
- Match with screws
- Suitable for wooden door: 8' - 10' - 12'



**flush bolt ART. FB8**



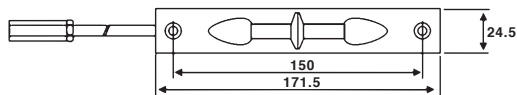
- Stainless Steel Flush Bolt
- Width:19mm
- Satin finish
- Match with screws
- Suitable for wooden door: 8' - 10' - 12'



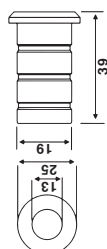
**flush bolt ART. FB11**



- Stainless Steel Flush Bolt
- Width:25mm
- Satin finish
- Match with screws
- Suitable for metal door: 8' - 10' - 12'



**accessories ART. DPS2**

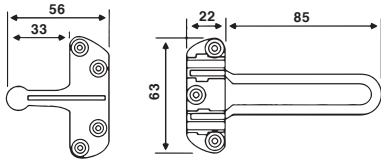


- Dust Proof socket
- Material: Stainless Steel
- Satin Finish

### door guard ART. DSG1



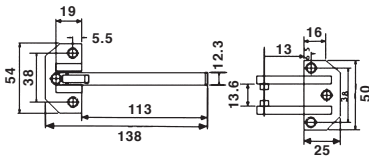
- Security Door Guard
- Size: 108x63mm
- ZINC ALLOY
- STAINLESS STEEL



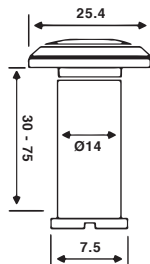
### door guard ART. SDG



- Security Door Guard
- Size: 138x50mm
- Material: Zinc Alloy
- Finish: Satin Nickel

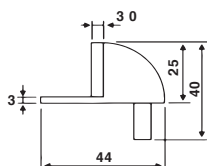


### door viewer ART. DV



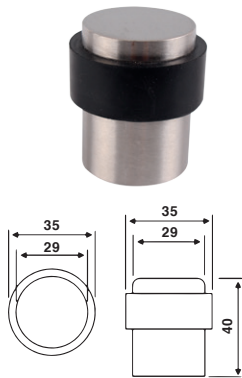
- Size: 30x16mm
- Door view 200 degree brass with cover, satin chrome finish, suitable for door thickness 40-60mm
- Lens Material: Glass
- Body Material: Brass

### door stopper ART. DCS267



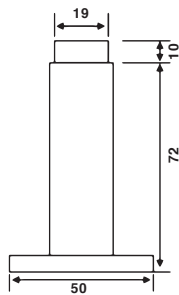
- Floor door stopper
- With black rubber
- Satin Finish
- Available material: S.STEEL AISI 304
- Aluminium Satin nickel plated

**door stopper ART. FDS10**



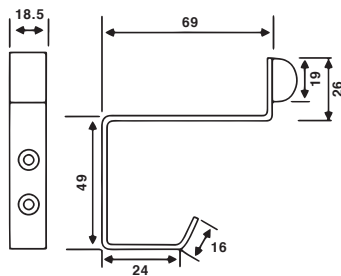
- 29\*40mm
- Stainless Steel 304
- Floor door stopper,with black rubber
- Satin Finish
- STAINLESS STEEL AISI 304

**door stopper ART. WDS16**



- Wall mounted type door stopper
- 19 mm diameter
- 85 mm Height
- SUS304 Rose Dia 53\*9mm
- Stainless Steel base
- Stainless Steel aisi 304

**door stopper ART. WDS24**



- Door stopper with black rubber
- Wall mounted type
- Satin Finish
- Stainless Steel 304





## ART. 116 FIRE RATED LOCKS



**Technical features:**

- Zinc plated CLOSED BODY steel case and cover
- Stainless steel AISI 304 faceplate and striker (fin. 04)
- Reversible nickel plated steel latch
- Double-throw nickel plated steel dead-bolt

**Supplied as standard:**

- Striker (art. 17)
- Fixing screws for lock & striker
- White plastic for strike plate (art. 18)

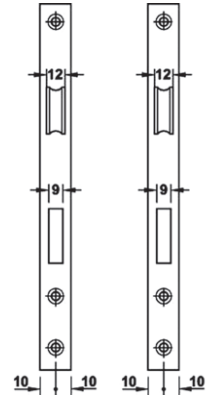
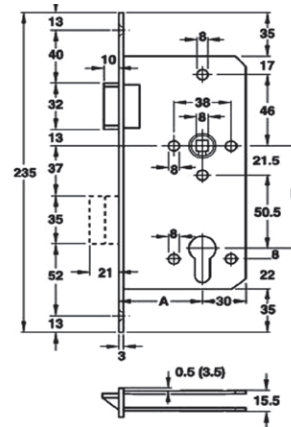
**Finishes:**

**ON REQUEST:**

- Polished brass front and strike plate (fin. OLV) Min. 500 pz.

**On request:**

- Escutcheons (art. 54)



## ART. 116/1 - 116/2 FIRE RATED LOCKS



**Technical features:**

- Zinc plated CLOSED BODY steel case and cover
- Stainless steel AISI 304 faceplate and striker (fin. 04)
- Reversible nickel plated steel latch
- Double-throw nickel plated steel dead-bolt

**Supplied as standard:**

- Striker (art. 17)
- Fixing screws for lock & striker
- White plastic for strike plate (art. 18)

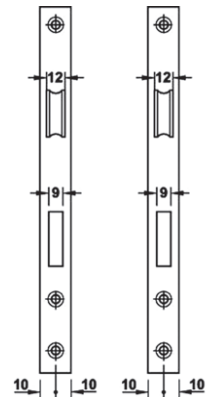
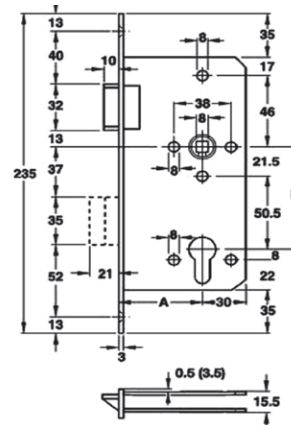
**Finishes:**

**ON REQUEST:**

- Polished brass front and strike plate (fin. OLV) Min. 500 pz.

**On request:**

- Escutcheons (art. 54)



## ART. F116/3 FIRE RATED LOCKS



**Technical features:**

- Zinc plated CLOSED BODY steel case and cover
- Stainless steel AISI 304 faceplate and striker (fin. 04)
- Reversible nickel plated steel latch
- Double-throw nickel plated steel dead-bolt

**Supplied as standard:**

- Striker (art. 17)
- Fixing screws for lock & striker
- White plastic for strike plate (art. 18)

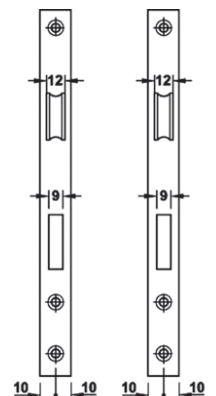
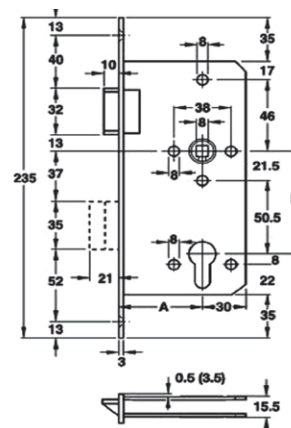
**Finishes:**

**ON REQUEST:**

- Polished brass front and strike plate (fin. OLV) Min. 500 pz.

**On request:**

- Escutcheons (art. 54)



**ART. 115 ELITE LINE**



**Technical features:**

- Painted CLOSED BODY steel case and cover
- Brass faceplate and striker (fin. 01)
- Reversible brass latch
- Double-throw brass dead-bolt

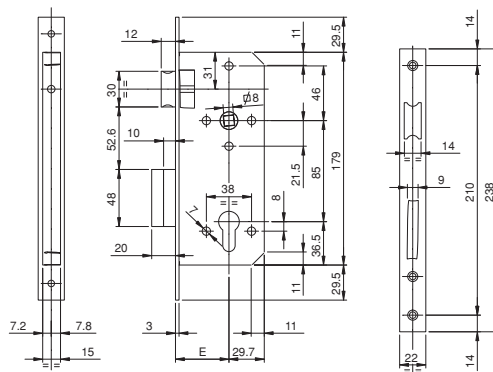
**Supplied as standard:**

- Striker (art. 1)
- Fixing screws for lock & striker

**Finishes:**

**ON REQUEST:**

- Polished brass (fin. OLV) Min. 500 pz.
- Satin brass (fin. OSV) Min. 500 pz.
- Shining chrome (fin. OC) Min. 500 pz.
- Satin nickel (fin. OSNV) Min. 500 pz.
- Antic bronze (fin. AB) Min. 500 pz.
- Shining gold (fin. ORO) Min. 500 pz.
- Stainless steel AISI 304 (fin. 04) Min. 500 pz. – latch and bolt in nickel plated brass



**ART. 150 EUROPEAN PROFILE CYLINDER**



**Technical features:**

- 5 pins key biting system (4 pins for short size)
- CYLINDER: brass body, brass plugs
- pins: - in brass
- drivers: - in brass,
- phosphor bronze springs
- self-lubricating sintered steel projecting cam, DIN compatible
- KEY: nickel-plated brass

**Supplied as standard:**

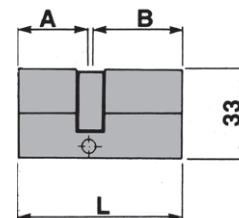
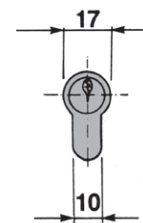
- 3 keys
- Fixing screw

**Finishes:**

- STANDARD: sanded brass (fin. 00)
- ON REQUEST: shining nickel plated brass (fin. 02) Min. 500 pcs. satin nickel plated brass (fin. 04)

**Standards:**

- Compliant with EN 1303:2005
  - Attack Resistance: grade 0
  - Key Related Security: grade 4
  - Durability: grade 6
- PG. 292/293 GENERAL CATALOGUE 2015



**ART. 167 - 168 EUROPEAN PROFILE CYLINDER WITH KNOB**



**Technical features:**

- Brass knob
- 5 pins key biting system (4 pins for short size)
- CYLINDER: brass body, brass plugs
- pins: - in brass
- drivers: - in brass,
- phosphor bronze springs
- self-lubricating sintered steel projecting cam, DIN compatible
- KEY: nickel-plated brass

**Supplied as standard:**

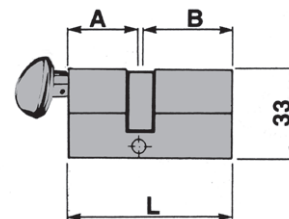
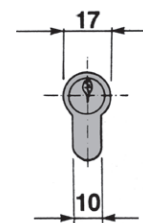
- 3 keys
- Fixing screw

**Finishes:**

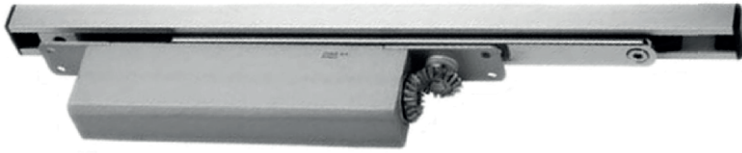
- STANDARD: sanded brass (fin. 00)
- ON REQUEST: shining nickel plated brass (fin. 02) Min. 500 pcs. satin nickel plated brass (fin. 04)

**Standards:**

- Compliant with EN 1303:2005
  - Attack Resistance: grade 0
  - Key Related Security: grade 4
  - Durability: grade 6
- PG. 292/293 GENERAL CATALOGUE 2015



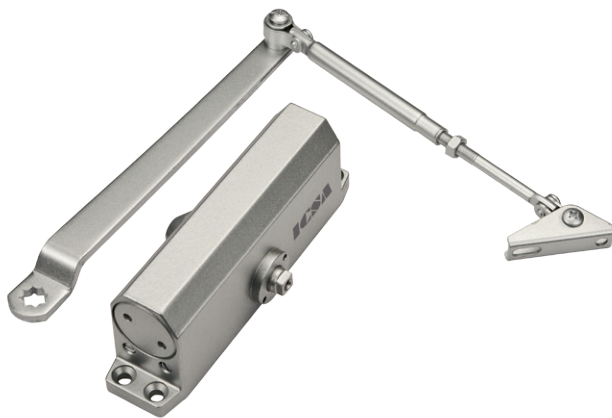
## ART. 690 CONCEALED DOOR CLOSER



**Supplied with:**  
 1 sliding arm with adjustable hold open  
 1 assembling key mm 5  
 8 fixing screws for wood  
 8 fixing screws for metal

Adjustable closing power Power regulation by springs	EN 2-3-4
Maximum door width	EN 2 mm 850 EN 3 mm 950 EN 4 mm 1100
Door weight	EN 2 Kg 25 ÷ 40 EN 3 Kg 40 ÷ 60 EN 4 Kg 60 ÷ 80
Non - Handed	DIN right DIN left
Adjustable closing and final latch speed by means of 2 independent valves	120° - 10° 10° - 0°
Arm	Sliding arm with adjustable hold open
Standard finishes	NA enamelled silver NE enamelled black
Other finishes	On demand
Dimensions	Length mm 210 Width mm 32 Height mm 53
Packaging	Box in 1's
Weight (box included)	Kg 1,8

## ART. 601 - 610 DOOR CLOSERS



### Technical features:

- Zinc alloy single block body
- Steel arm
- Special steel spring in oil bath
- Independent adjustment valves with thermostatic device
- Overload (safety) valve
- Available solutions for doors till 150 KG. Doors dimension till 1500 mm.
- Hold open available on request (ART. 602) in the body.

### Operation:

- Force 2
- closing speed between 180° and 15° by adjusting the special valve
- end slam between 15° and 0° by adjusting the special valve

### Supplied as standard:

- fixing screws
- installation instruction

### Finishes:

- Silver (fin. 02)
- Dark bronze ral 8016 (fin. 03)
- White ral 9010 (fin. 06)
- Black matt (fin. 09)

### ON REQUEST:

- CHAMPAGNE (Fin. 05) Min. 500 pz.
- LIGHT BRONZE RAL 8004 (fin. 08) Min. 500 pz.
- Beige ral 1015 (fin. 05) Min. 500 pz.

## ART. 660 - 670 DOOR CLOSERS



### Technical features:

- **force 2/6**
- Aluminum alloy monoblock body
- Steel arm with or without adjustable stop
- Special steel spring in oil bath
- Adjustment valves with thermostatic device
- Opening brake

### Operation:

- Closing force
- Closing rate from 180° to 15°
- Power of end stroke from 15° to 0°
- Door stop position adjustment from 180° to 15° (series D1511)

### Supplied as standard:

- Fixing screws
- Template and installation instructions

### Finishes:

- Silver (fin. 02)
- Dark bronze ral 8016 (fin. 03)
- White ral 9010 (fin. 06)
- Black matt (fin. 09)

### ON REQUEST:

- CHAMPAGNE (Fin. 05) Min. 500 pz.
- LIGHT BRONZE RAL 8004 (fin. 08) Min. 500 pz.
- Beige ral 1015 (fin. 05) Min. 500 pz.

## ART. 680 DOOR CLOSER



Technical features:

- **force 2/4**
- Aluminum alloy monoblock body
- Steel arm with or without adjustable stop
- Special steel spring in oil bath
- Adjustment valves with thermostatic device
- Opening brake

Operation:

- Closing force
- Closing rate from 180° to 15°
- Power of end stroke from 15° to 0°
- Door stop position adjustment from 180° to 15° (series D1511)

Supplied as standard:

- Fixing screws
- Template and installation instructions

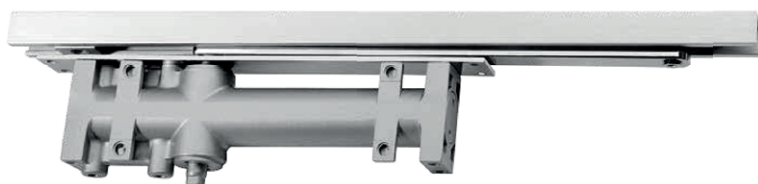
Finishes:

- Silver (fin. 02)
- Dark bronze ral 8016 (fin. 03)
- White ral 9010 (fin. 06)
- Black matt (fin. 09)

ON REQUEST:

- CHAMPAGNE (Fin. 05) Min. 500 pz.
- LIGHT BRONZE RAL 8004 (fin. 08) Min. 500 pz.
- Beige ral 1015 (fin. 05) Min. 500 pz.

## ART. 640 CONCEALED DOOR CLOSER



Supplied with:

- 1 sliding arm with adjustable hold open
- 1 assembling key mm 5
- 8 fixing screws for wood
- 8 fixing screws for metal

Power size	EN 2
Maximum door width	mm 850
Door weight	Kg 25 ÷ 45
Non - Handed	DIN right DIN left
Adjustable closing and final latch speed by means of 2 independent valves	120° - 10° 10° - 0°
Arm	Sliding arm with adjustable hold open
Standard finishes	NA enamelled silver NE enamelled black
Other finishes	On demand
Dimensions	Length mm 275 Width mm 32 Height mm 62
Packaging	Box in 1's
Weight (box included)	Kg 1,8

## ART. 650 CONCEALED DOOR CLOSER



Supplied with:

- 1 sliding arm with adjustable hold open
- 1 assembling key mm 5
- 8 fixing screws for wood
- 8 fixing screws for metal

Adjustable closing power Power regulation by springs	EN 2-3-4												
Maximum door width	EN 2 mm 850 EN 3 mm 950 EN 4 mm 1100												
Door weight	EN 2 Kg 25 ÷ 45 EN 3 Kg 45 ÷ 60 EN 4 Kg 60 ÷ 80												
Attention Only for 90° openin	EN 5 mm 1250 EN 5 Kg 80 ÷ 100												
Non - Handed	DIN right DIN left												
Adjustable closing and final latch speed by means of 2 independent valves	120° - 10° 10° - 0°												
Arm	Sliding arm												
Hold open	Adjustable Removable												
Standard finishes	NA enamelled silver NE enamelled black												
Dimensions	<table border="1"> <tr> <td>Body</td> <td>Length</td> <td>mm 255</td> </tr> <tr> <td>Plate</td> <td>Length</td> <td>mm 300</td> </tr> <tr> <td></td> <td>Width</td> <td>mm 37</td> </tr> <tr> <td></td> <td>Height</td> <td>mm 75</td> </tr> </table>	Body	Length	mm 255	Plate	Length	mm 300		Width	mm 37		Height	mm 75
Body	Length	mm 255											
Plate	Length	mm 300											
	Width	mm 37											
	Height	mm 75											
Packaging	Box in 1's												
Weight (box included)	Kg 2,2												





## ART. 401 PANIC DEVICE

(PG. 292/293 GENERAL CATALOGUE 2015)

PANIC DEVICE MECHANISM  
LOCKING POINT



## ART. 601 PANIC DEVICE

(PG. 292/293 GENERAL CATALOGUE 2015)

TOUCH BAR  
MECHANISM



## ART. 1090 PANIC DEVICE INOX

(PG. 292/293 GENERAL CATALOGUE 2015)

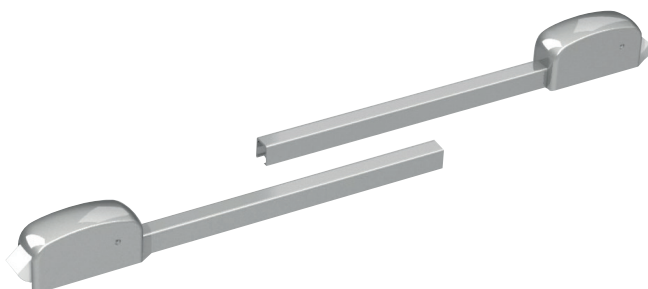
OUTSIDE ACCESS  
HANDLE + CYLINDER



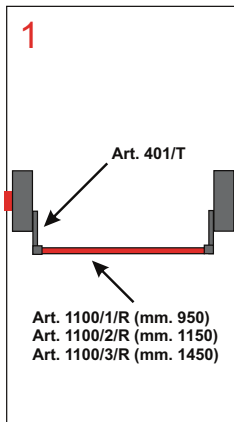
## ART. 450 PANIC DEVICE INOX

(PG. 292/293 GENERAL CATALOGUE 2015)

KIT LATCH AND RODS  
TOP/BOTTOM



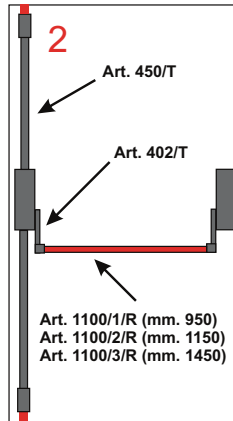
PANIC DEVICE



Cilindro e maniglia esterna Art. 1090



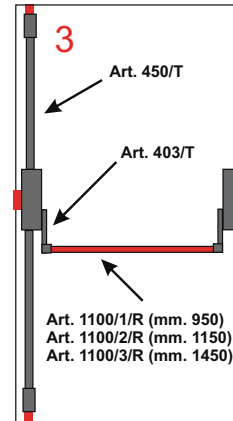
Cilindro e pomolo esterno Art. 1090P



Cilindro e maniglia esterna Art. 1090



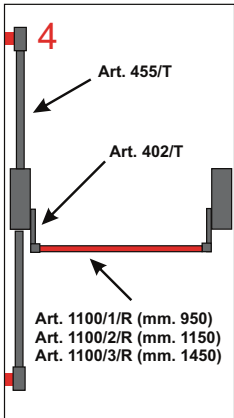
Cilindro e pomolo esterno Art. 1090P



Cilindro e maniglia esterna Art. 1090



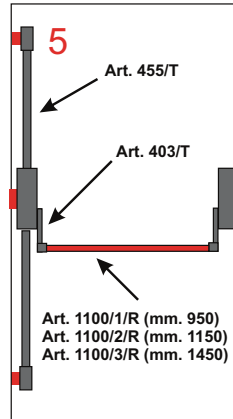
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Cilindro e maniglia esterna Art. 1090



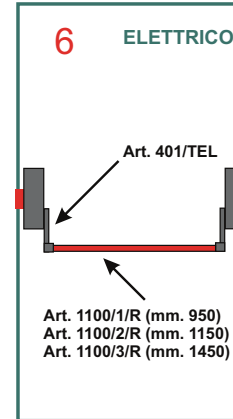
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Cilindro e maniglia esterna Art. 1090



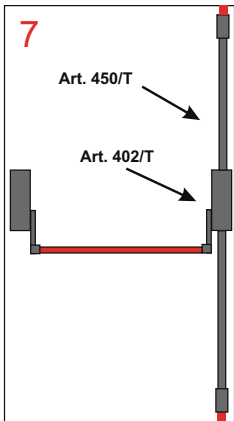
Cilindro e pomolo esterno Art. 1090P



Cilindro e maniglia esterna Art. 1092



Cilindro e pomolo esterno Art. 1092P



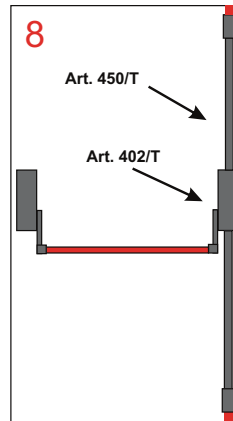
Art. 455/T



Art. 403/T



Art. 1100/1/R (mm. 950)  
Art. 1100/2/R (mm. 1150)  
Art. 1100/3/R (mm. 1450)



Art. 402/T

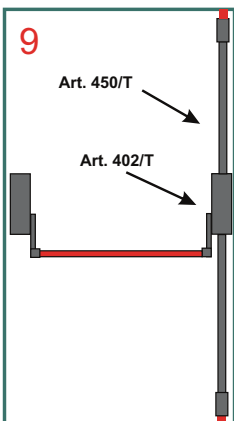


Art. 1100/1/R (mm. 950)  
Art. 1100/2/R (mm. 1150)  
Art. 1100/3/R (mm. 1450)

Cilindro e maniglia esterna Art. 1090



Cilindro e pomolo esterno Art. 1090P



**ELETTRICO  
2 ANTE**

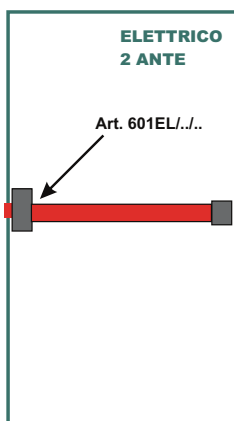
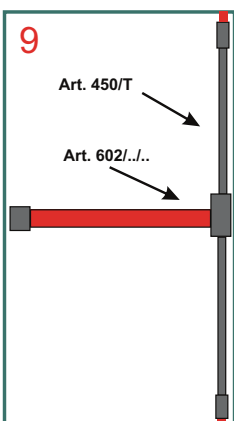
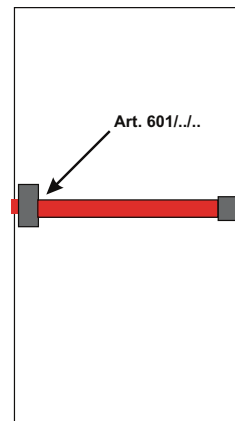
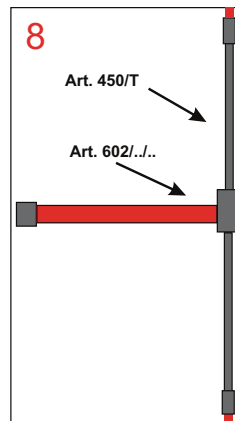
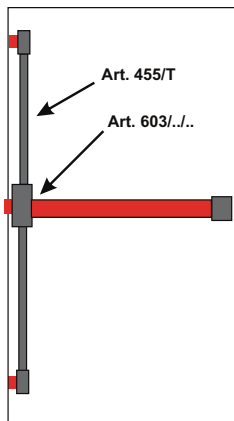
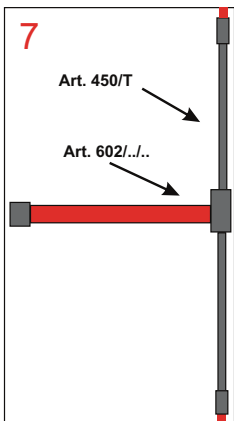
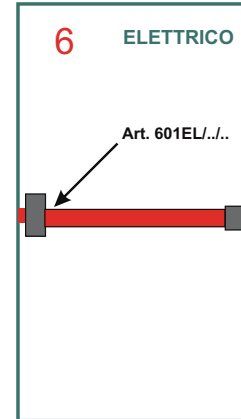
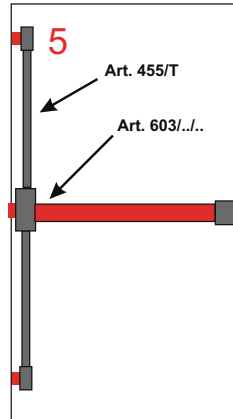
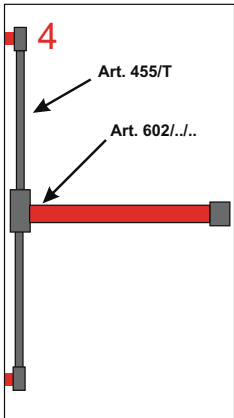
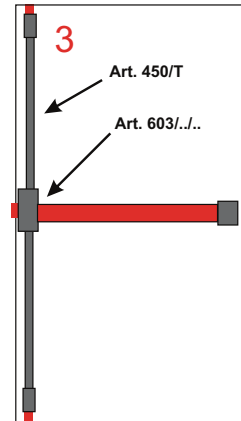
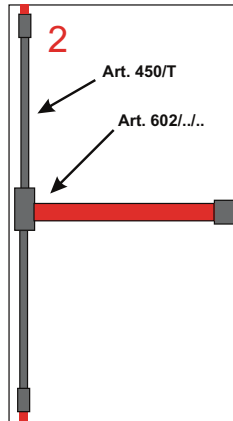
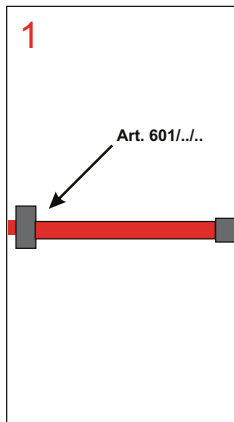
Art. 401/TEL



Art. 1100/1/R (mm. 950)  
Art. 1100/2/R (mm. 1150)  
Art. 1100/3/R (mm. 1450)



## PANIC DEVICE





**FOR THE FULL RANGE AND THE TECHNICAL DETAILS PLEASE USE OUR  
"2015 GENERAL CATALOGUE"**



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