



# Euro Lever Handle



EN1906 SPECIFICATION

UNISON HARDWARE, INC.  
[www.inoxproducts.com](http://www.inoxproducts.com)

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## TABLE OF CONTENTS

EN1906 Standard Explained .....	Page 1
How to Order .....	Page 4
GB Series Euro Lever Handle .....	Page 5
GA Series Euro Lever Handle .....	Page 7
SA Series Euro Lever Handle .....	Page 10
SG Series Euro Lever Handle .....	Page 13
LP Series Euro Lever Handle .....	Page 15
MP Series Euro Lever Handle .....	Page 18
SP Series Euro Lever Handle .....	Page 21

## Lever handles and knob furniture

### EN1906: 2010

#### SCOPE

The European standard specifies the performance requirements and test methods (i.e. durability, static strength, operating torque, corrosion, safety, etc.) for sprung and unsprung lever handles and knobs for doors on backplates or roses. It applies only to lever handles and knobs that operate a lock or latch. The standard has 4 grades of performance. Compliance with the standard ensures a margin of strength in excess of that needed for normal operation. The standard has additional graded safety requirements where a high risk of falling exists.

#### CLASSIFICATION

EN1906 classifies door furniture by using an 8 digit coding system. A similar classification applies to all building hardware product standards so that complementary items of hardware can be specified to, for instance, a common level of corrosion resistance, category of use, etc. Each digit refers to a particular feature of the product measured against the standard's performance requirements.

#### EN1906: 2010

##### Digit 1

##### Category of use

Four grades are identified:

- grade 1: medium frequency of use with a high incentive to exercise care and a small chance of misuse, e.g. internal residential doors;
- grade 2: medium frequency of use by people with some incentive to exercise care but where there is some chance of misuse, e.g. internal office doors;
- grade 3: high frequency of use by public or others with little incentive to exercise care and with a high chance of misuse, e.g. public office doors;
- grade 4: high frequency of use on doors which are subject to frequent violent use, e.g. football stadiums, oil rigs, barracks, public toilets, etc.

##### Digit 2

##### Durability

Two grades of durability are identified:

- Grade 6: medium use - 100,000 cycles
- Grade 7: high use - 200,000 cycles

The tests undertaken to achieve these grades involve the application of additional forces to the door furniture in order to simulate the conditions of use likely to be experienced in the field.

##### Digit 3

##### Test door mass

No requirement

**inox**<sup>®</sup> GB/GA/SA/SG/LP/MP/SP Series  
are tested to the following classification

##### GB Series

4	7	-	1	1	4	0	B
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##### GA/SA/SG/LP/MP/SP Series

3	7	-	1	1	4	0	B
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**inox**<sup>®</sup> GB/GA/SA/SG/LP/MP/SP Series

##### GB Series

4	7	-	1	1	4	0	B
---	---	---	---	---	---	---	---

##### GA/SA/SG/LP/MP/SP Series

3	7	-	1	1	4	0	B
---	---	---	---	---	---	---	---

**inox**<sup>®</sup> GB/GA/SA/SG/LP/MP/SP Series

##### GB Series

4	7	-	1	1	4	0	B
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##### GA/SA/SG/LP/MP/SP Series

3	7	-	1	1	4	0	B
---	---	---	---	---	---	---	---

**Digit 4**  
Fire resistance

- Two grades of fire resistance are identified:
- grade 0: not approved for use on fire/smoke door assemblies
  - grade 1: suitable for use on fire/smoke door assemblies.

Note: A Grade 1 classification means only that the furniture has been designed for use on fire/smoke control doors; the actual fire performance achieved (e.g. fire integrity of 30 minutes on a partially glazed timber door etc.) will be contained in a separate fire test report.

**Digit 5**  
Safety

- Two grades of safety are identified:
- grade 0: normal use
  - grade 1: safety application - to qualify for this grade, handles must have high strength handle-to-plate and plate-to-door fixing and/or handle-to-spindle fixing, such that they would withstand a person grabbing in order to prevent falling. It is recommended that only Safety Grade 1 furniture is used at the top of cellar steps or other staircases.

**Digit 6**  
Corrosion resistance

- Five grades are identified according to EN 1670:
- grade 0: no defined corrosion resistance
  - grade 1: mild resistance - minimum requirement for internal use
  - grade 2: moderate resistance
  - grade 3: high resistance - minimum requirement for external use
  - grade 4: very high resistance - recommended for use in exposed marine atmospheres or very polluted industrial environments.

Note: Products intended to develop a natural patina (such as bronze or brass) are not required to comply with any requirements.

**Digit 7**  
Security

- Four grades are identified:
- grade 0: not approved for use on burglary resistant doors
  - grade 1: mild burglary resistance
  - grade 2: moderate burglary resistance
  - grade 3: high burglary resistance
  - grade 4: extra high burglary resistance

Note: The main requirements include resistance to drilling, close fitting plates or escutcheons to help protect the lock and support the cylinder. They must be resistant to removal from the outside of the door and make provision to minimise the cylinder projection to a maximum of 3mm. Full details of the requirements can be found in BS EN 1906.

**inox® GB/GA/SA/SG/LP/MP/SP Series**

GB Series

4	7	-	1	1	4	0	B
---	---	---	---	---	---	---	---

GA/SA/SG/LP/MP/SP Series

3	7	-	1	1	4	0	B
---	---	---	---	---	---	---	---

Successfully passed and exceeded 240-minutes fire test of metal fire door assemblies to EN1634-1: 2014

**inox® GB/GA/SA/SG/LP/MP/SP Series**

GB Series

4	7	-	1	1	4	0	B
---	---	---	---	---	---	---	---

GA/SA/SG/LP/MP/SP Series

3	7	-	1	1	4	0	B
---	---	---	---	---	---	---	---

**inox® GB/GA/SA/SG/LP/MP/SP Series**

GB Series

4	7	-	1	1	4	0	B
---	---	---	---	---	---	---	---

GA/SA/SG/LP/MP/SP Series

3	7	-	1	1	4	0	B
---	---	---	---	---	---	---	---

**inox® GB/GA/SA/SG/LP/MP/SP Series**

GB Series

4	7	-	1	1	4	0	B
---	---	---	---	---	---	---	---

GA/SA/SG/LP/MP/SP Series

3	7	-	1	1	4	0	B
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### Digit 8 Type of operation

Three operation types are identified:

- type A: spring assisted furniture
- type B: spring loaded furniture
- type U: unsprung furniture

### inox<sup>®</sup> GB/GA/SA/SG/LP/MP/SP Series

#### GB Series

4	7	-	1	1	4	0	B
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#### GA/SA/SG/LP/MP/SP Series

3	7	-	1	1	4	0	B
---	---	---	---	---	---	---	---

## CE CE MARKING

BS EN 1906 has not been designated as a harmonised product standard under the Construction Products Directive and therefore CE marking of such lever handles and knobs is NOT permitted.

## CERTIFIRE SCHEME

**CERTIFIRE** is an independent third party certification scheme by Warrington Certification Limited (Part of Exova) that assures performance, quality, reliability and traceability of fire protection products. Recognised by regulatory authorities worldwide, it is an internationally respected mark of fire safety and one of the most authoritative in the industry.

**MANUFACTURERS** - For manufacturers of fire protection products and systems, **CERTIFIRE** offers the opportunity to differentiate products and processes from non certified equivalents thus helping to access markets worldwide.

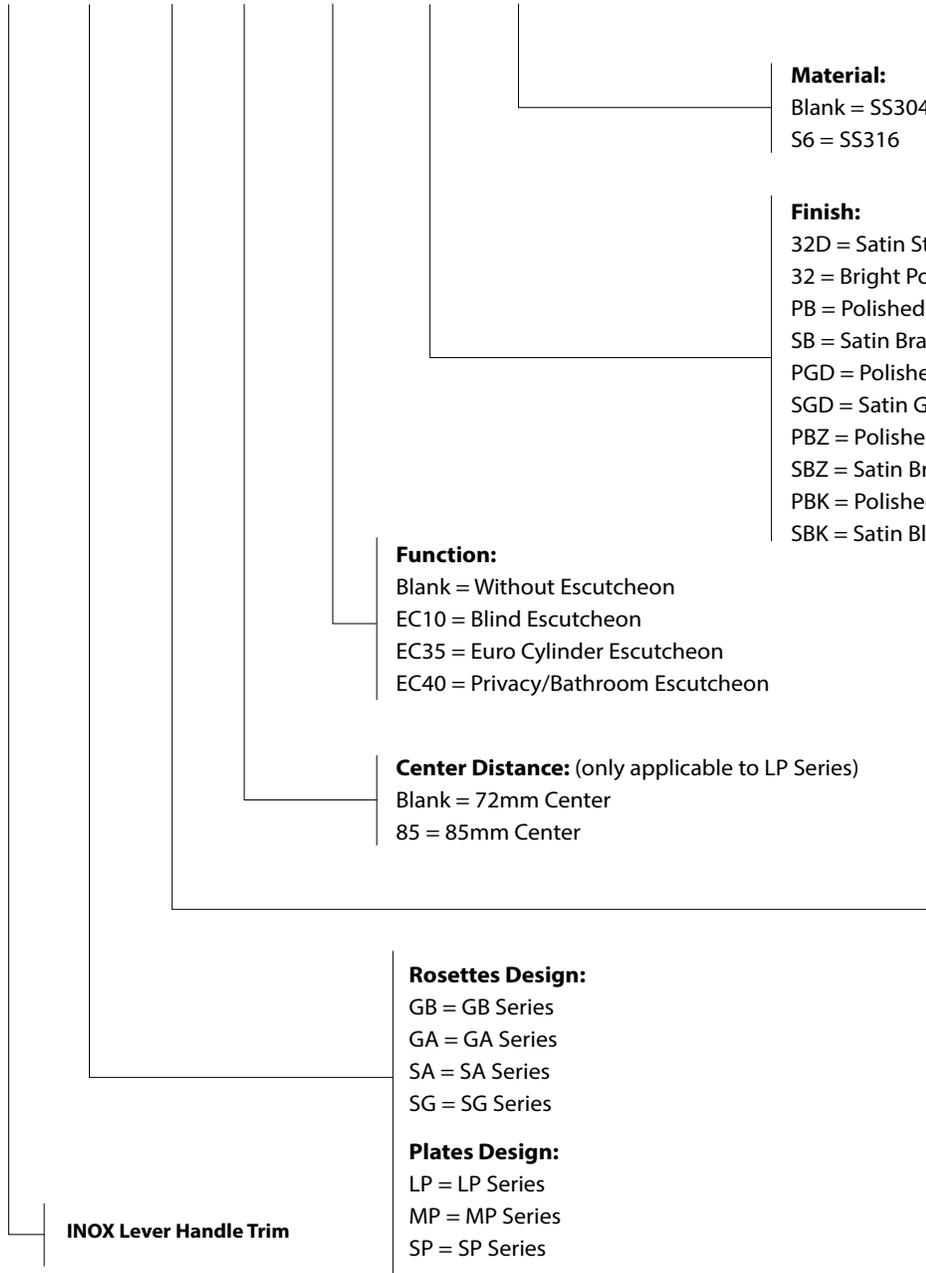
**SPECIFIERS** - For architects, specifiers, contractors and building owners **CERTIFIRE** provides assurance that fire protection products and systems correctly installed will perform as required, therefore avoiding costly mistakes and dramatically reducing risk.

The importance of schemes like **CERTIFIRE** is recognised in Approved Document B of the Building Regulations (ADB). The document makes a clear recommendation for the use of third party certificated products and systems.

## How to Order

### Product Identification

**TM- GA 101- 85 EC35 -32D -S6**



**Material:**

Blank = SS304  
S6 = SS316

**Finish:**

32D = Satin Stainless Steel  
32 = Bright Polished Stainless Steel  
PB = Polished Brass  
SB = Satin Brass  
PGD = Polished Gold  
SGD = Satin Gold  
PBZ = Polished Bronze  
SBZ = Satin Bronze  
PBK = Polished Black  
SBK = Satin Black

**Function:**

Blank = Without Escutcheon  
EC10 = Blind Escutcheon  
EC35 = Euro Cylinder Escutcheon  
EC40 = Privacy/Bathroom Escutcheon

**Center Distance:** (only applicable to LP Series)

Blank = 72mm Center  
85 = 85mm Center

**Lever Design:**

101 = 101 Cologne  
102 = 102 Munich  
103 = 103 Oslo  
104 = 104 Brussels  
105 = 105 Frankfurt  
106 = 106 Copenhagen  
109 = 109 Stuttgart  
210 = 210 Air-stream  
211 = 211 Breeze  
214 = 214 Champagne  
218 = 218 Meteor  
221 = 221 Aurora  
223 = 223 Phoenix  
225 = 225 Waterfall  
226 = 226 Summer  
227 = 227 Stratus  
243 = 243 Sunrise  
244 = 244 Twilight  
251 = 251 Sequoia  
255 = 255 Ibiza  
311 = 311 Crest  
344 = 344 Osaka  
351 = 351 Toronto

**Rosettes Design:**

GB = GB Series  
GA = GA Series  
SA = SA Series  
SG = SG Series

**Plates Design:**

LP = LP Series  
MP = MP Series  
SP = SP Series

**INOX Lever Handle Trim**

## GB Series



### Application

INOX GB Series handle is built for high frequency usage such as public buildings and commercial offices where potential misuse or deliberate abuse likely takes place

### Specifications and Features

- EN1906 Grade 4 tested and EN1634-1 fire rated
- Made of stainless steel AISI304 (AISI316 is available on request)
- Built with robust spring mechanism
- Concealed screw fixing
- Inner rose indentation to secure the rose cover with a "clean" look on handle
- Hexagonal countersunk and fixing lugs to assist thru-bolt fixing
- Architectural look achieved by minimum edge radius on rose cover

### Tests and Standards



Successfully type-tested for conformity to all of the requirements of EN1906: 2010 (including 240-hours of corrosion resistance requirement of EN1670:2007)



Successfully passed 240-minutes fire test of metal door assemblies to EN1634-1:2014



Certifire certification pending



All tests performed independently and certified by Exova/Warringtonfire/Warrington APT. Test reports and/or certificates are available on request

\* Certifire is an independent third party certification scheme that assures performance, quality and traceability of fire protection products

### EN1906: 2010 Classifications

4	7	-	1	1	4	0	B
---	---	---	---	---	---	---	---

### Finishes

#### Standard Finish:



**32D**

(630) Satin Stainless Steel



**32**

(629) Bright Stainless Steel

#### Special Order Finish:



**PB**

Polished Brass



**SB**

Satin Brass



**PGD**

Polished Gold



**SGD**

Satin Gold



**PBZ**

Polished Bronze



**SBZ**

Satin Bronze



**PBK**

Polished Black



**SBK**

Satin Black

\*Other finishes available on request

### Escutcheon Options



Blind



Euro Cylinder



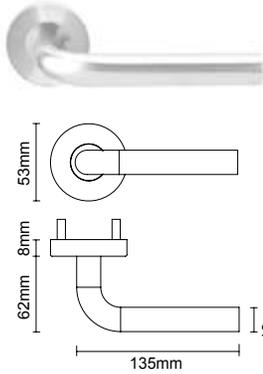
Privacy Thumb Turn  
and Release Set

**GB Series**

INOX Lever on GB Rose  
Stainless Steel Lever on 53 x 8mm Sprung Rosette

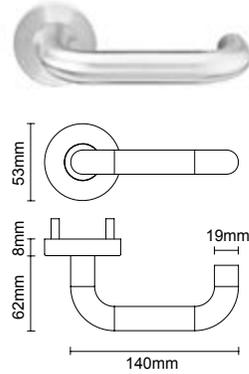
**101 Cologne**

Item No.: TM-GA101



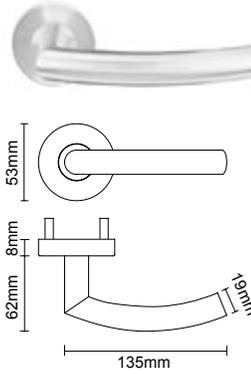
**102 Munich**

Item No.: TM-GA102



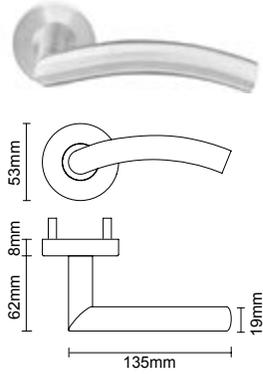
**103 Oslo**

Item No.: TM-GA103



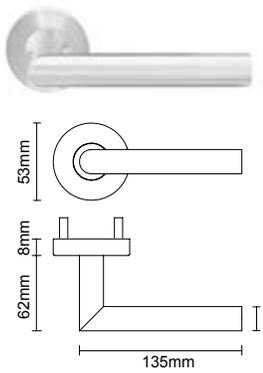
**104 Brussels**

Item No.: TM-GA104



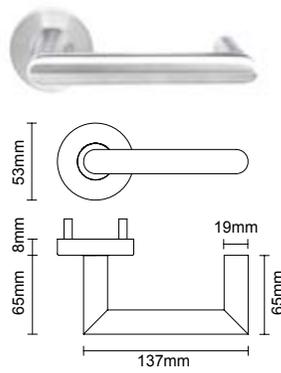
**105 Frankfurt**

Item No.: TM-GA105



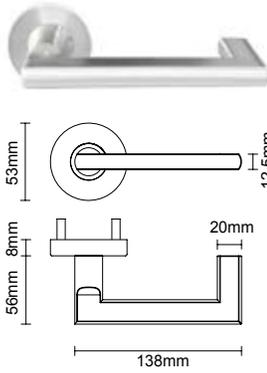
**109 Stuttgart**

Item No.: TM-GA109



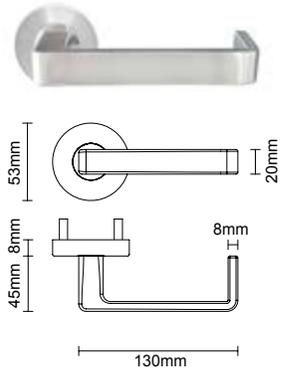
**244 Twilight**

Item No.: TM-GA244



**346 Osaka**

Item No.: TM-GA346



**Blind**

Item No.: EC-GB10



**Euro Cylinder**

Item No.: EC-GB35



**Privacy Thumb Turn and Release Set**

Item No.: EC-GB40

## GA Series



### Application

INOX GA Series handle is built with optimized design for interior and exterior doors suitable for most commercial applications where frequent usage presents

### Specifications and Features

- EN1906 Grade 3 tested and EN1634-1 fire rated
- Made of stainless steel AISI304 (AISI316 available on request)
- 6.5mm rose design to preserve the minimum height with spring mechanism
- Concealed screw fixing
- Inner rose indentation to secure the rose cover with a "clean" look on handle
- Hexagonal countersunk to assist thru-bolt fixing
- Architectural look achieved by minimum edge radius on rose cover

### Tests and Standards



Successfully type-tested for conformity to all of the requirements of EN1906: 2010 (including 240-hours of corrosion resistance requirement of EN1670:2007)



Successfully passed 240-minutes fire test of metal door assemblies to EN1634-1:2014



Certifire certification pending



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### EN1906: 2010 Classifications

3	7	-	1	1	4	0	B
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### Finishes

#### Standard Finish:



**32D**

(630) Satin Stainless Steel



**32**

(629) Bright Stainless Steel

#### Special Order Finish:



**PB**

Polished Brass



**SB**

Satin Brass



**PGD**

Polished Gold



**SGD**

Satin Gold



**PBZ**

Polished Bronze



**SBZ**

Satin Bronze



**PBK**

Polished Black



**SBK**

Satin Black

\*Other finishes available on request

### Escutcheon Options



Blind



Euro Cylinder



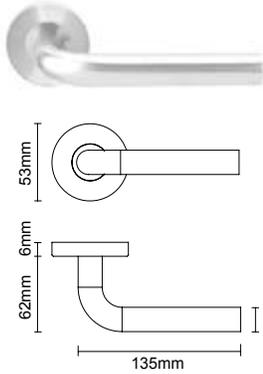
Privacy Thumb Turn  
and Release Set

**GA Series**

INOX Lever on GA Rose  
Stainless Steel Lever on 53 x 6mm Sprung Rosette

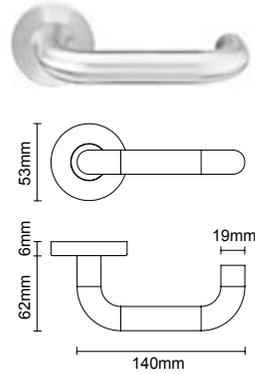
**101 Cologne**

Item No.: TM-GA101



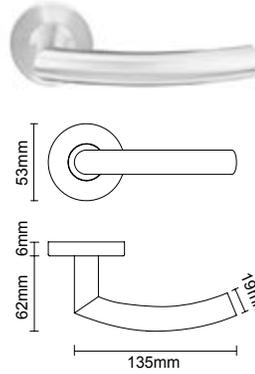
**102 Munich**

Item No.: TM-GA102



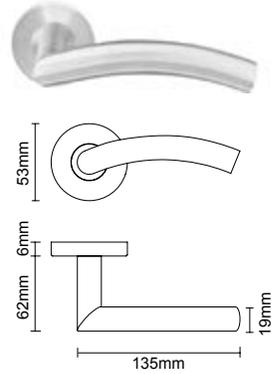
**103 Oslo**

Item No.: TM-GA103



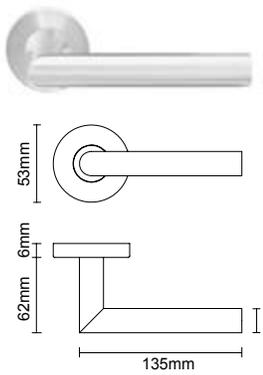
**104 Brussels**

Item No.: TM-GA104



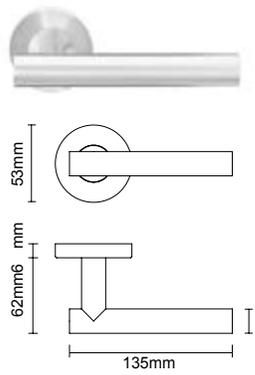
**105 Frankfurt**

Item No.: TM-GA105



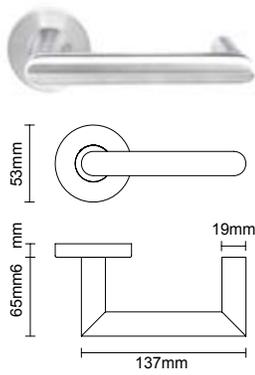
**106 Copenhagen**

Item No.: TM-GA106



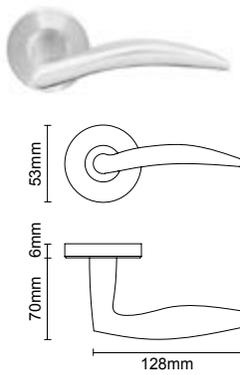
**109 Stuttgart**

Item No.: TM-GA109



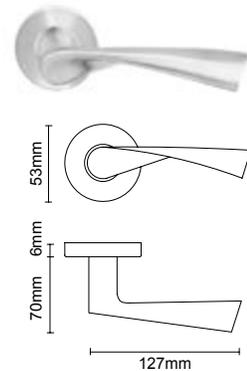
**210 Air-stream**

Item No.: TM-GA210



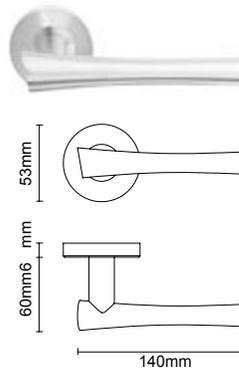
**211 Breeze**

Item No.: TM-GA211



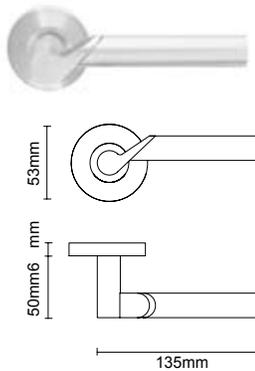
**214 Champagne**

Item No.: TM-GA214



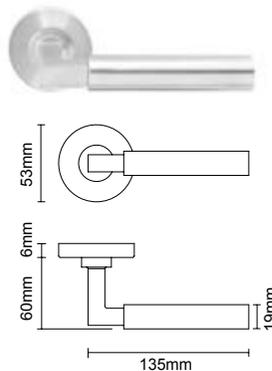
**218 Meteor**

Item No.: TM-GA218



**221 Aurora**

Item No.: TM-GA221

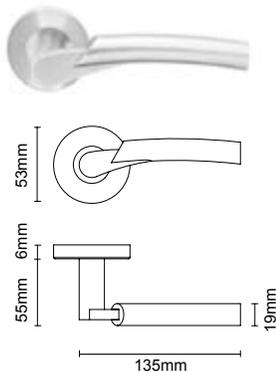


## GA Series

INOX Lever on GA Rose  
Stainless Steel Lever on 53 x 6mm Sprung Rosette

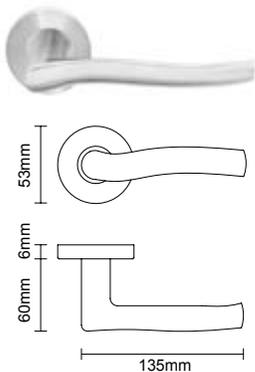
### 223 Phoenix

Item No.: TM-GA223



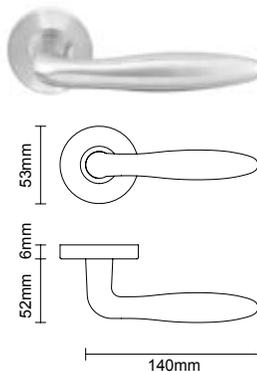
### 225 Waterfall

Item No.: TM-GA225



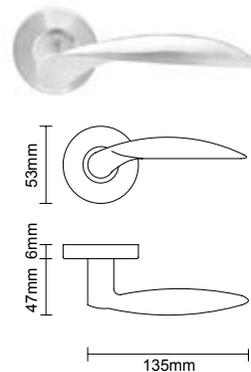
### 226 Summer

Item No.: TM-GA226



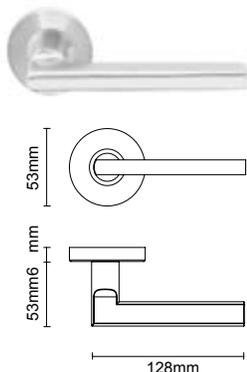
### 227 Stratus

Item No.: TM-GA227



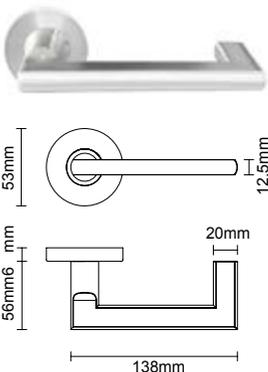
### 243 Sunrise

Item No.: TM-GA243



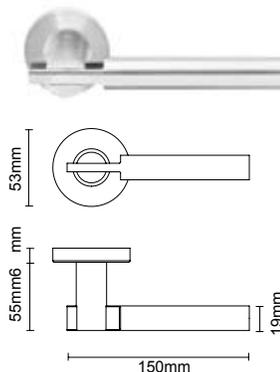
### 244 Twilight

Item No.: TM-GA244



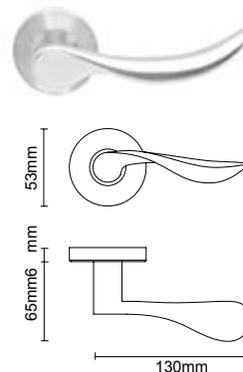
### 251 Sequoia

Item No.: TM-GA251



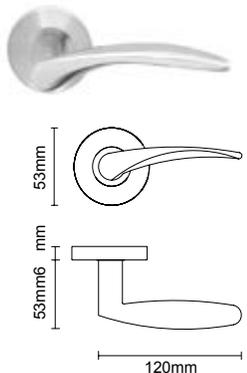
### 255 Ibiza

Item No.: TM-GA255



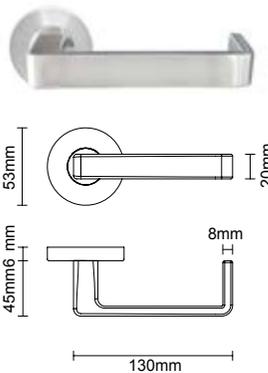
### 311 Crest

Item No.: TM-GA311



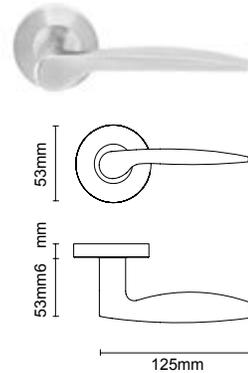
### 346 Osaka

Item No.: TM-GA346



### 351 Toronto

Item No.: TM-GA351



### Blind

Item No.: EC-GA10



### Euro Cylinder

Item No.: EC-GA35



### Privacy Thumb Turn and Release Set

Item No.: EC-GA40

## SA Series



### Application

INOX SA Series handle is built with minimalistic rose design for interior doors suitable for commercial and residential applications

### Specifications and Features

- EN1906 Grade 3 tested and EN1634-1 fire rated
- Made of stainless steel AISI304
- 4mm Un-Sprung rose design to present practical simplicity
- Concealed fixing
- Hexagonal countersunk to assist thru-bolt fixing
- Architectural look achieved by minimum rose height
- Fitted perfectly with INOX MD7200/MD8500 series mortice lock for a firm lever action

### Tests and Standards



Successfully type-tested for conformity to all of the requirements of EN1906: 2010 (including 240-hours of corrosion resistance requirement of EN1670:2007)



Successfully passed 240-minutes fire test of metal door assemblies to EN1634-1:2014



Certifire certification pending



All tests performed independently and certified by Exova/Warringtonfire/Warrington APT. Test reports and/or certificates are available on request

\* Certifire is an independent third party certification scheme that assures performance, quality and traceability of fire protection products

### EN1906: 2010 Classifications

3	7	-	1	1	4	0	B
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### Finishes

#### Standard Finish:



**32D**

(630) Satin Stainless Steel



**32**

(629) Bright Stainless Steel

#### Special Order Finish:



**PB**

Polished Brass



**SB**

Satin Brass



**PGD**

Polished Gold



**SGD**

Satin Gold



**PBZ**

Polished Bronze



**SBZ**

Satin Bronze



**PBK**

Polished Black



**SBK**

Satin Black

\*Other finishes available on request

### Escutcheon Options



Blind



Euro Cylinder



Privacy Thumb Turn and Release Set

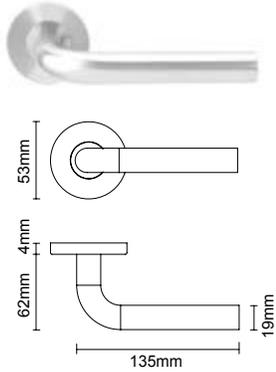
**SA Series**

INOX Lever on SA Rose

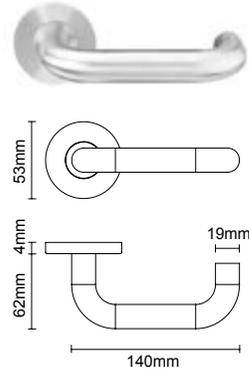
Stainless Steel Lever on 53 x 4mm Un-Sprung Rosette

**101 Cologne**

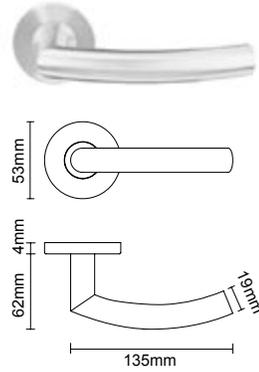
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**102 Munich**

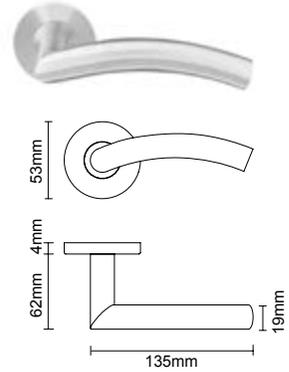
Item No.: TM-SA102

**103 Oslo**

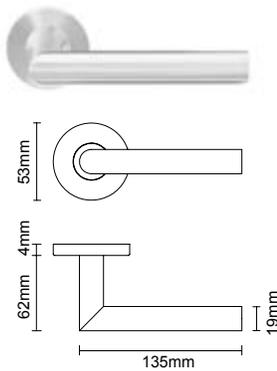
Item No.: TM-SA103

**104 Brussels**

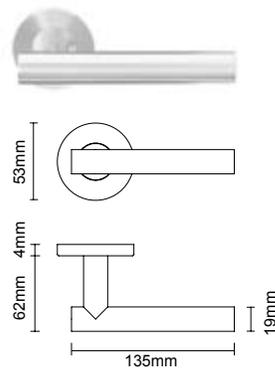
Item No.: TM-SA104

**105 Frankfurt**

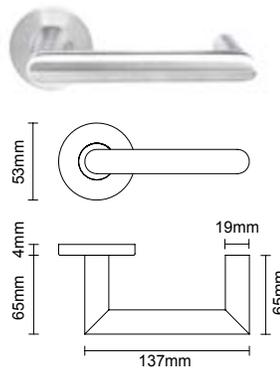
Item No.: TM-SA105

**106 Copenhagen**

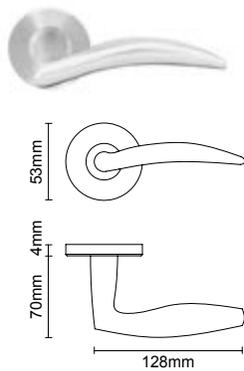
Item No.: TM-SA106

**109 Stuttgart**

Item No.: TM-SA109

**210 Air-stream**

Item No.: TM-SA210

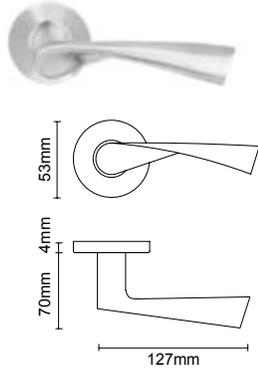


**SA Series**

INOX Lever on SA Rose  
Stainless Steel Lever on 53 x 4mm Un-Sprung Rosette

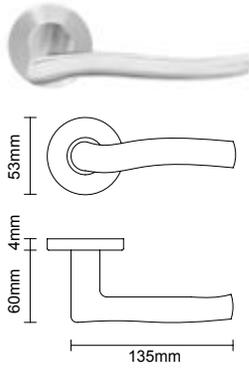
**211 Breeze**

Item No.: TM-SA211



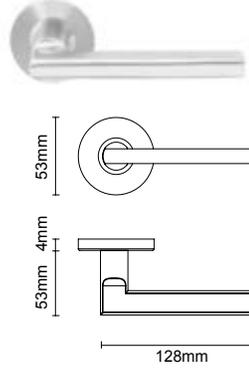
**225 Waterfall**

Item No.: TM-SA225



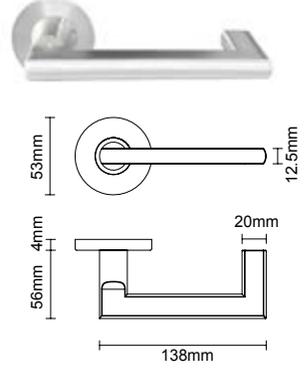
**243 Sunrise**

Item No.: TM-SA243



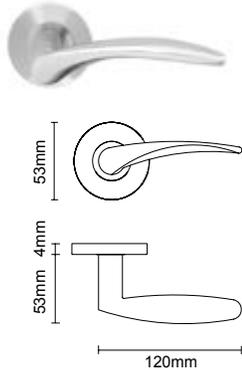
**244 Twilight**

Item No.: TM-SA244



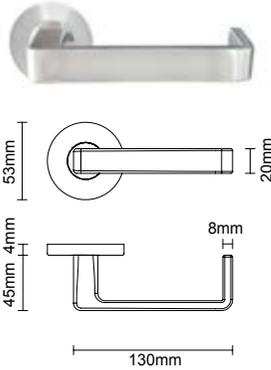
**311 Crest**

Item No.: TM-SA311



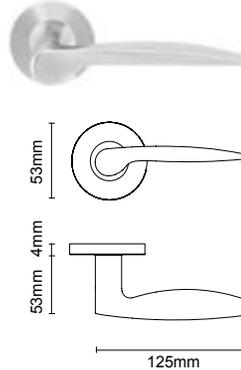
**346 Osaka**

Item No.: TM-SA346



**351 Toronto**

Item No.: TM-SA351



**Blind**

Item No.: EC-SA10



**Euro Cylinder**

Item No.: EC-SA35



**Privacy Thumb Turn and Release Set**

Item No.: EC-SA40

## SG Series



### Application

INOX SG Series handle is built with contemporary square rose design for interior doors suitable for commercial and residential applications

### Specifications and Features

- EN1906 Grade 3 tested and EN1634-1 fire rated
- Made of stainless steel AISI304
- Concealed fixing on both sides of handle preserving a consistent and elegant appearance
- Square inner rose design giving better assistance of rose installation alignment
- Inner rose indentation to secure rose cover with a "clean" and architectural look
- Suitable for retrofitting with existing door prep

### Tests and Standards



Successfully type-tested for conformity to all of the requirements of EN1906: 2010 (including 240-hours of corrosion resistance requirement of EN1670:2007)



Successfully passed 240-minutes fire test of metal door assemblies to EN1634-1:2014



Certifire certification pending



All tests performed independently and certified by Exova/Warringtonfire/Warrington APT. Test reports and/or certificates are available on request

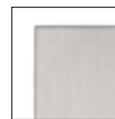
\* Certifire is an independent third party certification scheme that assures performance, quality and traceability of fire protection products

### EN1906: 2010 Classifications

3	7	-	1	1	4	0	B
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### Finishes

#### Standard Finish:



**32D**  
(630) Satin Stainless Steel



**32**  
(629) Bright Stainless Steel

#### Special Order Finish:



**PB**  
Polished Brass



**SB**  
Satin Brass



**PGD**  
Polished Gold



**SGD**  
Satin Gold



**PBZ**  
Polished Bronze



**SBZ**  
Satin Bronze



**PBK**  
Polished Black



**SBK**  
Satin Black

\*Other finishes available on request

### Escutcheon Options



Blind



Euro Cylinder



Privacy Thumb Turn and Release Set

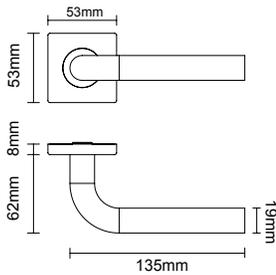


**SG Series**

INOX Lever on SG Rose  
Stainless Steel Lever on 53 x 53 x 8mm Sprung Rosette

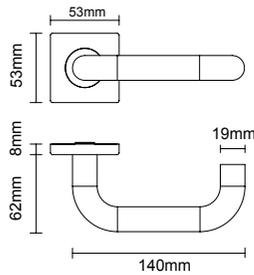
**101 Cologne**

Item No.: TM-SG101



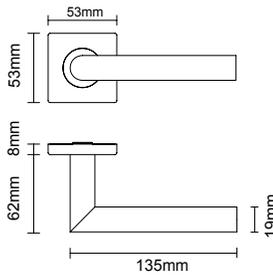
**102 Munich**

Item No.: TM-SG102



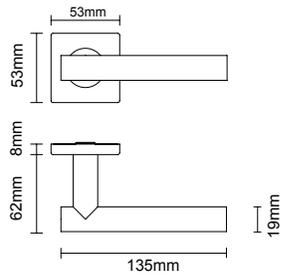
**105 Frankfurt**

Item No.: TM-SG105



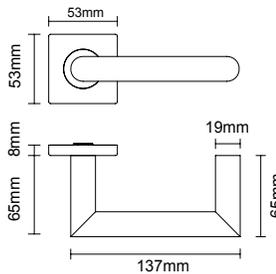
**106 Copenhagen**

Item No.: TM-SG106



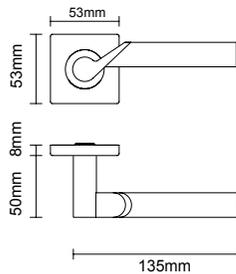
**109 Stuttgart**

Item No.: TM-SG109



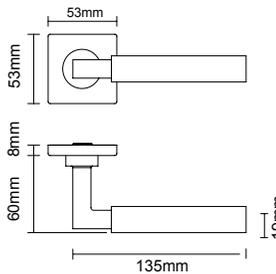
**218 Meteor**

Item No.: TM-SG218



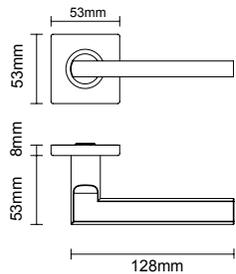
**221 Aurora**

Item No.: TM-SG221



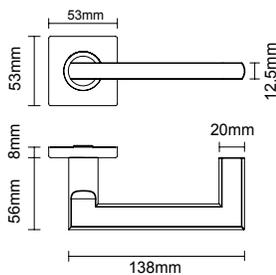
**243 Sunrise**

Item No.: TM-SG243



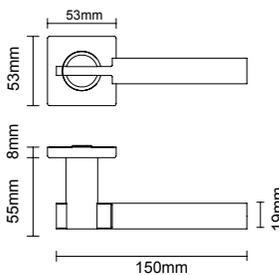
**244 Twilight**

Item No.: TM-SG244



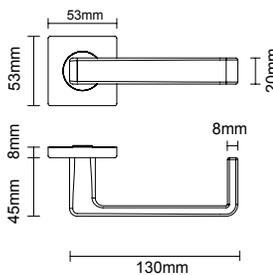
**251 Sequoia**

Item No.: TM-SG251



**346 Osaka**

Item No.: TM-SG346



**Blind**

Item No.: EC-GA10



**Euro Cylinder**

Item No.: EC-GA35



**Privacy Thumb Turn and Release Set**

Item No.: EC-GA40

## LP Series



### Application

INOX LP Series handle is built with long size plate design for commercial and residential application

### Specifications and Features

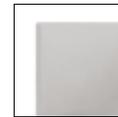
- EN1906 Grade 3 tested and EN1634-1 fire rated
- Made of stainless steel AISI304
- Concealed fixing
- Loaded with spring mechanism
- Compatible with both 72mm and 85mm center mortice locks and perfectly fitted with INOX MD/MB series mortice lock
- Hexagonal countersunk to assist thru-bolt fixing
- Good for retrofitting (to cover unwanted screw positions)

### Finishes

#### Standard Finish:



**32D**  
(630) Satin Stainless Steel



**32**  
(629) Bright Stainless Steel

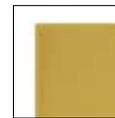
#### Special Order Finish:



**PB**  
Polished Brass



**SB**  
Satin Brass



**PGD**  
Polished Gold



**SGD**  
Satin Gold



**PBZ**  
Polished Bronze



**SBZ**  
Satin Bronze



**PBK**  
Polished Black



**SBK**  
Satin Black

\*Other finishes available on request

### Tests and Standards



Successfully type-tested for conformity to all of the requirements of EN1906: 2010 (including 240-hours of corrosion resistance requirement of EN1670:2007)



Successfully passed 240-minutes fire test of metal door assemblies to EN1634-1:2014



Certifire certification pending



All tests performed independently and certified by Exova/Warringtonfire/Warrington APT. Test reports and/or certificates are available on request

\* Certifire is an independent third party certification scheme that assures performance, quality and traceability of fire protection products

### EN1906: 2010 Classifications

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### Escutcheon Options



Blind



Euro Cylinder



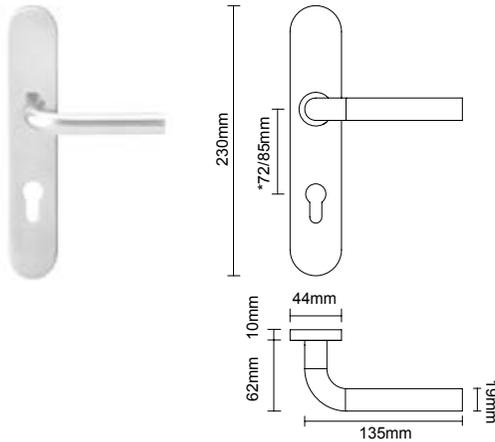
Privacy Thumb Turn and Release Set

**LP Series**

INOX Lever on LP Plate  
Stainless Steel Lever on 44 x 230 x 10mm Sprung Plate

**101 Cologne**

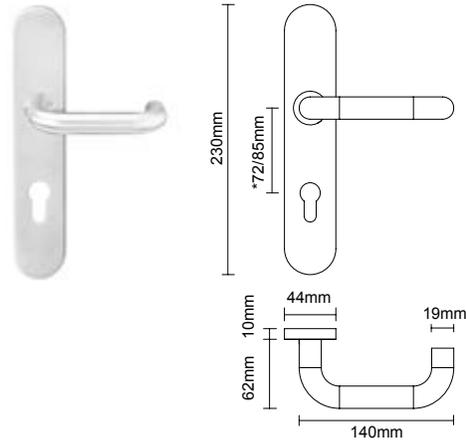
Euro Cylinder 72mm: TM-LP101-EC35  
Euro Cylinder 85mm: TM-LP101-85EC35  
Blind: TM-LP101-EC10  
Privacy/Bathroom: TM-LP101-EC40



\* Center Distance = 78mm for use with MD7240/MB7240 Privacy/Bathroom Mortice Lock

**102 Munich**

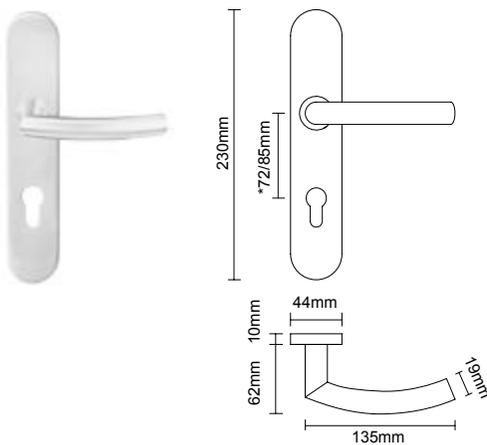
Euro Cylinder 72mm: TM-LP102-EC35  
Euro Cylinder 85mm: TM-LP102-85EC35  
Blind: TM-LP102-EC10  
Privacy/Bathroom: TM-LP102-EC40



\* Center Distance = 78mm for use with MD7240/MB7240 Privacy/Bathroom Mortice Lock

**103 Oslo**

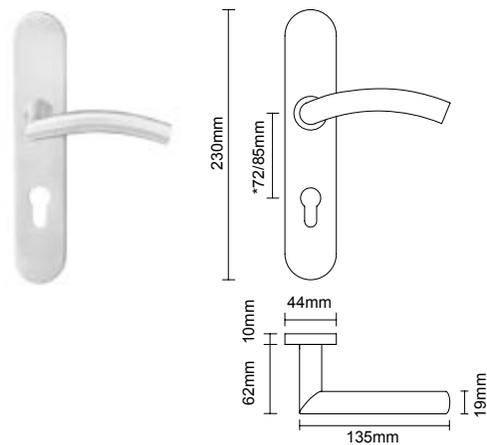
Euro Cylinder 72mm: TM-LP103-EC35  
Euro Cylinder 85mm: TM-LP103-85EC35  
Blind: TM-LP103-EC10  
Privacy/Bathroom: TM-LP103-EC40



\* Center Distance = 78mm for use with MD7240/MB7240 Privacy/Bathroom Mortice Lock

**104 Brussels**

Euro Cylinder 72mm: TM-LP104-EC35  
Euro Cylinder 85mm: TM-LP104-85EC35  
Blind: TM-LP104-EC10  
Privacy/Bathroom: TM-LP104-EC40



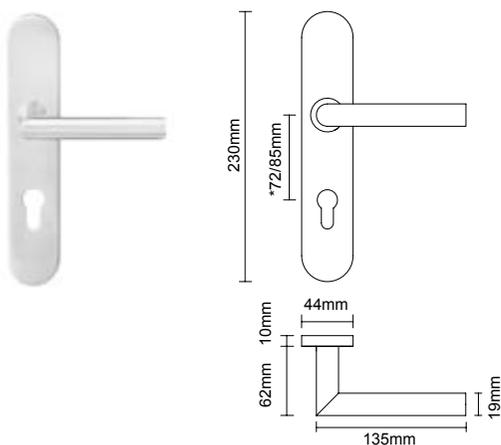
\* Center Distance = 78mm for use with MD7240/MB7240 Privacy/Bathroom Mortice Lock

## LP Series

INOX Lever on LP Plate  
Stainless Steel Lever on 44 x 230 x 10mm Sprung Plate

### 105 Frankfurt

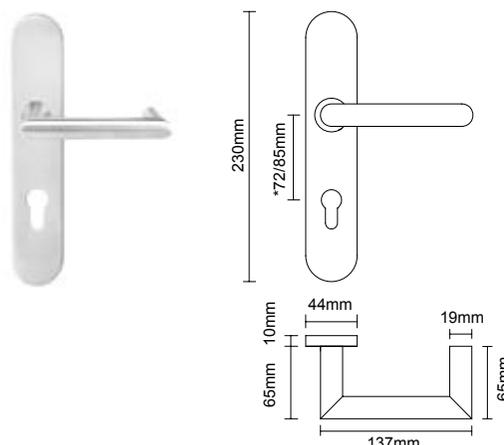
Euro Cylinder 72mm: TM-LP105-EC35  
Euro Cylinder 85mm: TM-LP105-85EC35  
Blind: TM-LP105-EC10  
Privacy/Bathroom: TM-LP105-EC40



\* Center Distance = 78mm for use with MD7240/MB7240 Privacy/Bathroom Mortice Lock

### 109 Stuttgart

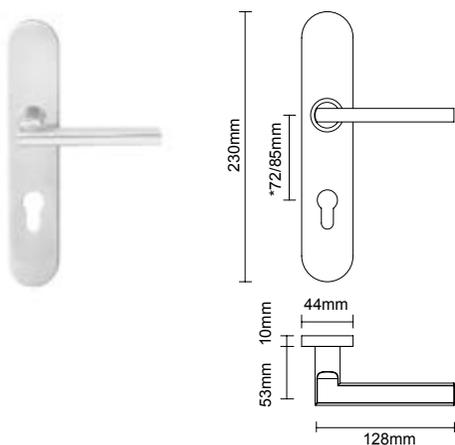
Euro Cylinder 72mm: TM-LP109-EC35  
Euro Cylinder 85mm: TM-LP109-85EC35  
Blind: TM-LP109-EC10  
Privacy/Bathroom: TM-LP109-EC40



\* Center Distance = 78mm for use with MD7240/MB7240 Privacy/Bathroom Mortice Lock

### 243 Sunrise

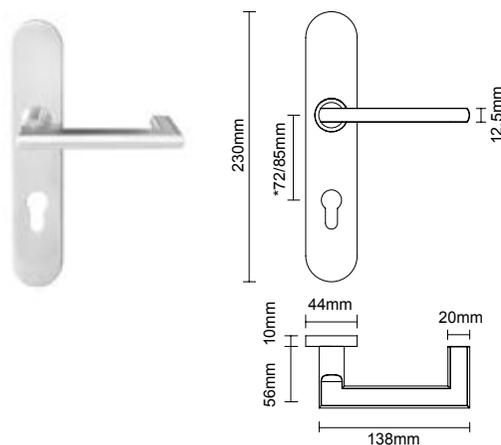
Euro Cylinder 72mm: TM-LP243-EC35  
Euro Cylinder 85mm: TM-LP243-85EC35  
Blind: TM-LP243-EC10  
Privacy/Bathroom: TM-LP243-EC40



\* Center Distance = 78mm for use with MD7240/MB7240 Privacy/Bathroom Mortice Lock

### 244 Twilight

Euro Cylinder 72mm: TM-LP243-EC35  
Euro Cylinder 85mm: TM-LP243-85EC35  
Blind: TM-LP243-EC10  
Privacy/Bathroom: TM-LP243-EC40



\* Center Distance = 78mm for use with MD7240/MB7240 Privacy/Bathroom Mortice Lock

**MP Series**



**Application**

INOX MP Series handle is built with medium size plate design for commercial and residential application

**Specifications and Features**

- EN1906 Grade 3 tested and EN1634-1 fire rated
- Made of stainless steel AISI304
- Concealed fixing
- Loaded with spring mechanism
- Compatible with both 72mm center mortice locks and perfectly fitted with INOX MD7200/MB7200 series mortice lock
- Hexagonal countersunk to assist thru-bolt fixing
- Good for retrofitting with current fire rated door handle

**Finishes**

**Standard Finish:**



**32D**  
(630) Satin Stainless Steel



**32**  
(629) Bright Stainless Steel

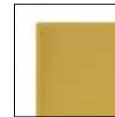
**Special Order Finish:**



**PB**  
Polished Brass



**SB**  
Satin Brass



**PGD**  
Polished Gold



**SGD**  
Satin Gold



**PBZ**  
Polished Bronze



**SBZ**  
Satin Bronze



**PBK**  
Polished Black



**SBK**  
Satin Black

\*Other finishes available on request

**Tests and Standards**



Successfully type-tested for conformity to all of the requirements of EN1906: 2010 (including 240-hours of corrosion resistance requirement of EN1670:2007)



Successfully passed 240-minutes fire test of metal door assemblies to EN1634-1:2014



Certifire certification pending



All tests performed independently and certified by Exova/Warringtonfire/Warrington APT. Test reports and/or certificates are available on request

\* Certifire is an independent third party certification scheme that assures performance, quality and traceability of fire protection products

**EN1906: 2010 Classifications**

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**Escutcheon Options**



Blind



Euro Cylinder



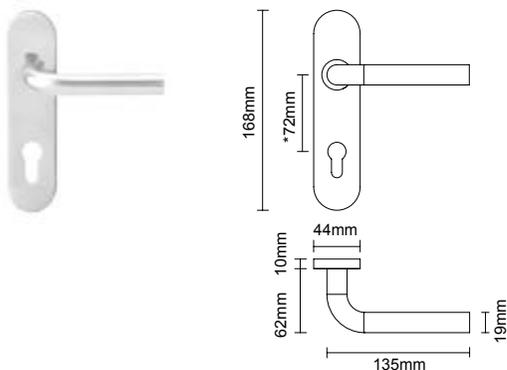
Privacy Thumb Turn and Release Set

## MP Series

INOX Lever on MP Plate  
Stainless Steel Lever on 44 x 168 x 10mm Sprung Plate

### 101 Cologne

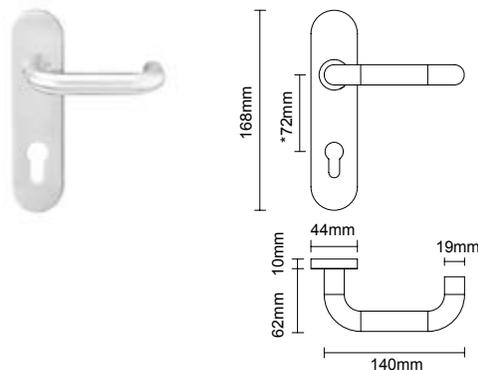
Euro Cylinder: TM-MP101-EC35  
Blind: TM-MP101-EC10  
Privacy/Bathroom: TM-MP101-EC40



\* Center Distance = 78mm for use with MD7240/MB7240 Privacy/Bathroom Mortice Lock

### 102 Munich

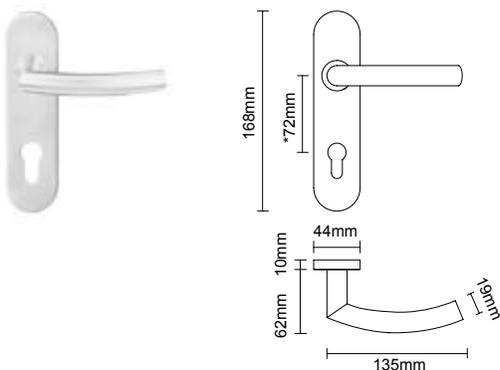
Euro Cylinder: TM-MP102-EC35  
Blind: TM-MP102-EC10  
Privacy/Bathroom: TM-MP102-EC40



\* Center Distance = 78mm for use with MD7240/MB7240 Privacy/Bathroom Mortice Lock

### 103 Oslo

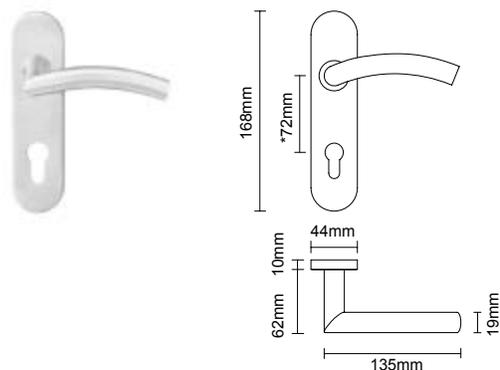
Euro Cylinder: TM-MP103-EC35  
Blind: TM-MP103-EC10  
Privacy/Bathroom: TM-MP103-EC40



\* Center Distance = 78mm for use with MD7240/MB7240 Privacy/Bathroom Mortice Lock

### 104 Brussels

Euro Cylinder: TM-MP104-EC35  
Blind: TM-MP104-EC10  
Privacy/Bathroom: TM-MP104-EC40



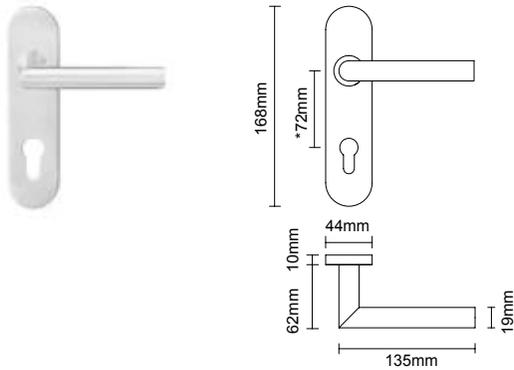
\* Center Distance = 78mm for use with MD7240/MB7240 Privacy/Bathroom Mortice Lock

**MP Series**

INOX Lever on MP Plate  
Stainless Steel Lever on 44 x 168 x 10mm Sprung Plate

**105 Frankfurt**

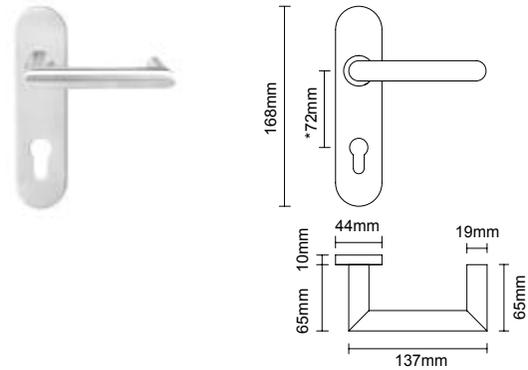
Euro Cylinder: TM-MP105-EC35  
Blind: TM-MP105-EC10  
Privacy/Bathroom: TM-MP105-EC40



\* Center Distance = 78mm for use with MD7240/MB7240 Privacy/Bathroom Mortice Lock

**109 Stuttgart**

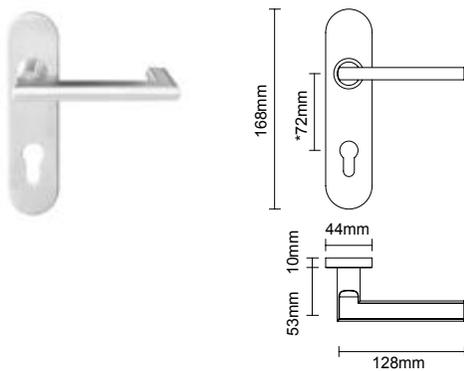
Euro Cylinder: TM-MP109-EC35  
Blind: TM-MP109-EC10  
Privacy/Bathroom: TM-MP109-EC40



\* Center Distance = 78mm for use with MD7240/MB7240 Privacy/Bathroom Mortice Lock

**244 Twilight**

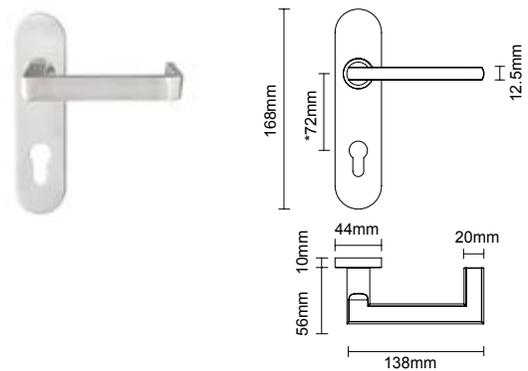
Euro Cylinder: TM-MP244-EC35  
Blind: TM-MP244-EC10  
Privacy/Bathroom: TM-MP244-EC40



\* Center Distance = 78mm for use with MD7240/MB7240 Privacy/Bathroom Mortice Lock

**346 Osaka**

Euro Cylinder: TM-MP346-EC35  
Blind: TM-MP46-EC10  
Privacy/Bathroom: TM-MP346-EC40



\* Center Distance = 78mm for use with MD7240/MB7240 Privacy/Bathroom Mortice Lock

## SP Series



### Application

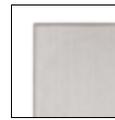
INOX SP Series handle is designed for commercial application such as hospitals where frequent usage presents

### Specifications and Features

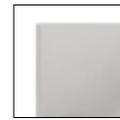
- EN1906 Grade 3 tested and EN1634-1 fire rated
- Made of stainless steel AISI304
- Reliable 4 position fixing with under lever fixing position designed to go through most popular DIN/EN standard mortice lock case
- Un-Sprung design

### Finishes

Standard Finish: .....



**32D**  
(630) Satin Stainless Steel



**32**  
(629) Bright Stainless Steel

\*Other finishes available on request

### Tests and Standards



Successfully type-tested for conformity to all of the requirements of EN1906: 2010 (including 240-hours of corrosion resistance requirement of EN1670:2007)



Successfully passed 240-minutes fire test of metal door assemblies to EN1634-1:2014



Certifire certification pending.



All tests performed independently and certified by Exova/Warringtonfire/Warrington APT. Test reports and/or certificates are available on request

\* Certifire is an independent third party certification scheme that assures performance, quality and traceability of fire protection products

### EN1906: 2010 Classifications

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### Escutcheon Options



Blind



Euro Cylinder



Privacy Thumb Turn  
and Release Set

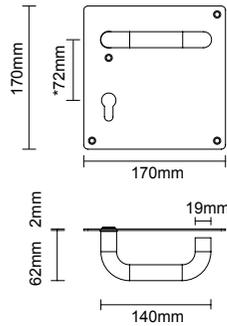


**SP Series**

INOX Lever on SP Plate  
Stainless Steel Lever on 170 x 170 x 2mm Un-Sprung Plate

**102 Munich**

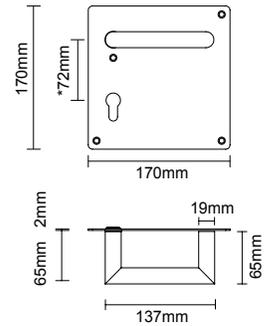
Euro Cylinder: TM-SP102-EC35  
Blind: TM-SP102-EC10  
Privacy/Bathroom: TM-SP102-EC40



\* Center Distance = 78mm for use with MD7240 Privacy/Bathroom Mortise Lock

**109 Stuttgart**

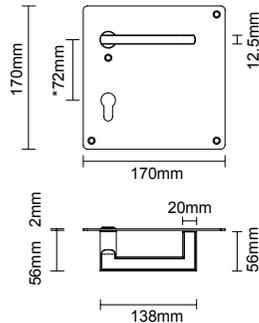
Euro Cylinder: TM-SP109-EC35  
Blind: TM-SP109-EC10  
Privacy/Bathroom: TM-SP109-EC40



\* Center Distance = 78mm for use with MD7240 Privacy/Bathroom Mortise Lock

**244 Twilight**

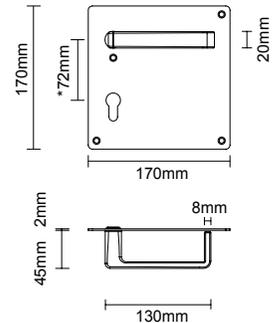
Euro Cylinder: TM-SP244-EC35  
Blind: TM-SP244-EC10  
Privacy/Bathroom: TM-SP244-EC40



\* Center Distance = 78mm for use with MD7240 Privacy/Bathroom Mortise Lock

**346 Osaka**

Euro Cylinder: TM-SP346-EC35  
Blind: TM-SP346-EC10  
Privacy/Bathroom: TM-SP346-EC40



\* Center Distance = 78mm for use with MD7240 Privacy/Bathroom Mortise Lock







Please visit our website  
<http://www.inoxproducts.com>  
for more technical and new product information.



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<http://www.inoxproducts.com>