INFORMAZIONI TECNICHE

TECHNICAL INFORMATIONS

INFORMATIONS TECHNIQUES

TECHNISCHE INFORMATIE

INFORMACIÓN TÉCNICA

EUROPEAN FORMAT

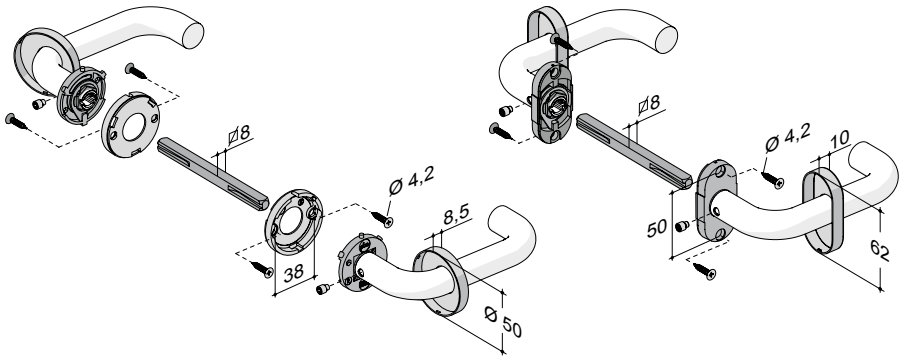
MANIGLIE - LEVER HANDLES - BÉQUILLES - TÜRDRÜCKER

ROSETTE
Rosette tonde e ovali con molla di ritorno.
Sottorosetta in lega metallica e coprirosetta in acciaio inox AISI 316L.

ROSES
Round and oval roses with a return spring.
Inner rose in metal alloy and rose cover in stainless steel AISI 316L.

ROSACES
Rosaces rondes et ovales avec ressort de rappel.
Sous-construction de la rosace en alliage aluminium et cache-rosace en acier inoxydable AISI 316L.

TÜRDRÜCKERROSETTEN
Drückerrosette mit Rückholfeder rund und oval.
Innenrosette aus metallischer Legierung.
Abdeckkappe aus Edelstahl rostfrei 1.4404.

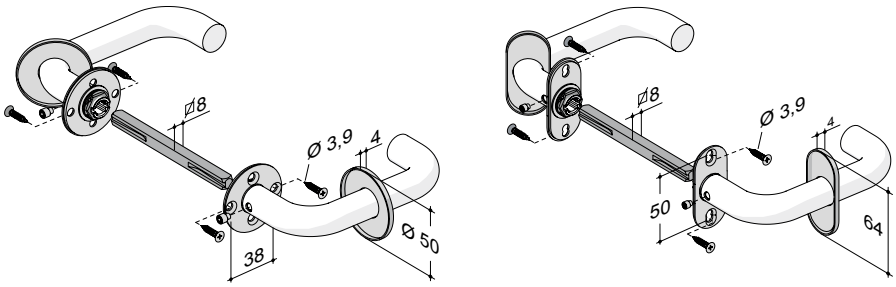


ROSETTE
Rosette tonde e ovali basse senza molla di ritorno.
Sottorosetta in lega metallica e coprirosetta in acciaio inox AISI 316L.

ROSES
Round and oval roses low without return spring.
Inner rose in metal alloy and rose cover in stainless steel AISI 316L.

ROSACES
Rosaces rondes et ovales basses sans ressort de rappel. Sous-construction de la rosace en alliage aluminium et cache-rosace en acier inoxydable AISI 316L.

TÜRDRÜCKERROSETTEN
Türdrückerrosetten rund flach und oval flach ohne Rückholdfeder. Innenrosette aus metallischer Legierung. Abdeckkappe aus Edelstahl rostfrei 1.4404.

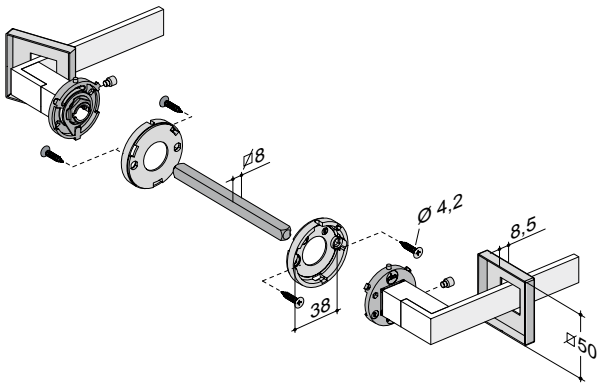


ROSETTE
Rosette quadre con molla di ritorno.
Sottorosetta in lega metallica e coprirosetta in acciaio inox AISI 316L.

ROSES
Square roses with a return spring.
Inner rose in metal alloy and rose cover in stainless steel AISI 316L.

ROSACES
Rosaces carrées avec ressort de rappel.
Sous-construction de la rosace en alliage aluminium et cache-rosace en acier inoxydable AISI 316L.

TÜRDRÜCKERROSETTEN
Drückerrosette mit Rückholfeder quadratisch.
Innenrosette aus metallischer Legierung.
Abdeckkappe aus Edelstahl rostfrei 1.4404.

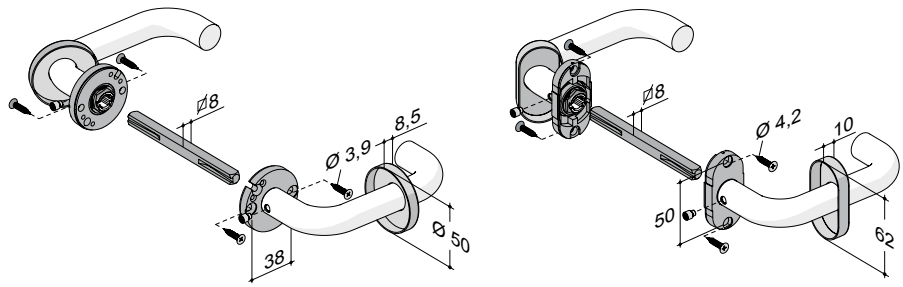


ROSETTE
Rosette tonde e ovali con cuscinetto a sfera. Sottorosetta in lega metallica e coprirosetta in acciaio inox AISI 316L.

ROSES
Round and oval roses with ball-bearings. Inner rose in metal alloy and rose cover in stainless steel AISI 316L.

ROSACES
Rosaces rondes et ovales avec roulement à bille. Sous-construction de la rosace en alliage aluminium et cache-rosace en acier inoxydable AISI 316L.

TÜRDRÜCKERROSETTEN
Türdrückerrosetten rund und oval mit Kugellager. Innenrosette aus metallischer Legierung. Abdeckkappe aus Edelstahl rostfrei 1.4404.

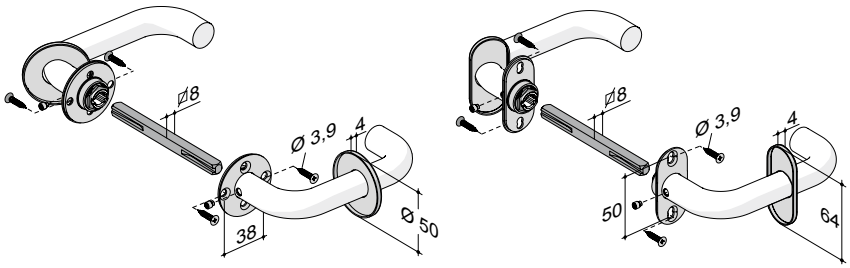


ROSETTE
Rosette tonde e ovali basse con cuscinetto a sfera. Sottorosetta in lega metallica e coprirosetta in acciaio inox AISI 316L.

ROSES
Round and oval roses low with ball-bearings. Inner rose in metal alloy and rose cover in stainless steel AISI 316L.

ROSACES
Rosaces rondes et ovales basses avec roulement à bille. Sous-construction de la rosace en alliage aluminium et cache-rosace en acier inoxydable AISI 316L.

TÜRDRÜCKERROSETTEN
Türdrückerrosetten rund flach und oval flach mit Kugellager. Innenrosette aus metallischer Legierung. Abdeckkappe aus Edelstahl rostfrei 1.4404.

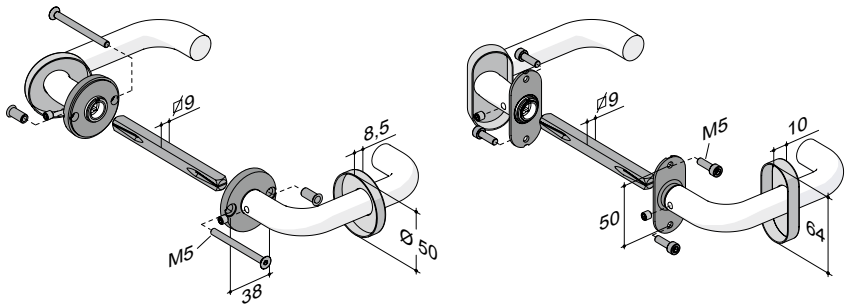


ROSETTE FS DIN 18 273
Rosette in acciaio. Coprirosetta in acciaio inox AISI 316L. Il sistema rosetta-maniglia è conforme alla norma DIN 18 273 inerente porte tagliafuoco e tagliafumo.

ROSES FS DIN 18 273
Roses in stainless steel. Rose covers in stainless steel AISI 316L. The rose-handle system complies with DIN 18 273 concerning lever handles for fire doors and smoke control doors.

ROSACES FS DIN 18 273
Rosaces en acier. Cache-rosaces en acier inox AISI 316L. Le système rondelle-poignée est conforme à la norme DIN 18 273 relative aux portes coupe-feu et coupe-fumée.

TÜRDRÜCKERGARNITUREN FS DIN 18 273
Türdrücker mit Drückerrosetten oder Türschilder und Schlüsselrosetten der Serie 2000-FS sind aus Edelstahl rostfrei 1.4404. Entsprechend der DIN 18 273. Das Prüfzeugnis liegt vor.

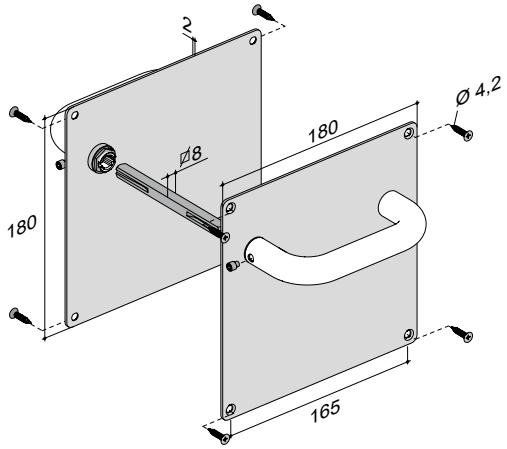


PLACCHE
Placche rettangolari-quadre con o senza cuscinetto a sfera in acciaio inox AISI 316L, spessore 2 mm. Il cuscinetto a sfera è calettato alla placca.

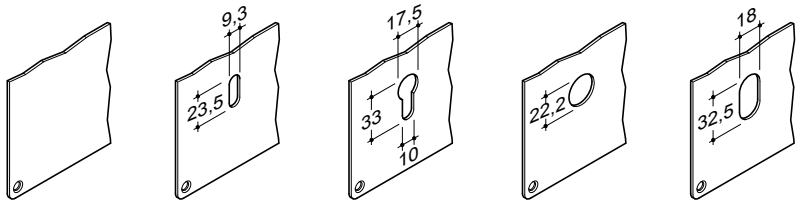
PLATES
Plates: rectangular-square with or without ball-bearings in stainless steel AISI 316L, thickness 2 mm. The ball-bearings is connected to the plate.

PLAQUES
Plaques rectangulaires-carrées avec ou sans roulement à bille en acier inoxydable AISI 316L, épaisseur 2 mm. Le roulement à bille est emboîté sur la plaque.

TÜRSCHILDER
Türschilder, Breitschild, Langschild aus Edelstahl rostfrei 1.4404 mit oder ohne Kugellager, Stärke 2 mm. Das Kugellager ist fest im Türschild eingesetzt.

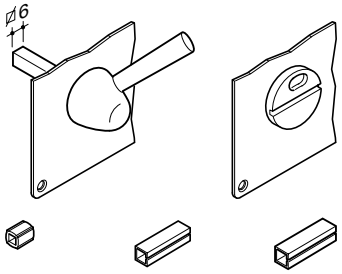


FORI - HOLES - TROUS - LÖCHERN



PATENT YALE KABA UNION

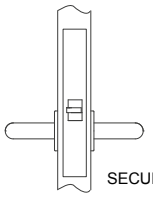
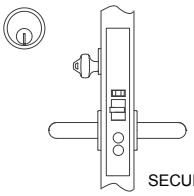
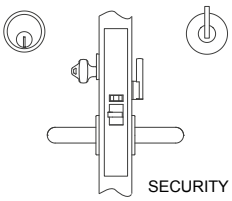
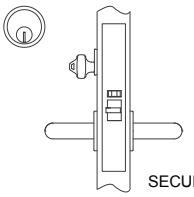
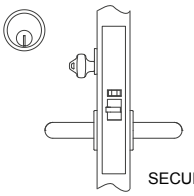
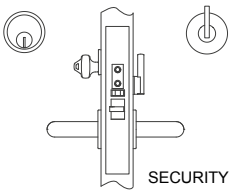
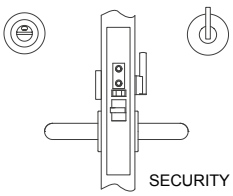
CHIUSINO - SNIB INDICATOR - VERROUS - BADEROSETTEN



5 - 6 6 - 7 6 - 8

US FORMAT

MORTISE LOCKS for WOOD OR METAL DOORS

ANSI CODE - FUNCTION PBA CODE*	OUTSIDE ◄ | ► INSIDE	OPERATION
F01 - PASSAGE **2MM.LCK.0A00.00** - backset 2 1/2" **	 SECURITY EGRESS	LATCHBOLT OPERATED BY LEVER FROM EITHER SIDE AT ALL TIMES
F04 - OFFICE / CORRIDOR **2MM.LCK.0F00.00** - backset 2 1/2" **	 SECURITY EGRESS	LATCHBOLT OPERATED BY LEVER FROM EITHER SIDE, EXCEPT WHEN OUTSIDE LEVER IS LOCKED BY STOP BUTTONS. UNLOCK BY KEY OUTSIDE OR LEVER INSIDE.
F04 + F13 - OFFICE / ENTRY **2MM.LCK.0I00.00** - backset 2 1/2" **	 SECURITY EGRESS	LATCHBOLT OPERATED BY LEVER FROM EITHER SIDE, EXCEPT WHEN OUTSIDE LEVER IS LOCKED BY KEY OR THUMBTURN FROM INSIDE. UNLOCK BY KEY OUTSIDE OR THUMBTURN / LEVER FROM INSIDE.
F05 - CLASSROOM **2MM.LCK.0G00.00** - backset 2 1/2" **	 SECURITY EGRESS	LATCHBOLT OPERATED BY LEVER FROM EITHER SIDE, EXCEPT WHEN OUTSIDE LEVER IS LOCKED BY OUTSIDE KEY. UNLOCK BY KEY OUTSIDE OR LEVER INSIDE.
F07 - STOREROOM **2MM.LCK.0P00.00** - backset 2 1/2" **	 SECURITY EGRESS	LATCHBOLT OPERATED BY KEY OUTSIDE OR BY OPERATING LEVER INSIDE. OUTSIDE LEVER IS ALWAYS INOPERATIVE.
F13 - DORMITORY **2MM.LCK.0E00.00** - backset 2 1/2" **	 SECURITY EGRESS	LATCHBOLT OPERATED BY LEVER FROM EITHER SIDE, EXCEPT WHEN OUTSIDE LEVER IS LOCKED BY KEY OR THUMBTURN FROM INSIDE AND THE DEADBOLT IS PROJECTED. UNLOCK BY KEY OUTSIDE OR THUMBTURN OR LEVER FROM INSIDE WHICH RETRACT BOTH BOLTS SIMULTANEOUSLY.
F19 - PRIVACY **2MM.LCK.0M00.00** - backset 2 1/2" **	 SECURITY EGRESS	LATCHBOLT OPERATED BY LEVER FROM EITHER SIDE, EXCEPT WHEN OUTSIDE LEVER IS LOCKED BY INSIDE THUMBTURN AND THE DEADBOLT IS PROJECTED. UNLOCK BY KEY OUTSIDE OR LEVER FROM INSIDE WHICH RETRACT BOTH BOLTS SIMULTANEOUSLY.

STAINLESS STEEL FACEPLATE INCLUDED IN SATIN FINISH

STAINLESS STEEL STRIKE PLATE INCLUDED IN SATIN FINISH

* Lever handles, thumbturns and cylinders not included ** Backset 2 3/4" available on request

MORTISE LOCK

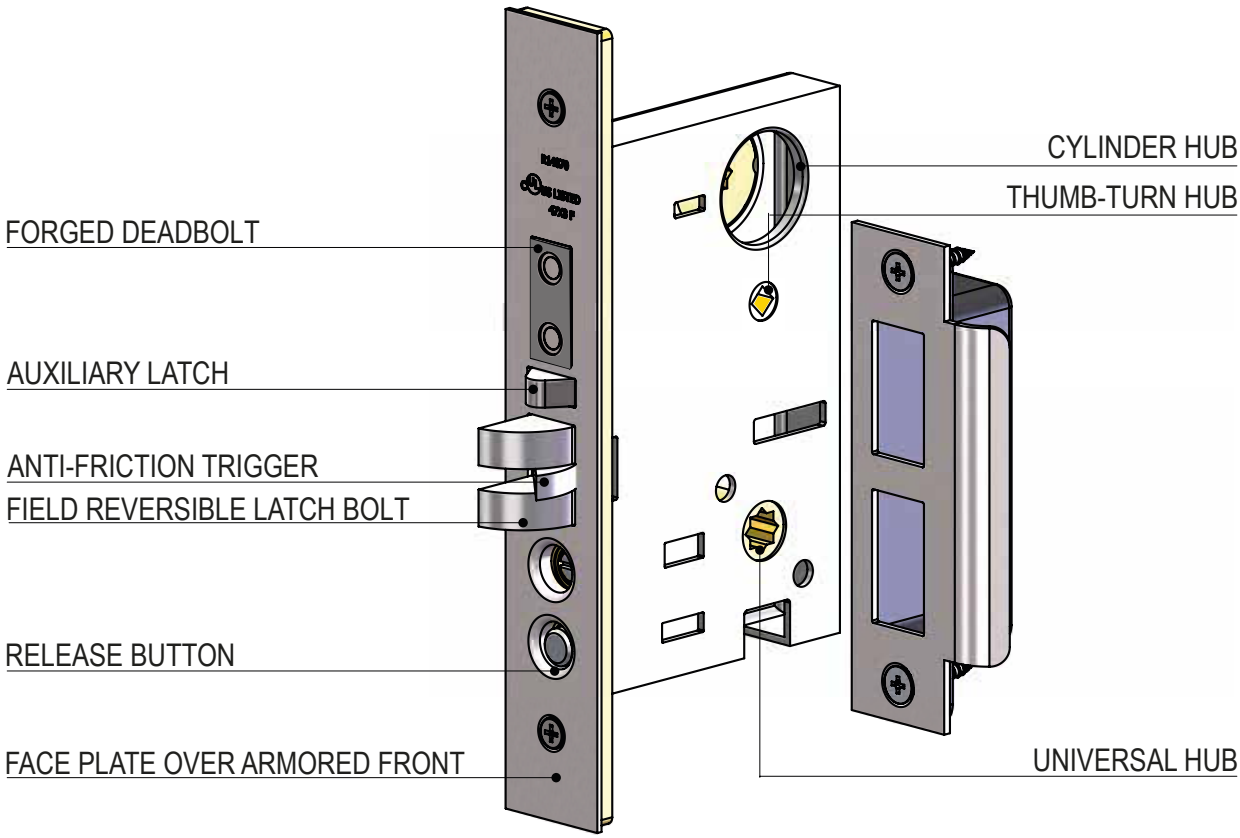
PBA 2MM.LCK SERIES MORTISE LOCKS FOR SOLID DOORS ARE ENGINEERED FOR DURABILITY AND OPTIMUM SECURITY. ALL LOCK CASES ARE CONSTRUCTED WITH QUALITY METAL WORKING PARTS, ENSURING THE LONG LASTING AND TROUBLE FREE OPERATION.

GRADE 1 ACCORDINGLY TO ANSI/BHMA 156.13 - 2005 AND UL – ULC LISTED THE 2MM.LCK MORTISE LOCKS CAN BE SPECIFIED FOR APPLICATION IN RESIDENTIAL, OFFICES, HOTELS, SCHOOLS AND COMMERCIAL BUILDINGS

AVAILABLE IN SEVEN DIFFERENT FUNCTIONS AND WITH TWO BACKSET (2 ½" AND 2 ¾") THE 2MM.LCK MORTISE LOCKS ARE EQUIPPED WITH A MECHANICAL ANTI-FRICTION LATCH BOLT AND A FULL 1" THROW DEADBOLT WITH TWO HARDENED STEEL ROLLERS FOR MAXIMUM SECURITY.

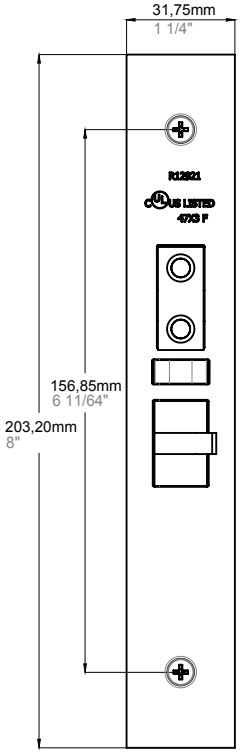
THE EXPOSED PARTS (DEADBOLT, LATCH BOLT, AUXILIARY LATCH AND BUTTONS) ARE IN FORGED BRASS AND FINISHED TO MATCH THE APPEARANCE OF THE STAINLESS STEEL FACEPLATE.

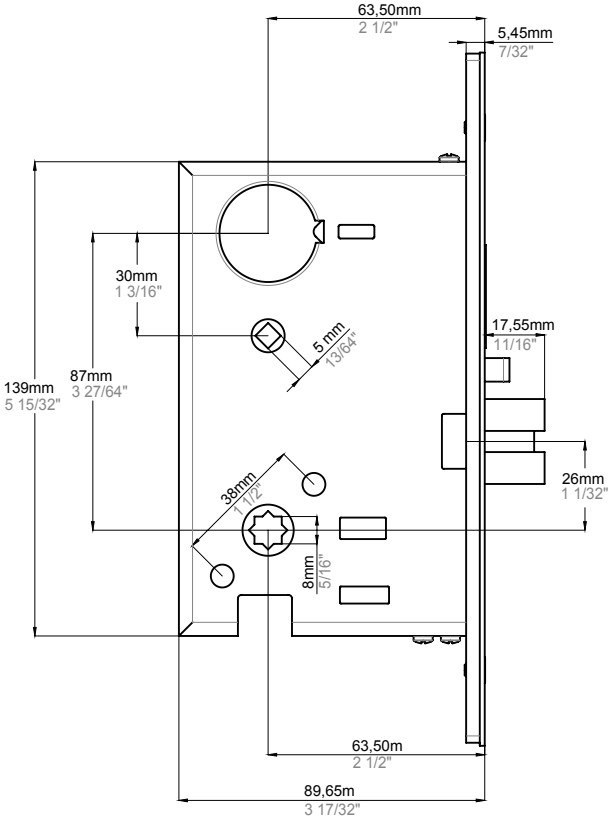
THE FIELD-REVERSIBLE DESIGN ALLOWS TO SWITCH HANDING ON SITE, WITHOUT OPENING THE LOCK CASE. 2MM.LCK MORTISE LOCKS FEATURE AN INDEPENDENT LEVER ROTATION.



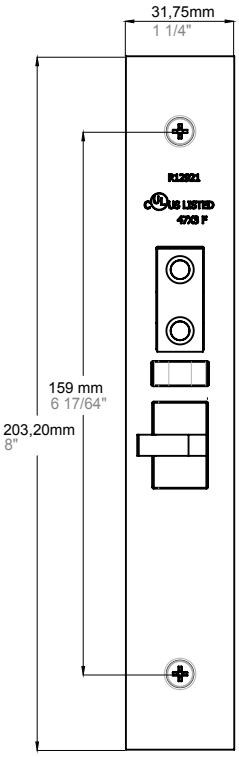
TECH SPECS

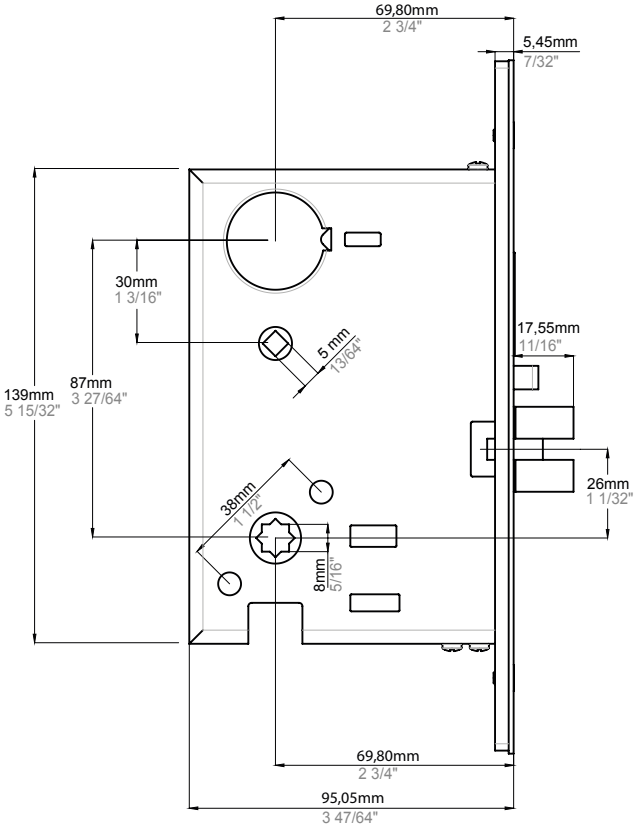
BACKSET 2 1/2
STANDARD





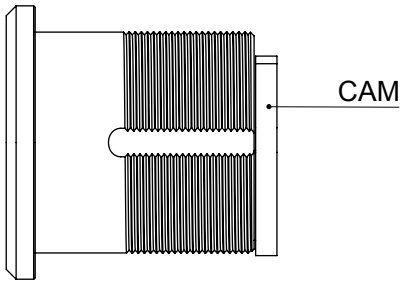
BACKSET 2 3/4
ON REQUEST
MOQ TO BE AGREED



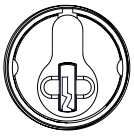


* solid door preparation template available for download at www.pba.it

MORTISE CYLINDERS



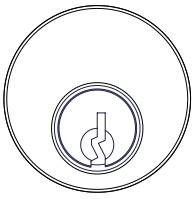
SUITABLE CAMS



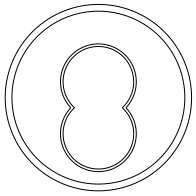
YA / YB

STRAIGHT

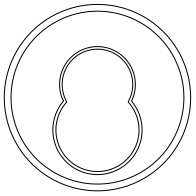
FORMATS



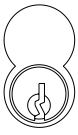
CONVENTIONAL



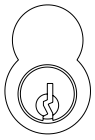
HOUSING FOR SFIC



HOUSING FOR LFIC

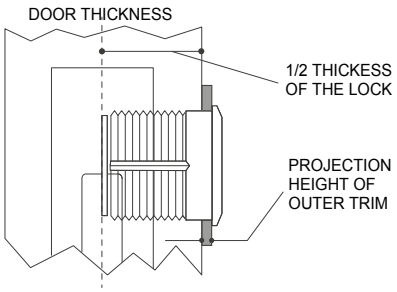


SFIC CORE
(compatible with any housing regardless the brand)

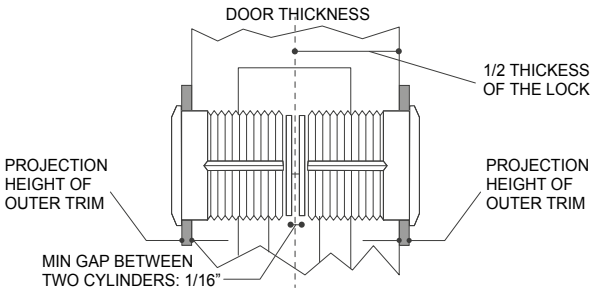


LFIC CORE
(compatible only with housing from the same brand)

SINGLE CYLINDER INSTALLATION



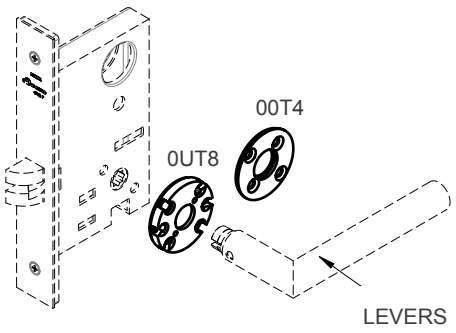
DOUBLE CYLINDERS INSTALLATION



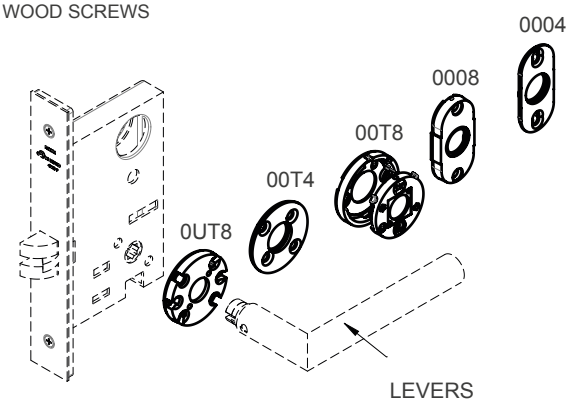
COMPATIBILITY WITH LOCKS

2MM.LCK - US MORTISE LOCK

BTB FIXING
METRIC SCREWS + BUSHING

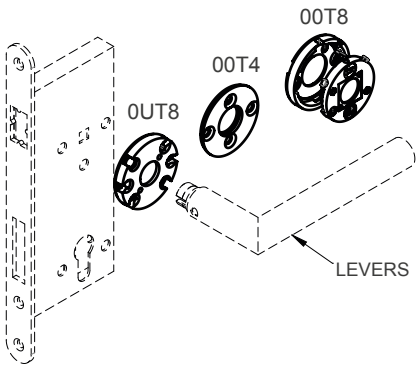


SINGLE FIXING
WOOD SCREWS

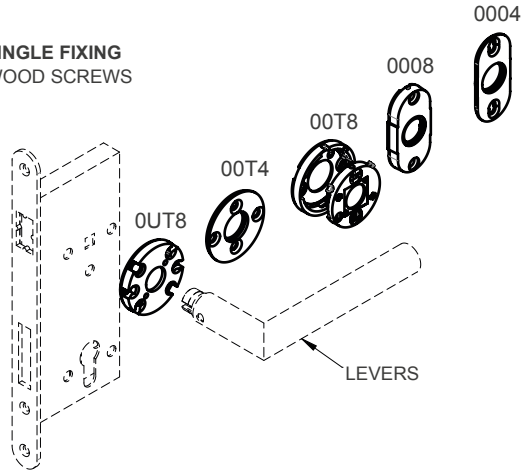


EUROPEAN MORTISE LOCK *

BTB FIXING
METRIC SCREWS + BUSHING

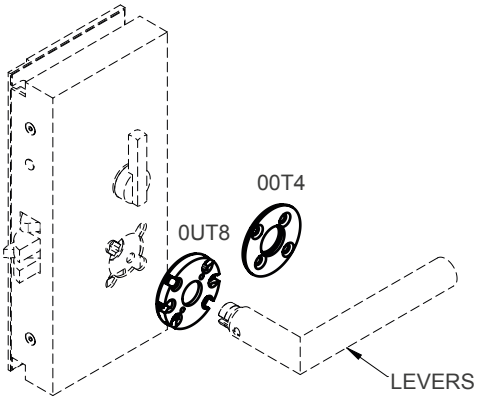


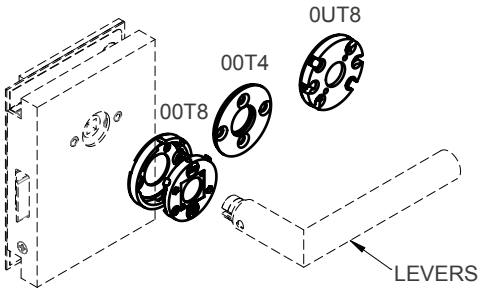
SINGLE FIXING
WOOD SCREWS



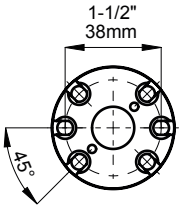
* horizontal fixing holes

BTB FIXING
METRIC SCREWS + BUSHING



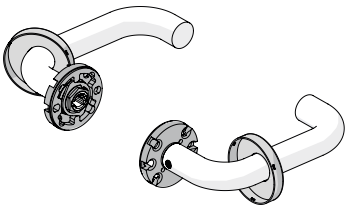


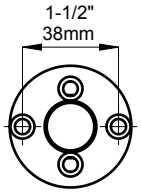
AVAILABLE TRIMS



0UT8 - ROUND ROSE 8 MM THICK WITH RETURN SPRING

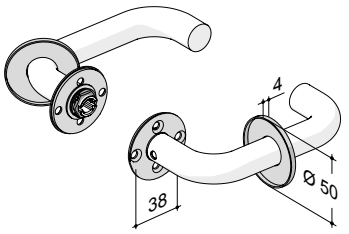
SUITABLE FOR :
SINGLE SIDE FIXING (SELF TAPPING SCREWS FOR WOOD DOOR)
BACK TO BACK FIXING FOR LOCKSET WITH 38 mm (1-1/2")
CTC HORIZONTAL HOLES OR 45° INCLINED HOLES

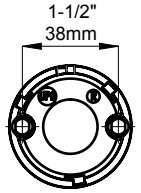




00T4 - ROUND ROSE 4 MM THICK WITHOUT RETURN SPRING (IT ROTATES FREELY)

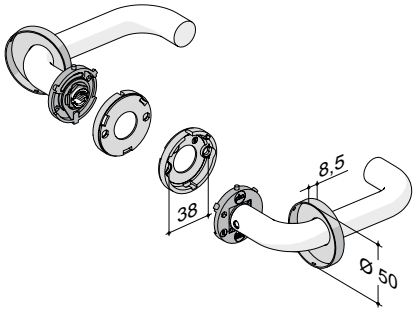
SUITABLE FOR :
SINGLE SIDE FIXING (SELF TAPPING SCREWS FOR WOOD DOOR)
BACK TO BACK FIXING FOR LOCKSET WITH 38 mm (1-1/2")
CTC HOLES (NO MATTER IF HORIZONTAL OR INCLINED)

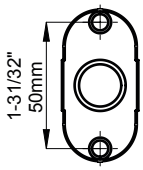




00T8 - ROUND ROSE 8 MM THICK WITH BLOK AND ROLL SYSTEM AND RETURN SPRING

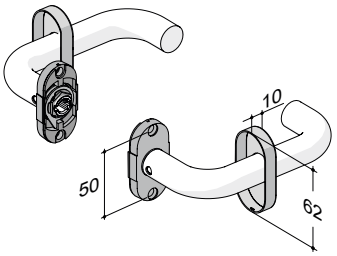
SUITABLE FOR :
SINGLE SIDE FIXING (SELF TAPPING SCREWS FOR WOOD DOOR)
BACK TO BACK FIXING FOR LOCKSET WITH 38 mm (1-1/2")
CTC HORIZONTAL HOLES

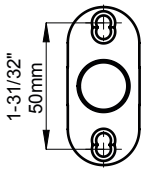




0008 - OVAL ROSE 8 MM THICK WITH RETURN SPRING

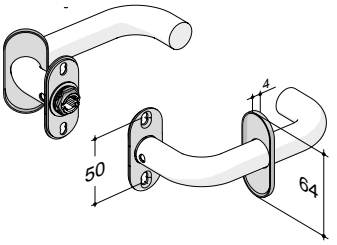
SUITABLE FOR :
SINGLE SIDE FIXING (SELF TAPPING SCREWS FOR WOOD DOOR)
BACK TO BACK FIXING FOR LOCKSET WITH 50 mm (1-31/32")
CTC VERTICAL HOLES



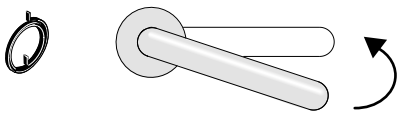


0004 - OVAL ROSE 4 MM THICK WITHOUT RETURN SPRING (IT ROTATES FREELY)

SUITABLE FOR :
SINGLE SIDE FIXING (SELF TAPPING SCREWS FOR WOOD DOOR)
BACK TO BACK FIXING FOR LOCKSET WITH 50 mm (1-31/32")
CTC VERTICAL HOLES



HANDLE FOR MORTISE WITH RETURN SPRING



RETURN SPRING
The return spring brings back the lever handle in horizontal position after use

MOLLA DI RITORNO
La molla di ritorno riporta la leva in posizione orizzontale dopo l'utilizzo

FIXING OPTIONS

SINGLE SIDE FIXING

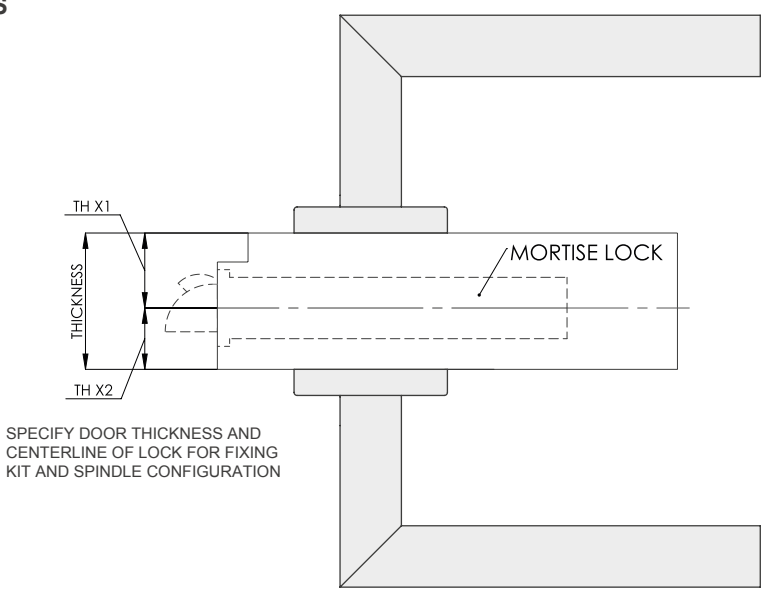
BACK TO BACK FIXING

SPINDLE OPTIONS

SWIVEL SPINDLE

SOLID SPINDLE

MORTISE LOCKS



SPECIFY DOOR THICKNESS AND CENTERLINE OF LOCK FOR FIXING KIT AND SPINDLE CONFIGURATION

TITLE 24 COMPLIANT LEVERSET - CALIFORNIA FIRE CODE SECTION 12-10-202

Levers. The lever of lever-actuated levers or locks shall be curved with a return to within 1/2″ of the face of the door to prevent catching on the clothing of persons during egress.

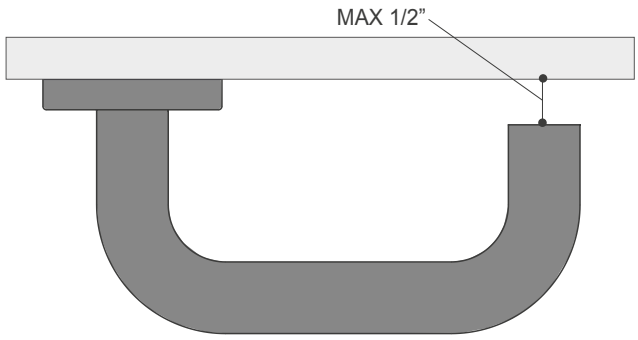
TITLE 24 COMPLIANCE FOR PBA PRODUCTS

SOLID DOORS (WOOD or METAL):

2MM.28B.00T4.xx	GOH.031.0UT8.xx
2MM.30B.00T4.xx	GOH.031.0UT5.xx
2MM.28U.0UT8.xx	GOH.031.0UT6.xx
2MM.30B.0UT8.xx	

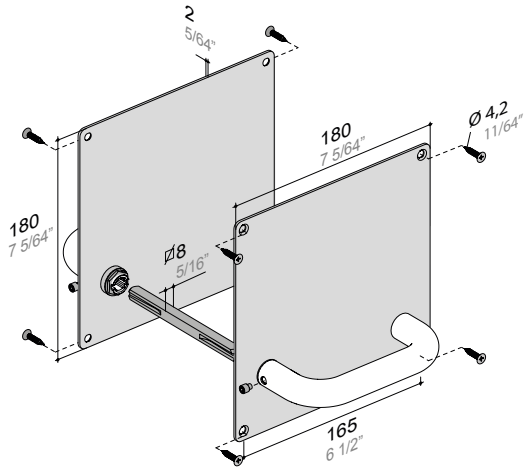
FRAMELESS GLASS DOOR WITH HGU LOCK :
2MM.28U.HGT4.xx
2MM.30B.HGT4.xx
2MM.28U.HGT8.xx.1(.2)
2MM.30U.HGT8.xx.1(.2)

FRAMELESS GLASS DOOR WITH HGL LOCK :
2MM.28B.HGT8.xx.1(.2)
2MM.30B.HGT8.xx.1(.2)



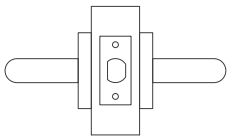
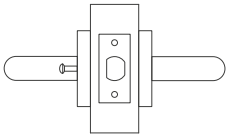
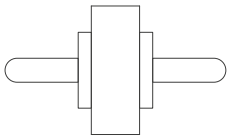
*SOLID DOOR TYPICAL INSTALLATION SHOWN

HANDLE ON PLATE WITHOUT RETURN SPRING FOR MORTISE LOCKS



PLATES
Plates: rectangular-square with or without ball-bearings in stainless steel AISI 316L, thickness 2 mm. The ball-bearings is connected to the plate.

LATCH

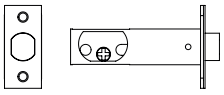
ANSI CODE - FUNCTION	ILLUSTRATION INSIDE ◄ | ► OUTSIDE	OPERATION
F75 - PASSAGE		LATCHBOLT OPERATED BY LEVER FROM EITHER SIDE AT ALL TIMES
F76A - BATHROOM		LATCHBOLT OPERATED BY LEVER FROM EITHER SIDE, EXCEPT WHEN OUTSIDE LEVER IS LOCKED BY PUSHING INSIDE BUTTON. EMERGENCY RELEASE THROUGH CLEARANCE HOLE ON THE OUTSIDE
DUMMY		BOTH LEVERS ALWAYS INOPERATIVE. NO TUBOLAR LATCH INSIDE THE DOOR

SINGLE DEADBOLT LOCK

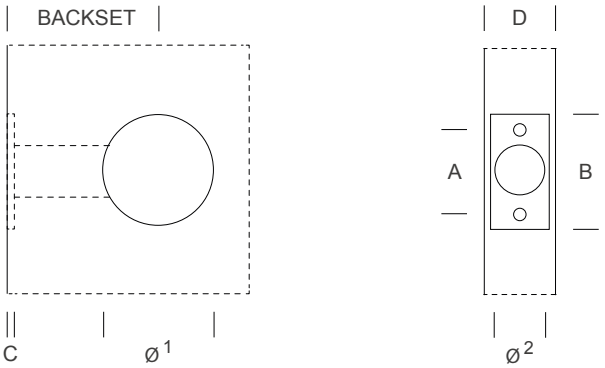
Backset 2 - 3/4" *
- key - thumbturn

ITEM
2MM.LCK.0H00. xx

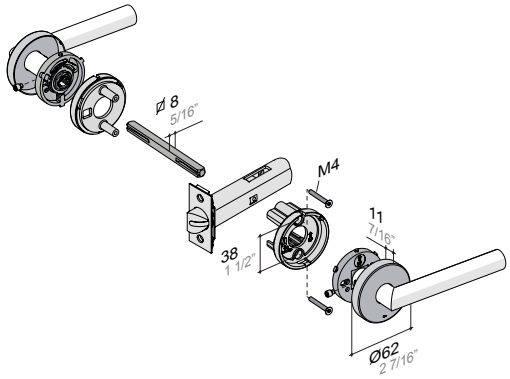
* Other backset available



DOOR PREPARATION AND THICKNESS (ANSI/BHMA A156.115-W-2006)
DOOR THICKNESS : 35 - 45 mm (1 3/8" - 1 3/4")



A	B	C	D	Ø 1	Ø 2
41,5 mm 1 5/8"	57,5 mm 2 1/4"	4 mm 5/32"	≥ 35 mm 1 3/8" ≤ 45 mm 1 3/4"	54 mm 2 1/8"	25,4 mm 1"



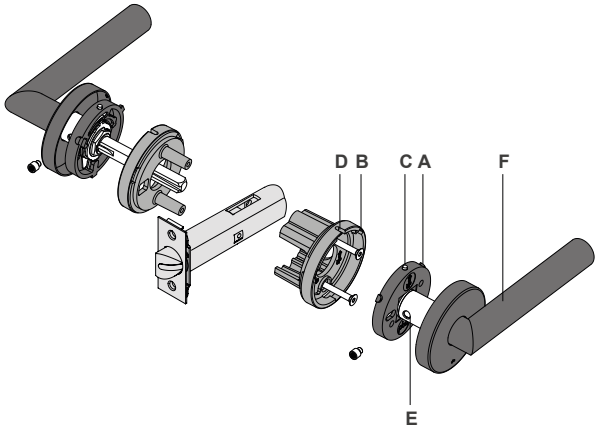
ROSES
Round roses with a return spring.
Inner rose in metal alloy and rose cover in stainless steel AISI 316L. Fixing system patent Block&Roll.

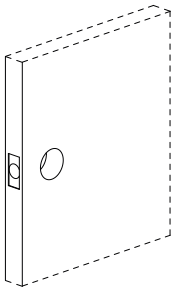
BLOK & ROLL

Ø 62mm
2 7/16"

latch

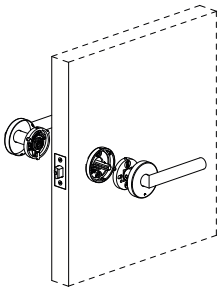
INSTALLATION - INSTALLAZIONE





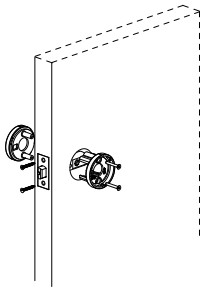
1

- Bores' preparation as per standard ANSI/BHMA A 156.115-W-2006



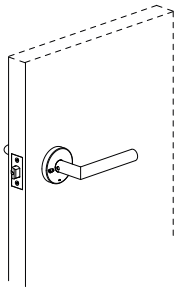
3

- Insert hold pins (A) in their seats (B), then turn until the lock pin (C) clicks in its seat (D).



2

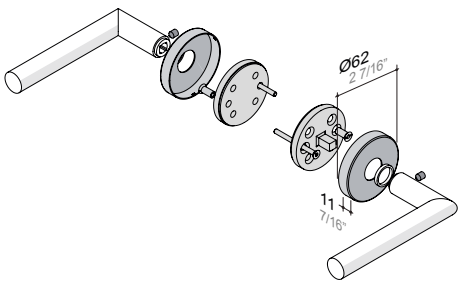
- Install the latch and the center supports and fix them with screws.



4

- Fix the levers (F) thightening the grub screws into their seats (E). Cover with

DUMMY



ROSES
Fixed round roses without a return spring.
Inner rose in metal alloy and rose cover in stainless steel AISI 316L. Fixing system patent Block&Roll.

Ø 62mm
2 7/16"

dummy