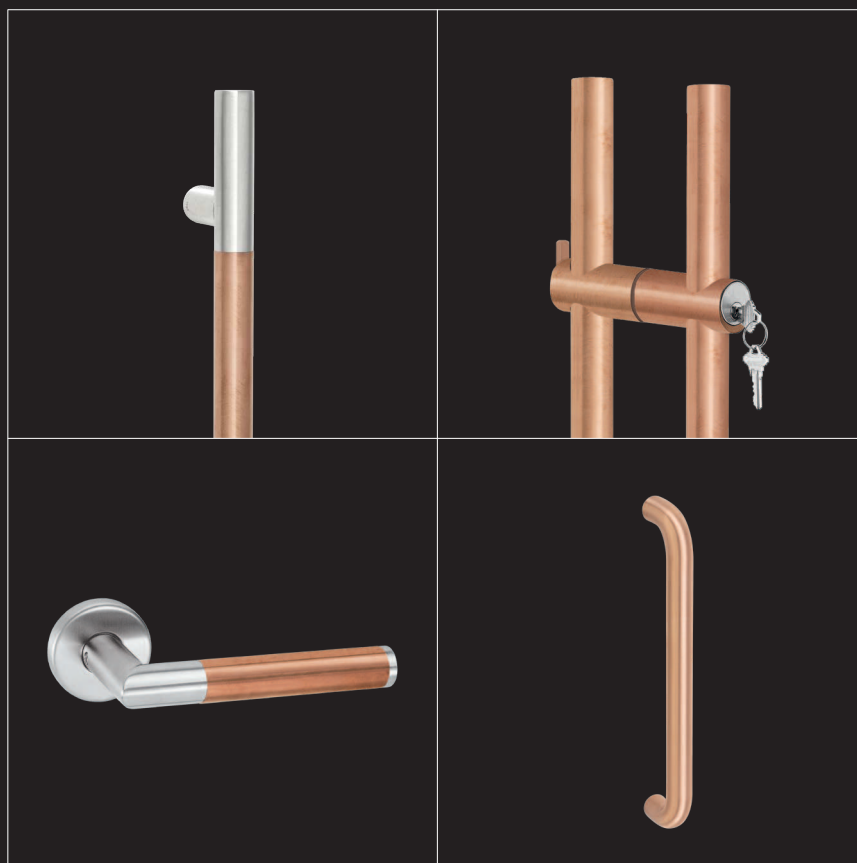




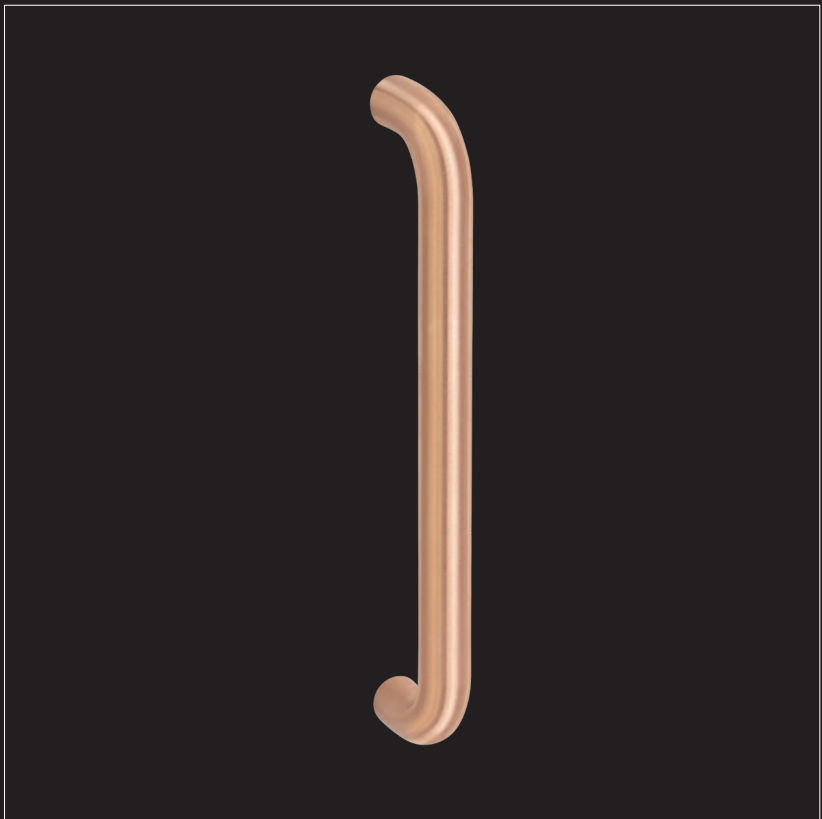
PROGRAMMA CU

COPPER - STAINLESS STEEL



MADE
IN ITALY

ANTIMICROBIAL
COPPER



Copper Facts: Antimicrobial Copper

In February 2008, the U.S. Environmental Protection Agency (EPA) approved the registration of 275 antimicrobial copper alloys. By April 2011, that number expanded to 355. This permits public health claims that copper is capable of killing harmful, potentially deadly bacteria.

Copper is the first solid surface material to receive this type of EPA registration, which is supported by extensive antimicrobial efficacy testing.

U.S. EPA registration is based on independent laboratory tests showing that, when cleaned regularly, copper kills greater than 99.9% of the following bacteria within 2 hours of exposure: Methicillin-resistant *Staphylococcus aureus* (MRSA), Vancomycin-resistant *Enterococcus faecalis* (VRE), *Staphylococcus aureus*, *Enterobacter aerogenes*, *Pseudomonas aeruginosa*, and *E. coli* O157:H7.

These bacteria are considered to be representative of the most dangerous pathogens capable of causing severe and often fatal infections.

The EPA studies show that on copper alloy surfaces, greater than 99.9% of MRSA, as well as the other bacteria shown above, are killed within two hours at room temperature.

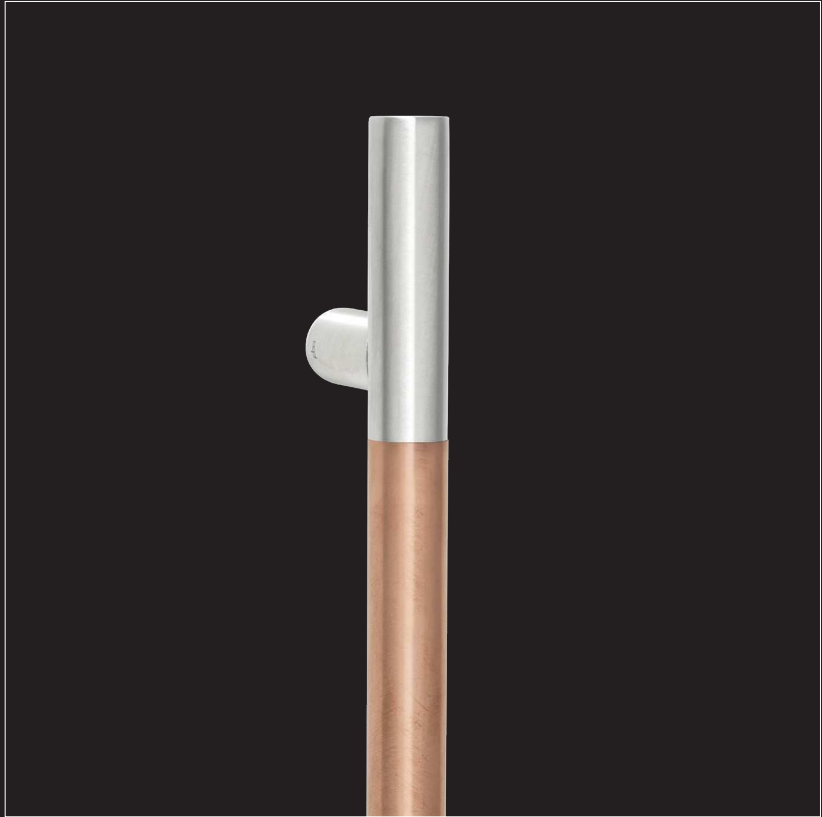
The Centers for Disease Control and Prevention (CDC) estimates that infections acquired in U.S. hospitals affect two million individuals every year and result in nearly 100,000 deaths annually. The use of copper alloys for frequently touched surfaces, as a supplement to existing CDC-prescribed hand-washing and disinfection regimens, has far-reaching implications.

Potential uses of the copper it can help to reduce the amount of disease-causing bacteria in healthcare, public spaces and generally in high attendance facilities includes door and furniture hardware.

Unlike coatings or other materials treatments, the antibacterial efficacy of copper metals won't wear away. They are solid through-and-through and are effective even when scratched. They offer long term protection; whereas, antimicrobial coatings are more fragile, and can deteriorate or and wear off after time.

In the beginning there is light, then the warmth of soft brown tones, and finally the growth of green. Copper changes through a range of colours, bringing objects to life a thousand times. It changes skin, but the strength to resist infections and atmospheric agents lasts forever.





STAINLESS STEEL

Products in stainless steel have natural antibacterial properties and a good handle on cleanliness.

pba is the premier brand of AISI 316L stainless steel, the hardest, most resistant and elastic steel.

The stainless steel AISI 316L is an austenitic alloy. It is distinguished from others inoxidizable steels by the high percentage of molybdenum which gives it a special resistance to pitting corrosion and stress corrosion. 316L stainless steel has a nickel's percentage higher than in less quality stainless steels to guarantee stability. Further, the "L" indicates low carbon, with a percentage less or equal to 0.03%.

AISI 316L chemical composition

Material - Stainless steel	C %C	r %N	i %M	o %
AISI 316L (1.4404)*0	,03 max	16.0-18.0	10.0-14.02	.00-3.00

Estimated pit corrosion time – time to penetrate 1 mm (years) by steel type

Location - Stainless Steel	Marine	Semi-industrial	Rural
Stainless steel AISI 316 (1.4401)	260	525	1200

Source: The British Stainless Steel Association [BSSA]

CHART OF PBA PRODUCTS CONTRIBUTION TO LEED V4

INTEGRATIVE PROCESS

☐ IP PREREQUISITE INTEGRATIVE PROCESS PLANNING AND DESIGN

MATERIALS AND RESOURCES

☐ MR PREREQUISITE CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT PLANNING

☐ MR CREDIT CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT

☐ MR CREDIT BUILDING PRODUCT DISCLOSURE AND OPTIMIZATION - SOURCING OF RAW MATERIALS
➔ OPTION 2 LEADERSHIP EXTRACTION PRACTICES

☐ MR CREDIT BUILDING PRODUCT DISCLOSURE AND OPTIMIZATION - MATERIAL INGREDIENTS
➔ OPTION 2 MATERIAL INGREDIENT OPTIMIZATION

INDOOR ENVIRONMENTAL QUALITY

☐ EQ CREDIT LOW EMITTING MATERIALS

☐ EQ CREDIT CONSTRUCTION AIR QUALITY MANAGEMENT PLAN

INNOVATION

☐ IN PILOT CREDIT  DESIGN FOR FLEXIBILITY

☐ IN PILOT CREDIT  SOCIAL EQUITY

☐ IN PILOT CREDIT  INCLUSIVE DESIGN

☐ IN CREDIT  DESIGN FOR DECONSTRUCTION

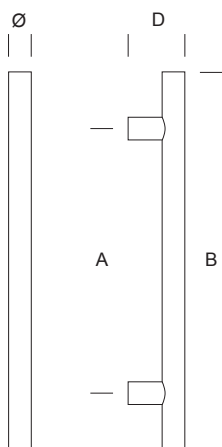
PULLS	PAGE 10
LADDER PULLS	PAGE 18
LEVERS	PAGE 44
MORTISE LOCKS	PAGE 53
LOCKSETS FOR GLASS DOOR	PAGE 58

PROGRAMMA CU

PULLS

ANTIMICROBIAL
COPPER



ANTIMICROBIAL
COPPER


ITEM	A	B	Ø	D
2CU.242.0025 .86	250 mm 9 27/32"	400 mm 15 3/4"	25 mm 1"	70 mm 2 3/4"
2CU.243.0030 .86	300 mm 11 13/16"	450 mm 17 23/32"	25 mm 1"	70 mm 2 3/4"
2CU.243.9999 .86	custom	custom	25 mm 1"	70 mm 2 3/4"

Max lenght B = 48"

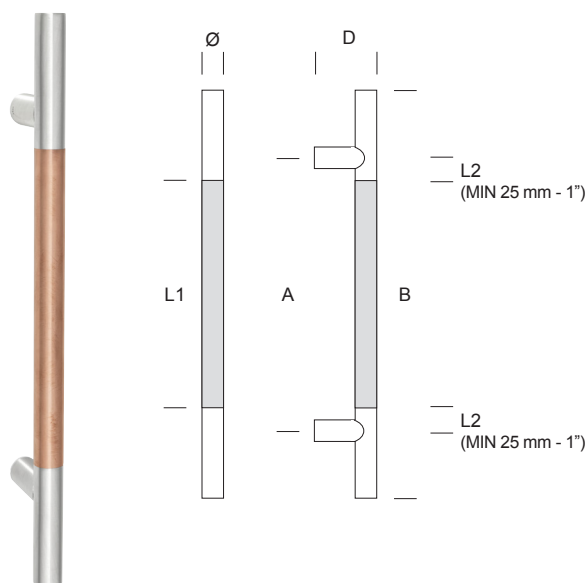
ADDITIONAL SUPPORT RECOMMENDED for CTC > 31-1/2"
(2 supports configuration available with OAL up to 48" with inner reinforcement)

FINISH CODE

.86 SATIN COPPER

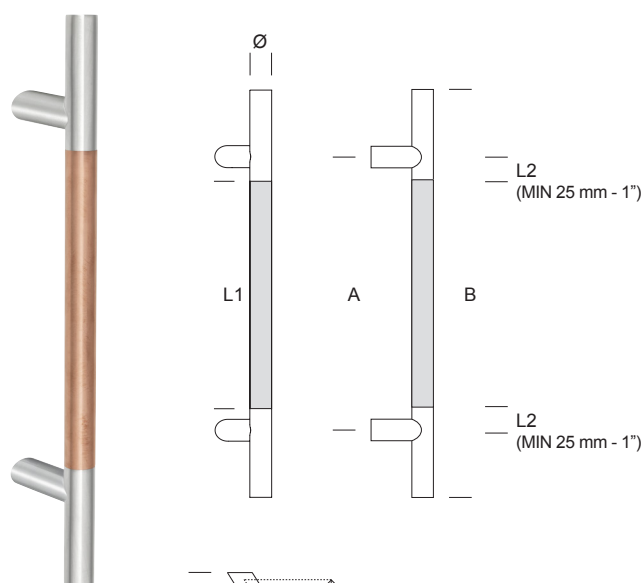
ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.

FIXING D
page 17

ANTIMICROBIAL
COPPER

☐ Stainless Steel
☒ Satin Copper

ITEM	A	B	Ø	D	L1
YOD.501.0C25 .4R	250 mm 9 7/8"	400 mm 15 3/4"	25 mm 1"	70 mm 2 3/4"	200 mm 7 7/8"
YOD.502.0C30 .4R	300 mm 11 13/16"	450 mm 17 3/4"	25 mm 1"	70 mm 2 3/4"	250 mm 9 7/8"
► YOD.502.C999 .4R	custom	custom	25 mm 1"	70 mm 2 3/4"	custom

► The additional support is necessary for A > 1050 mm - 41 11/32"


☐ Stainless Steel
☒ Satin Copper

ITEM	A	B	Ø	D	E	L1
YOD.501.C25I .4R	250 mm 9 7/8"	400 mm 15 3/4"	25 mm 1"	84 mm 3 5/16"	68 mm 2 11/16"	200 mm 7 7/8"
YOD.502.C30I .4R	300 mm 11 13/16"	450 mm 17 3/4"	25 mm 1"	84 mm 3 5/16"	68 mm 2 11/16"	250 mm 9 7/8"
► YOD.502.C99I .4R	custom	custom	25 mm 1"	84 mm 3 5/16"	68 mm 2 11/16"	custom

► The additional support is necessary for A > 1050 mm - 41 11/32"

FINISH CODE

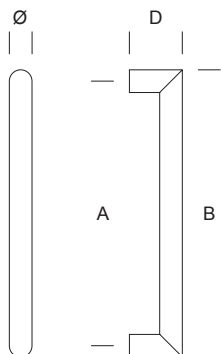
COPPER
.4R SATIN COPPER

STAINLESS STEEL
SATIN STAINLESS STEEL (ANSI/BHMA 630 - USD32D)

ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.

FIXING D
page 17

ANTIMICROBIAL
COPPER



ITEM	A	B	Ø	D
2CU.265.0030 .86	300 mm 11 13/16"	325 mm 12 51/64"	25 mm 1"	65 mm 2 9/16"
2CU.265.9999 .86	custom	custom	25 mm 1"	65 mm 2 9/16"

Max lenght B = 31 1/2"

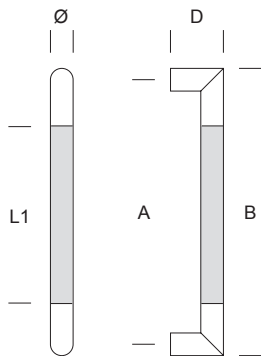
FINISH CODE

.86 SATIN COPPER

ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.

FIXING D
page 17

ANTIMICROBIAL
COPPER



- ☐ Stainless Steel
- ☐ Satin Copper

ITEM	A	B	Ø	D	L1
YOD.260.0C25.4R	250 mm 9 7/8"	270 mm 10 5/8"	20 mm 25/32"	60 mm 2 23/64"	160 mm 6 5/16"

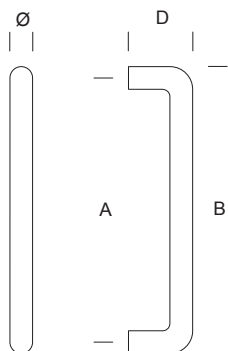
Model not available custom size

FINISH CODE

COPPER	STAINLESS STEEL
.4R SATIN COPPER	SATIN STAINLESS STEEL (ANSI/BHMA 630 - USD32D)

ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.

ANTIMICROBIAL
COPPER



ITEM	A	B	Ø	D
2CU.229.0025 .86	250 mm 9 27/32"	275 mm 10 53/64"	25 mm 1"	70 mm 2 3/4"
2CU.230.0030 .86	300 mm 11 13/16"	325 mm 12 51/64"	25 mm 1"	70 mm 2 3/4"
2CU.231.0035 .86	350 mm 13 25/32"	375 mm 14 49/64"	25 mm 1"	70 mm 2 3/4"

Model not available custom size

FINISH CODE

.86 SATIN COPPER

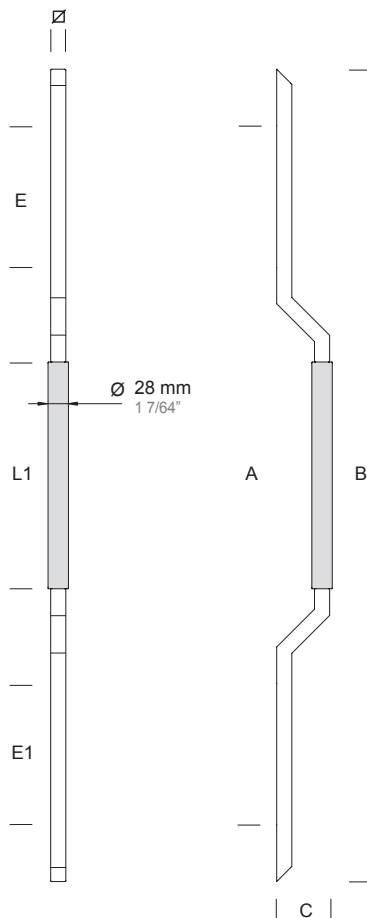
ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.

FIXING D
page 17

ANTIMICROBIAL
COPPER

P B A
PATENTED
DESIGN

PATENT
003997899

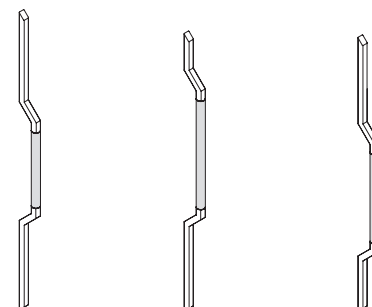


□ Stainless Steel
■ Satin Copper

ITEM	◆ A	B	Ø	C	E	E1	L1
STU.001.0135 .4R	1350 mm 53 5/32"	1500 mm 59 1/16"	20 mm 25/32"	74 mm 2 29/32"	400 mm 15 3/4"	400 mm 15 3/4"	300 mm 11 13/16"
* STU.001.9999 .4R .x	custom	custom	20 mm 25/32"	74 mm 2 29/32"	custom	custom	custom

* COMBINED VERSIONS AVAILABLE ON REQUEST

Two fixing kit are needed



STU.001.9999 .xx
E = 600 23 5/8"
E1 = 600 23 5/8"
L1 = custom

STU.001.9999 .xx
E = 200 7 7/8"
E1 = 600 23 5/8"
L1 = custom

STU.001.9999 .xx
E = 600 23 5/8"
E1 = 400 15 3/4"
L1 = custom

FINISH CODE

.4R COPPER
SATIN COPPER

STAINLESS STEEL
SATIN STAINLESS STEEL (ANSI/BHMA 630 - USD32D)

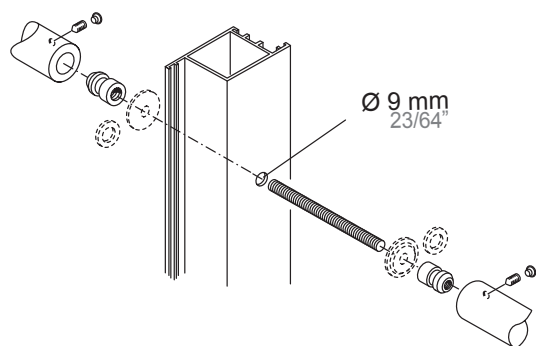
ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.

◆
. 1 RIGHT
. 2 LEFT

FIXING D
page 17

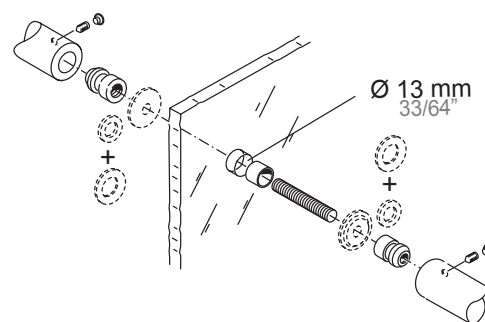
FIXINGS D

FIX.710.000D.B2



- BACK TO BACK FIXING FOR WOOD, ALUMINUM, PVC

FIX.810.000D.B2



- BACK TO BACK FIXING FOR GLASS

Glass protections included

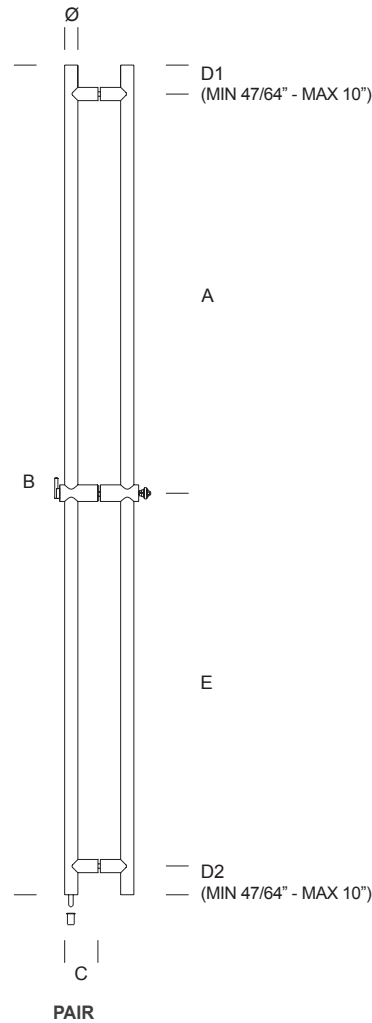
PROGRAMMA CU

LOCKING AND NO LOCKING LADDER PULLS

ANTIMICROBIAL
COPPER



LOCKING FULL SIZE



ANTIMICROBIAL
COPPER

PBA
PATENTED
SYSTEM

PATENT
102019000012465

CYLINDER NOT INCLUDED



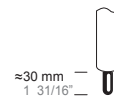
RIM CYLINDER
WITH IC



RIM CYLINDER



ADA COMPLIANT
THUMBTURN



ADJUSTABLE STEEL
DEAD BOLT



DUST-FREE
FLOOR SOCKET

BRAND OF COMPATIBLE RIM CYLINDER:

- ARROW
- CORBIN RUSSWIN
- MEDECO
- SCHLAGE
- BEST
- KABAILCO
- SARGENT
- YALE

PAIR



BOTTOM
LOCKING

ITEM	A	B	C	D1	D2	E	Ø
KLU.004.000U .86	1050 mm 41 11/32"	2200 mm 86 5/8"	85 mm 3 11/32"	75 mm 2 15/16"	75 mm 2 15/16"	1000 mm 39 3/8"	37 mm 1 29/64"
KLU.004.0U72 .86	custom	1828 mm 72"	85 mm 3 11/32"	custom	custom	custom	37 mm 1 29/64"
KLU.004.0U84 .86	custom	2133 mm 84"	85 mm 3 11/32"	custom	custom	custom	37 mm 1 29/64"
KLU.004.999U .86	custom	custom	85 mm 3 11/32"	custom	custom	custom	37 mm 1 29/64"

DOOR PREPARATION DP1
page 37

SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U4.99
page 36
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

COMBINED NON LOCKING
page 25

ITEM
KLU.0G4.000U
KLU.0G4.999U
KLU.0G4.0U72
KLU.0G4.0U84

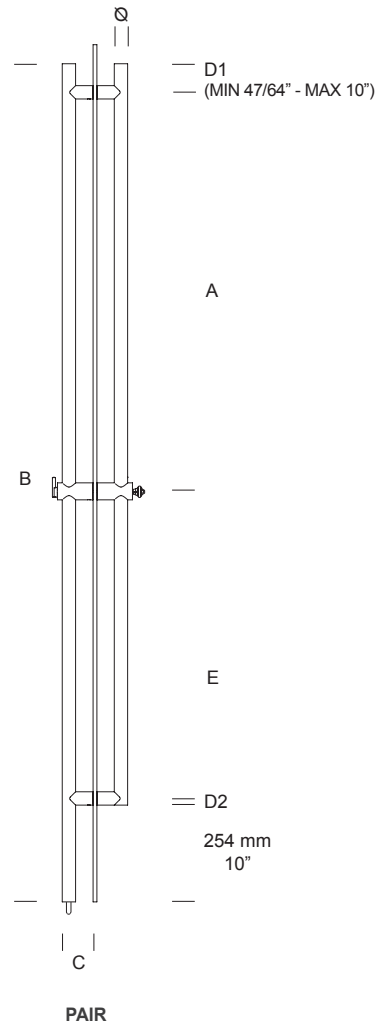
FINISH CODE

.86 SATIN COPPER

ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.



LOCKING FULL SIZE



ANTIMICROBIAL
 COPPER

ADA
 10"
 clearance
 layout

PBA
 PATENTED
 SYSTEM

PATENT
 102019000012465

CYLINDER NOT INCLUDED



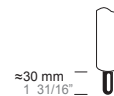
RIM CYLINDER
 WITH IC



RIM CYLINDER



ADA COMPLIANT
 THUMBTURN



ADJUSTABLE STEEL
 DEAD BOLT



DUST-FREE
 FLOOR SOCKET

BRAND OF COMPATIBLE RIM CYLINDER:
 - ARROW
 - CORBIN RUSSWIN
 - MEDECO
 - SCHLAGE
 - BEST
 - KABAILCO
 - SARGENT
 - YALE

PAIR

BOTTOM
 LOCKING



ITEM	A	B	C	D1	D2	E	Ø
KLU.004.00TU. 86	1050 mm 41 11/32"	2200 mm 86 5/8"	85 mm 3 11/32"	75 mm 2 15/16"	18,5 mm 47/64"	802,5 mm 31 19/32"	37 mm 1 29/64"
KLU.004.TU72. 86	custom	1828 mm 72"	85 mm 3 11/32"	custom	18,5 mm 47/64"	custom	37 mm 1 29/64"
KLU.004.TU84. 86	custom	2133 mm 84"	85 mm 3 11/32"	custom	18,5 mm 47/64"	custom	37 mm 1 29/64"
KLU.004.99TU. 86	custom	custom	85 mm 3 11/32"	custom"	18,5 mm 47/64"	custom	37 mm 1 29/64"

DOOR PREPARATION DP1
 page 37

SPACERS FOR DOUBLE GLAZED DOOR
 KLU.KIT.99U4.99
 page 36
 SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

COMBINED NON LOCKING
 page 26

ITEM
 KLU.0G4.00TU
 KLU.0G4.99TU
 KLU.0G4.TU72
 KLU.0G4.TU84

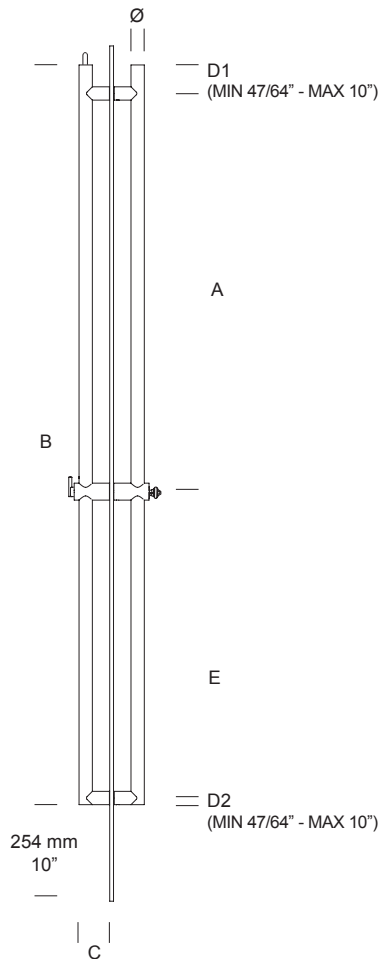
FINISH CODE

.86 SATIN COPPER

ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
 REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
 PREPARATION AND INSTALLATION.



LOCKING FULL SIZE



PAIR

ANTIMICROBIAL
COPPER

ADA
10"
clearance
Layout

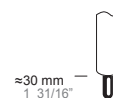
PBA
PATENTED
SYSTEM

PATENT
102019000012465

CYLINDER NOT INCLUDED


RIM CYLINDER
WITH IC


RIM CYLINDER


ADA COMPLIANT
THUMBTURN

ADJUSTABLE STEEL
DEAD BOLT

DUST-FREE
FLOOR SOCKET

BRAND OF COMPATIBLE RIM CYLINDER:

- ARROW
- CORBIN RUSSWIN
- MEDECO
- SCHLAGE
- BEST
- KABAILCO
- SARGENT
- YALE

PAIR

TOP
LOCKING


ITEM	A	B	C	D1	D2	E	Ø
KLU.004.00RU. 86	1050 mm 41 11/32"	1945 mm 76 9/16"	85 mm 3 11/32"	75 mm 2 15/16"	18,5 mm 47/64"	802,5 mm 31 19/32"	37 mm 1 29/64"
KLU.004.RU72. 86	custom	1828 mm 72"	85 mm 3 11/32"	custom	custom	custom	37 mm 1 29/64"
KLU.004.99RU. 86	custom	custom	85 mm 3 11/32"	custom	custom	custom	37 mm 1 29/64"

DOOR PREPARATION DP1
page 37

SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U4.99
page 36
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

STRIKE DETAILS
page 34

COMBINED NON LOCKING
page 27

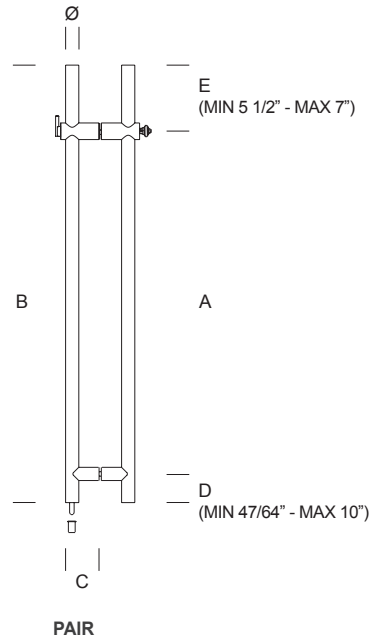
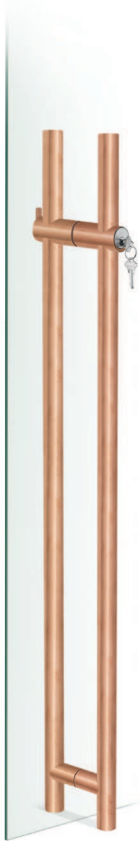
ITEM
KLU.0G4.000U
KLU.0G4.999U
KLU.0G4.0U72
KLU.0G4.0U84

FINISH CODE

.86 SATIN COPPER

ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.


LOCKING HALF SIZE



ANTIMICROBIAL
COPPER

PBA
PATENTED
SYSTEM

PATENT
102019000012465

CYLINDER NOT INCLUDED



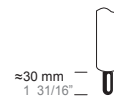
RIM CYLINDER
WITH IC



RIM CYLINDER



ADA COMPLIANT
THUMBTURN



ADJUSTABLE STEEL
DEAD BOLT



DUST-FREE
FLOOR SOCKET

BRAND OF COMPATIBLE RIM CYLINDER:

- ARROW
- CORBIN RUSSWIN
- MEDECO
- SCHLAGE
- BEST
- KABAILCO
- SARGENT
- YALE

PAIR

BOTTOM
LOCKING



ITEM	A	B	C	D	E	Ø
KLU.002.000U. 86	1000 mm 39 3/8"	1250 mm 49 1/4"	85 mm 3 11/32"	75 mm 2 15/16"	175 mm 6 7/8"	37 mm 1 29/64"
KLU.002.0U48. 86	custom	1219 mm 48"	85 mm 3 11/32"	custom	custom	37 mm 1 29/64"
KLU.002.0U60. 86	custom	1524 mm 60"	85 mm 3 11/32"	custom	custom	37 mm 1 29/64"
KLU.002.999U. 86	custom	custom	85 mm 3 11/32"	custom	custom	37 mm 1 29/64"

DOOR PREPARATION DP2
page 38

SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U2.99
page 36
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

COMBINED NON LOCKING
page 28

ITEM
KLU.0G2.000U
KLU.0G2.999U
KLU.0G2.0U48
KLU.0G2.0U60

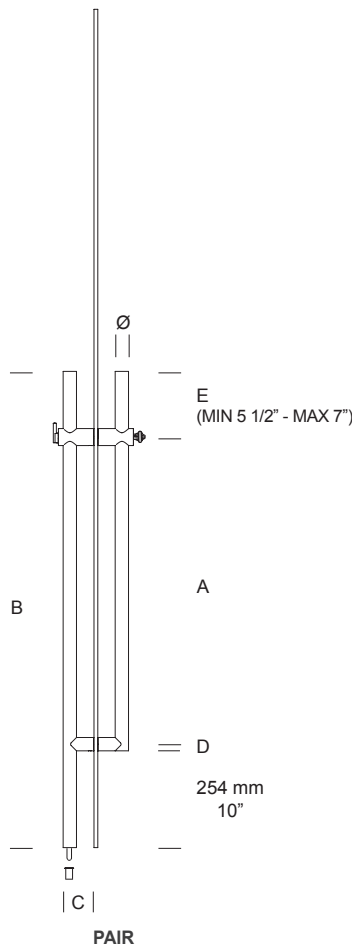
FINISH CODE

.86 SATIN COPPER

ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.



LOCKING HALF SIZE



ANTIMICROBIAL
COPPER

ADA
10"
clearance
Layout

PBA
PATENTED
SYSTEM

PATENT
102019000012465

CYLINDER NOT INCLUDED



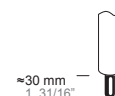
RIM CYLINDER
WITH IC



RIM CYLINDER



ADA COMPLIANT
THUMBTURN



ADJUSTABLE STEEL
DEAD BOLT



DUST-FREE
FLOOR SOCKET

BRAND OF COMPATIBLE RIM CYLINDER:

- ARROW
- CORBIN RUSSWIN
- MEDECO
- SCHLAGE
- BEST
- KABAILCO
- SARGENT
- YALE

PAIR

BOTTOM
LOCKING



ITEM	A	B	C	D	E	Ø
KLU.002.00TU. 86	802,5 mm 31 19/32"	1250 mm 49 1/4"	85 mm 3 11/32"	18,5 mm 47/64"	175 mm 6 7/8"	37 mm 1 29/64"
KLU.002.TU48. 86	custom	1219 mm 48"	85 mm 3 11/32"	18,5 mm 47/64"	custom	37 mm 1 29/64"
KLU.002.TU60. 86	custom	1524 mm 60"	85 mm 3 11/32"	18,5 mm 47/64"	custom	37 mm 1 29/64"
KLU.002.99TU. 86	custom	custom	85 mm 3 11/32"	18,5 mm 47/64"	custom	37 mm 1 29/64"

DOOR PREPARATION DP2
page 38

SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U2.99
page 36
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

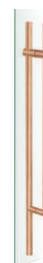
COMBINED NON LOCKING
page 29

ITEM
KLU.0G2.00TU
KLU.0G2.99TU
KLU.0G2.0T48
KLU.0G2.0T60

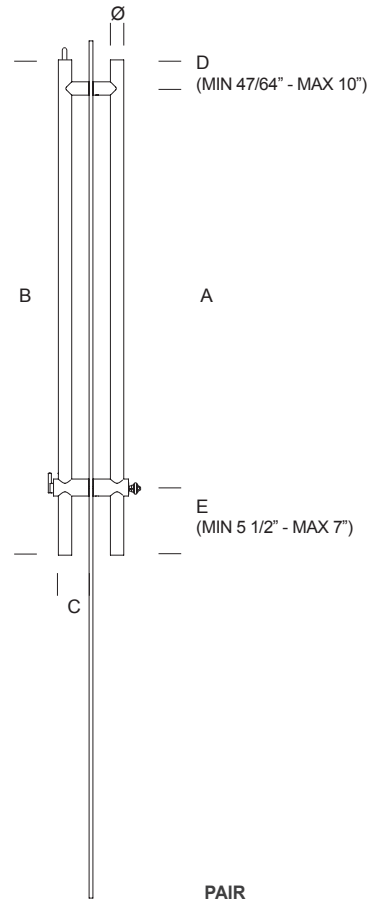
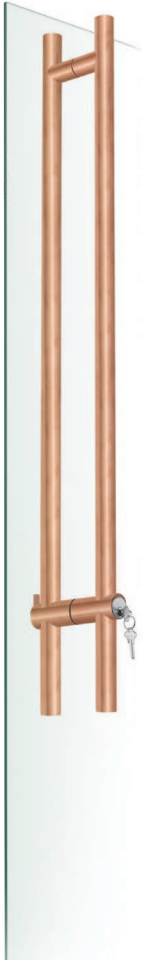
FINISH CODE

.86 SATIN COPPER

ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.



LOCKING HALF SIZE



ANTIMICROBIAL
COPPER

ADA
10"
clearance
Layout

PBA
PATENTED
SYSTEM

PATENT
102019000012465

CYLINDER NOT INCLUDED



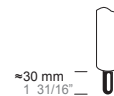
RIM CYLINDER
WITH IC



RIM CYLINDER



ADA COMPLIANT
THUMBTURN



ADJUSTABLE STEEL
DEAD BOLT



DUST-FREE
FLOOR SOCKET

BRAND OF COMPATIBLE RIM CYLINDER:

- ARROW
- CORBIN RUSSWIN
- MEDECO
- SCHLAGE
- BEST
- KABAILCO
- SARGENT
- YALE

PAIR

TOP
LOCKING



ITEM	A	B	C	D	E	Ø
KLU.002.00RU. 86	1050 mm 41 11/32"	1300 mm 51 3/16"	85 mm 3 11/32"	75 mm 2 15/16"	175 mm 6 7/8"	37 mm 1 29/64"
KLU.002.RU48. 86	custom	1219 mm 48"	85 mm 3 11/32"	custom	custom	37 mm 1 29/64"
KLU.002.RU60. 86	custom	1524 mm 60"	85 mm 3 11/32"	custom	custom	37 mm 1 29/64"
KLU.002.RU72. 86	custom	1828 mm 72"	85 mm 3 11/32"	custom	custom	37 mm 1 29/64"
KLU.002.99RU. 86	custom	custom	85 mm 3 11/32"	custom	custom	37 mm 1 29/64"

DOOR PREPARATION DP3
page 39

SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U2.99
page 36
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

STRIKE DETAILS
page 34

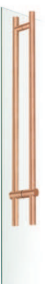
COMBINED NON LOCKING
page 30

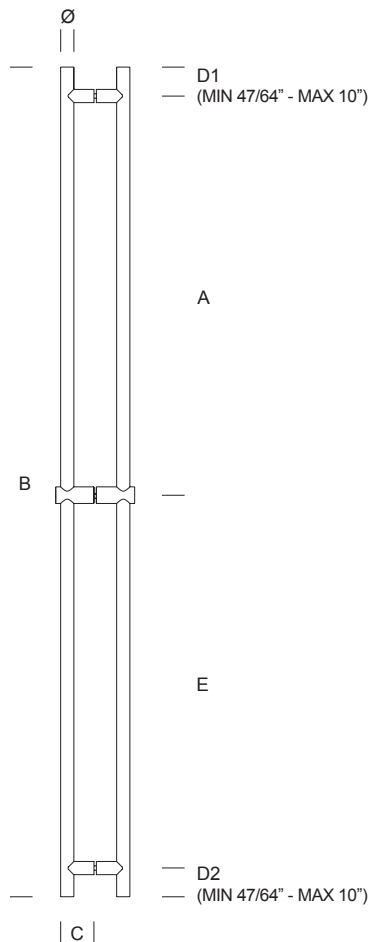
ITEM
KLU.0G2.00RU
KLU.0G2.99RU
KLU.0G2.RU48
KLU.0G2.RU60
KLU.0G2.RU72

FINISH CODE

.86 SATIN COPPER

ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.



NON LOCKING
FULL SIZE

ANTIMICROBIAL
COPPER

BACK TO BACK FIXING KIT
ALWAYS INCLUDED
SUITABLE FOR GLASS /
WOOD / METAL DOOR

PAIR

	ITEM	A	B	C	D1	D2	E	Ø
PAIR	KLU.0G4.000U. 86	1050 mm 41 11/32"	2200 mm 86 5/8"	85 mm 3 11/32"	75 mm 2 15/16"	75 mm 2 15/16"	1000 mm 39 3/8"	37 mm 1 29/64"
	KLU.0G4.0U72. 86	custom	1828 mm 72"	85 mm 3 11/32"	custom	custom	custom	37 mm 1 29/64"
	KLU.0G4.0U84. 86	custom	2133 mm 84"	85 mm 3 11/32"	custom	custom	custom	37 mm 1 29/64"
	KLU.0G4.999U. 86	custom	custom	85 mm 3 11/32"	custom	custom	custom	37 mm 1 29/64"

DOOR PREPARATION DP1
page 37

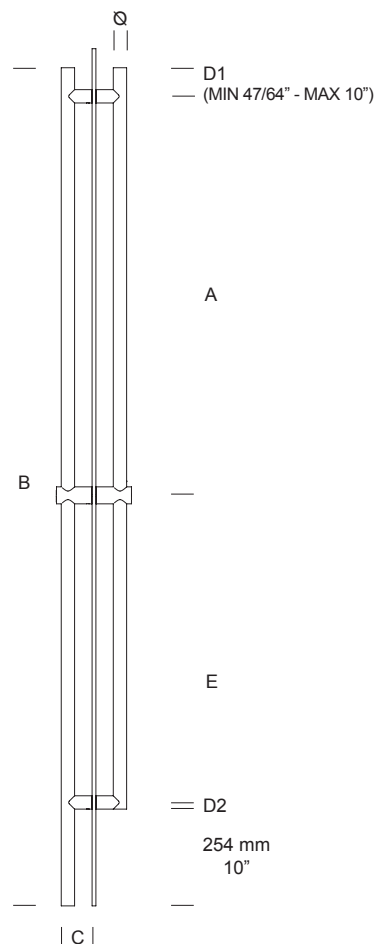
NON LOCKING TO MATCH PULL ON
page 31

SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U4.99
page 36
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

FINISH CODE

.86 SATIN COPPER

ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.

NON LOCKING
FULL SIZE

ANTIMICROBIAL
COPPER

ADA
10"
clearance
l a y o u t

BACK TO BACK FIXING KIT
ALWAYS INCLUDED
SUITABLE FOR GLASS /
WOOD / METAL DOOR

PAIR

	ITEM	A	B	C	D1	D2	E	Ø
PAIR	KLU.0G4.00TU. 86	1050 mm 41 11/32"	2200 mm 86 5/8"	85 mm 3 11/32"	75 mm 2 15/16"	18,5 mm 47/64"	802,5 mm 31 19/32"	37 mm 1 29/64"
	KLU.0G4.TU72. 86	custom	1828 mm 72"	85 mm 3 11/32"	custom	18,5 mm 47/64"	custom	37 mm 1 29/64"
	KLU.0G4.TU84. 86	custom	2133 mm 84"	85 mm 3 11/32"	custom	18,5 mm 47/64"	custom	37 mm 1 29/64"
	KLU.0G4.99TU. 86	custom	custom	85 mm 3 11/32"	custom	18,5 mm 47/64"	custom	37 mm 1 29/64"

DOOR PREPARATION DP1
page 37

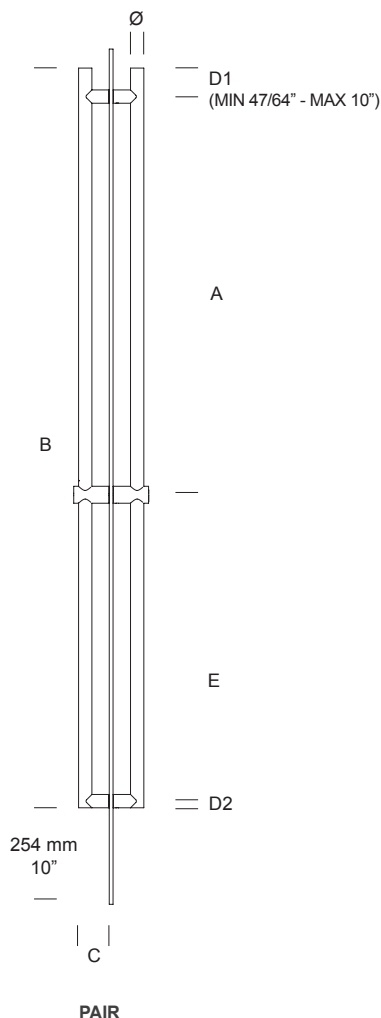
SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U4.99
page 36
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

NON LOCKING TO MATCH PULL ON
page 32

FINISH CODE

.86 SATIN COPPER

ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.

NON LOCKING
FULL SIZE

ANTIMICROBIAL
COPPER

ADA
10"
clearance
l a y o u t

BACK TO BACK FIXING KIT
ALWAYS INCLUDED
SUITABLE FOR GLASS /
WOOD / METAL DOOR

	ITEM	A	B	C	D1	D2	E	Ø
PAIR	KLU.0G4.00RU. 86	1050 mm 41 11/32"	1945 mm 76 9/16"	85 mm 3 11/32"	75 mm 2 15/16"	18,5 mm 47/64"	802,5 mm 31 19/32"	37 mm 1 29/64"
	KLU.0G4.RU72. 86	custom	1828 mm 72"	85 mm 3 11/32"	custom	18,5 mm 47/64"	custom	37 mm 1 29/64"
	KLU.0G4.99RU. 86	custom	custom	85 mm 3 11/32"	custom	18,5 mm 47/64"	custom	37 mm 1 29/64"

DOOR PREPARATION DP1
page 37

SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U4.99
page 36
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

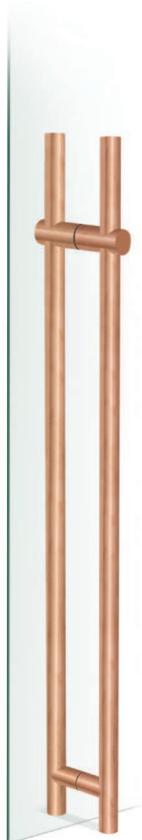
NON LOCKING TO MATCH PULL ON
page 33

FINISH CODE

.86 SATIN COPPER

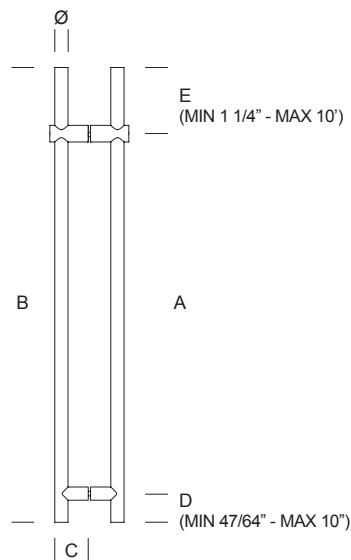
ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.

NON LOCKING HALF SIZE



ANTIMICROBIAL
COPPER

BACK TO BACK FIXING KIT
ALWAYS INCLUDED
SUITABLE FOR GLASS /
WOOD / METAL DOOR



PAIR

PAIR



ITEM	A	B	C	D	E	Ø
KLU.0G2.000U. 86	1000 mm 39 3/8"	1250 mm 49 1/4"	85 mm 3 11/32"	75 mm 2 15/16"	175 mm 6 7/8"	37 mm 1 29/64"
KLU.0G2.0U48. 86	custom	1219 mm 48"	85 mm 3 11/32"	custom	custom	37 mm 1 29/64"
KLU.0G2.0U60. 86	custom	1524 mm 60"	85 mm 3 11/32"	custom	custom	37 mm 1 29/64"
KLU.0G2.999U. 86	custom	custom	85 mm 3 11/32"	custom	custom	37 mm 1 29/64"

DOOR PREPARATION DP2
page 38

SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U2.99
page 36
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

NON LOCKING TO MATCH PULL ON
page 31

FINISH CODE

.86 SATIN COPPER

ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.

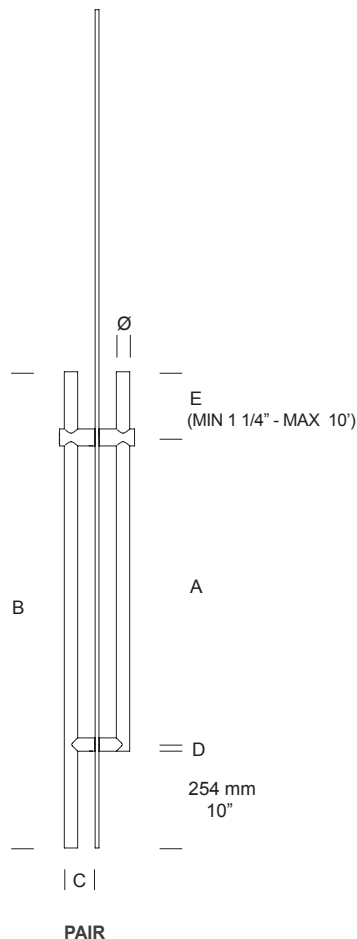
NON LOCKING
HALF SIZE



ANTIMICROBIAL
COPPER

ADA
10"
clearance
layout

BACK TO BACK FIXING KIT
ALWAYS INCLUDED
SUITABLE FOR GLASS /
WOOD / METAL DOOR



PAIR

ITEM	A	B	C	D	E	Ø
PAIR						
KLU.0G2.00TU. 86	802,5 mm 31 19/32"	1250 mm 49 1/4"	85 mm 3 11/32"	18,5 mm 47/64"	175 mm 6 7/8"	37 mm 1 29/64"
KLU.0G2.TU48. 86	custom	1219 mm 48"	85 mm 3 11/32"	18,5 mm 47/64"	custom	37 mm 1 29/64"
KLU.0G2.TU60. 86	custom	1524 mm 60"	85 mm 3 11/32"	18,5 mm 47/64"	custom	37 mm 1 29/64"
KLU.0G2.99TU. 86	custom	custom	85 mm 3 11/32"	18,5 mm 47/64"	custom	37 mm 1 29/64"

DOOR PREPARATION DP2
page 38

SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U2.99
page 36
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

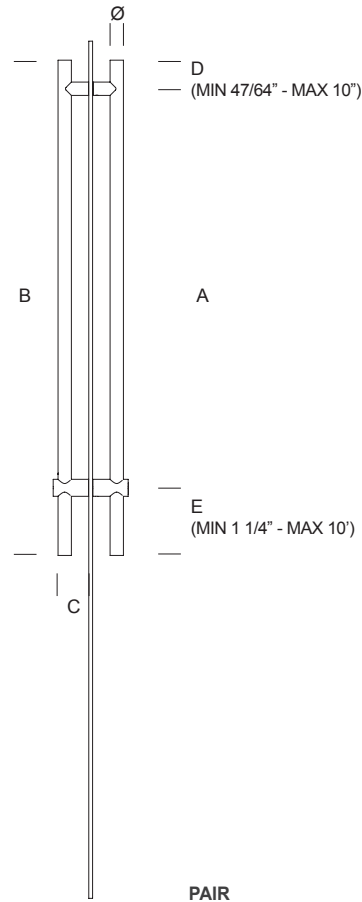
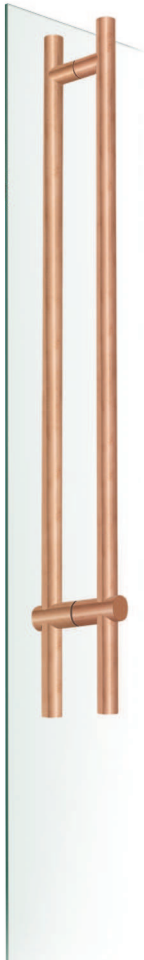
NON LOCKING TO MATCH PULL ON
page 32

FINISH CODE

.86 SATIN COPPER

ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.

NON LOCKING
HALF SIZE



ANTIMICROBIAL
COPPER

ADA
10"
clearance
l a y o u t

BACK TO BACK FIXING KIT
ALWAYS INCLUDED
SUITABLE FOR GLASS /
WOOD / METAL DOOR

	ITEM	A	B	C	D	E	Ø
PAIR	KLU.0G2.00RU. 86	1050 mm 41 11/32"	1300 mm 51 3/16"	85 mm 3 11/32"	75 mm 2 15/16"	175 mm 6 7/8"	37 mm 1 29/64"
	KLU.0G2.RU48. 86	custom	1219 mm 48"	85 mm 3 11/32"	custom	custom	37 mm 1 29/64"
	KLU.0G2.RU60. 86	custom	1524 mm 60"	85 mm 3 11/32"	custom	custom	37 mm 1 29/64"
	KLU.0G2.RU72. 86	custom	1828 mm 72"	85 mm 3 11/32"	custom	custom	37 mm 1 29/64"
	KLU.0G2.99RU. 86	custom	custom	85 mm 3 11/32"	custom	custom	37 mm 1 29/64"

DOOR PREPARATION DP3
page 39

SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U2.99
page 36
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

NON LOCKING TO MATCH PULL ON
page 33

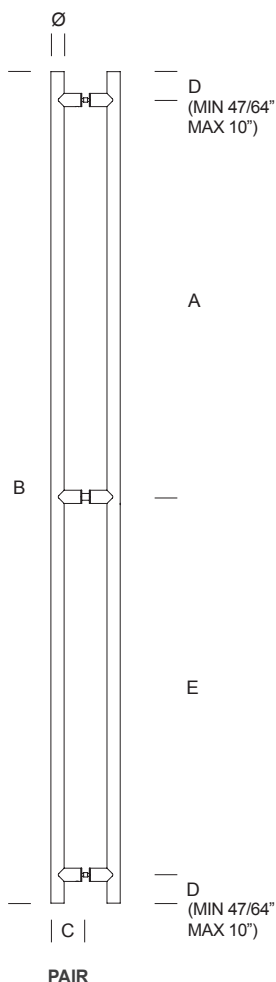
FINISH CODE

.86 SATIN COPPER

ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.

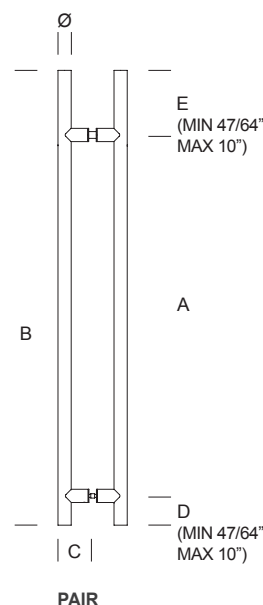
UNIVERSAL NON LOCKING FULL SIZE

ANTIMICROBIAL
COPPER



UNIVERSAL NON LOCKING HALF SIZE

ANTIMICROBIAL
COPPER



ITEM	A	B	C	D	E	Ø
KLU.0G4.0000.86	1050 mm 41 11/32"	2200 mm 86 5/8"	85 mm 3 11/32"	75 mm 2 15/16"	1000 mm 39 3/8"	37 mm 1 29/64"
KLU.0G4.0072.86	custom	1828 mm 72"	85 mm 3 11/32"	custom	custom	37 mm 1 29/64"
KLU.0G4.0084.86	custom	2133 mm 84"	85 mm 3 11/32"	custom	custom	37 mm 1 29/64"
KLU.0G4.9999.86	custom	custom	85 mm 3 11/32"	custom	custom	37 mm 1 29/64"

ITEM	A	B	C	D	E	Ø
KLU.0G2.0000.86	1000 mm 39 3/8"	1250 mm 49 1/4"	85 mm 3 11/32"	75 mm 2 15/16"	175 mm 6 7/8"	37 mm 1 29/64"
KLU.0G2.0048.86	custom	1219 mm 48"	85 mm 3 11/32"	custom	custom	37 mm 1 29/64"
KLU.0G2.0060.86	custom	1524 mm 60"	85 mm 3 11/32"	custom	custom	37 mm 1 29/64"
KLU.0G2.9999.86	custom	custom	85 mm 3 11/32"	custom	custom	37 mm 1 29/64"

FINISH CODE

.86 SATIN COPPER

DOOR PREPARATION:

DP4 (UNIVERSAL NO LOCKING FULL SIZE)
DP5 (UNIVERSAL NO LOCKING HALF SIZE)
page 40-41

SPACERS FOR DOUBLE GLAZED DOOR

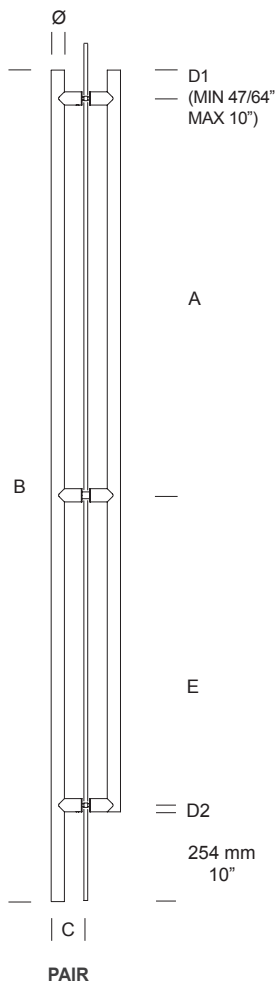
KLU.KIT.99G4.99 (UNIVERSAL NO LOCKING FULL SIZE)
KLU.KIT.99G2.99 (UNIVERSAL NO LOCKING HALF SIZE)
page 36
SPACERS ARE IN COPPER COLOR POWDER COATED
ALUMINUM

BACK TO BACK FIXING KIT ALWAYS INCLUDED
SUITABLE FOR GLASS / WOOD / METAL DOOR

ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.

UNIVERSAL NON LOCKING FULL SIZE

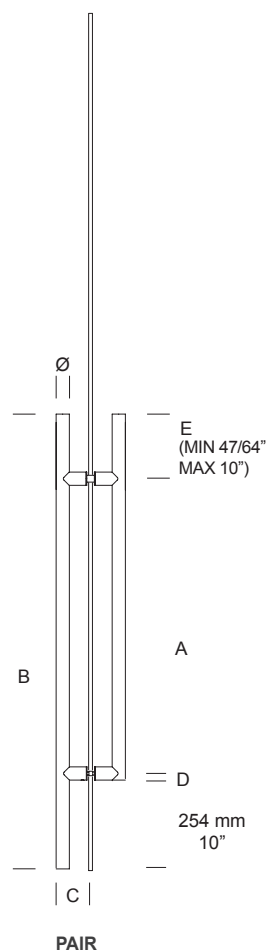
ANTIMICROBIAL
COPPER



ITEM	A	B	C	D1-D2	E	Ø
KLU.0G4.999T.86 PAIR	custom	custom	85 mm 3 11/32"	custom	custom	37 mm 1 29/64

UNIVERSAL NON LOCKING HALF SIZE

ANTIMICROBIAL
COPPER



ITEM	A	B	C	D	E	Ø
KLU.0G2.999T.86 PAIR	custom	custom	85 mm 3 11/32"	18,5 mm 47/64"	custom	37 mm 1 29/64

FINISH CODE

.86 SATIN COPPER

DOOR PREPARATION:

DP4 (UNIVERSAL NO LOCKING FULL SIZE)
DP5 (UNIVERSAL NO LOCKING HALF SIZE)
page 40-41

SPACERS FOR DOUBLE GLAZED DOOR

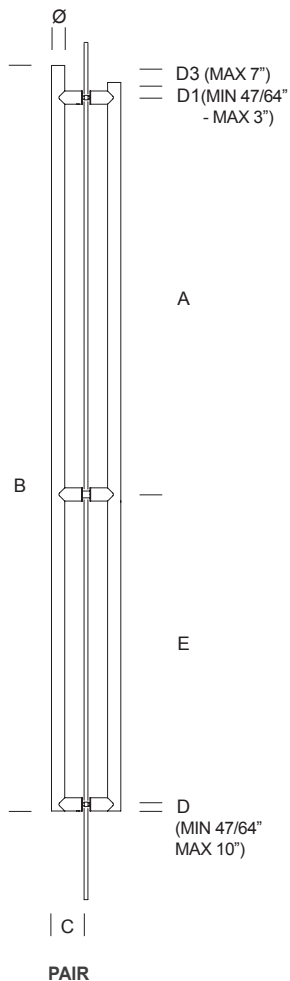
KLU.KIT.99G4.99 (UNIVERSAL NO LOCKING FULL SIZE)
KLU.KIT.99G2.99 (UNIVERSAL NO LOCKING HALF SIZE)
page 36
SPACERS ARE IN COPPER COLOR POWDER COATED
ALUMINUM

BACK TO BACK FIXING KIT ALWAYS INCLUDED
SUITABLE FOR GLASS / WOOD / METAL DOOR

ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.

UNIVERSAL NON LOCKING FULL SIZE

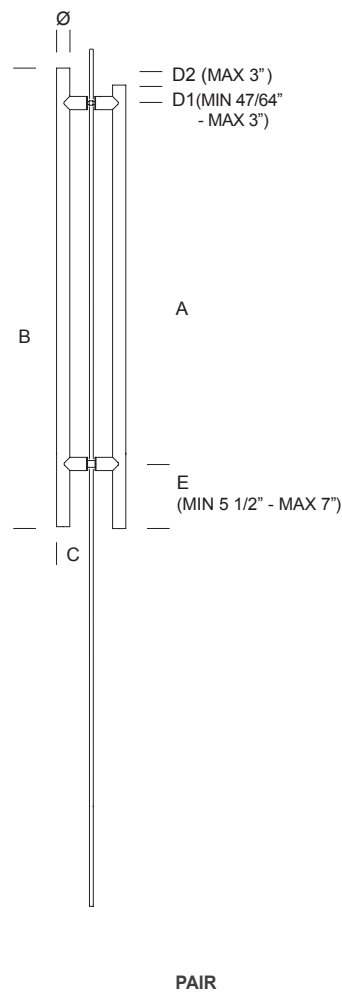
ANTIMICROBIAL
COPPER



ITEM	A	B	C	D-D2-D3	E	Ø
KLU.0G4.999Z.86	custom	custom	85 mm 3 11/32"	custom	custom	37 mm 1 29/64

UNIVERSAL NON LOCKING HALF SIZE

ANTIMICROBIAL
COPPER



ITEM	A	B	C	D	E	Ø
KLU.0G2.999Z.86	custom	custom	85 mm 3 11/32"	custom	custom	37 mm 1 29/64

FINISH CODE

.86 SATIN COPPER

DOOR PREPARATION:

DP4 (UNIVERSAL NO LOCKING FULL SIZE)
DP5 (UNIVERSAL NO LOCKING HALF SIZE)
page 40-41

SPACERS FOR DOUBLE GLAZED DOOR

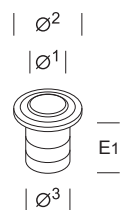
KLU.KIT.99G4.99 (UNIVERSAL NO LOCKING FULL SIZE)
KLU.KIT.99G2.99 (UNIVERSAL NO LOCKING HALF SIZE)
page 36
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

BACK TO BACK FIXING KIT ALWAYS INCLUDED
SUITABLE FOR GLASS / WOOD / METAL DOOR

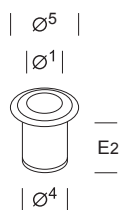
ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.

LOCKING LADDER PULLS

DUST-FREE FLOOR SOCKET

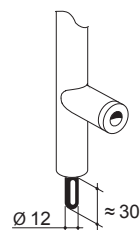


Nickel-plated brass



Stainless Steel

ADJUSTABLE STEEL DEAD BOLT

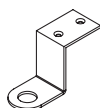


ART.
KLO.0SK.0000.00

ART.
KLO.SK1.0000. xx

Ø¹	Ø²	Ø³	Ø⁴	Ø⁵	E1	E2
14 mm	24 mm	18 mm	20 mm	35 mm	29 mm	40 mm

CUSTOM STRIKES ON REQUEST

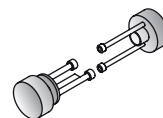


Coded key / Master key

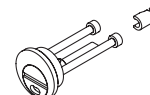
ART. KLO.00K.0000. xx
ART. KLO.00Y.000K. xx
ART. KLO.00V.000K. xx

CYLINDER AND DOOR KNOB DUMMY

CYLINDER AND DOOR KNOB DUMMY - ON REQUEST

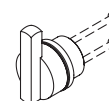


OCCUPANCY INDICATOR UNIVERSAL KIT FOR K-LOCK WITH RIM CYLINDER



CIL.RIM.0002. xx

KIT TO CONVERT FUNCTION NON LOCKING TO LOCKING FOR K-LOCK RIM CYLINDER WITH PREINSTALLED DUMMY KIT - ON REQUEST



RIM CYLINDER

CIL.RIM.0001. xx

RIM CYLINDER CONVENTIONAL ILCO

BRAND OF COMPATIBLE RIM CYLINDER ON REQUEST:

ARROW - CORBIN RUSSWIN - KABAILCO - MEDECO - SCHLAGE - SARGENT - YALE



RIM CYLINDER

RIM CYLINDER WITH IC

CIL.HOU.RL01. xx

RIM HOUSING SFIC SCHLAGE

CIL.HOU.RS01. xx

RIM HOUSING SFIC SCHLAGE

AVAILABLE ON REQUEST SFIC RIM HOUSING

BRAND OF COMPATIBLE RIM HOUSING ON REQUEST:

ARROW - CORBIN RUSSWIN - KABAILCO - MEDECO - SARGENT - YALE - ILCO



RIM CYLINDER
WITH IC

CORE FOR SFIC AND LFIC

AVAILABLE ON REQUEST CORES FOR SFIC AND LFIC RIM AND MORTISE HOUSING

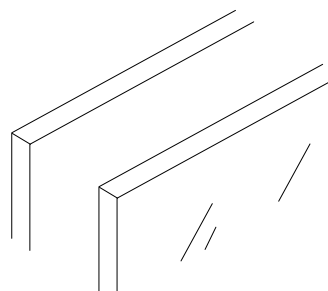
BRAND OF COMPATIBLE CORE FOR SFIC AND LFIC ON REQUEST:

ARROW - CORBIN RUSSWIN - KABAILCO - MEDECO - SCHLAGE - SARGENT - YALE - ILCO

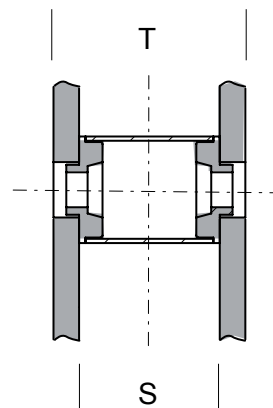


CORE FOR
SFIC AND LFIC

SPACERS FOR DOUBLE GLAZED DOOR



Double glazed doors

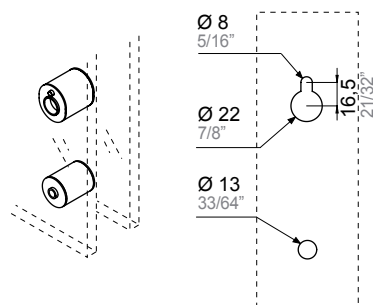


T = custom
S = custom

OVAL / ROUND SPACERS

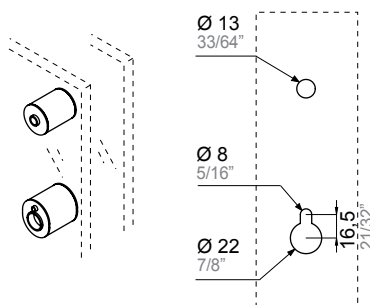
KLU LINE RIM - SPACERS FOR COPPER LOCKING AND NON LOCKING PULLS

1 OVAL POST (UP) + 1 Ø37 ROUND POST (BOTTOM)



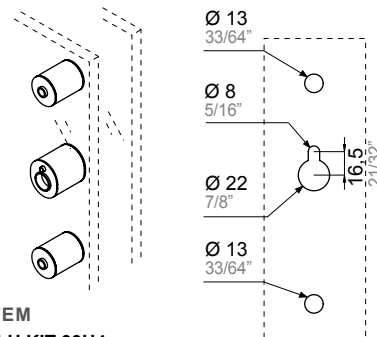
ITEM
KLU.KIT.99U2

1 OVAL POST (BOTTOM) + 1 Ø37 ROUND POST (TOP)



ITEM
KLU.KIT.99U2

1 OVAL POST (CENTER) + 2 Ø37 ROUND POSTS (TOP/BOTTOM)

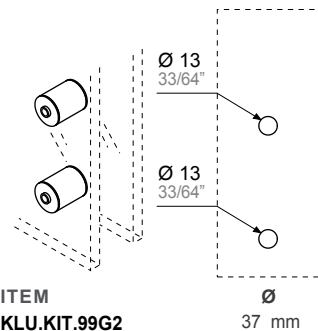


ITEM
KLU.KIT.99U4

ROUND SPACERS

KLU LINE - SPACERS FOR COPPER NON LOCKING PULLS

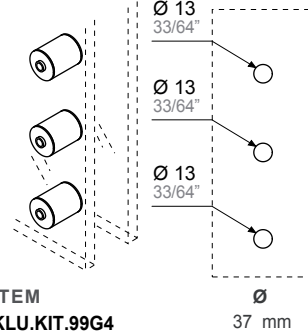
2 ROUND POSTS



ITEM
KLU.KIT.99G2

Ø
37 mm

3 ROUND POSTS

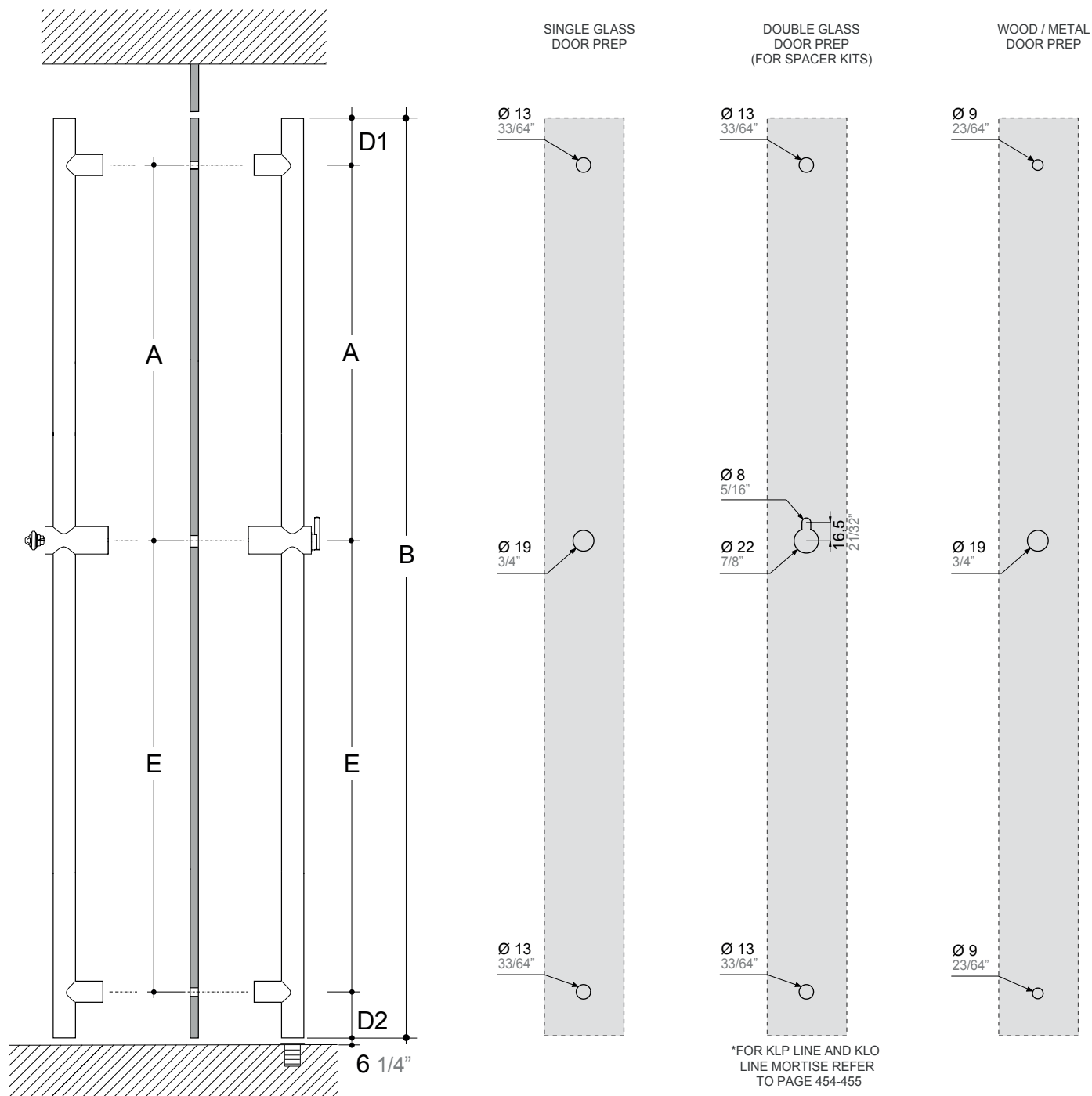


ITEM
KLU.KIT.99G4

Ø
37 mm

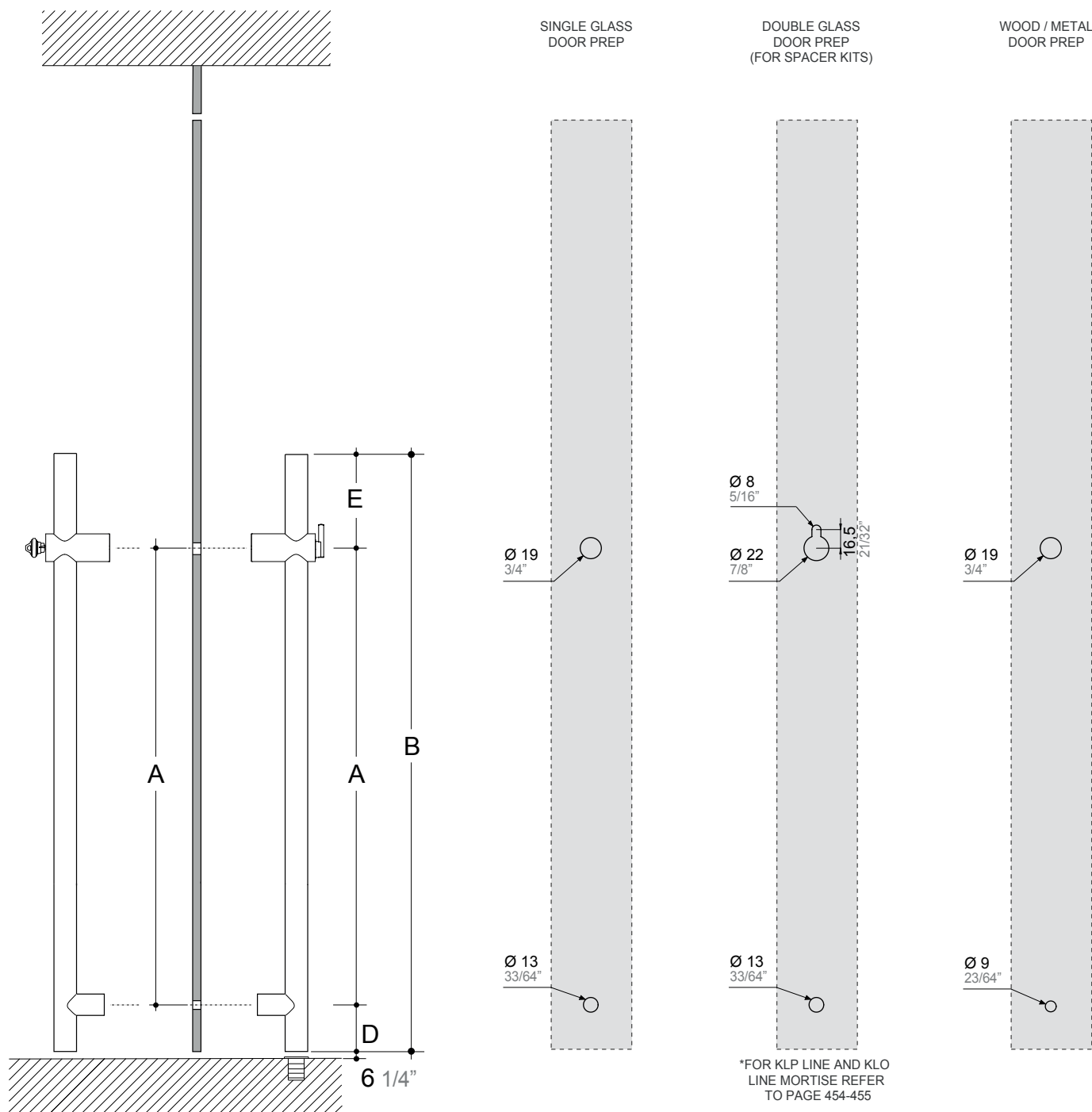
DP1 - DOOR PREPARATION FOR FULL SIZE LADDER PULLS LOCKING / NON LOCKING (KLU)

HOLES DIAMETERS AND CENTER TO CENTER SIZES



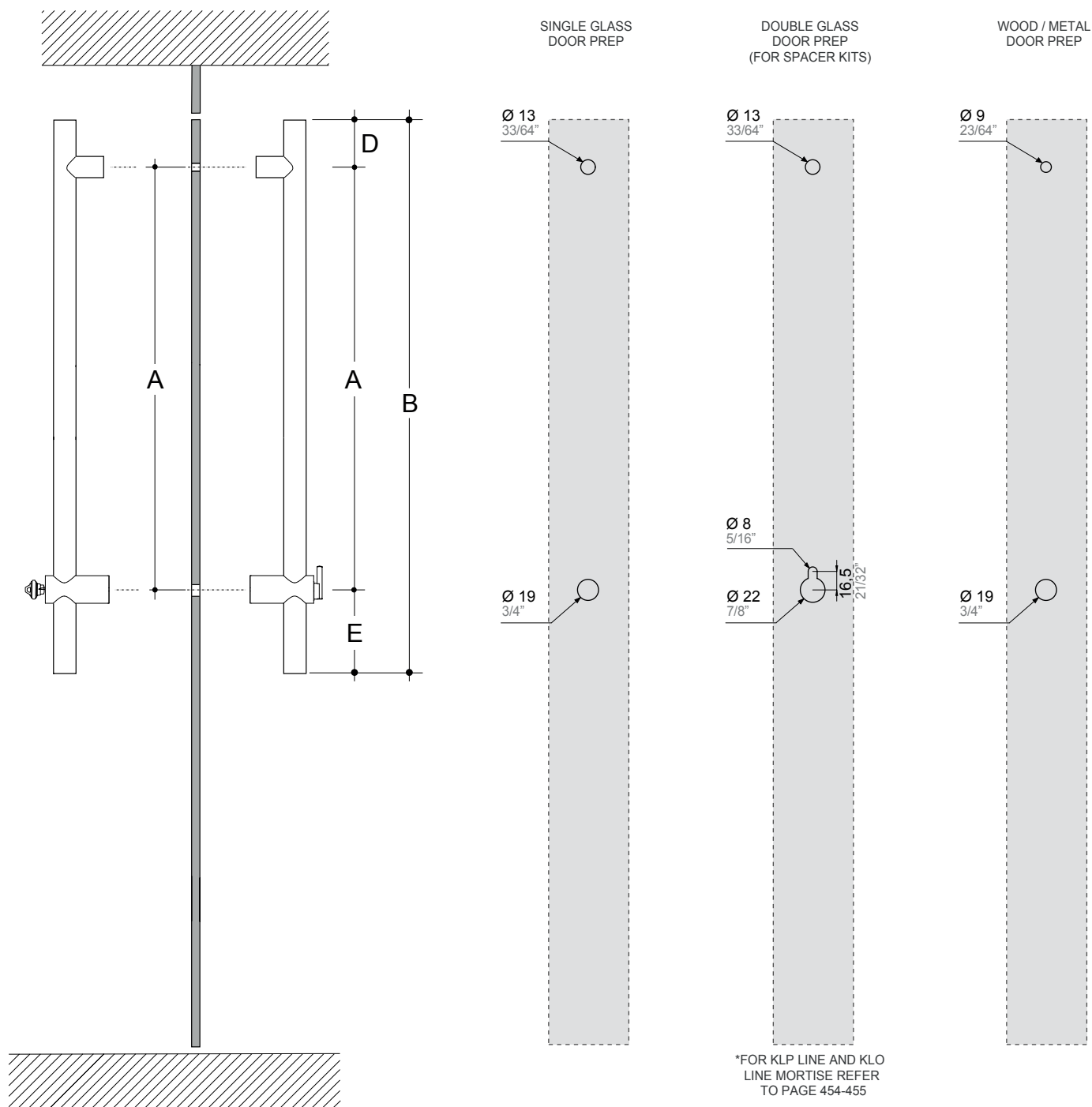
**DP2 - DOOR PREPARATION FOR HALF SIZE LADDER PULLS LOCKING / NON LOCKING (KLU)
WITH CYLINDER POST ON TOP**

HOLES DIAMETERS AND CENTER TO CENTER SIZES



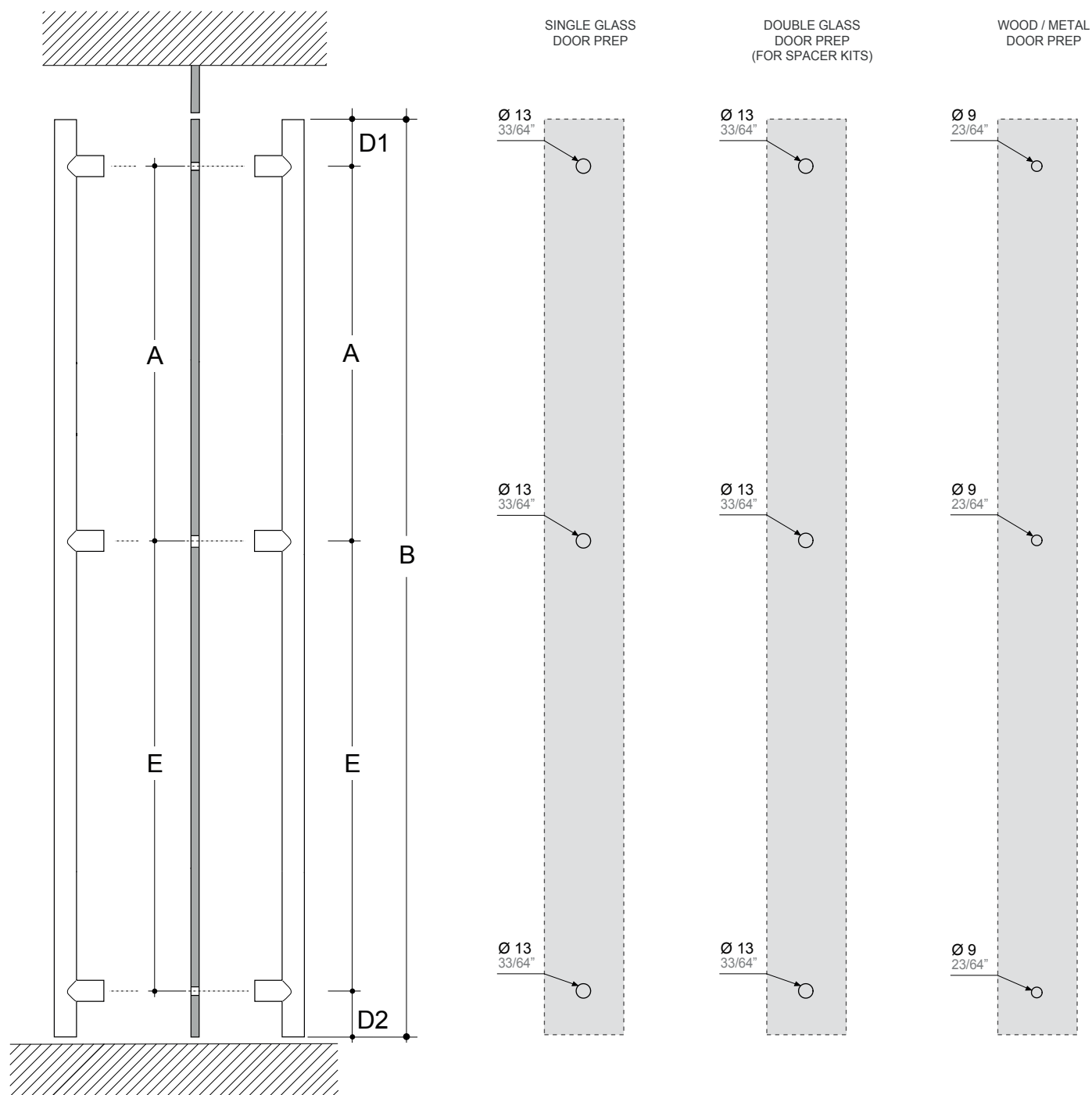
**DP3 - DOOR PREPARATION FOR HALF SIZE LADDER PULLS LOCKING / NON LOCKING (KLU)
WITH CYLINDER POST ON BOTTOM**

HOLES DIAMETERS AND CENTER TO CENTER SIZES



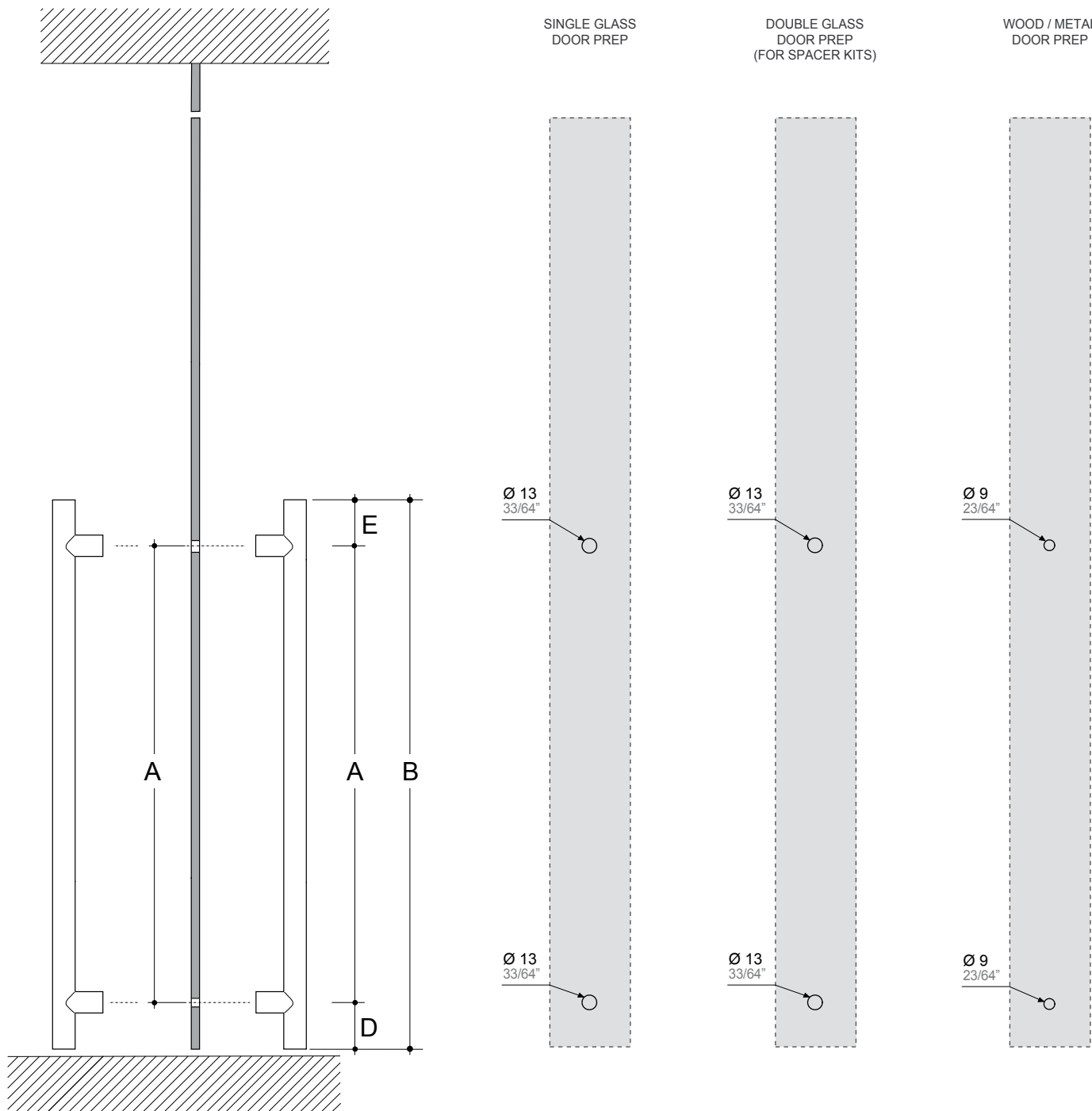
DP4 - DOOR PREPARATION FOR FULL SIZE LADDER PULLS NON LOCKING (ONLY ROUND POSTS)

HOLES DIAMETERS AND CENTER TO CENTER SIZES



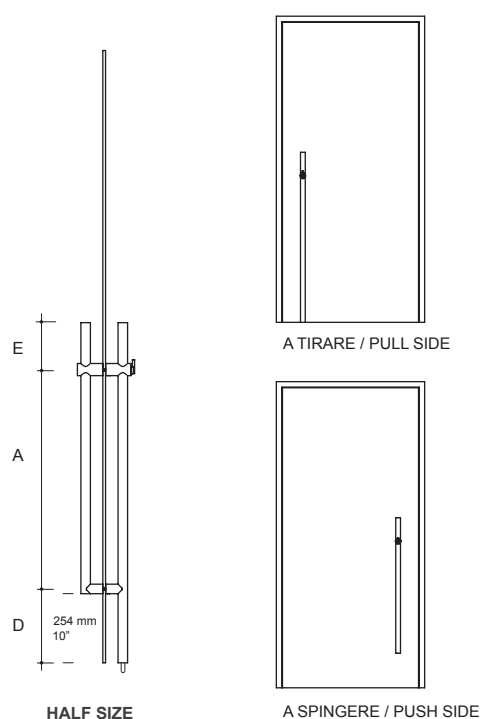
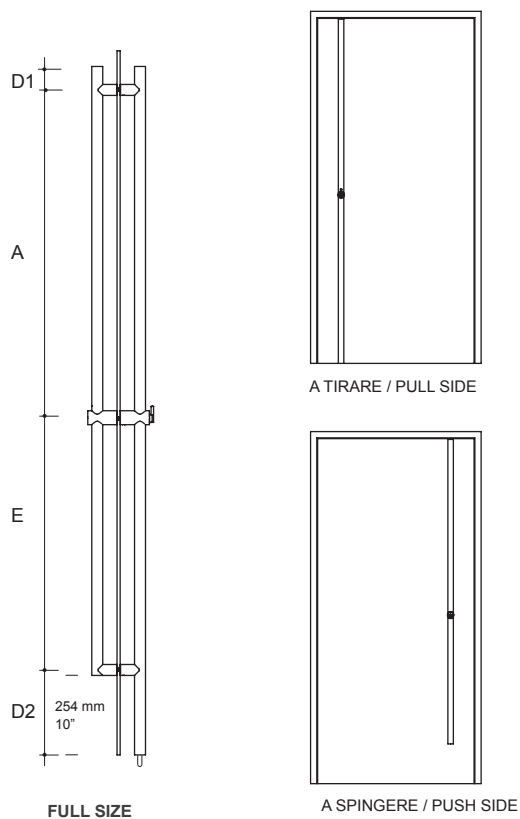
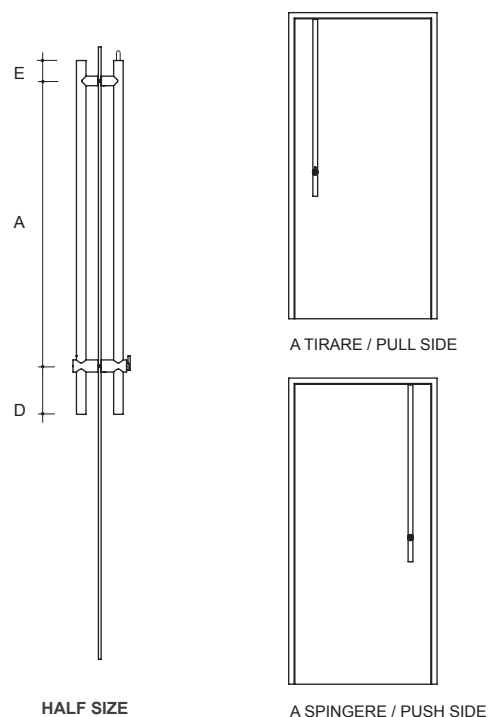
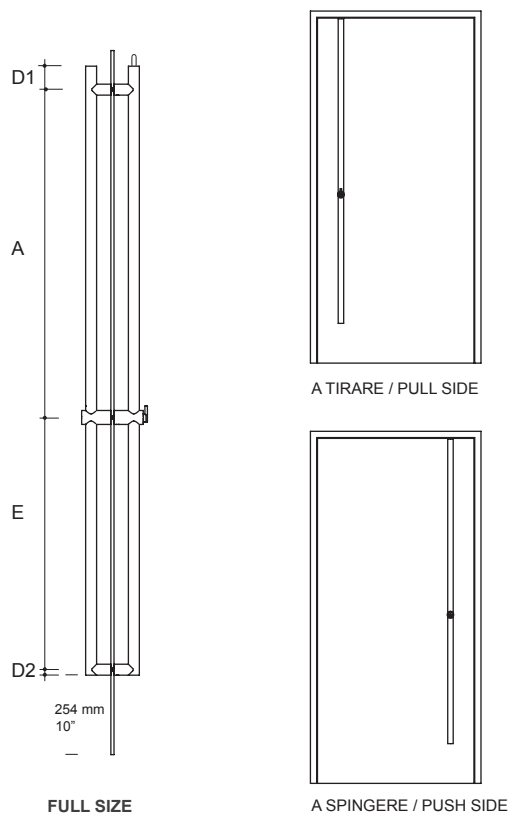
DP5 - DOOR PREPARATION FOR HALF SIZE LADDER PULLS NON LOCKING (ONLY ROUND POSTS)

HOLES DIAMETERS AND CENTER TO CENTER SIZES

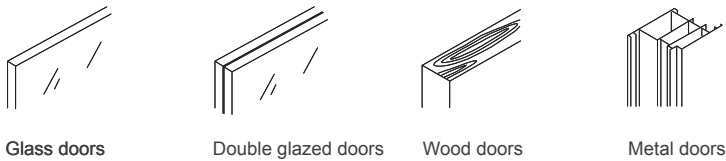


CONFIGURATION TO COMPLYE ADA STANDARD (254 mm - 10" clearance from the floor)

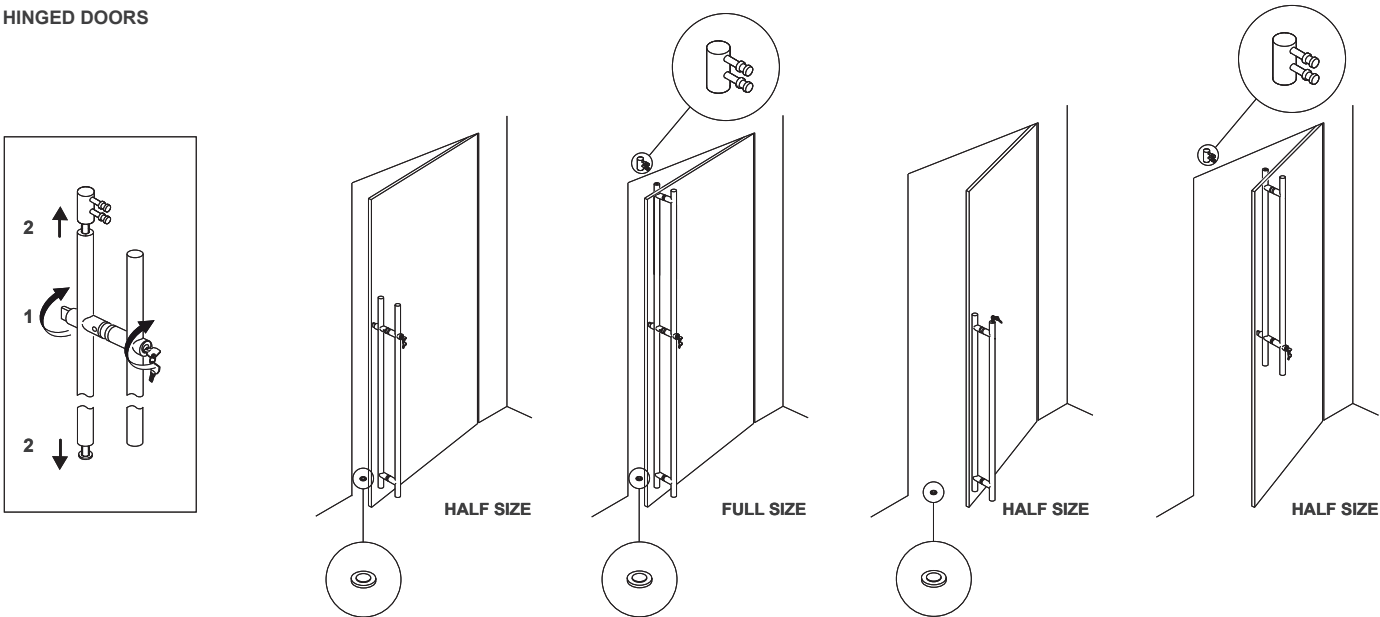
ADA
10"
clearance
l a y o u t



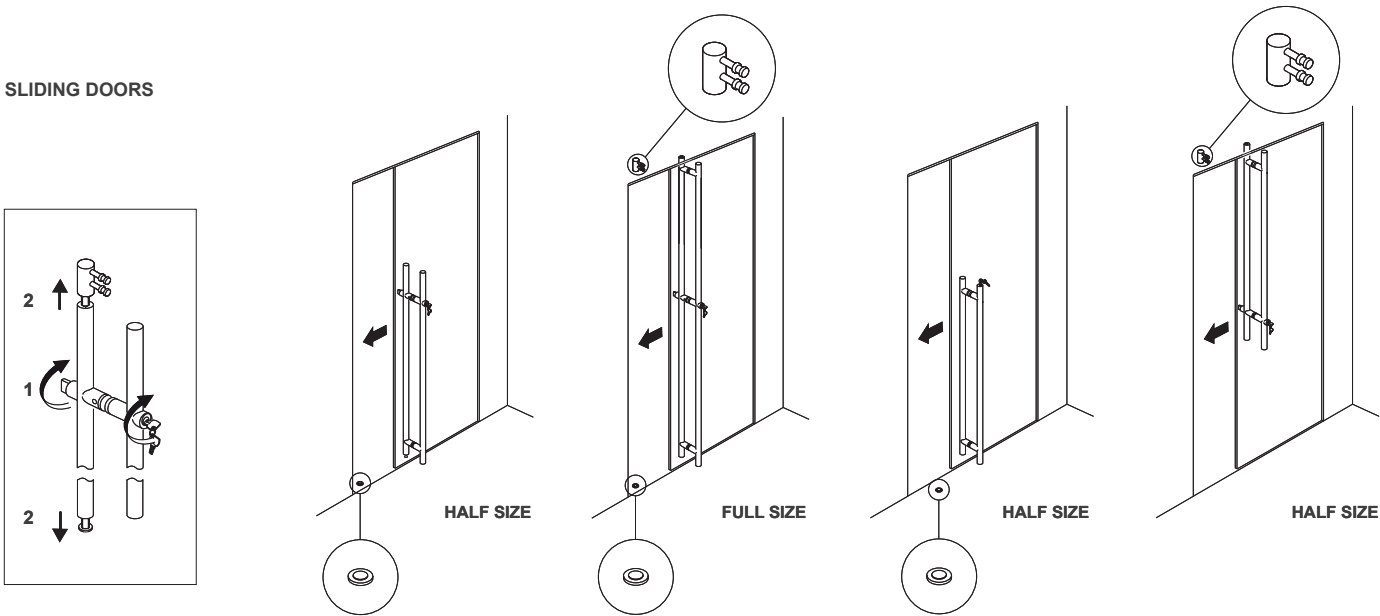
INSTALLATION ON ANY TYPE OF MATERIAL



HINGED DOORS



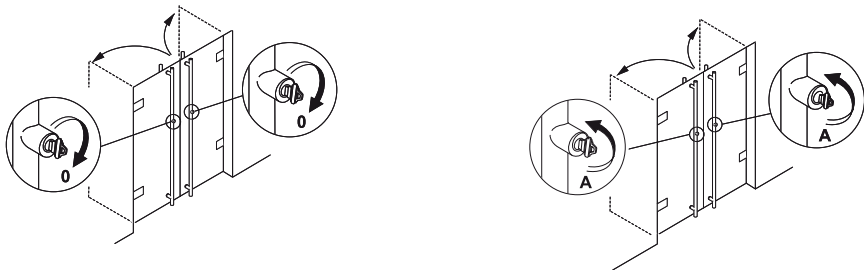
SLIDING DOORS



ROTATION OF THE KEY

Standard

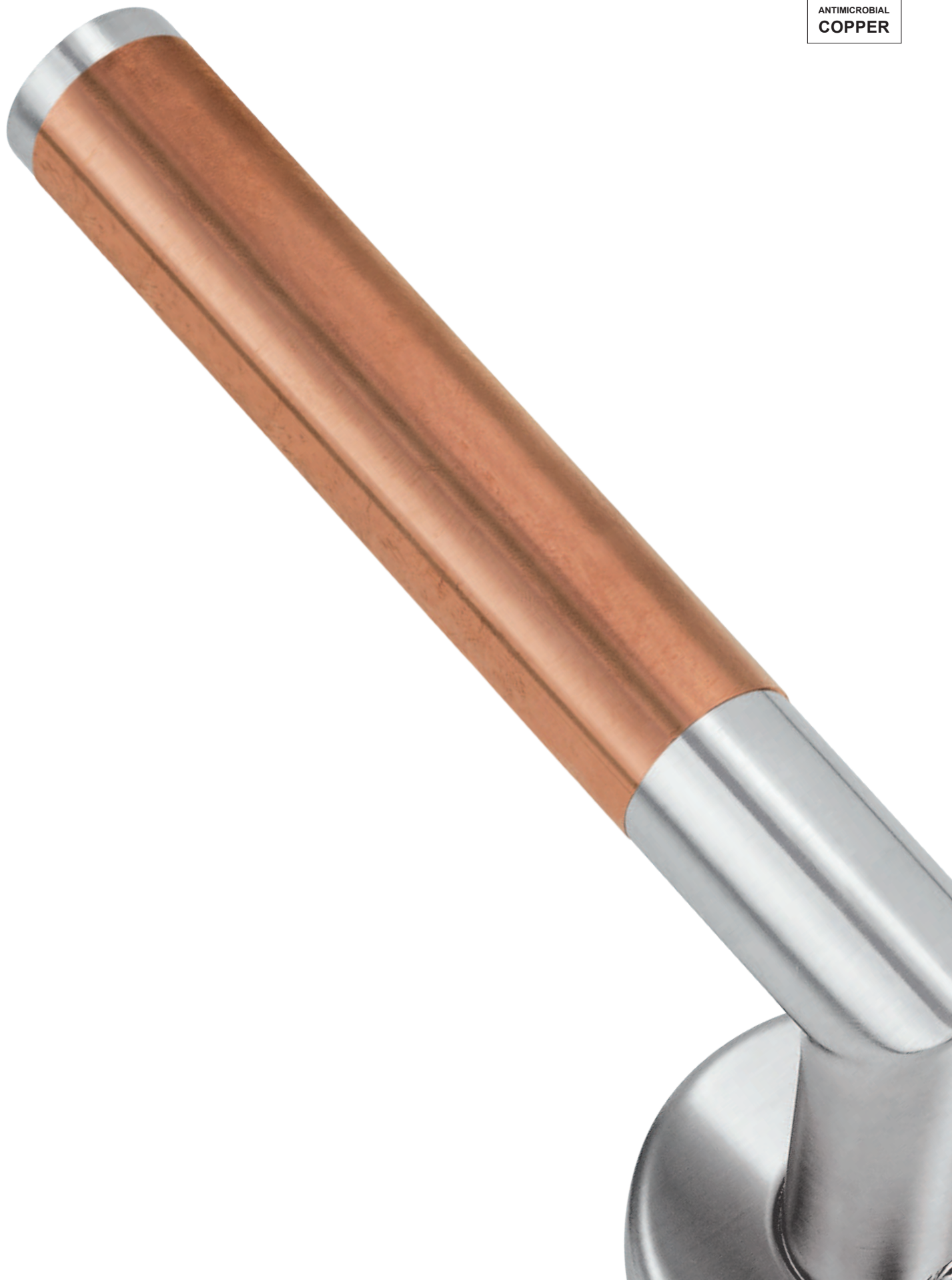
On request

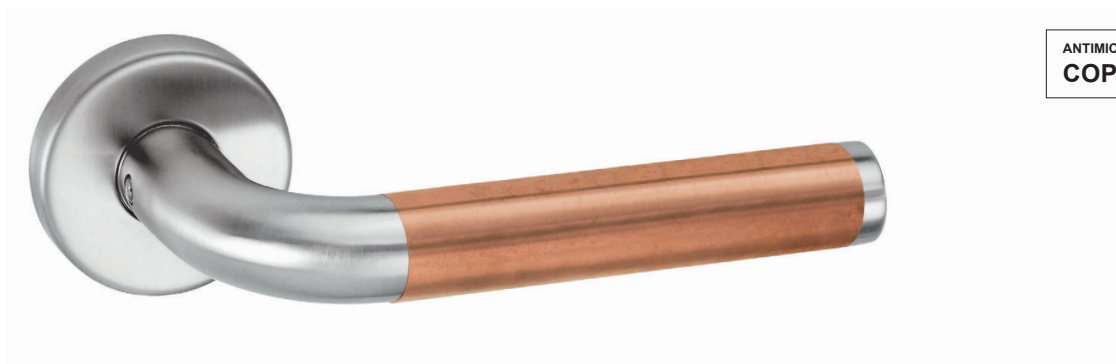


PROGRAMMA CU

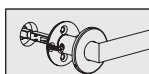
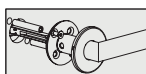
LEVERS

ANTIMICROBIAL
COPPER



**ITEM****2MU.028.xxxx.4R****MATERIALS, FINISHING AND DETAILS****FINISH CODE**

COPPER		STAINLESS STEEL	
.4R	SATIN COPPER		SATIN STAINLESS STEEL (ANSI/BHMA 630 - USD32D)

**HANDLES FIXING TO SPECIFY BEFORE ORDER****SINGLE FIXING****BACK TO BACK FIXING**

HANDLE FOR MORTISE

WOOD OR HM DOORS

ANTIMICROBIAL
COPPER

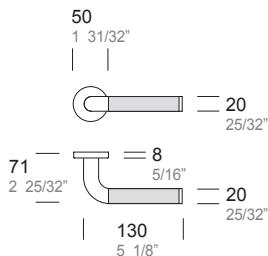


ITEM

2MU.028.0UT8 .4R



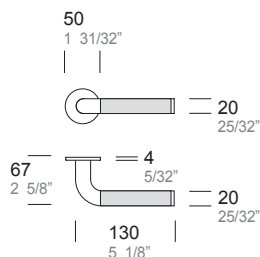
with return spring



2MU.028.00T4 .4R



without return spring



- ☐ Stainless Steel
- ☐ Satin Copper

AVAILABLE LOCKS page 50
MORTISE CYLINDERS NOT INCLUDED SEE PAGE 57 FOR COMPATIBLE MODELS
STANDARD FACEPLATE SATIN STAINLESS STEEL.
SPINDLE DEPTH, LEVERS POSITION ON THE LOCKSET AND FIXING
(SINGLE OR BACK TO BACK) MUST BE SPECIFIED ORDERING - see page 51

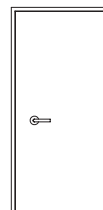
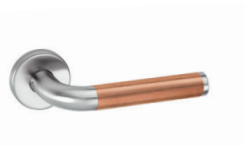
FINISH CODE

COPPER
.4R SATIN COPPER

STAINLESS STEEL
SATIN STAINLESS STEEL (ANSI/BHMA 630 - USD32D)

LOCK

WOOD OR HM DOORS

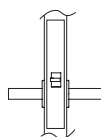


FUNCTION

BACKSET

HOW TO ORDER

PASSAGE
ANSI F01

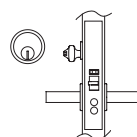


2 1/2"
2 3/4"

2MM.LCK.0A00 . xx + **ONLY LOCK**

2MU.028.0xTx . xx

OFFICE/CORRIDOR
ANSI F04

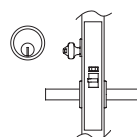


2 1/2"
2 3/4"

2MM.LCK.0F00 . xx + **ONLY LOCK**

2MU.028.0xTx . xx

CLASSROOM
ANSI F05

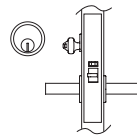


2 1/2"
2 3/4"

2MM.LCK.0G00 . xx + **ONLY LOCK**

2MU.028.0xTx . xx

STOREROOM
ANSI F07

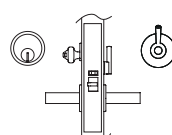


2 1/2"
2 3/4"

2MM.LCK.0P00 . xx + **ONLY LOCK**

2MU.028.0xTx . xx

OFFICE/ENTRY
ANSI F04 + F13

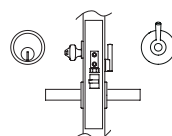


2 1/2"
2 3/4"

2MM.LCK.0I00 . xx + **ONLY LOCK**

2MU.028.0xTx . xx
 Add thumbturns page 49

DORMITORY
ANSI F13

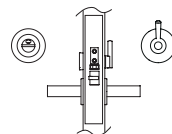


2 1/2"
2 3/4"

2MM.LCK.0E00 . xx + **ONLY LOCK**

YOD.028.0xTx . xx
 Add thumbturns page 49

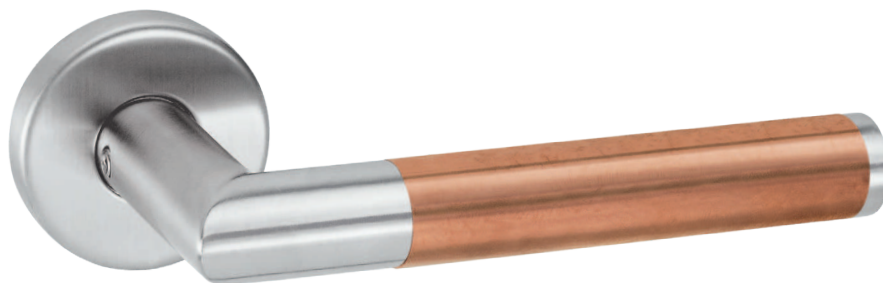
PRIVACY
ANSI F19



2 1/2"
2 3/4"

2MM.LCK.0M00 . xx + **ONLY LOCK**

YOD.028.0xTx . xx
 Add thumbturns page 49



ANTIMICROBIAL
COPPER

ITEM

2MU.030.xxxx.4R

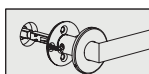
MATERIALS, FINISHING AND DETAILS

FINISH CODE

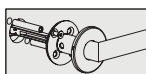
COPPER		STAINLESS STEEL	
.4R	SATIN COPPER		SATIN STAINLESS STEEL (ANSI/BHMA 630 - USD32D)



HANDLES FIXING TO SPECIFY BEFORE ORDER



SINGLE FIXING

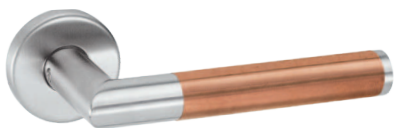


BACK TO BACK FIXING

HANDLE FOR MORTISE

WOOD OR HM DOORS

ANTIMICROBIAL
COPPER

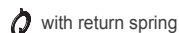


ITEM

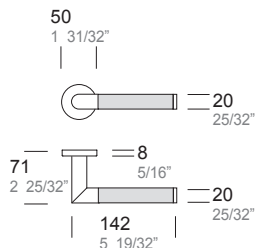
2MU.030.0UT8 .4R



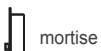
mortise



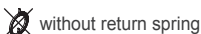
with return spring



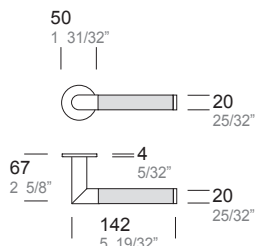
2MU.030.00T4 .4R



mortise



without return spring



☐ Stainless Steel
☒ Satin Copper

AVAILABLE LOCKS page 50
MORTISE CYLINDERS NOT INCLUDED SEE PAGE 57 FOR COMPATIBLE MODELS
STANDARD FACEPLATE SATIN STAINLESS STEEL.
SPINDLE DEPTH, LEVERS POSITION ON THE LOCKSET AND FIXING
(SINGLE OR BACK TO BACK) MUST BE SPECIFIED ORDERING - see page 51

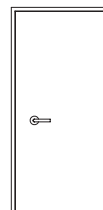
FINISH CODE

COPPER
.4R SATIN COPPER

STAINLESS STEEL
SATIN STAINLESS STEEL (ANSI/BHMA 630 - USD32D)

LOCK

WOOD OR HM DOORS

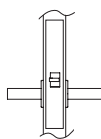


FUNCTION

BACKSET

HOW TO ORDER

PASSAGE
ANSI F01

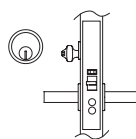


2 1/2"
2 3/4"

2MM.LCK.0A00 . xx + ONLY LOCK

2MU.030.0xTx . xx

OFFICE/CORRIDOR
ANSI F04

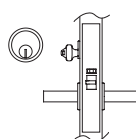


2 1/2"
2 3/4"

2MM.LCK.0F00 . xx + ONLY LOCK

2MU.030.0xTx . xx

CLASSROOM
ANSI F05

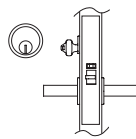


2 1/2"
2 3/4"

2MM.LCK.0G00 . xx + ONLY LOCK

2MU.030.0xTx . xx

STOREROOM
ANSI F07

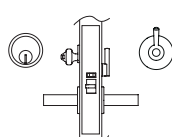


2 1/2"
2 3/4"

2MM.LCK.0P00 . xx + ONLY LOCK

2MU.030.0xTx . xx

OFFICE/ENTRY
ANSI F04 + F13

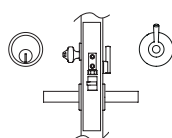


2 1/2"
2 3/4"

2MM.LCK.0I00 . xx + ONLY LOCK

2MU.030.0xTx . xx
 Add thumbturns page 49

DORMITORY
ANSI F13

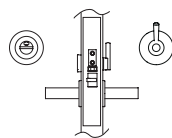


2 1/2"
2 3/4"

2MM.LCK.0E00 . xx + ONLY LOCK

YOD.030.0xTx . xx
 Add thumbturns page 49

PRIVACY
ANSI F19

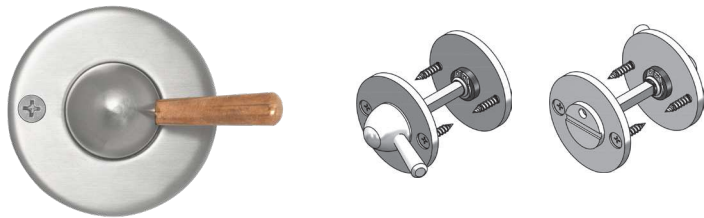


2 1/2"
2 3/4"

2MM.LCK.0M00 . xx + ONLY LOCK

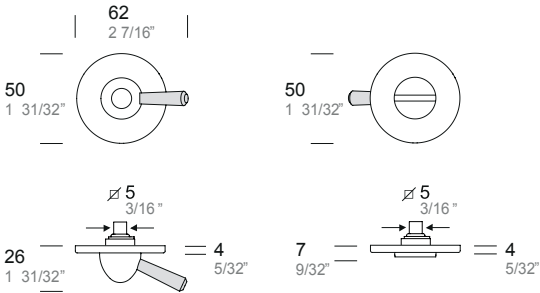
YOD.030.0xTx . xx
 Add thumbturns page 49

THUMBTURNS FOR MORTISE
WOOD OR HM DOORS

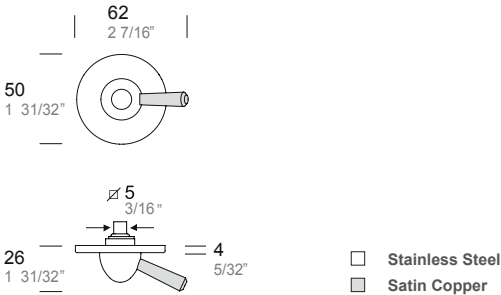


ITEM

2MU.033.0UT4 .4R



2MU.033.0050 .4R



- ☐ Stainless Steel
- ☐ Satin Copper

FINISH CODE

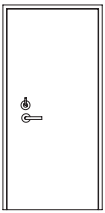
COPPER
.4R SATIN COPPER

STAINLESS STEEL
SATIN STAINLESS STEEL (ANSI/BHMA 630 - USD32D)

LOCK
WOOD OR HM DOORS



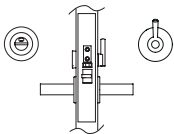
ANTIMICROBIAL
COPPER



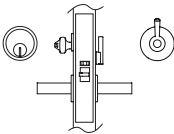
HANDLE
NOT
INCLUDED

FUNCTION BACKSET HOW TO ORDER

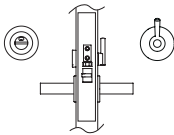
PRIVACY
ANSI F19 2 1/2" 2 3/4" **2MM.LCK.0M00 .xx**
+ 2MU.033.0UT4 .4R



OFFICE/ENTRY
ANSI F04 + F13 2 1/2" 2 3/4" **2MM.LCK.0I00 .xx**
+ 2MU.033.0050 .4R

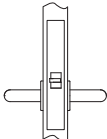
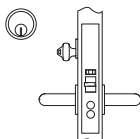
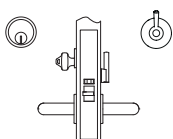
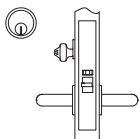
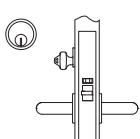
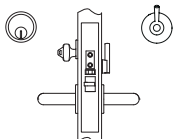
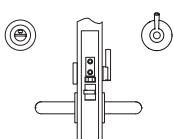


DORMITORY
ANSI F13 2 1/2" 2 3/4" **2MM.LCK.0E00 .xx**
+ 2MU.033.0050 .4R



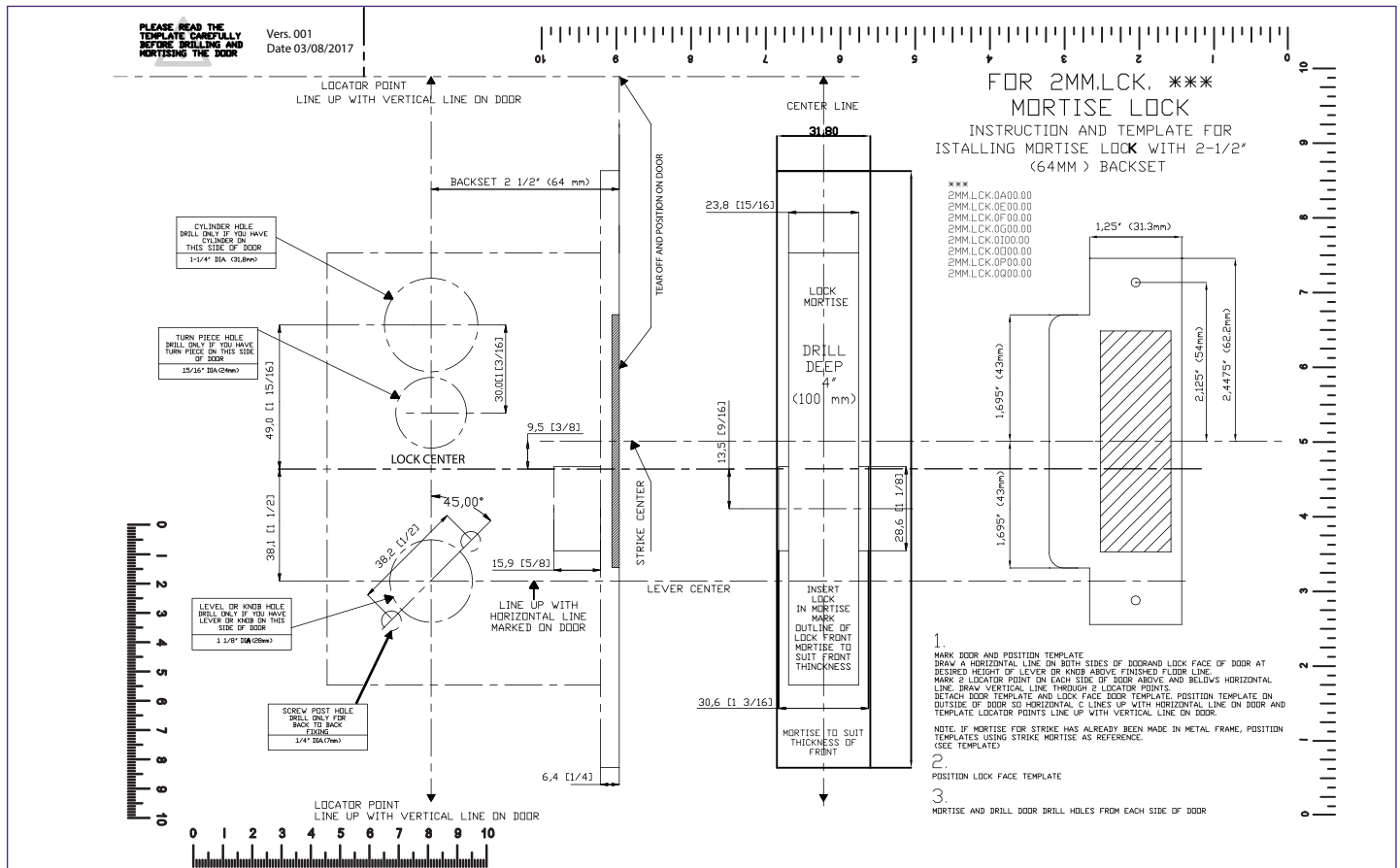
LEVER HANDLES

MORTISE LOCKS - WOOD OR HM DOORS

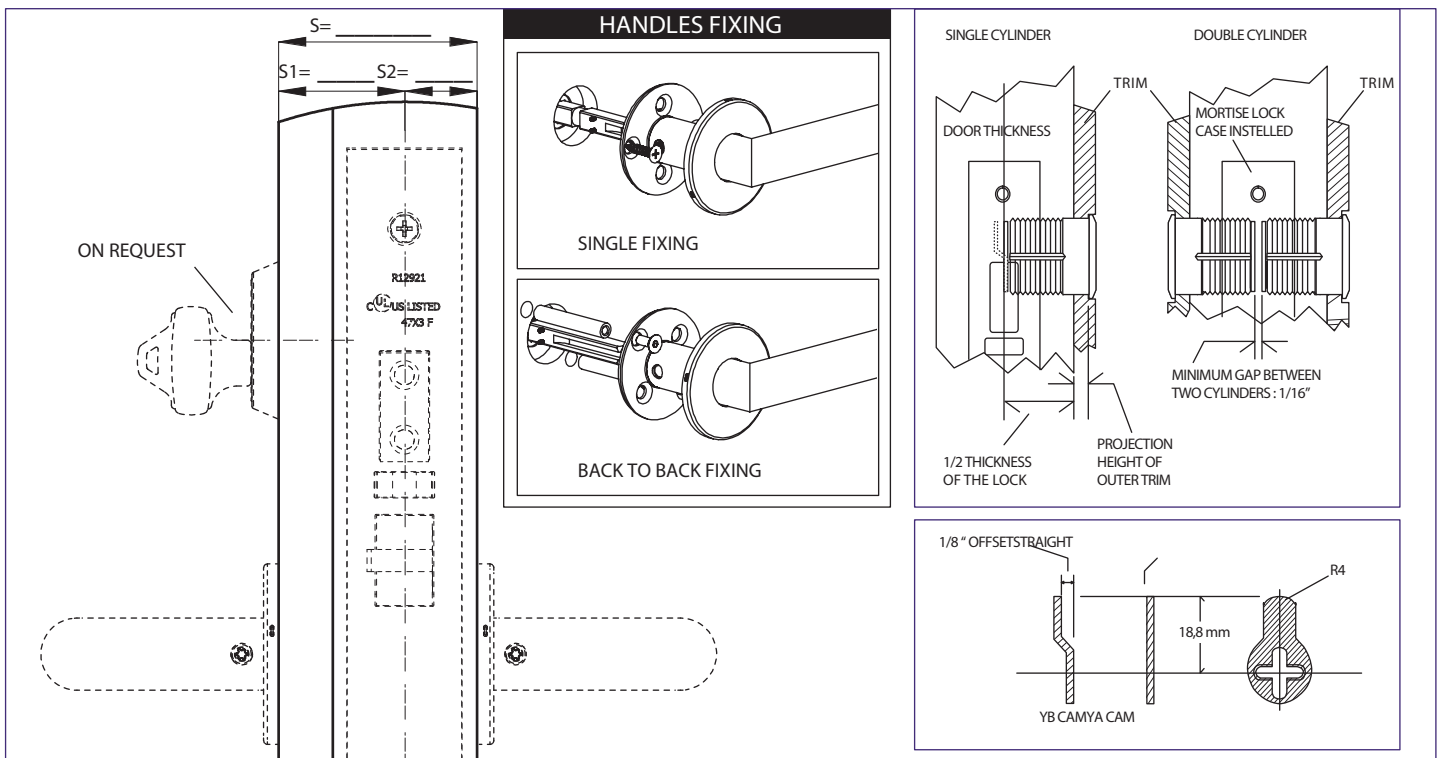
ITEM	FUNCTION (according to ANSI) FUNZIONE	FINAL CONFIGURATION
ITEM 2MM.LCK.0A00. xx ONLY LOCK	PASSAGE - ANSI F01 Backset 2 1/2" * ANSI F 01 - no key - no thumbturn	
ITEM 2MM.LCK.0F00. xx ONLY LOCK	OFFICE / CORRIDOR - ANSI F04 Backset 2 1/2" * ANSI F 04 - key - toggle - security egress	
ITEM 2MM.LCK.0I00. xx ONLY LOCK	OFFICE / ENTRY ANSI F04 + F13 Backset 2 1/2" * ANSI F 04 - key - thumbturn - security egress	
ITEM 2MM.LCK.0G00. xx ONLY LOCK	CLASSROOM - ANSI F05 Backset 2 1/2" * ANSI F 05 - key - security egress	
ITEM 2MM.LCK.0P00. xx ONLY LOCK	STOREROOM - ANSI F07 Backset 2 1/2" * ANSI F 07 - key (outside lever inoperative) - security egress	
ITEM 2MM.LCK.0E00. xx ONLY LOCK	DORMITORY - ANSI F13 Backset 2 1/2" * ANSI F 13 - key - thumbturn - deadbolt - security egress	
ITEM 2MM.LCK.0M00. xx ONLY LOCK	PRIVACY - ANSI F19 Backset 2 1/2" * ANSI F 19 thumbturn - snib indicator - deadbolt - security egress	

NOTE * Lever handles, thumbturns and cylinders to be order apart

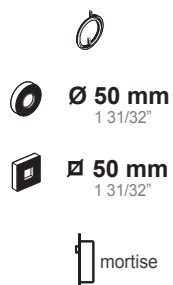
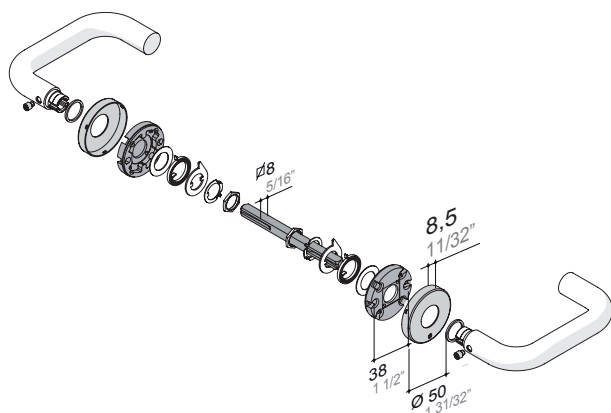
TEMPLATE AVAILABLE FOR DOWNLOAD AT PBA.IT



ORDER SPECIFICATIONS



HANDLE FOR MORTISE WITH RETURN SPRING



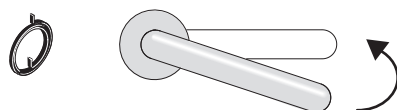
ROSES
Round and square roses with a return spring. Inner rose in metal alloy and rose cover in stainless steel AISI 316L.

Ø 50 mm
1 31/32"

Ø 50 mm
1 31/32"

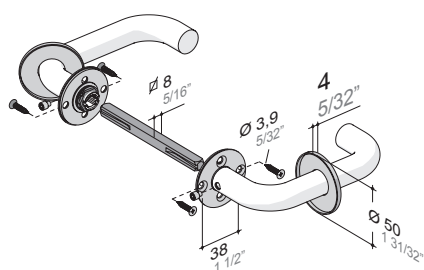
mortise

HANDLE FOR MORTISE WITH RETURN SPRING



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

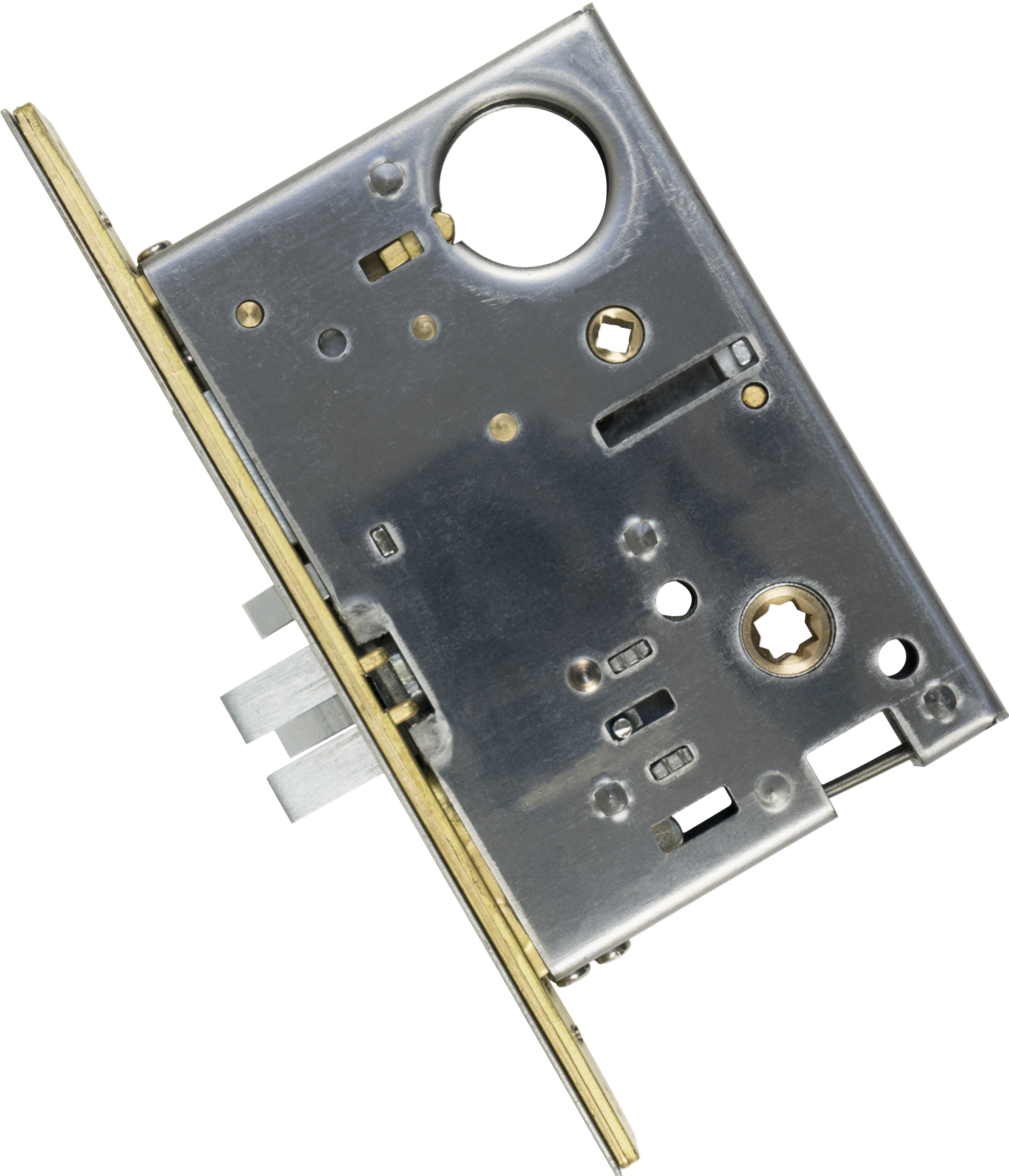
HANDLE FOR MORTISE WITHOUT RETURN SPRING



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

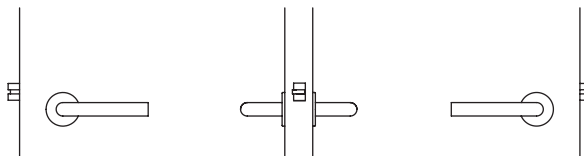
Ø 50 mm
1 31/32"

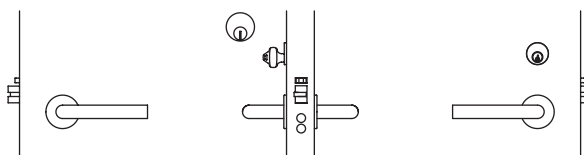
mortise

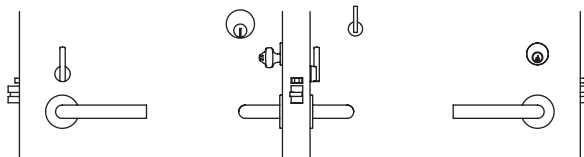


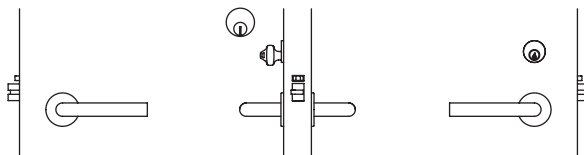
AVAILABLE FUNCTIONS
(according to ANSI)

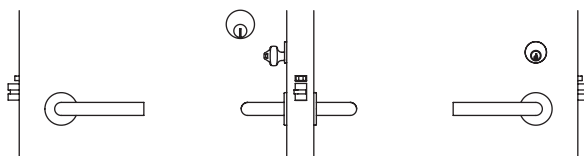
PASSAGE

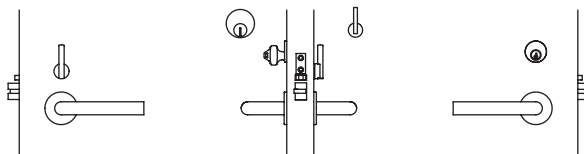
ANSI F 01
no key - no thumbturn

OFFICE / CORRIDOR

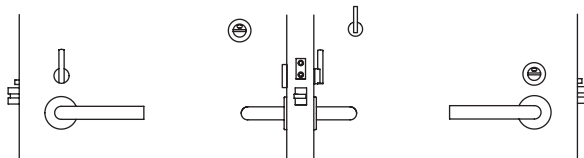
ANSI F 04
key - toggle - security egress

OFFICE / ENTRY

ANSI F 04 + F 13
key - thumbturn - security egress

CLASSROOM

ANSI F 05
key - security egress

STOREROOM

ANSI F 07
key (outside lever inoperative) - security egress

DORMITORY

ANSI F 13
key - thumbturn - deadbolt - security egress

PRIVACY

ANSI F 19
thumbturn - snib indicator - deadbolt - security egress


MORTISE LOCK

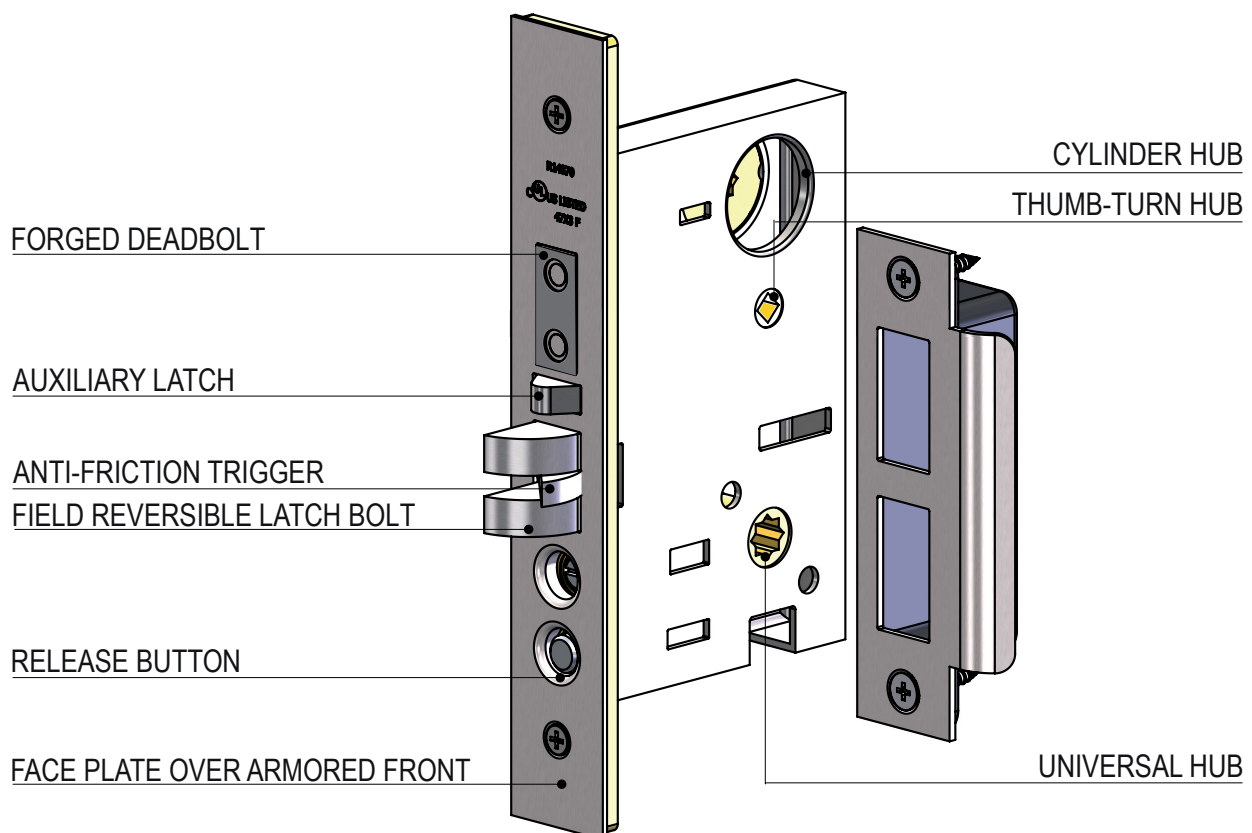
pba 2MM.LCK series mortise locks for solid doors are engineered for durability and optimum security. All lock cases are constructed with quality metal working parts, ensuring the long lasting and trouble free operation.

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.

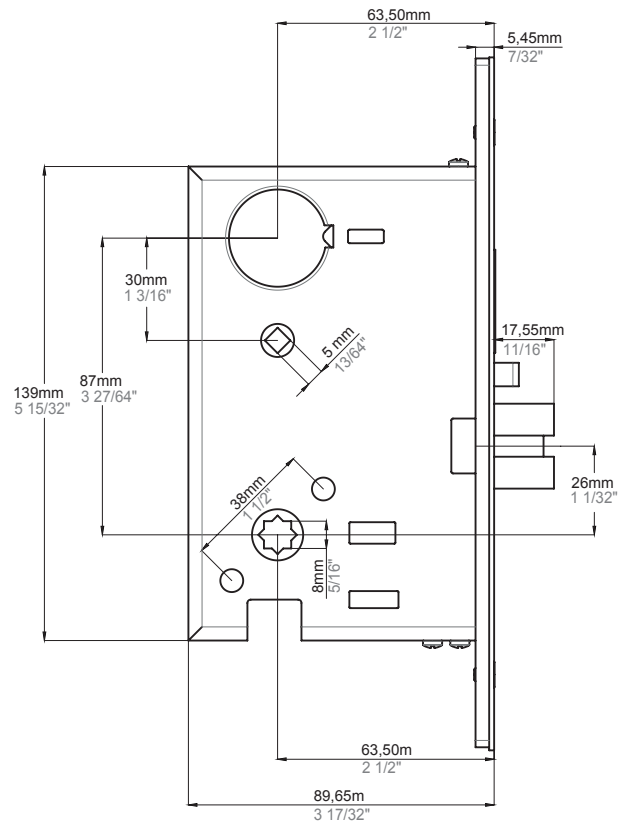
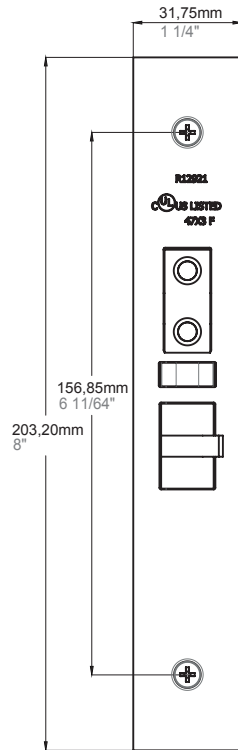
The exposed parts (deadbolt, latch bolt, auxiliary latch and buttons) are in forged brass and finished to match the appearance of the stainless steel faceplate.

The field-reversible design allows to switch handing on site, without opening the lock case. 2MM.LCK mortise locks feature an independent lever rotation.

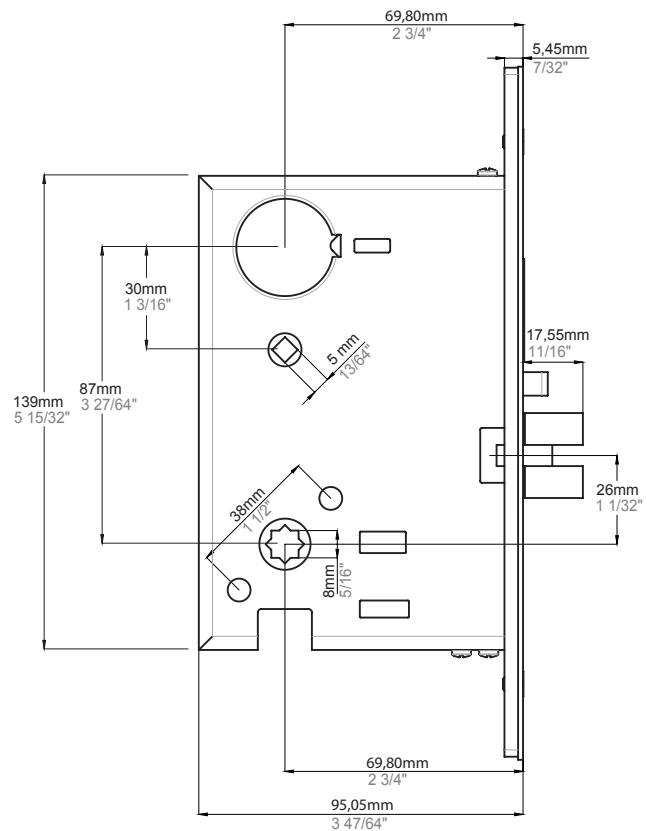
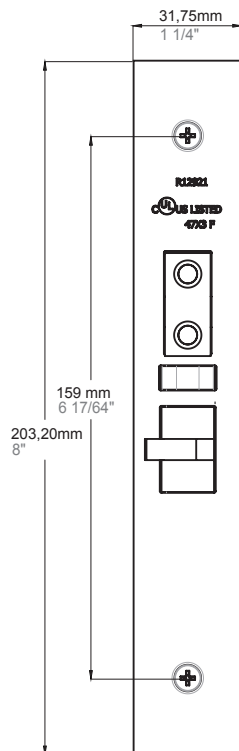


TECH SPECS

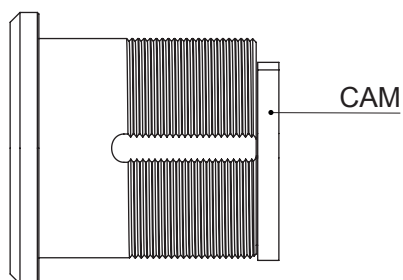
BACKSET 2 1/2



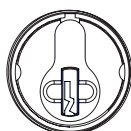
BACKSET 2 3/4



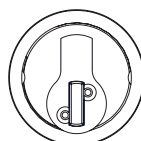
MORTISE CYLINDERS



SUITABLE CAMS

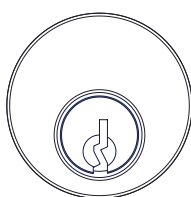


YA / YB

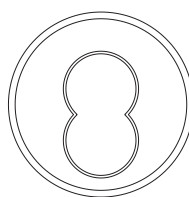


STRAIGHT

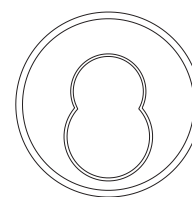
FORMATS



CONVENTIONAL



HOUSING FOR SFIC



HOUSING FOR LFIC



SFIC CORE
(compatible with any housing
regardless the brand)

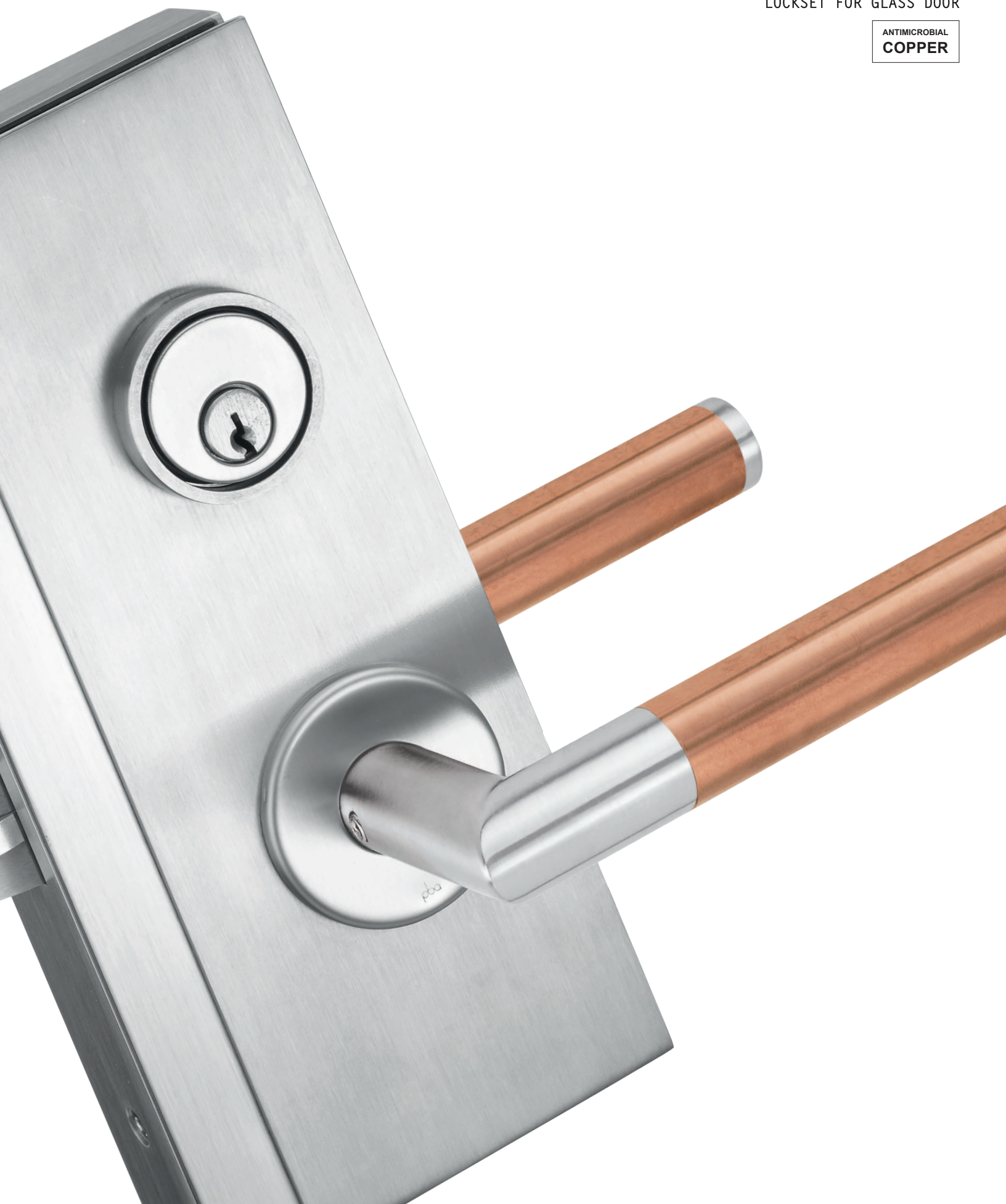


LFIC CORE
(compatible only with housing
from the same brand)

PROGRAMMA CU

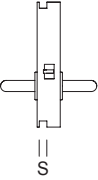
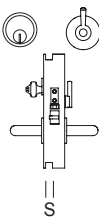
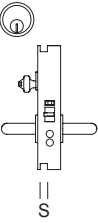
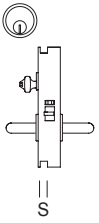
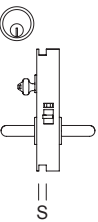
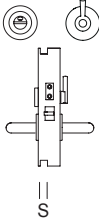
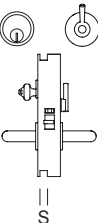
LOCKSET FOR GLASS DOOR

ANTIMICROBIAL
COPPER



ANTIMICROBIAL
COPPER

◆ .2 RH
AS PICTURED

	S	ITEM	◆		S	ITEM	◆
PASSAGE ANSI F01		3/8"	 HGU.LCK.0A09.44 . x - 2MU.028.00T4.4R Ø - 2MU.028.0UT8.4R Ø	DORMITORY ANSI F13		3/8"	 * HGU.LCK.2E09.44 . x - 2MU.028.00T4.4R Ø - 2MU.028.0UT8.4R Ø
		1/2"	 HGU.LCK.0A13.44 . x - 2MU.028.00T4.4R Ø - 2MU.028.0UT8.4R Ø			1/2"	 * HGU.LCK.2E13.44 . x - 2MU.028.00T4.4R Ø - 2MU.028.0UT8.4R Ø
OFFICE/ CORRIDOR ANSI F04		3/8"	 HGU.LCK.0F09.44 . x - 2MU.028.00T4.4R Ø - 2MU.028.0UT8.4R Ø	STOREROOM ANSI F07		3/8"	 HGU.LCK.0P09.44 . x - 2MU.028.00T4.4R Ø - 2MU.028.0UT8.4R Ø
		1/2"	 HGU.LCK.0F13.44 . x - 2MU.028.00T4.4R Ø - 2MU.028.0UT8.4R Ø			1/2"	 HGU.LCK.0P13.44 . x - 2MU.028.00T4.4R Ø - 2MU.028.0UT8.4R Ø
CLASSROOM ANSI F05		3/8"	 HGU.LCK.0G09.44 . x - 2MU.028.00T4.4R Ø - 2MU.028.0UT8.4R Ø	PRIVACY ANSI F19		3/8"	 * HGU.LCK.2M09.44 . x - 2MU.028.00T4.4R Ø - 2MU.028.0UT8.4R Ø
		1/2"	 HGU.LCK.0G13.44 . x - 2MU.028.00T4.4R Ø - 2MU.028.0UT8.4R Ø			1/2"	 * HGU.LCK.2M13.44 . x - 2MU.028.00T4.4R Ø - 2MU.028.0UT8.4R Ø
OFFICE/ENTRY ANSI F04+F13		3/8"	 * HGU.LCK.2I09.44 . x - 2MU.028.00T4.4R Ø - 2MU.028.0UT8.4R Ø				
		1/2"	 * HGU.LCK.2I13.44 . x - 2MU.028.00T4.4R Ø - 2MU.028.0UT8.4R Ø				

FINISH CODE HGU

.44 SATIN STAINLESS STEEL (ANSI/BHMA 630 - USD32D)

FINISH CODE 2MU

.4R COPPER
SATIN COPPER

STAINLESS STEEL
SATIN STAINLESS STEEL (ANSI/BHMA 630 - USD32D)

 WITH RETURN SPRING

 WITHOUT RETURN SPRING

ALSO AVAILABLE FOR THICKNESS 25/64" (10 mm)
AND 15/32" (12 mm)

MORTISE CYLINDER SPECIFICATION PAGE 63

MORTISE CYLINDER NOT INCLUDED

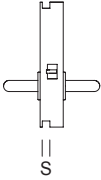
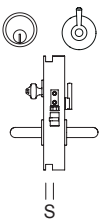
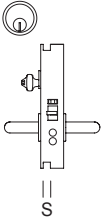
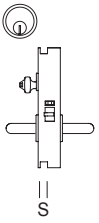
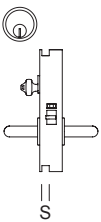
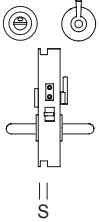
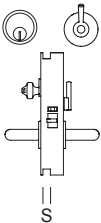
◆ . 1 LH . 2 RH . 3 LHR . 4 RHR

* ADA THUMB TURN

ANTIMICROBIAL
COPPER



◆ .2 RH
AS PICTURED

	S	ITEM	◆		S	ITEM	◆
PASSAGE ANSI F01		3/8"	 HGU.LCK.0A09.44 . x - 2MU.030.00T4.4R Ø - 2MU.030.0UT8.4R Ø	DORMITORY ANSI F13		3/8"	 * HGU.LCK.2E09.44 . x - 2MU.030.00T4.4R Ø - 2MU.030.0UT8.4R Ø
		1/2"	 HGU.LCK.0A13.44 . x - 2MU.030.00T4.4R Ø - 2MU.030.0UT8.4R Ø			1/2"	 * HGU.LCK.2E13.44 . x - 2MU.030.00T4.4R Ø - 2MU.030.0UT8.4R Ø
OFFICE/ CORRIDOR ANSI F04		3/8"	 HGU.LCK.0F09.44 . x - 2MU.030.00T4.4R Ø - 2MU.030.0UT8.4R Ø	STOREROOM ANSI F07		3/8"	 HGU.LCK.0P09.44 . x - 2MU.030.00T4.4R Ø - 2MU.030.0UT8.4R Ø
		1/2"	 HGU.LCK.0F13.44 . x - 2MU.030.00T4.4R Ø - 2MU.030.0UT8.4R Ø			1/2"	 HGU.LCK.0P13.44 . x - 2MU.030.00T4.4R Ø - 2MU.030.0UT8.4R Ø
CLASSROOM ANSI F05		3/8"	 HGU.LCK.0G09.44 . x - 2MU.030.00T4.4R Ø - 2MU.030.0UT8.4R Ø	PRIVACY ANSI F19		3/8"	 * HGU.LCK.2M09.44 . x - 2MU.030.00T4.4R Ø - 2MU.030.0UT8.4R Ø
		1/2"	 HGU.LCK.0G13.44 . x - 2MU.030.00T4.4R Ø - 2MU.030.0UT8.4R Ø			1/2"	 * HGU.LCK.2M13.44 . x - 2MU.030.00T4.4R Ø - 2MU.030.0UT8.4R Ø
OFFICE/ENTRY ANSI F04+F13		3/8"	 * HGU.LCK.2I09.44 . x - 2MU.030.00T4.4R Ø - 2MU.030.0UT8.4R Ø				
		1/2"	 * HGU.LCK.2I13.44 . x - 2MU.030.00T4.4R Ø - 2MU.030.0UT8.4R Ø				

FINISH CODE HGU
.44 SATIN STAINLESS STEEL (ANSI/BHMA 630 - USD32D)

FINISH CODE 2MU
.4R COPPER
SATIN COPPER

SATIN STAINLESS STEEL
SATIN STAINLESS STEEL (ANSI/BHMA 630 - USD32D)

Ø WITH RETURN SPRING

Ø WITHOUT RETURN SPRING

ALSO AVAILABLE FOR THICKNESS
25/64" (10 mm) AND 15/32" (12 mm)

MORTISE CYLINDER SPECIFICATION PAGE 63

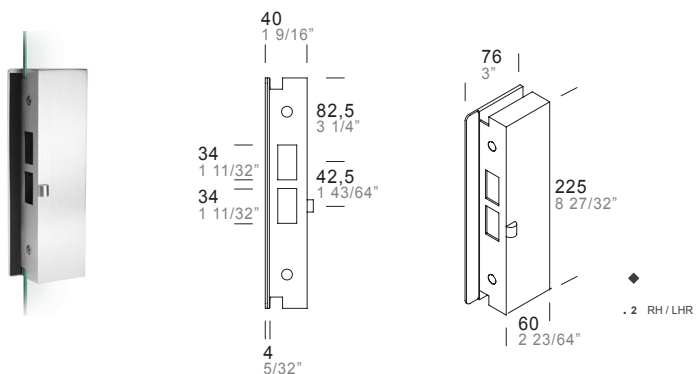
MORTISE CYLINDER NOT INCLUDED

◆ . 1 LH . 2 RH . 3 LHR . 4 RHR

* ADA THUMB TURN

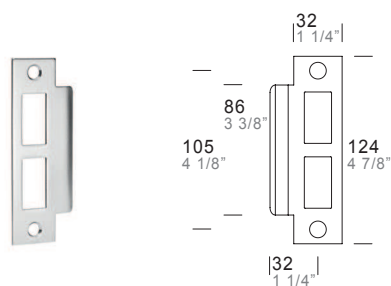


STRIKE BOX



ITEM ◆
 HGU.STK.0009.44 . x
 HGU.STK.0013.44 . x

STRIKE PLATE



ITEM
 HGU.STK.0001.44

FINISH CODE
 .44 SATIN STAINLESS STEEL (ANSI/BHMA 630 - USD32D)

PROGRAMMA H-GLASS HGU LOCKSETS FOR FRAMELESS GLASS DOOR

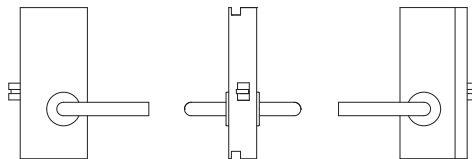
LOCKS FUNCTION (according to ANSI) FUNZIONE SERRATURA

PASSAGE

ANSI F 01

no key - no thumbturn

senza chiave - senza pomolo

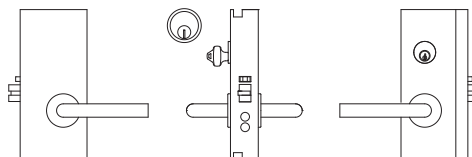


OFFICE / CORRIDOR

ANSI F 04

key - toggle - security egress

chiave - selettore - rilascio di emergenza

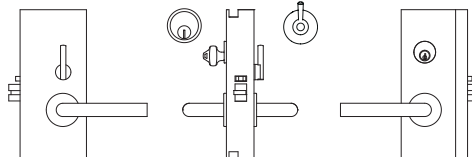


OFFICE / ENTRY

ANSI F 04 + F 13

key - thumbturn - security egress

chiave - pomolo - rilascio di emergenza

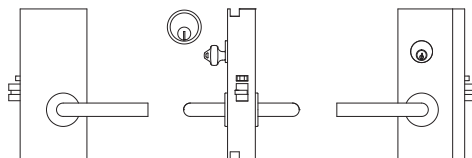


CLASSROOM

ANSI F 05

key - security egress

chiave - rilascio di emergenza



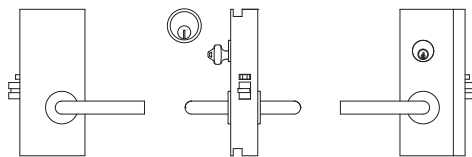
STOREROOM

ANSI F 07

key (outside lever inoperative) - security egress

chiave (maniglia esterna non operante) -

rilascio di emergenza

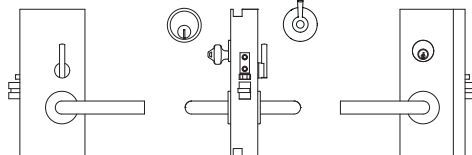


DORMITORY

ANSI F 13

key - thumbturn - deadbolt - security egress

chiave - pomolo - catenaccio - rilascio di emergenza



PRIVACY

ANSI F 19

thumbturn - snib indicator - deadbolt - security egress

pomolo - segnalatore libero/occupato - catenaccio -

rilascio di emergenza

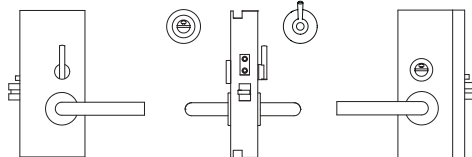
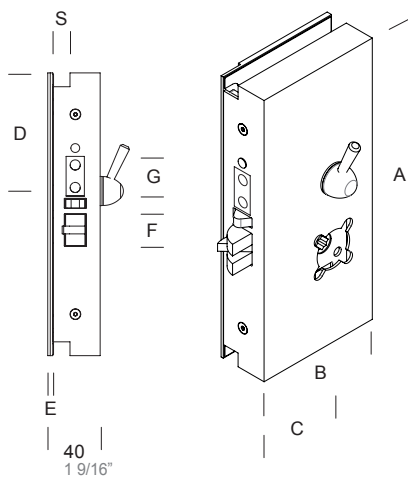


PLATE WITH LOCK PLACCA CON SERRATURA

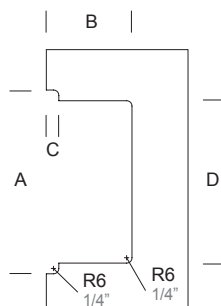


ART.	◆	A	B	C	D	E	F	G	S
HGU.LCK..xx09 . xx	x	225 mm 8 27/32"	100 mm 4"	64,5 mm 2 35/64"	94 mm 3 45/64"	4 mm 5/32"	26 mm 1 1/32"	31,5 mm 1 15/64"	9 mm 3/8"
HGU.LCK..xx10 . xx	x	225 mm 8 27/32"	100 mm 4"	64,5 mm 2 35/64"	94 mm 3 45/64"	4 mm 5/32"	26 mm 1 1/32"	31,5 mm 1 15/64"	10 mm 25/64"
HGU.LCK..xx12 . xx	x	225 mm 8 27/32"	100 mm 4"	64,5 mm 2 35/64"	94 mm 3 45/64"	4 mm 5/32"	26 mm 1 1/32"	31,5 mm 1 15/64"	12 mm 15/32"
HGU.LCK..xx13 . xx	x	225 mm 8 27/32"	100 mm 4"	64,5 mm 2 35/64"	94 mm 3 45/64"	4 mm 5/32"	26 mm 1 1/32"	31,5 mm 1 15/64"	12,7 mm 1/2"

◆

- 1 LEFT HAND (LH)
- 2 RIGHT HAND (RH)
- 3 LEFT HAND REVERSE (LHR)
- 4 RIGHT HAND REVERSE (RHR)

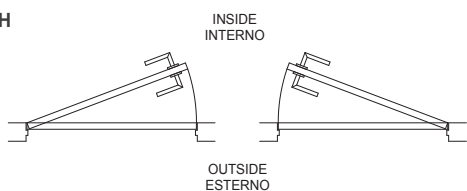
GLASS CUT TEMPLATE LOCK FRESATURA SU VETRO PER SERRATURA



A	B	C	D
206 mm 8 1/8"	94 mm 3 45/64"	14 mm 9/16"	182 mm 7 11/64"

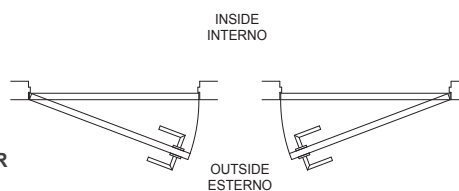
OPENING DIRECTION VERSO DI APERTURA (according to North American standard)

USA: LH
PBA: .1



USA: RH
PBA: .2

USA: LHR
PBA: .3



USA: RHR
PBA: .4

MORTISE CYLINDER

CIL.MOR.0001. xx
MORTISE CYLINDER CONVENTIONAL BATON



MORTISE CYLINDER WITH IC

AVAILABLE ON REQUEST MORTISE HOUSING FOR SFIC AND LFIC
BRAND OF COMPATIBLE MORTISE CYLINDER WITH IC ON REQUEST:
ARROW - CORBIN RUSSWIN - KABAILCO - MEDECO - SCHLAGE -
SARGENT - YALE - ILCO

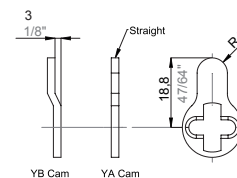


CORE FOR SFIC AND LFIC

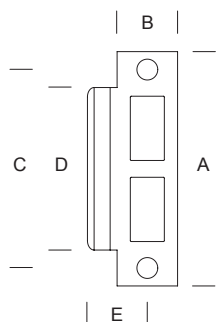
AVAILABLE ON REQUEST CORES FOR SFIC AND LFIC RIM AND MORTISE HOUSING
BRAND OF COMPATIBLE CORE FOR SFIC AND LFIC ON REQUEST:
ARROW - CORBIN RUSSWIN - KABAILCO - MEDECO - SCHLAGE -
SARGENT - YALE - ILCO



CYLINDER CAM CAMMA CILINDRO (SUGGESTED)



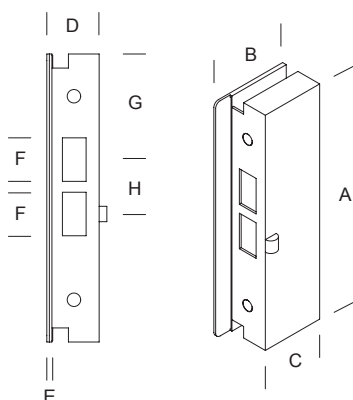
STRIKE PLATE INCONTRO PER PROFILO



ART.	A	B	C	D	E
HGU.STK.0001. xx *	124 mm 4 7/8"	32 mm 1 1/4"	105 mm 4 1/8"	86 mm 3 3/8"	32 mm 1 1/4"

* PROVIDED WITH THE LOCK
IN DOTAZIONE CON SERRATURA

STRIKE BOX INCONTRO PER VETRO

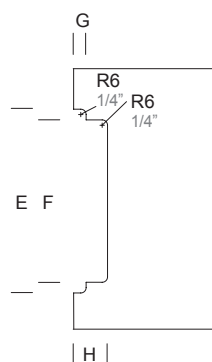


ART.	◆	A	B	C	D	E	F	G	H
HGU.STK.0009. xx x		225 mm 8 27/32"	76 mm 3"	60 mm 2 23/64"	40 mm 1 9/16"	4 mm 5/32"	34 mm 1 11/32"	82,5 mm 3 1/4"	42,5 mm 1 43/64"
HGU.STK.0010. xx x		225 mm 8 27/32"	76 mm 3"	60 mm 2 23/64"	40 mm 1 9/16"	4 mm 5/32"	34 mm 1 11/32"	82,5 mm 3 1/4"	42,5 mm 1 43/64"
HGU.STK.0012. xx x		225 mm 8 27/32"	76 mm 3"	60 mm 2 23/64"	40 mm 1 9/16"	4 mm 5/32"	34 mm 1 11/32"	82,5 mm 3 1/4"	42,5 mm 1 43/64"
HGU.STK.0013. xx x		225 mm 8 27/32"	76 mm 3"	60 mm 2 23/64"	40 mm 1 9/16"	4 mm 5/32"	34 mm 1 11/32"	82,5 mm 3 1/4"	42,5 mm 1 43/64"

◆
. 2 RH / LHR

◆
. 1 LH / RHR
. 2 RH / LHR

GLASS CUT TEMPLATE STRIKE BOX FRESATURA SU VETRO PER INCONTRO



E	F	G	H
206 mm 8 1/8"	182 mm 7 11/64"	14 mm 9/16"	38 mm 1 1/2"

ADA

The Americans with Disabilities Act of 2010 (ADA) states that door and gate hardware shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist. Moreover, a maximum force of 5 pounds (22,2 N) is required to operate the hardware. All pba millwork pulls presented in this brochure were designed and produced to comply with the above requirements. Final interpretation of ADA compliance is the responsibility of the specifier and should be determined relative to specific project conditions and local codes

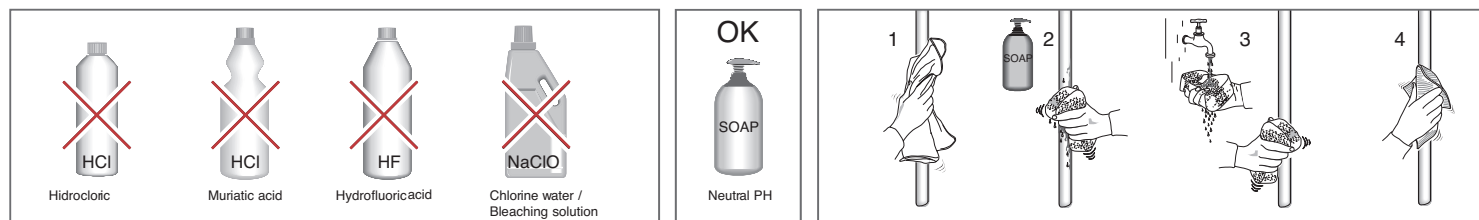
LEED

Stainless steel AISI 316L used to manufacture pba pulls is 100% recyclable. Moreover the raw material is made of 70-85% of scrap material. Brass, used for some inner parts of our hardware is 100% recycled and recyclable. Zamak, the zinc's alloy which some handles details are made of, is also 100% recyclable and contains a variable quantity of recycled material (10%-50%).

COLOR

Over time copper will naturally change colors – transforming from a shiny brown color to darker browns, then blues and finally greens after a number of years. This change in color due to the natural oxidation doesn't affect the anti-microbial activity that remains intact.

MAINTENANCE



Do not use:
chlorine, water plus salt solution, acid or alcoholic solution to avoid damaging the copper plated finish.

WARNINGS, CLEANING AND MAINTENANCE

Any imperfections and/or differences in the shape, finishes and materials can be attributed to the automated and/or manual operations required in the production process. Failing to comply with the instructions, improper use (e.g. using as a hanger), damage caused by blunt and/or sharp objects, lack of care in use (i.e. not using a suitable door stop), improper maintenance (e.g. cleaning with polishing products that are abrasive or contain alcohol, instead of neutral soap), intense use (e.g. the operation on doors with a very high frequency of use), can cause scratches, dents or wear to the products with corrosive results, for which we assume no responsibility.

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