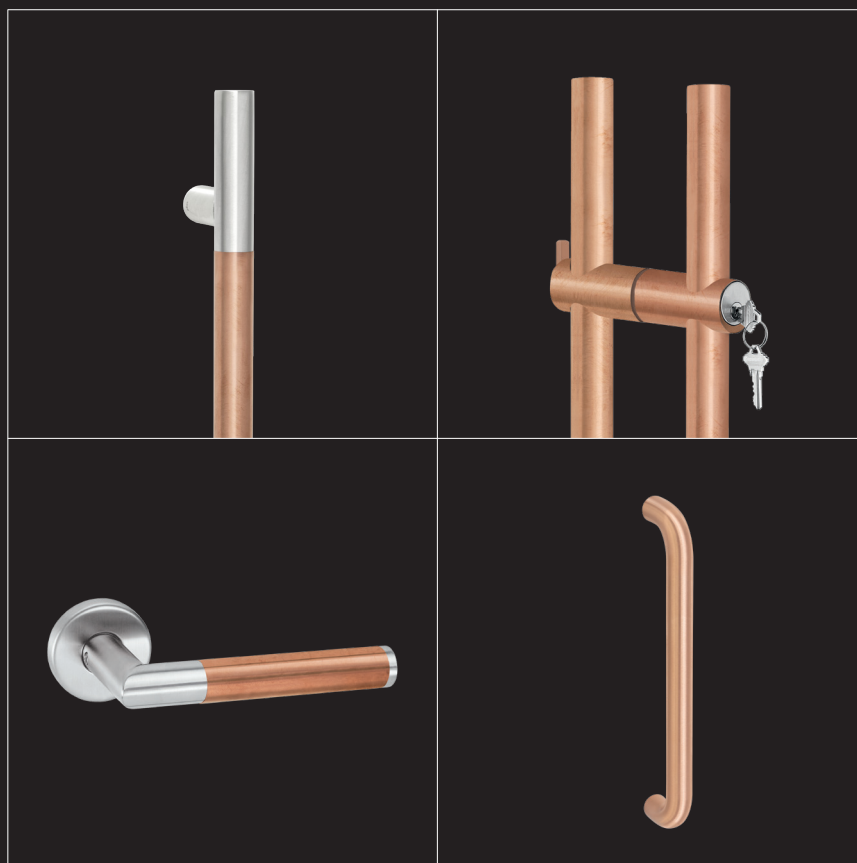




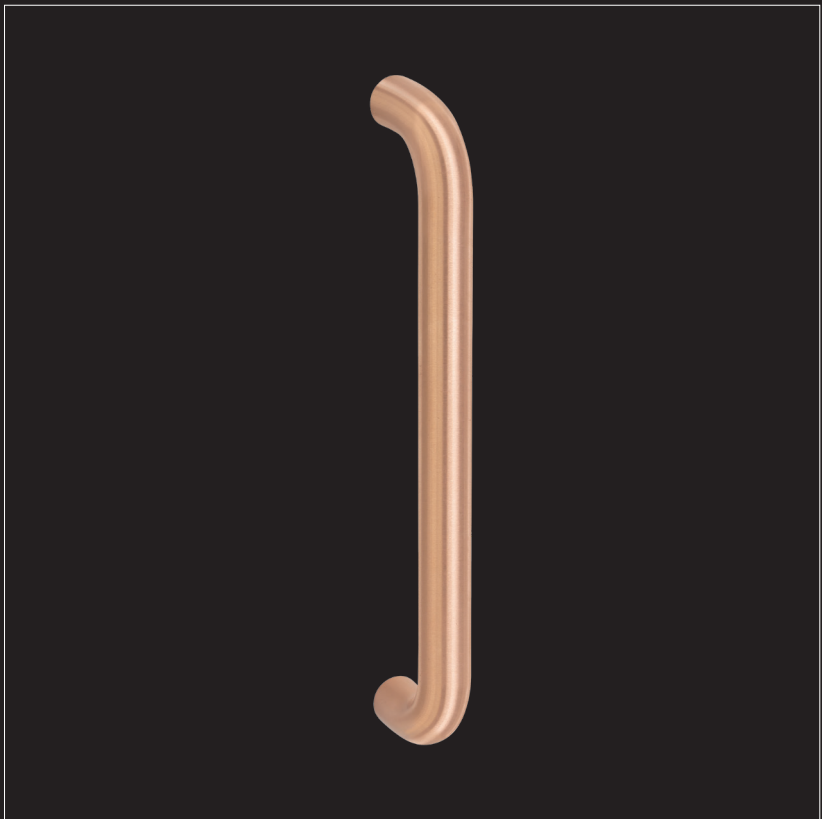
PROGRAMMA CU

COPPER - STAINLESS STEEL



MADE
IN ITALY

ANTIMICROBIAL
COPPER



Il Rame: Naturalmente Antimicrobico

Test di laboratorio indipendenti dimostrano che se le superfici sono pulite regolarmente, il rame uccide più del 99,9% dei batteri entro 2 ore dall'esposizione: *Staphylococcus aureus* resistente alla meticillina (MRSA), *Enterococcus faecalis* resistente alla vancomicina (VRE), *Staphylococcus aureus*, *Enterobacter aerogenes*, *Pseudomonas aeruginosa* ed *E. coli* O157: H7.

Questi batteri sono considerati rappresentativi dei patogeni più pericolosi in grado di causare infezioni gravi e spesso fatali. Gli studi riportati dall'*International Journal of Environmental Research and Public Health* dimostrano che sulle superfici di rame, oltre il 99,9% di MRSA, così come gli altri batteri sopra indicati, vengono uccisi entro due ore a temperatura ambiente.

I Centers for Disease Control and Prevention (CDC) stimano che le infezioni che si presentano negli ospedali colpiscono due milioni di persone e causano quasi 100.000 decessi ogni anno. L'uso di leghe di rame per superfici frequentemente toccate ha quindi implicazioni di vasta portata nel ridurre le infezioni generate da batteri patogeni.

L'utilizzo di maniglie e maniglioni in rame per ambienti ospedalieri, spazi pubblici e generalmente in strutture ad alta frequentazione, è una scelta strategica per ridurre la quantità di batteri patogeni e le conseguenti infezioni.

A differenza dei rivestimenti o dei trattamenti su altri materiali, l'efficacia antibatterica del rame non si esaurisce né con l'uso né con il passare del tempo. Le maniglie e maniglioni in rame mantengono la loro efficacia antibatterica anche quando sono graffiati; offrono quindi una protezione maggiore e a lungo termine rispetto ai rivestimenti antimicrobici.

Copper Facts: Antimicrobial Copper

Hospital equipment made from copper alloys can play an important role in complementing traditional methods of disinfection. Studies on the antimicrobial properties of copper and its alloys have been conducted using various methods.

The study reported in the *International Journal of Environmental Research and Public Health* confirmed the antimicrobial properties of copper alloys, showing that copper kills greater than 99.9% of the most common 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 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.

The *New England Journal of Medicine* recently reported that copper, when compared to other materials including plastic and stainless steel, is also dramatically less hospitable to virus.

Faits sur le Cuivre : Le Cuivre Antimicrobien

Tests de laboratoire indépendants montrent que, lorsqu'il est nettoyé régulièrement, le cuivre tue dans les deux heures qui suivent l'exposition plus de 99,9% des bactéries suivantes: Staphylococcus aureus résistant à la méticilline (SARM), Enterococcus faecalis résistant à la vancomycine (ERV), Staphylococcus aureus, Enterobacter aerogenes, Pseudomonas aeruginosa et E.coli O157:H7.

Ces bactéries sont considérées comme les agents pathogènes les plus dangereux et capables de provoquer des infections graves et souvent mortelles.

Les études rapportées dans l'International Journal of Environmental Research and Public Health montrent que sur les surfaces en alliage de cuivre, plus de 99,9% de SARM ainsi que les autres bactéries indiquées ci-dessus, sont tuées en deux heures à température ambiante.

Les Centres de prévention et de contrôles des maladies (CDC) estiment que les infections contractées dans les hôpitaux américains affectent chaque année deux millions de personnes et entraînent près de 100.000 décès par an. L'utilisation d'alliages de cuivre pour les surfaces fréquemment utilisées, en complément des schémas existants de lavage des mains et de désinfection prescrite par les CDC a des vastes implications.

Les utilisations du cuivre où il peut aider à réduire la quantité des bactéries pathogènes dans les lieux de santé, les espaces publics et en général dans les établissements avec une forte fréquentation, comprennent la quincaillerie de portes et de meubles.

Contrairement aux revêtements ou autres traitements, l'efficacité antibactérienne des métaux de cuivre ne s'épuise pas. Ils sont solides et sont efficaces même lorsque ils sont rayés. Ils offrent une protection à long terme tandis que les autres revêtements antimicrobiens sont plus fragiles et peuvent se détériorer ou disparaître avec le temps.

Fakten zu Kupfer: Antimikrobielles Kupfer

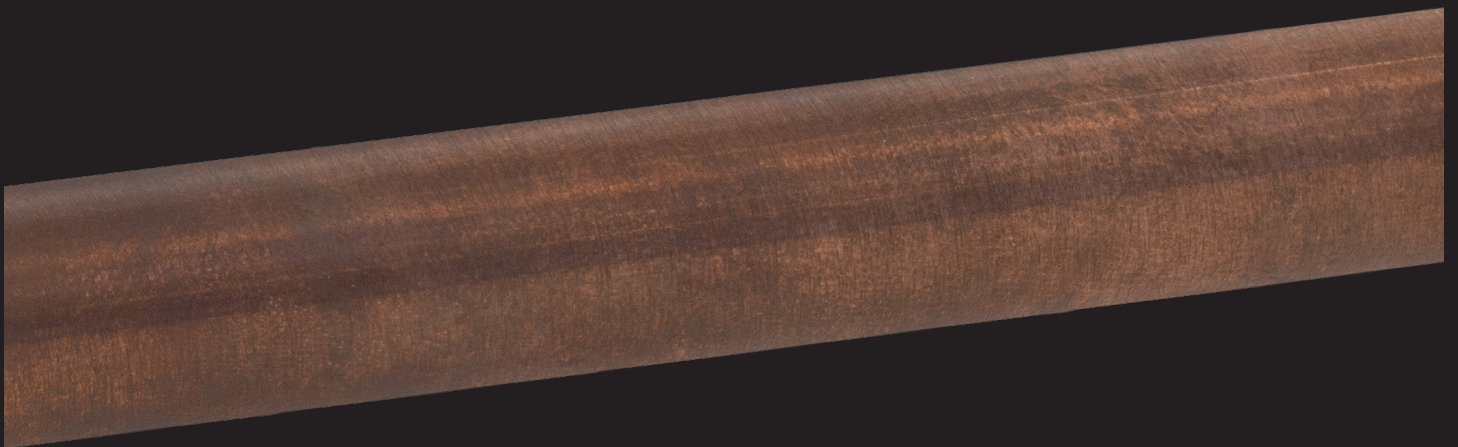
Unabhängige Labortests zeigen, dass bei regelmäßiger Reinigung der Oberflächen Kupfer innerhalb von 2 Stunden nach der Exposition mehr als 99,9% der folgenden Bakterien abtötet: Methicillin-resistenter Staphylococcus aureus (MRSA), Vancomycin-resistenter Enterococcus faecalis (VRE), Staphylococcus aureus, Enterobacter aerogenes, Pseudomonas aeruginosa und E. coli O157:H7.

Diese Bakterien gelten als repräsentativ für die gefährlichsten Krankheitserreger, die schwere und oft tödliche Infektionen verursachen können.

Das Centers for Disease Control and Prevention (CDC) schätzt, dass in US-Krankenhäusern zugezogene Infektionen jedes Jahr zwei Millionen Menschen betreffen und jährlich zu fast 100.000 Todesfällen führen. Die Verwendung von Kupferlegierungen für häufig berührte Oberflächen als Ergänzung zu den bestehenden, vom CDC vorgeschriebenen Händewasch- und Desinfektionsverfahren hat weitreichende Auswirkungen.

Zu der potenziellen Verwendungen des Kupfers, bei der es dazu beitragen kann, die Menge an krankheitserregenden Bakterien im Gesundheitswesen, in öffentlichen Räumen und allgemein in Einrichtungen mit hoher Besucherzahl zu reduzieren, gehören Tür- und Möbelbaubeschläge.

Im Gegensatz zu Beschichtungen oder anderen Materialbehandlungen lässt die antibakterielle Wirksamkeit von Kupfermetallen nicht nach. Sie sind durch und durch solide und selbst bei Kratzern wirksam. Sie bieten langfristigen Schutz. Antimikrobielle Beschichtungen hingegen sind empfindlicher und können sich mit der Zeit abnutzen.

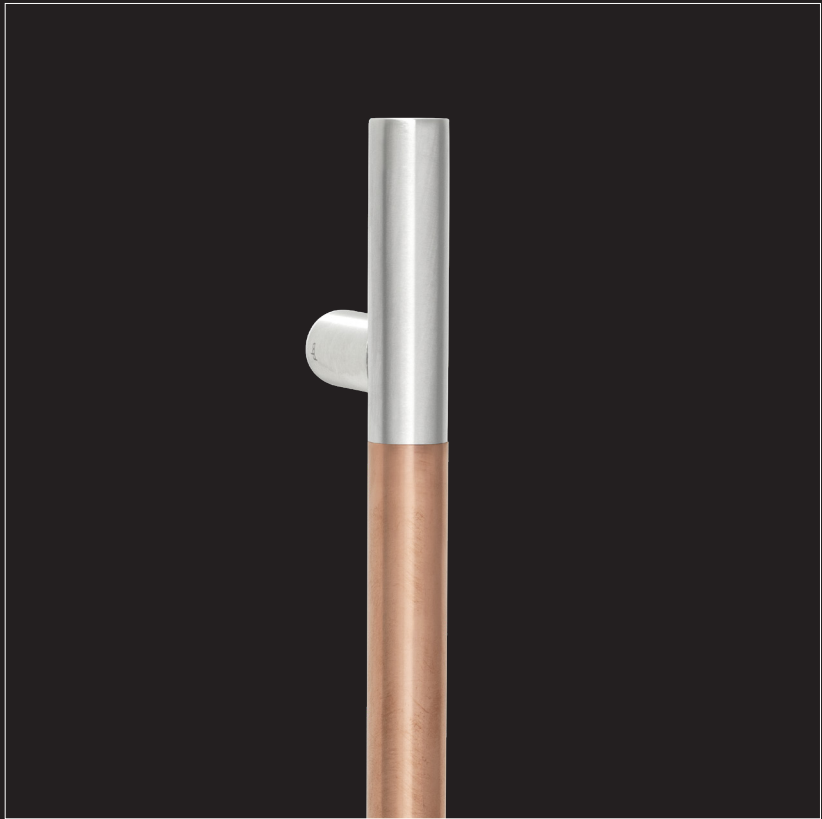


In principio la luce poi, il calore delle brune tonalità infine, l'apparire del verde. Il Rame cambia, vira nel colore e regala agli oggetti l'estetica di mille vite. Cambia pelle ma la forza di combattere le infezioni e resistere agli agenti atmosferici, questa, rimane una e sempre.

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.

Tout d'abord le brillant, puis la chaleur des tonalités brunes et enfin l'apparition du vert. Le cuivre change, vire de couleur et apporte aux objets une esthétique aux mille facettes. Il mue sans cesse mais sa capacité à résister aux contaminations et aux agents atmosphériques demeure.

Am Anfang hell, dann warme Brauntöne und schließlich Grün - Kupfer ändert sich, wechselt seine Farbe und verleiht den Gegenständen eine Ästhetik mit unendlicher Lebensvielfalt. Es ändert sein Aussehen, aber seine Infektionsbeständigkeit und Wetterfestigkeit bleiben immer erhalten.



ACCIAIO INOSSIDABILE

I prodotti in acciaio inossidabile hanno proprietà antibatteriche naturali aumentando il livello di pulizia degli ambienti. pba è il brand dell'acciaio inox AISI 316L il più duro, resistente ed elastico tra gli acciai.

L'acciaio inox AISI 316L è una lega austenitica. Si distingue dalle altre leghe di acciaio inossidabile per l'alta percentuale di molibdeno che garantisce una resistenza superiore alla corrosione e agli agenti atmosferici, e di nickel per garantire una maggiore stabilità. La lettera "L" indica un basso contenuto di carbonio (uguale o inferiore allo 0,03%) che riduce il rischio di corrosione dopo la saldatura.

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%.

ACIER INOXYDABLE

Les produits en acier inoxydable ont des propriétés antibactériennes naturelles et une bonne maîtrise de la propreté. pba est reconnue comme la marque de l'acier inox AISI 316L le plus dur, le plus résistant et le plus élastique parmi les aciers.

L'acier inoxydable AISI 316L est un alliage austénitique. Il se distingue des autres aciers inoxydables par son pourcentage élevé de molybdène, ce qui lui confère une résistance particulière à la corrosion par piqûre et à la corrosion sous contrainte. Dans ce type d'acier inoxydable, la présence de nickel est accrue afin de garantir la stabilité. De plus, le «L» indiqué dans la définition Aisi 316 signifie faible émission de carbone et en fait sa quantité est inférieure ou égale à 0,03%. Cette caractéristique évite les risques de corrosion intergranulaire pendant le processus de soudage.

EDELSTAHL ROSTFREI

Produkte aus Edelstahl haben natürliche antibakterielle Eigenschaften und gute Reinigungseigenschaften. pba ist die Premiummarke für die Verarbeitung von Edelstahl der Güte 1.4404, dem elastischen und widerstandsfähigstem Edelstahl. Edelstahl AISI 316L ist eine austenitische Legierung. Es unterscheidet sich von anderen inoxidierbaren Stählen durch den hohen Molybdänanteil, der ihm eine besondere Beständigkeit gegen Lochfraß und Spannungskorrosion verleiht. Bei dieser Art von Edelstahl wird der Anteil des Nickels erhöht, um Stabilität zu gewährleisten. Darüber hinaus steht das „L“ für einen niedrigen Kohlenstoffgehalt und diese Menge beträgt maximal 0,03%. Diese Funktion verlängert die Chromkarbidniederschlagszeit und verhindert das Risiko von Korngrenzenkorrosion während des Schweißvorgangs.

AISI 316L chemical composition

Material - Stainless steel	C%	Cr%	Ni%	Mo %
AISI 316L (1.4404)*	0,03 max	16.0-18.0	10.0-14.0	2.00-3.00

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

MANIGLIONI
PULLS
POIGNÉES
STOßGRIFFE

PAGE 11

MANIGLIONI CON SERRATURA
LADDER PULLS
POIGNÉES DE TIRAGE AVEC SERRURE
STOßGRIFFE MIT VERSCHLUSS

PAGE 19

MANIGLIE
LEVERS
BÉQUILLES
TÜRDRÜCKER

PAGE 45

SERRATURA MORTISE
MORTISE LOCKS
SERRURE MORTISE
MORTISE VERSCHLUSS

PAGE 54

PLACCHE CON SERRATURA PER PORTE IN VETRO
LOCKSETS FOR GLASS DOOR
PLAQUES AVEC SERRURE POUR PORTES EN VERRE
TÜRSCHILDER FÜR GLASTÜREN

PAGE 59

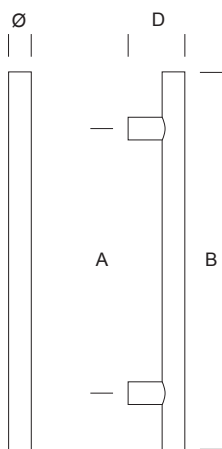
PROGRAMMA CU

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"

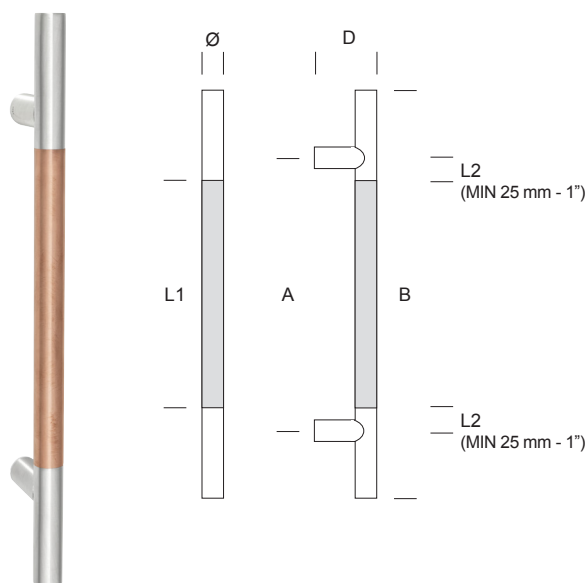
ADDITIONAL SUPPORT RECOMMENDED for CTC > 31-1/2"
(2 supports configuration available with OAL up to 48" with inner reinforcement)

FINISH CODE

.86 SATIN COPPER

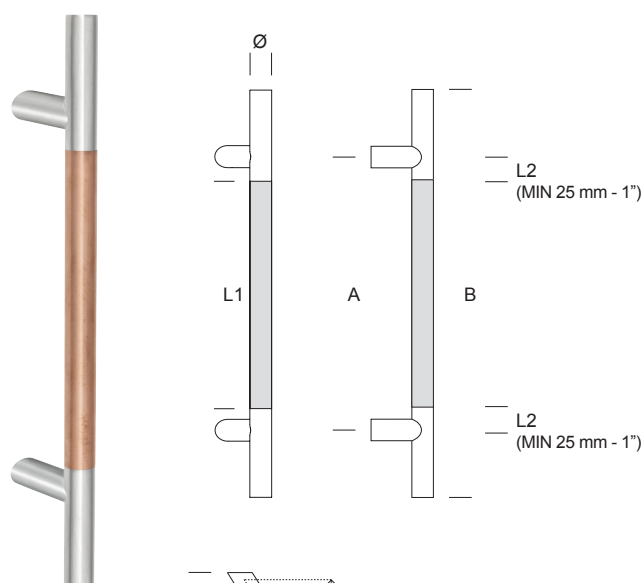
ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.

FIXING D
page 18

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

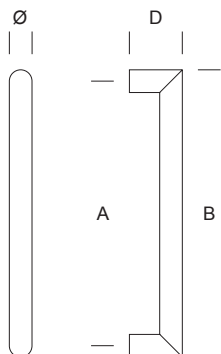
COPPER
.4R SATIN COPPER

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 18

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"

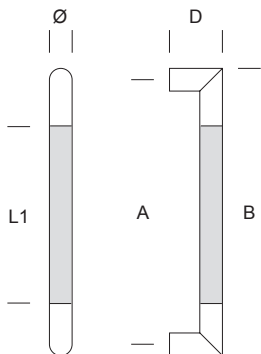
FINISH CODE

.86 SATIN COPPER

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

FIXING D
page 18

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"

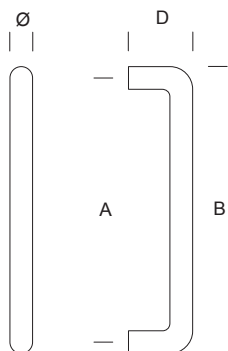
Model not available custom size

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

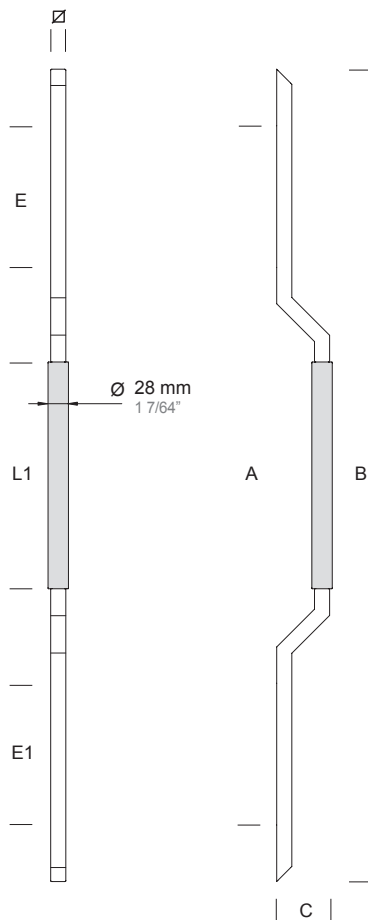
ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.

FIXING D
page 18

ANTIMICROBIAL
COPPER

P B A
PATENTED
DESIGN

PATENT
003997899

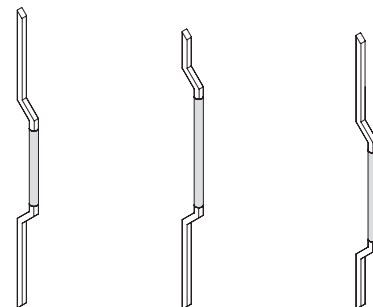


□ Stainless Steel
■ Satin Copper

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)

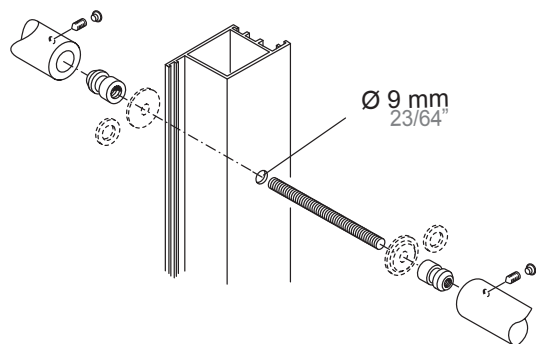
ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.

◆
. 1 RIGHT
. 2 LEFT

FIXING D
page 18

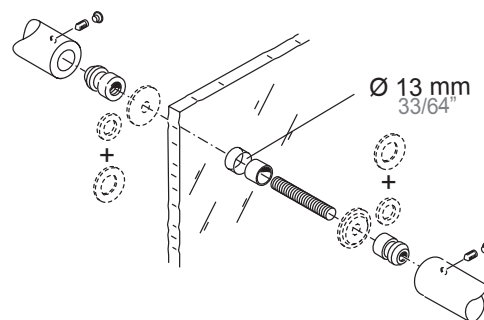
FIXINGS D

FIX.710.000D.B2



- BACK TO BACK FIXING FOR WOOD, ALUMINUM, PVC

FIX.810.000D.B2



- BACK TO BACK FIXING FOR GLASS

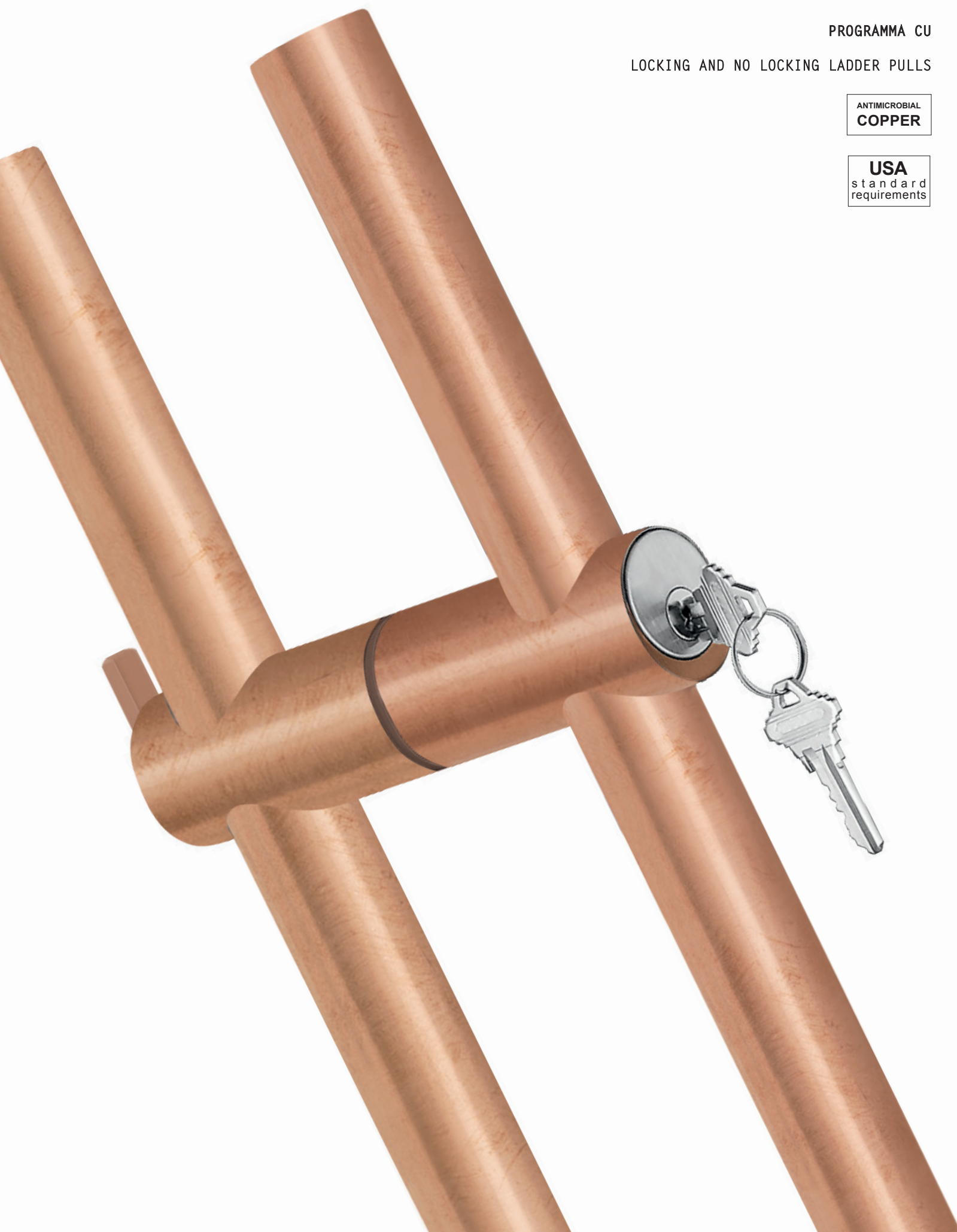
Glass protections included

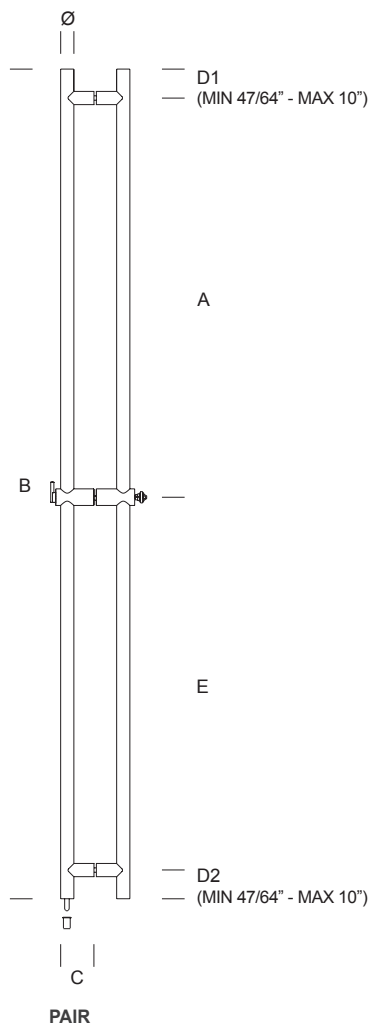
PROGRAMMA CU

LOCKING AND NO LOCKING LADDER PULLS

ANTIMICROBIAL
COPPER

USA
standards
requirements



LOCKING
FULL SIZE

ANTIMICROBIAL
COPPER

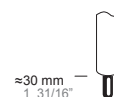
PBA
PATENTED
SYSTEM

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 38

SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U4.99
page 37
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

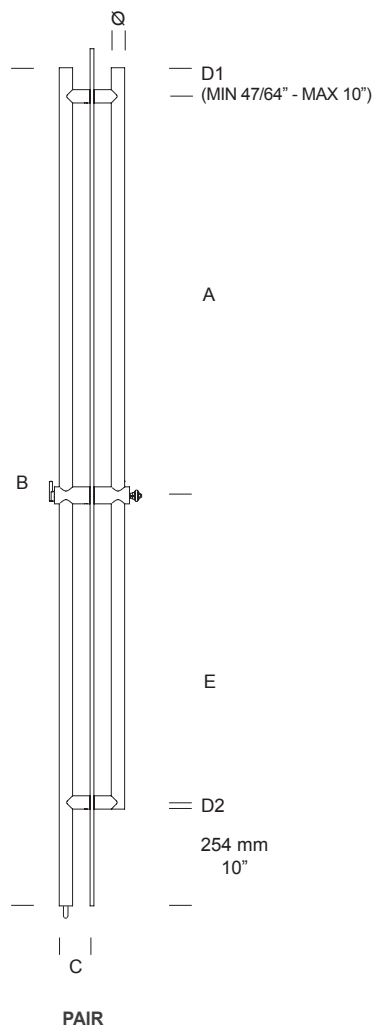
COMBINED NON LOCKING
page 26

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\"/>

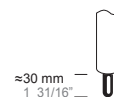
PBA
PATENTED
SYSTEM

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 38

SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U4.99
page 37
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

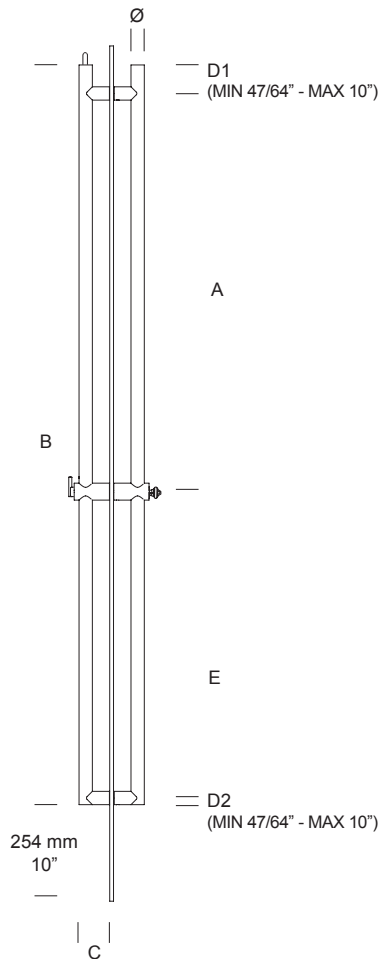
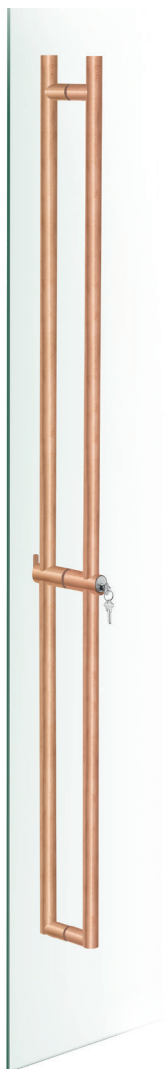
COMBINED NON LOCKING
page 27

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\"/>

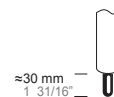
PBA
PATENTED
SYSTEM

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"

FINISH CODE

.86 SATIN COPPER

DOOR PREPARATION DP1
page 38

SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U4.99
page 37
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

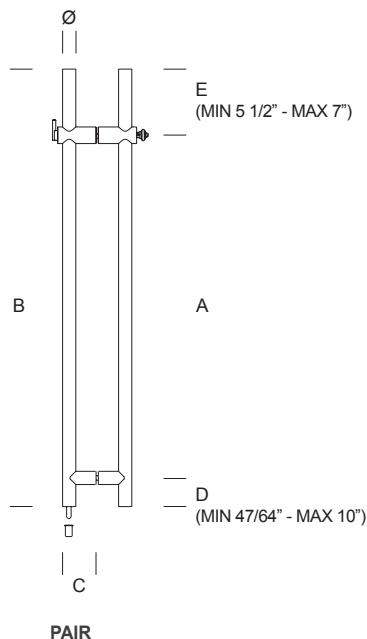
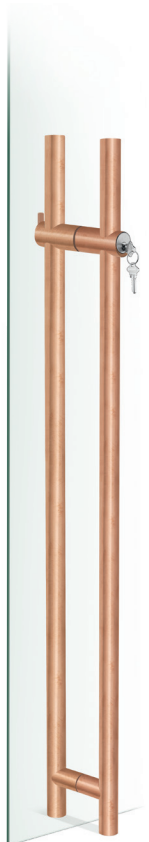
STRIKE DETAILS
page 35

COMBINED NON LOCKING
page 28

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

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



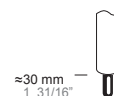
RIM CYLINDER
WITH IC



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 39

SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U2.99
page 37
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

COMBINED NON LOCKING
page 29

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

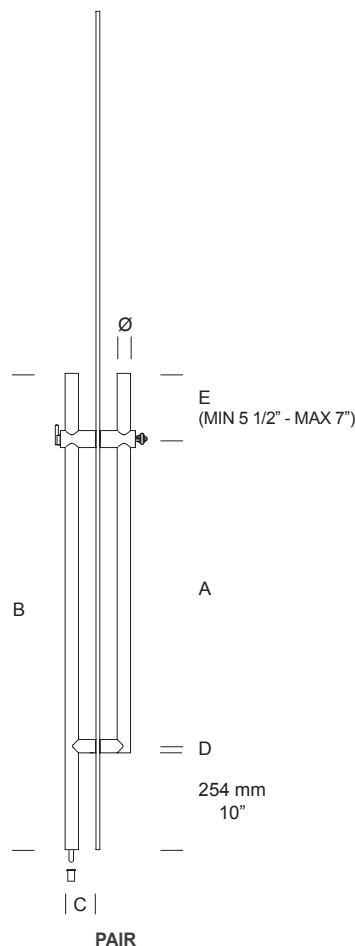
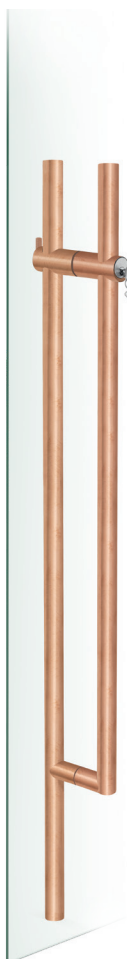
FINISH CODE

.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

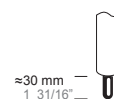
PBA
PATENTED
SYSTEM

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 39

SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U2.99
page 37
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

COMBINED NON LOCKING
page 30

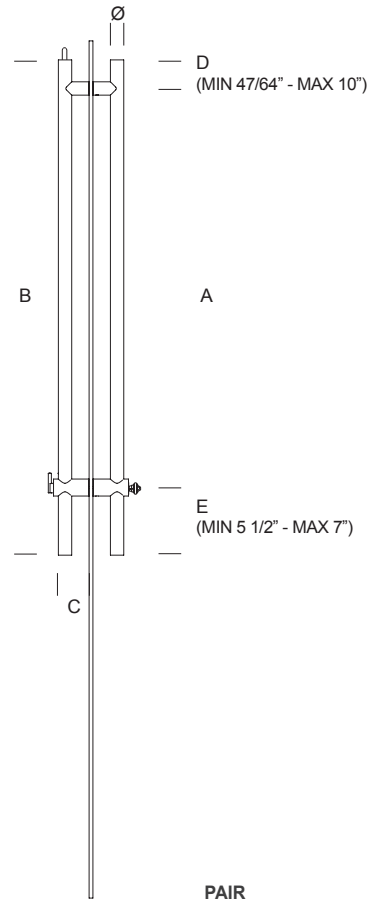
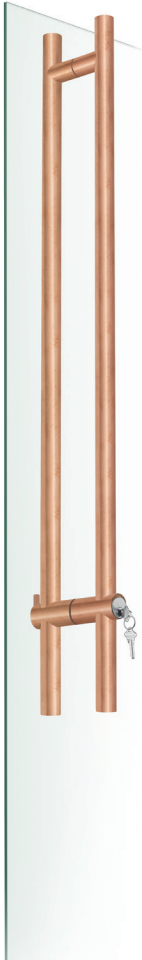
ITEM
KLU.0G2.00TU
KLU.0G2.99TU
KLU.0G2.0T48
KLU.0G2.0T60

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



PAIR

ANTIMICROBIAL
COPPER

ADA
10"
clearance
layout

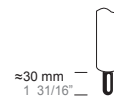
PBA
PATENTED
SYSTEM

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	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 40

SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U2.99
page 37
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

STRIKE DETAILS
page 35

COMBINED NON LOCKING
page 31

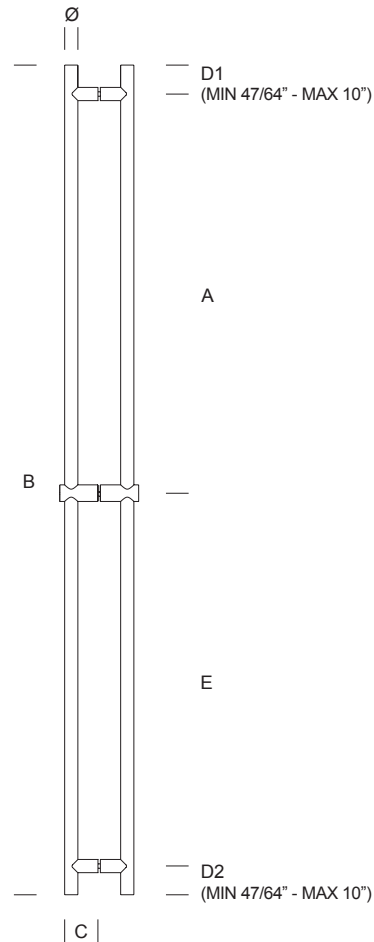
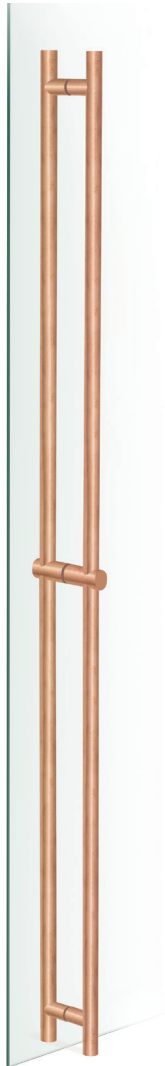
ITEM
KLU.0G2.00RU
KLU.0G2.99RU
KLU.0G2.RU48
KLU.0G2.RU60
KLU.0G2.RU72


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 38

NON LOCKING TO MATCH PULL ON
page 32

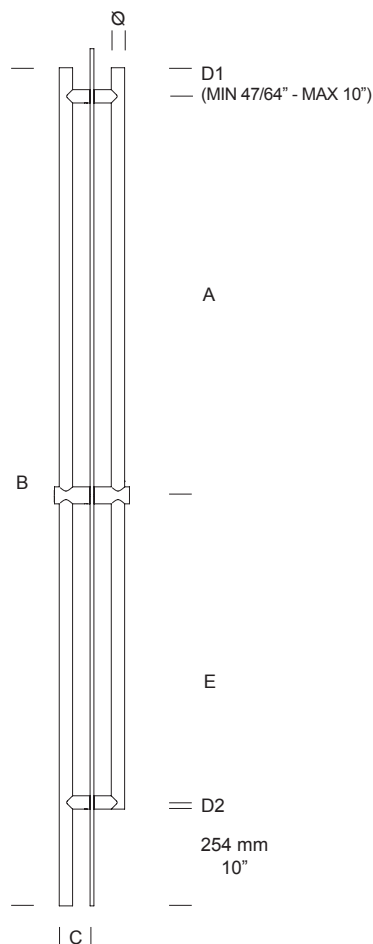
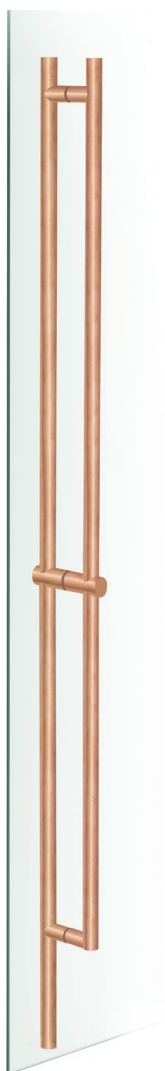
SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U4.99
page 37
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

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
layout

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

PAIR

PAIR	ITEM	A	B	C	D1	D2	E	Ø
	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 38

NON LOCKING TO MATCH PULL ON
page 33

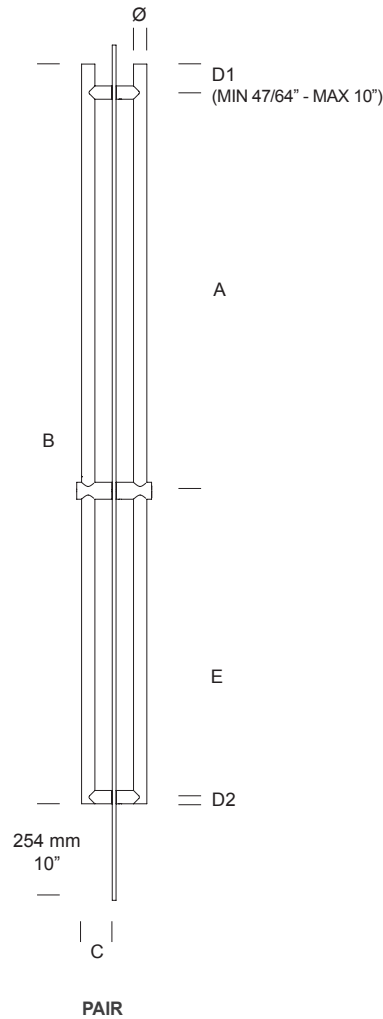
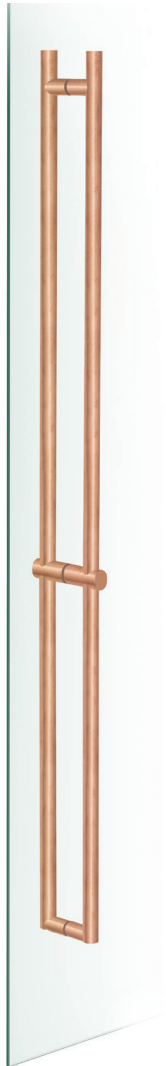
SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U4.99
page 37
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

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
layout

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 38

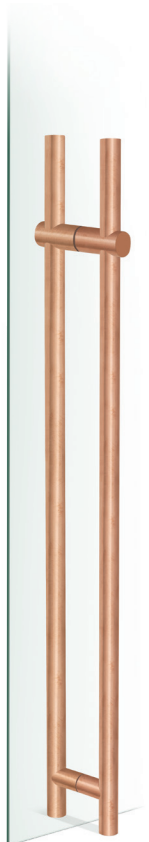
SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U4.99
page 37
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

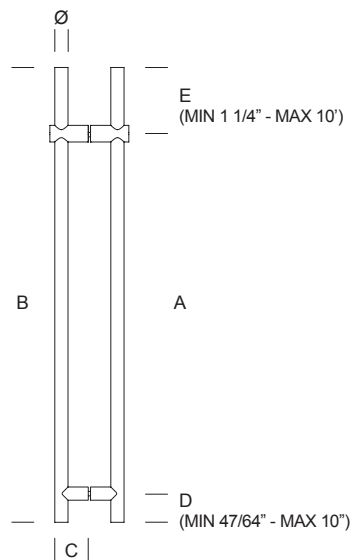
NON LOCKING TO MATCH PULL ON
page 34

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 39

NON LOCKING TO MATCH PULL ON
page 32

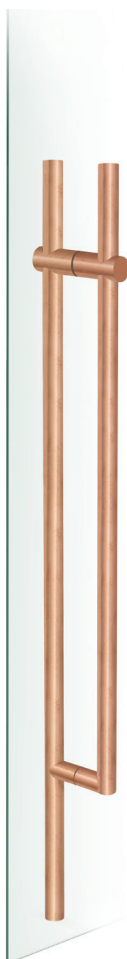
SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U2.99
page 37
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

FINISH CODE

.86 SATIN COPPER

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

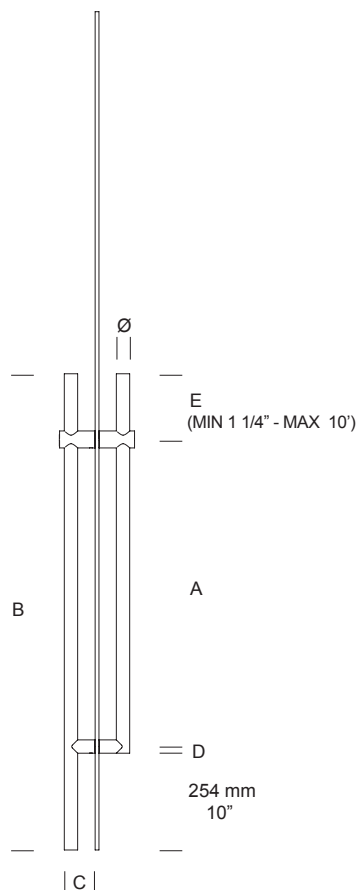
NON LOCKING
HALF SIZE



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 39

SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U2.99
page 37
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

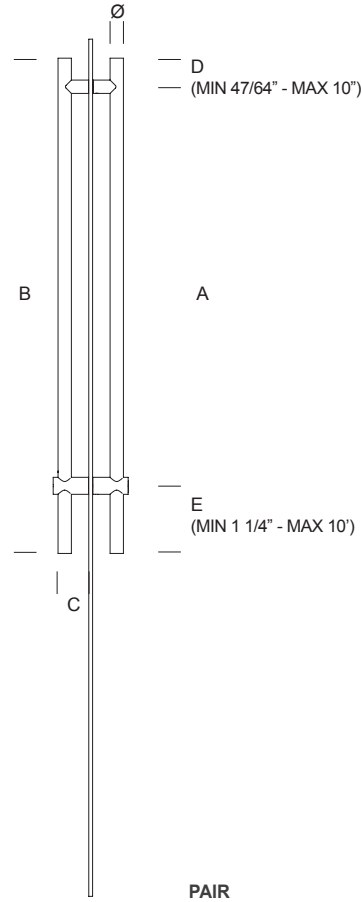
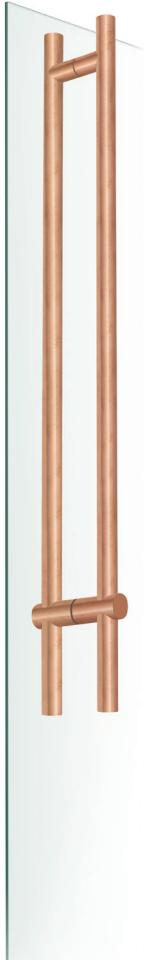
NON LOCKING TO MATCH PULL ON
page 33

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

ADA
10"
clearance
layout

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 40

SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99U2.99
page 37
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

NON LOCKING TO MATCH PULL ON
page 34

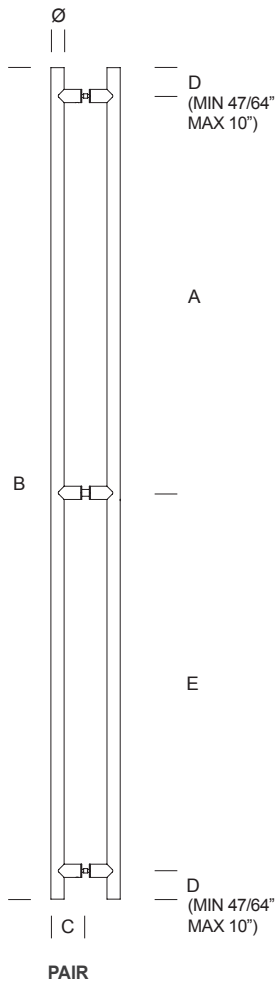
FINISH CODE

.86 SATIN COPPER

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

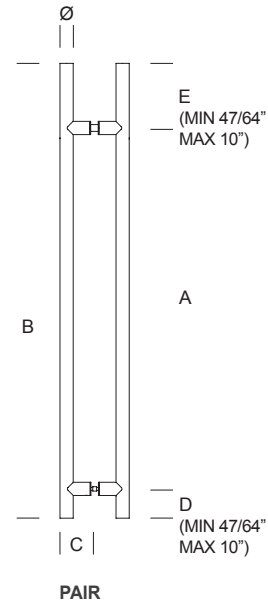
UNIVERSAL
NON LOCKING
FULL SIZE

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 41-42

SPACERS FOR DOUBLE GLAZED DOOR

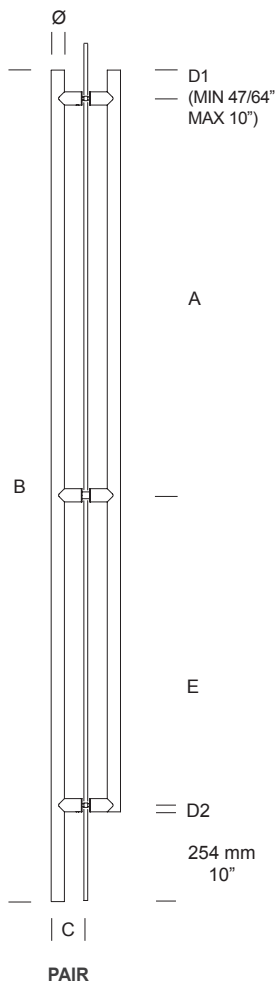
KLU.KIT.99G4.99 (UNIVERSAL NO LOCKING FULL SIZE)
KLU.KIT.99G2.99 (UNIVERSAL NO LOCKING HALF SIZE)
page 37
SPACERS ARE IN COPPER COLOR POWDER COATED
ALUMINUM

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.

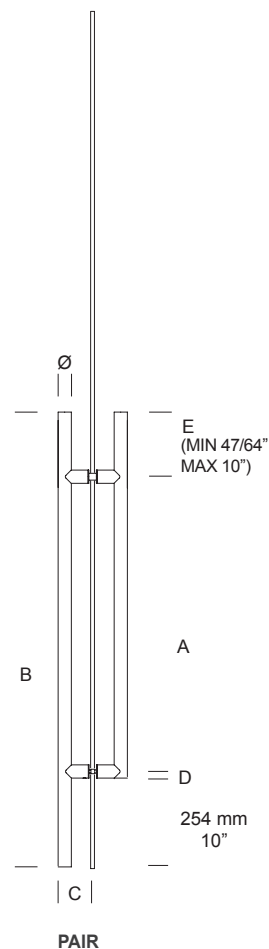
UNIVERSAL
NON LOCKING
FULL SIZE

ANTIMICROBIAL
COPPER



UNIVERSAL
NON LOCKING
HALF 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

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 41-42

SPACERS FOR DOUBLE GLAZED DOOR

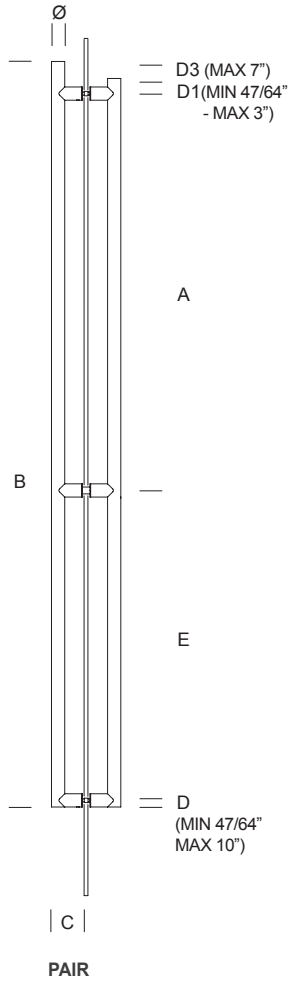
KLU.KIT.99G4.99 (UNIVERSAL NO LOCKING FULL SIZE)
KLU.KIT.99G2.99 (UNIVERSAL NO LOCKING HALF SIZE)
page 37
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

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

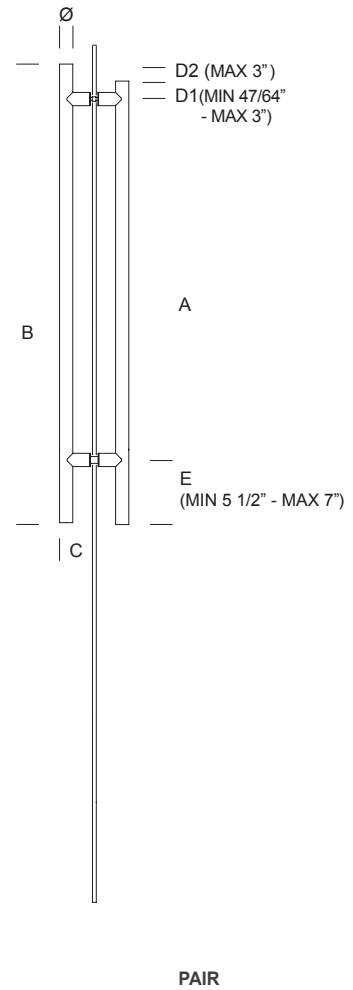
ANTIMICROBIAL
COPPER



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 41-42

SPACERS FOR DOUBLE GLAZED DOOR
KLU.KIT.99G4.99 (UNIVERSAL NO LOCKING FULL SIZE)
KLU.KIT.99G2.99 (UNIVERSAL NO LOCKING HALF SIZE)
page 37
SPACERS ARE IN COPPER COLOR POWDER COATED ALUMINUM

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

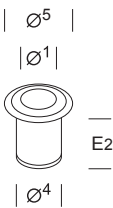
ALL DIMENSIONS IN THE CATALOG DRAWINGS ARE APPROXIMATIONS.
REQUEST THE APPROPRIATE TECHNICAL DRAWING BEFORE DOOR
PREPARATION AND INSTALLATION.

LOCKING LADDER PULLS

DUST-FREE FLOOR SOCKET

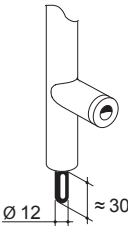


Nickel-plated brass



Stainless Steel

ADJUSTABLE STEEL DEAD BOLT

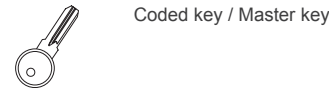
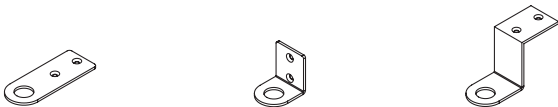


ART.
KLO.0SK.0000.00

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

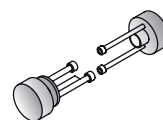


Coded key / Master key

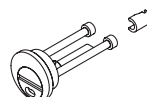
ART. KLO.00K.0000. xx
ART. KLO.00Y.000K. xx
ART. KLO.00V.000K. xx

CYLINDER AND DOOR KNOB DUMMY

CYLINDER AND DOOR KNOB DUMMY - ON REQUEST

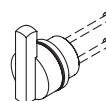


OCCUPANCY INDICATOR UNIVERSAL KIT FOR K-LOCK WITH RIM CYLINDER



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

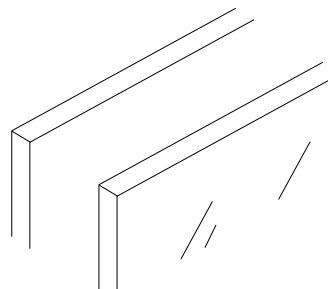
BRAND OF COMPATIBLE CORE FOR SFIC AND LFIC ON REQUEST:

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

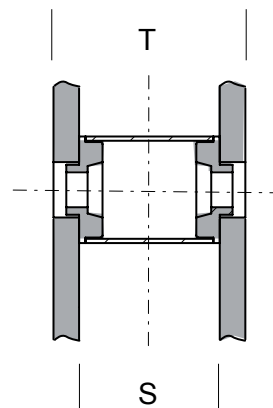


CORE FOR
SFIC AND LFIC

SPACERS FOR DOUBLE GLAZED DOOR



Double glazed doors

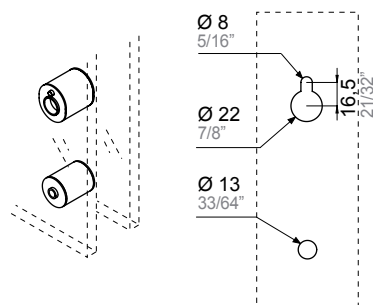


T = custom
S = custom

OVAL / ROUND SPACERS

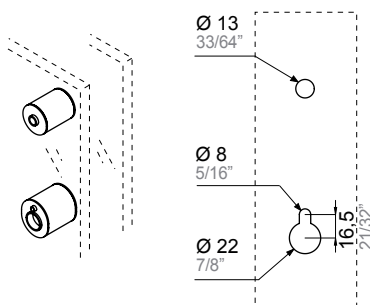
KLU LINE RIM - SPACERS FOR COPPER LOCKING AND NON LOCKING PULLS

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



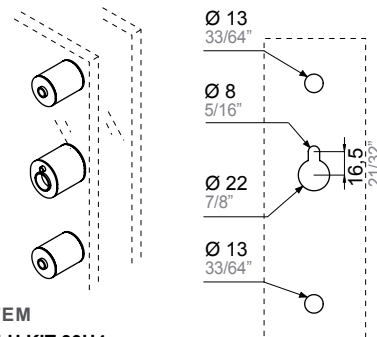
ITEM
KLU.KIT.99U2

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



ITEM
KLU.KIT.99U2

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

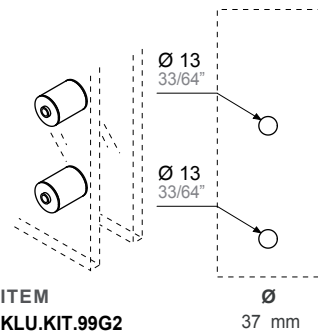


ITEM
KLU.KIT.99U4

ROUND SPACERS

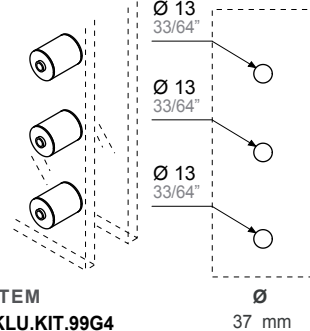
KLU LINE - SPACERS FOR COPPER NON LOCKING PULLS

2 ROUND POSTS



ITEM
KLU.KIT.99G2

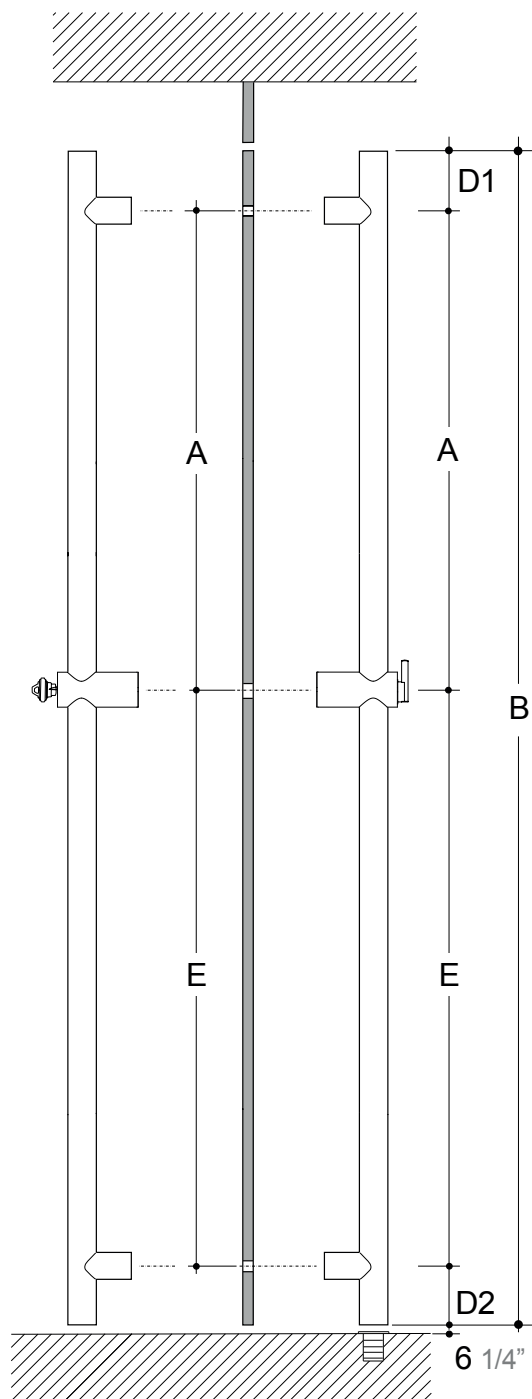
3 ROUND POSTS



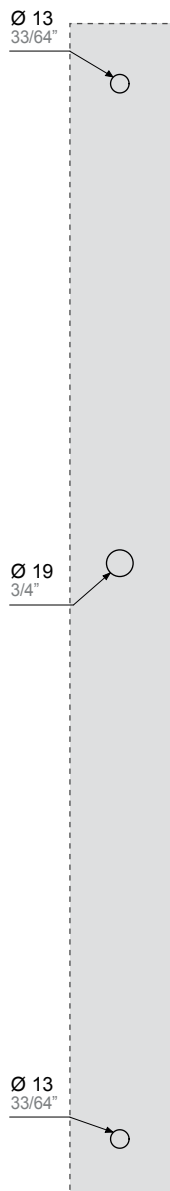
ITEM
KLU.KIT.99G4

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

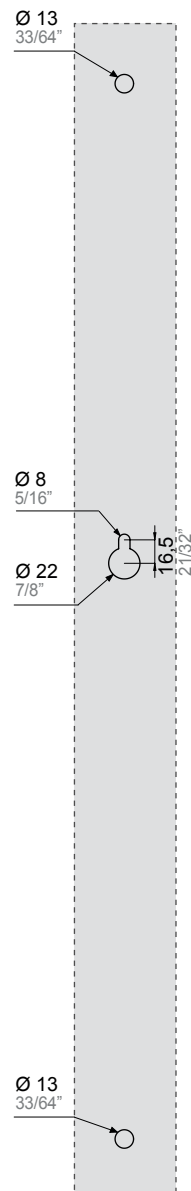
HOLES DIAMETERS AND CENTER TO CENTER SIZES



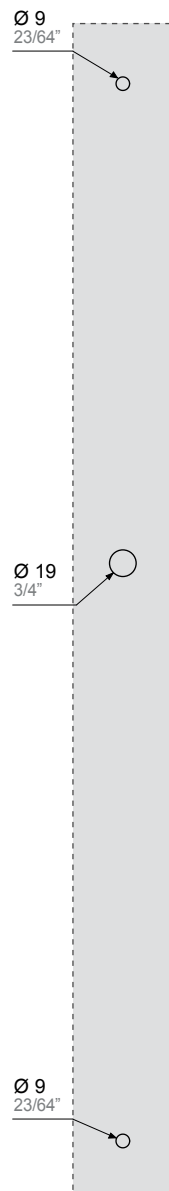
SINGLE GLASS
DOOR PREP



DOUBLE GLASS
DOOR PREP
(FOR SPACER KITS)



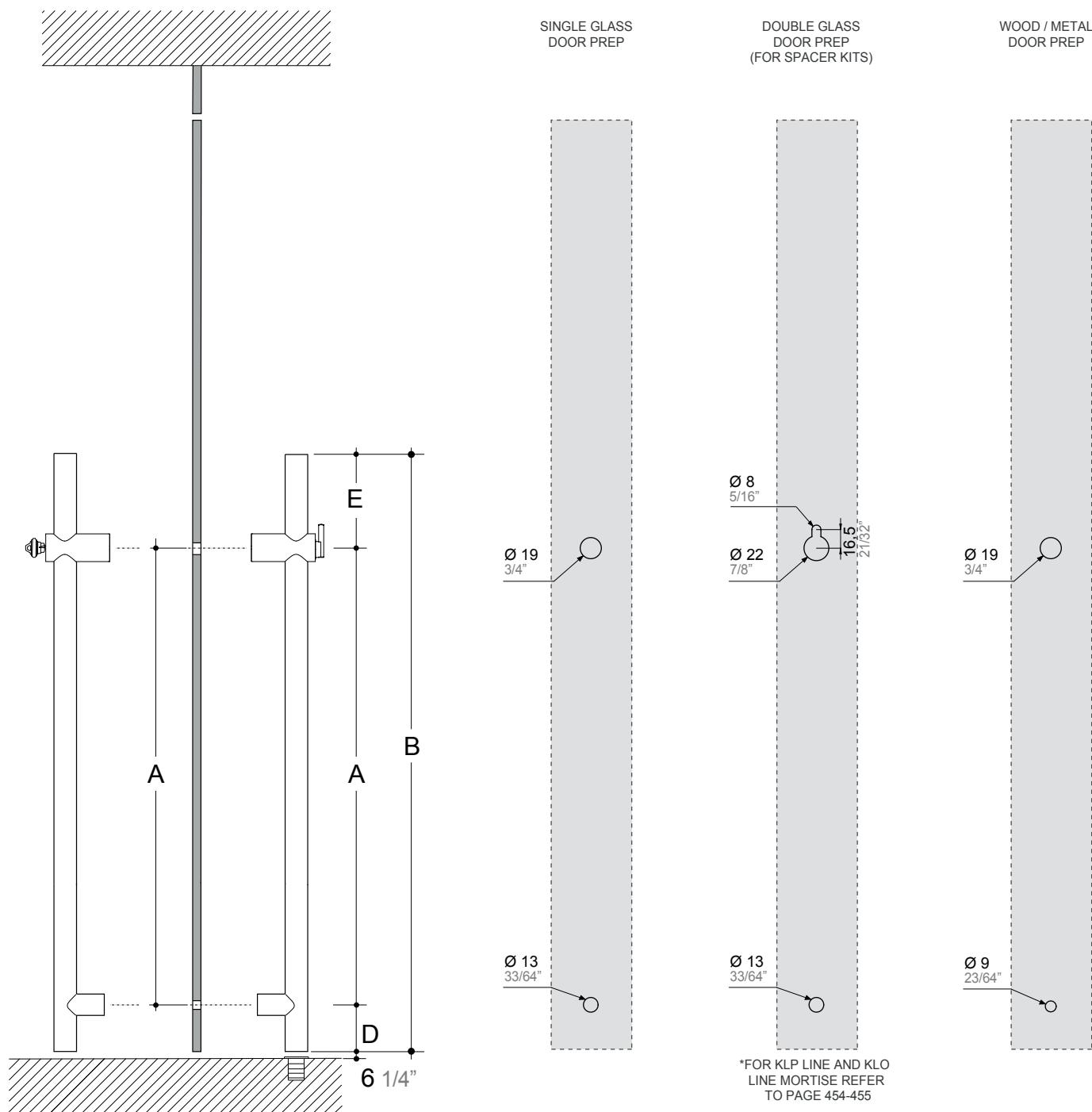
WOOD / METAL
DOOR PREP



*FOR KLP LINE AND KLO
LINE MORTISE REFER
TO PAGE 454-455

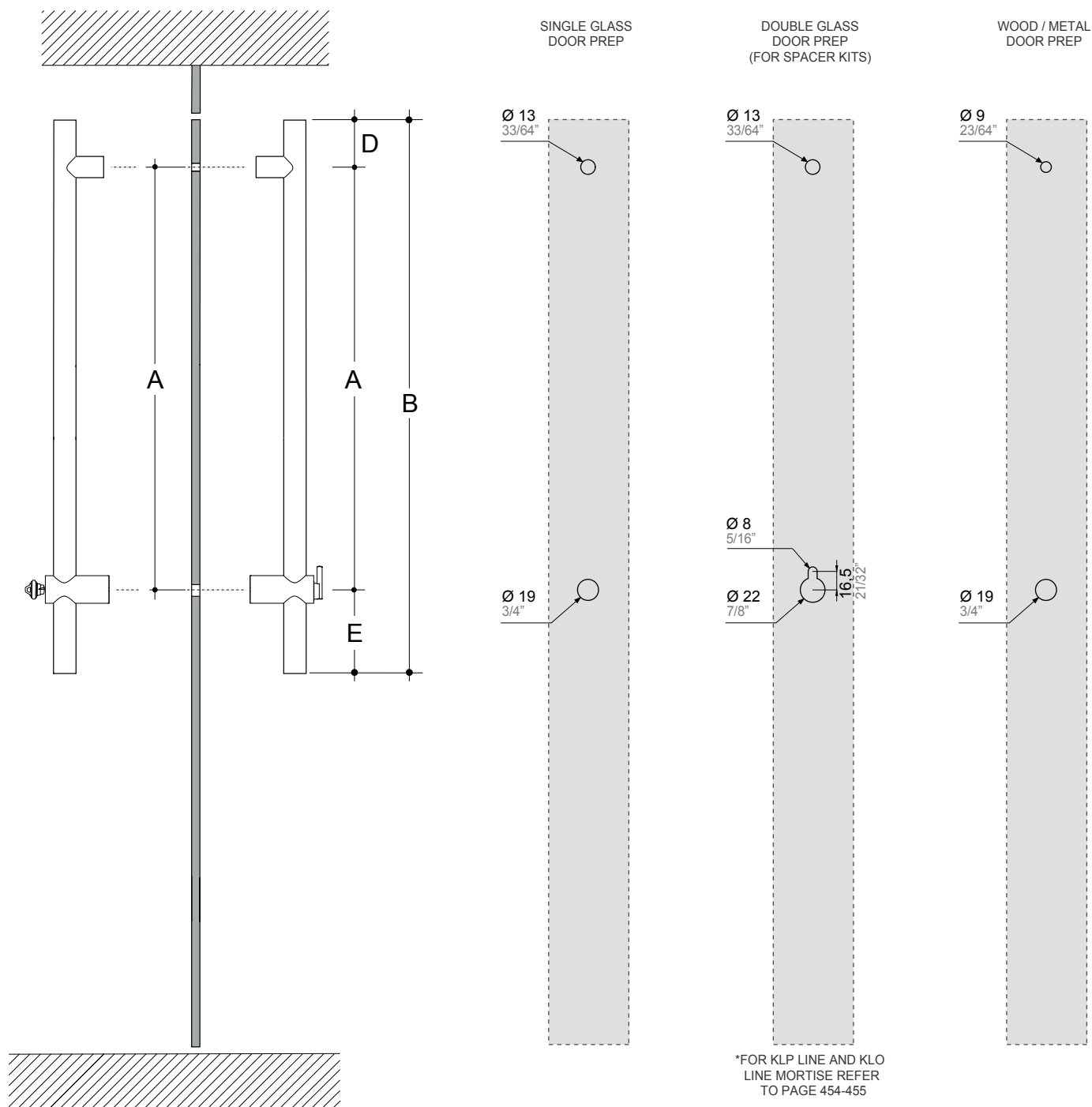
**DP2 - DOOR PREPARATION FOR HALF SIZE LADDER PULLS LOCKING / NON LOCKING (KLU)
WITH CYLINDER POST ON TOP**

HOLES DIAMETERS AND CENTER TO CENTER SIZES



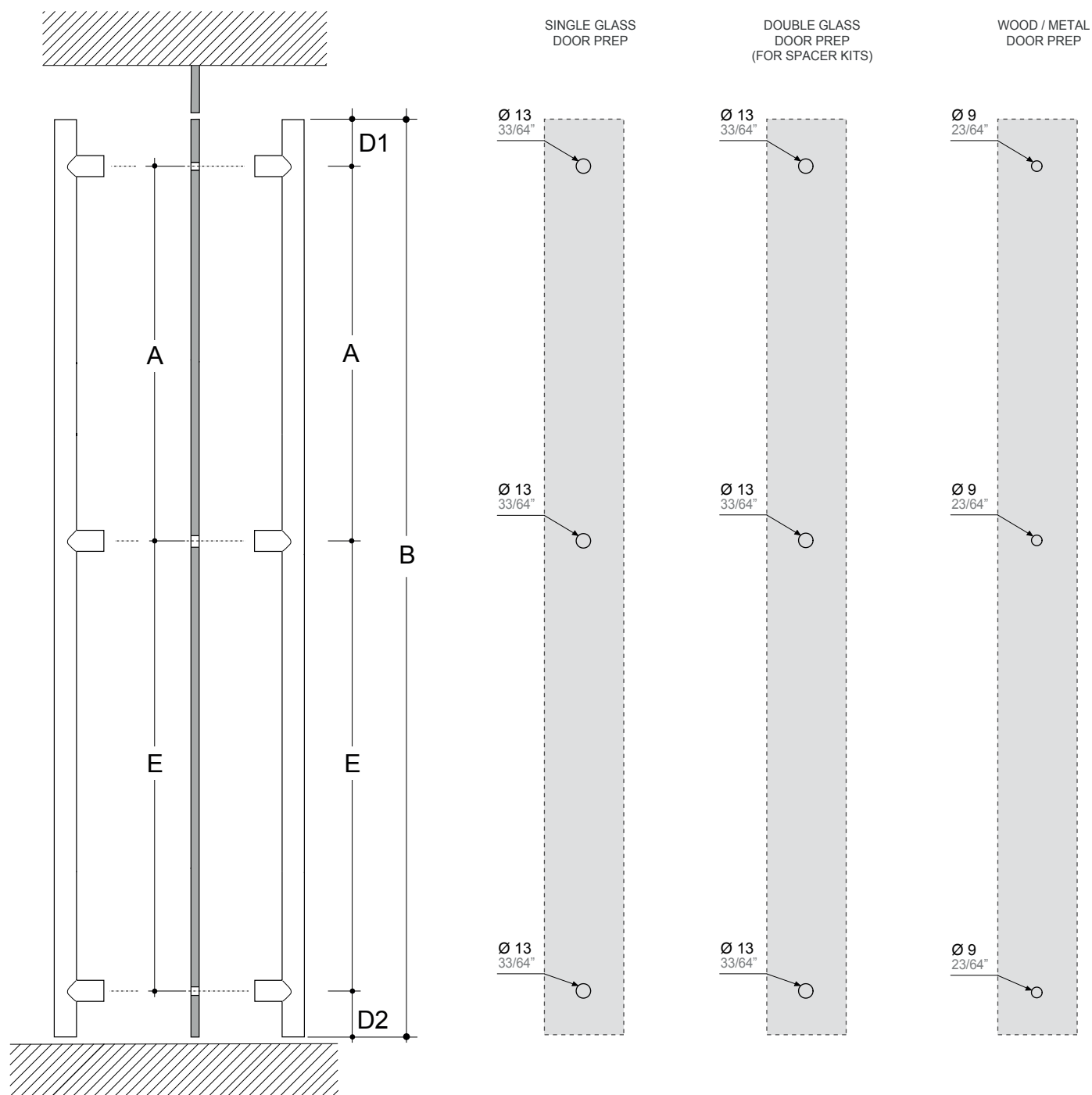
**DP3 - DOOR PREPARATION FOR HALF SIZE LADDER PULLS LOCKING / NON LOCKING (KLU)
WITH CYLINDER POST ON BOTTOM**

HOLES DIAMETERS AND CENTER TO CENTER SIZES



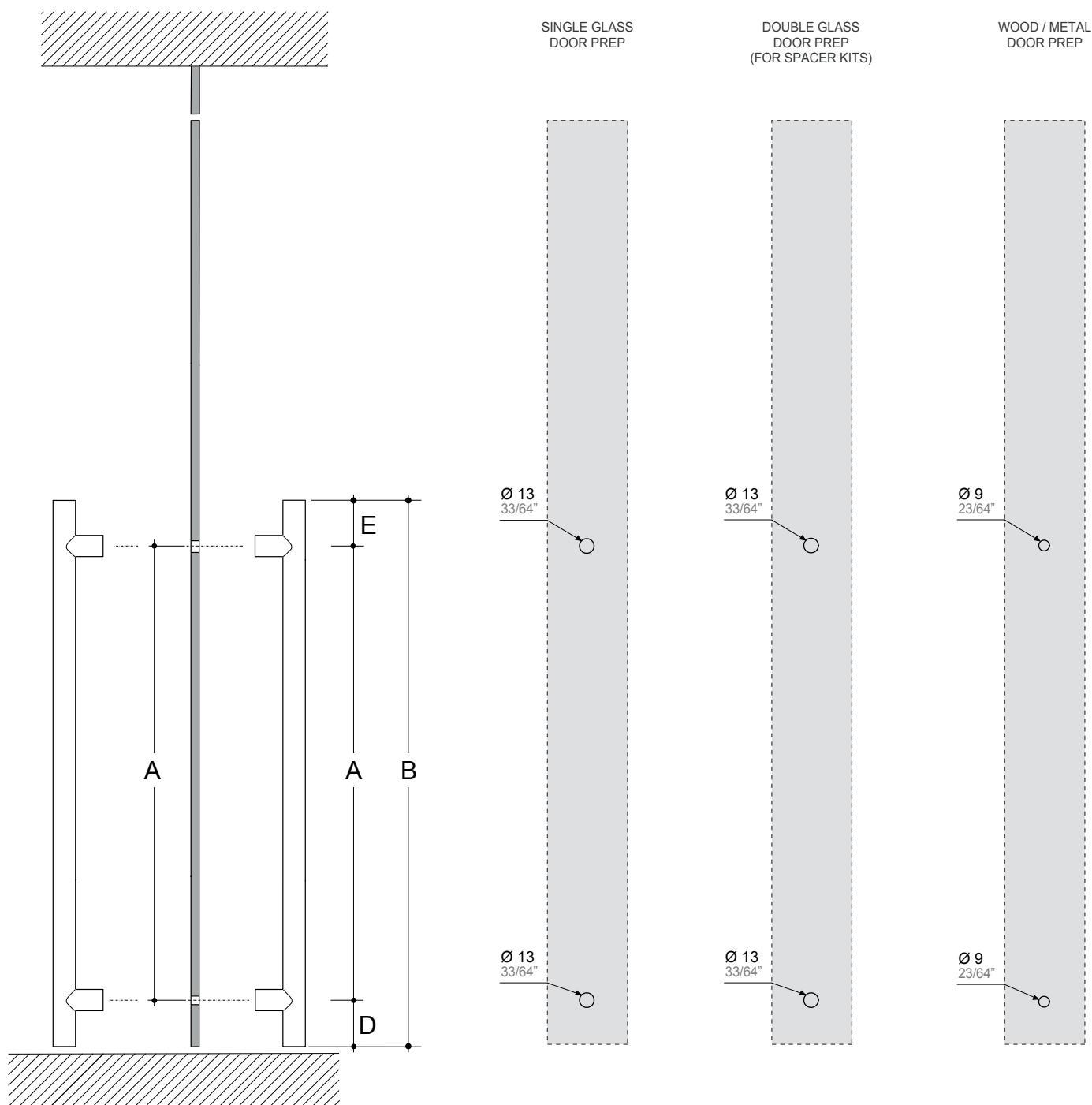
DP4 - DOOR PREPARATION FOR FULL SIZE LADDER PULLS NON LOCKING (ONLY ROUND POSTS)

HOLES DIAMETERS AND CENTER TO CENTER SIZES



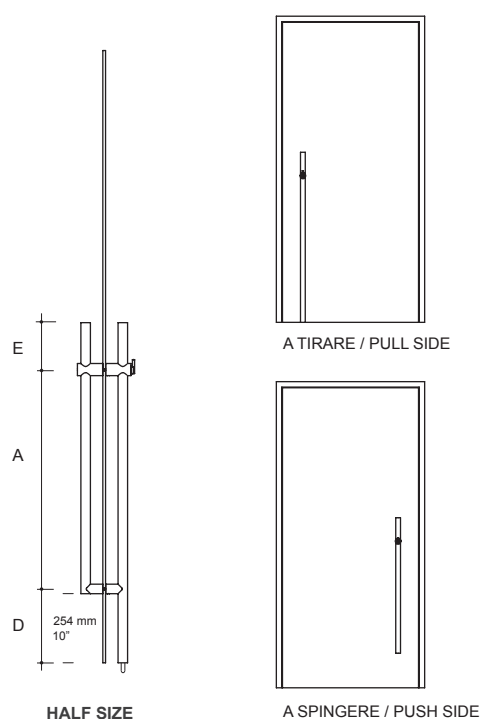
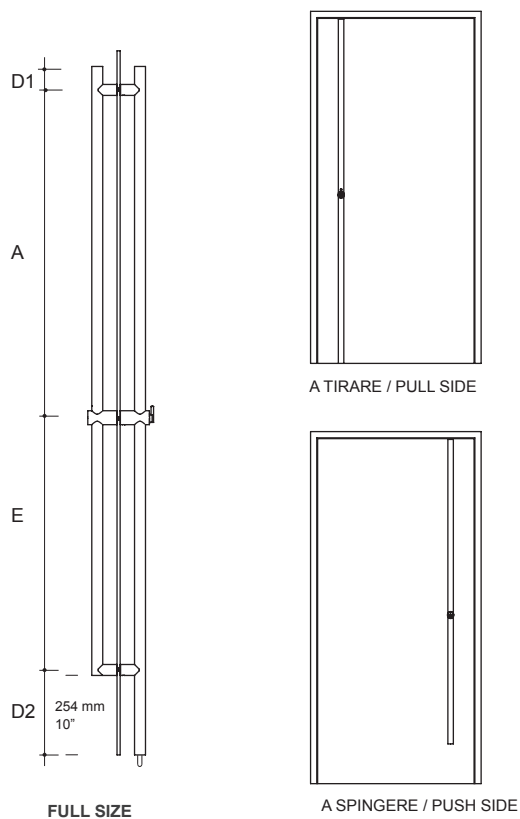
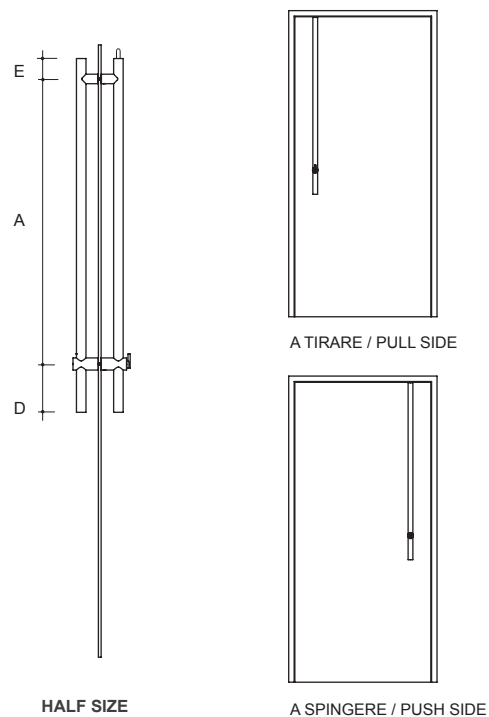
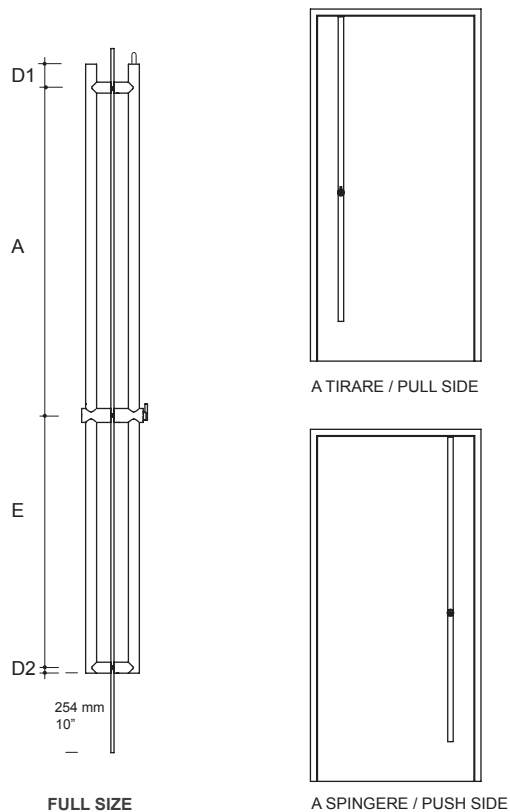
DP5 - DOOR PREPARATION FOR HALF SIZE LADDER PULLS NON LOCKING (ONLY ROUND POSTS)

HOLES DIAMETERS AND CENTER TO CENTER SIZES

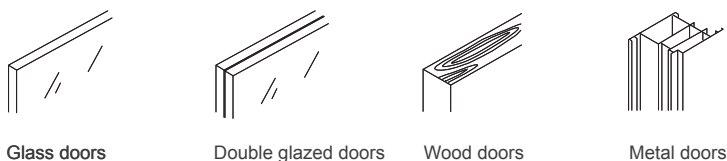


CONFIGURATION TO COMPLY ADA STANDARD (254 mm - 10" clearance from the floor)

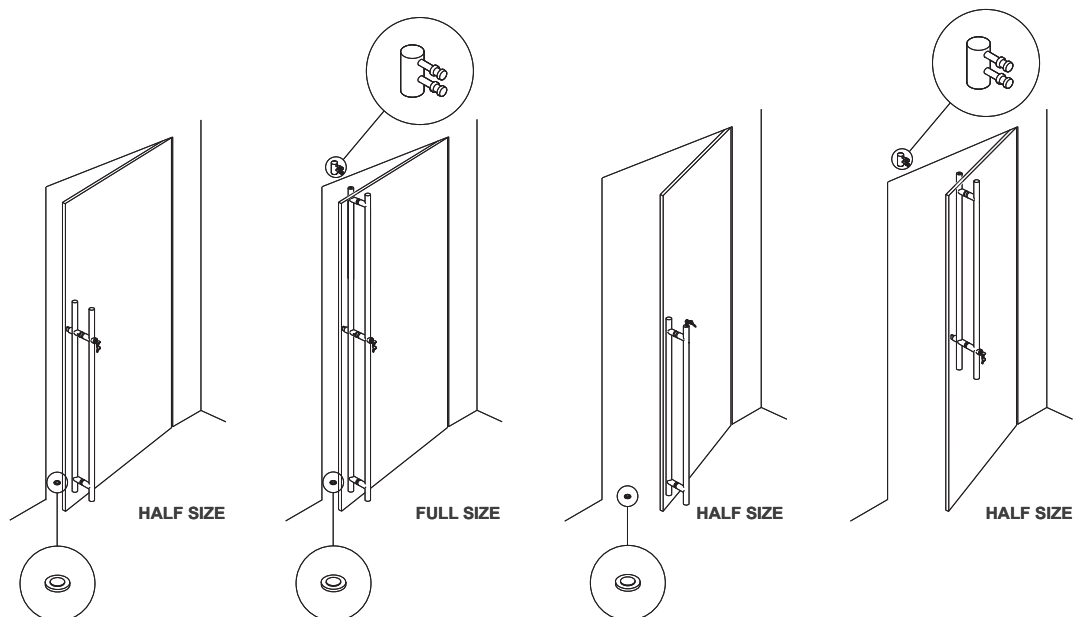
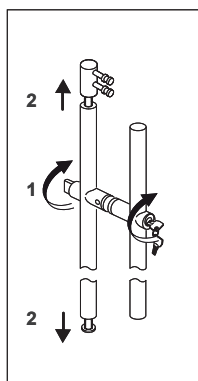
ADA
10"
clearance
layout



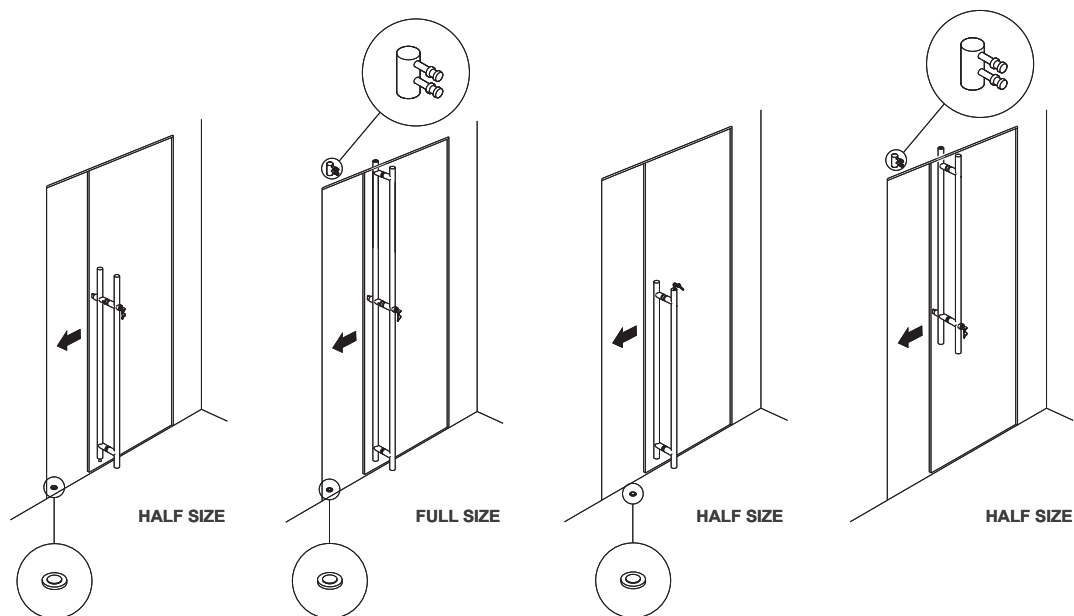
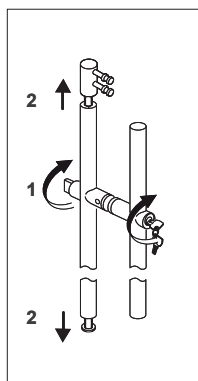
INSTALLATION ON ANY TYPE OF MATERIAL



HINGED DOORS



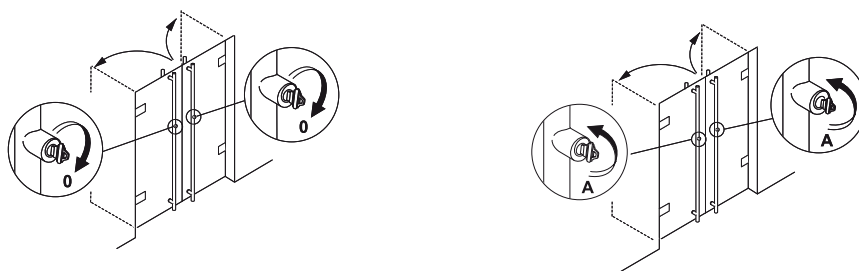
SLIDING DOORS



ROTATION OF THE KEY

Standard

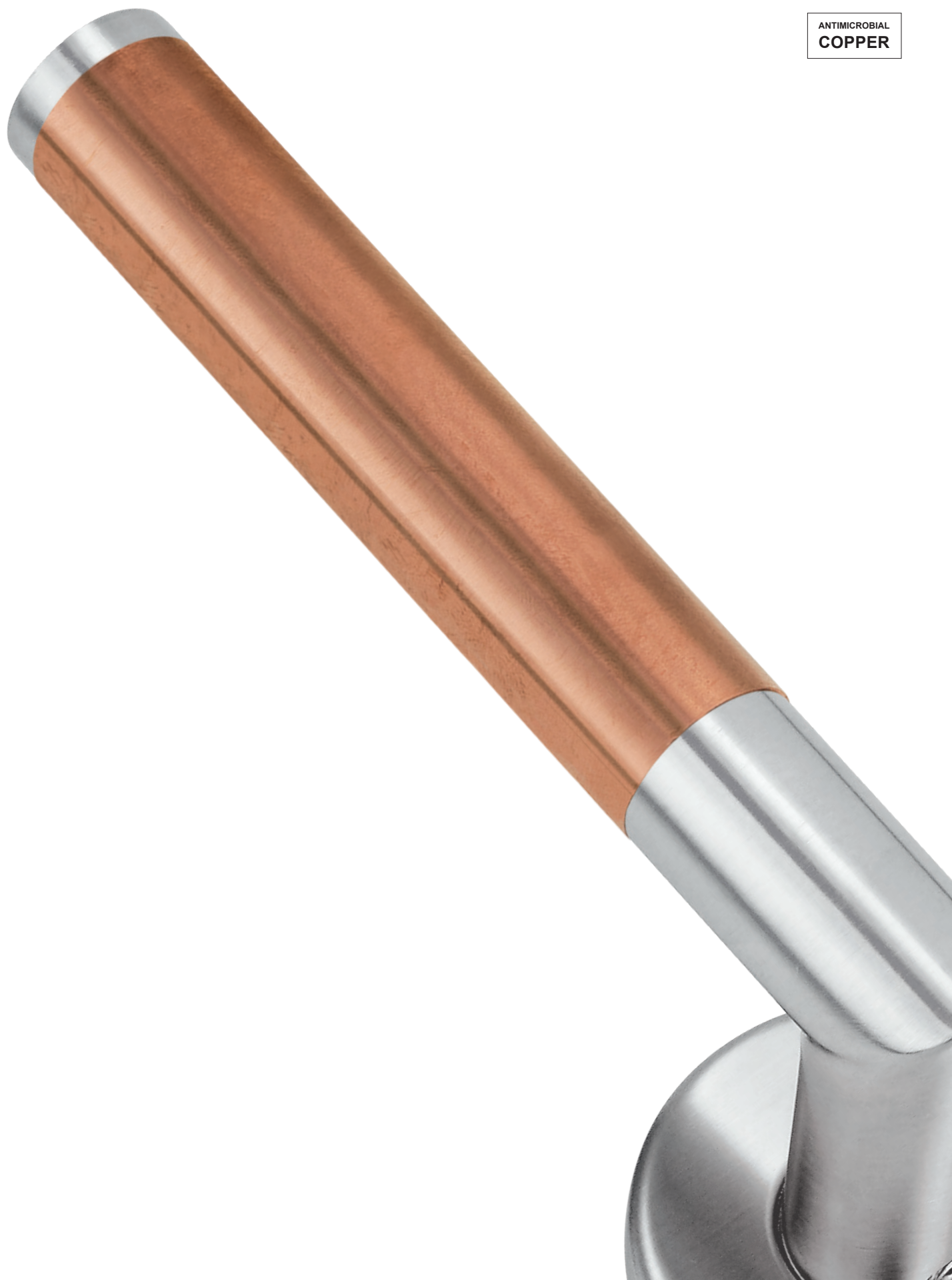
On request

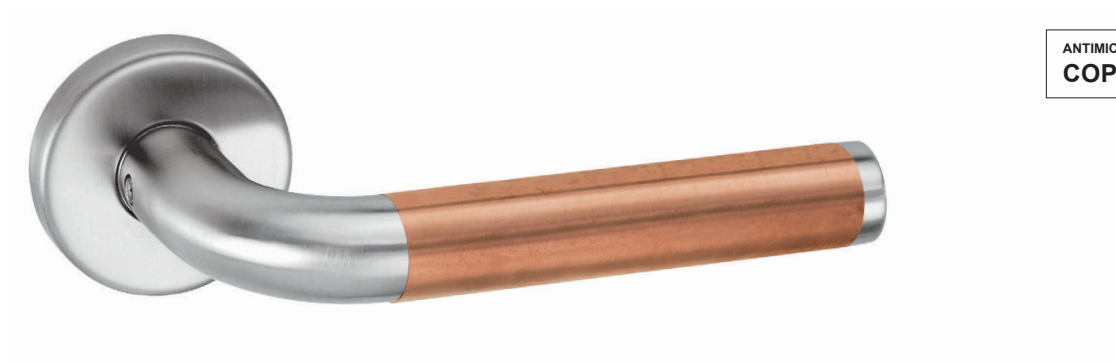


PROGRAMMA CU

LEVERS

ANTIMICROBIAL
COPPER

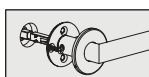
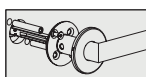


**ITEM****2MU.028.xxxx.4R****MATERIALS, FINISHING AND DETAILS****FINISH CODE**

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

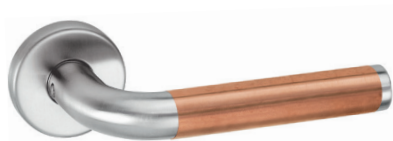
**CODICE FINITURA**

	RAME	ACCIAIO INOX SATINATO
.4R	RAME SATINATO	ACCIAIO INOX SATINATO (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

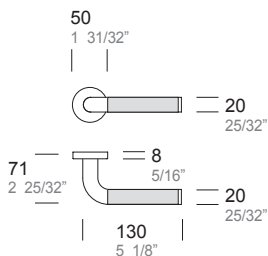


ITEM

2MU.028.00T8 .4R



with return spring



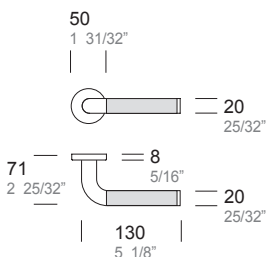
2MU.028.00T8 .4R



mortise



with return spring



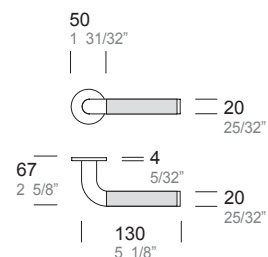
2MU.028.00T4 .4R



mortise



without return spring



☐ Stainless Steel
☒ Satin Copper

AVAILABLE US LOCKS page 51
MORTISE CYLINDERS NOT INCLUDED SEE PAGE 57 FOR COMPATIBLE MODELS
STANDARD FACEPLATE SATIN STAINLESS STEEL.

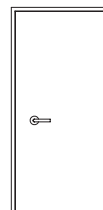
SPINDLE DEPTH, LEVERS POSITION ON THE LOCKSET AND FIXING
(SINGLE OR BACK TO BACK) MUST BE SPECIFIED ORDERING - see page 52

FINISH CODE

COPPER
.4R SATIN COPPER

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

US MORTISE LOCKS WOOD OR HM DOORS

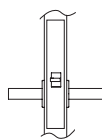


FUNCTION

BACKSET

HOW TO ORDER

PASSAGE
ANSI F01

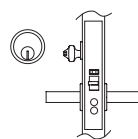


2 1/2"
2 3/4"

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

2MU.028.0xTx .4R

OFFICE/CORRIDOR
ANSI F04

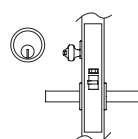


2 1/2"
2 3/4"

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

2MU.028.0xTx .4R

CLASSROOM
ANSI F05

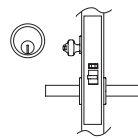


2 1/2"
2 3/4"

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

2MU.028.0xTx .4R

STOREROOM
ANSI F07

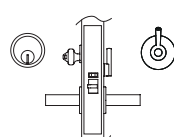


2 1/2"
2 3/4"

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

2MU.028.0xTx .4R

OFFICE/ENTRY
ANSI F04 + F13



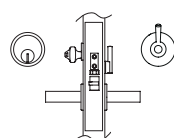
2 1/2"
2 3/4"

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

2MU.028.0xTx .4R

Add thumbturns page 50

DORMITORY
ANSI F13



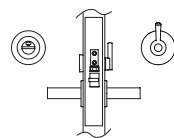
2 1/2"
2 3/4"

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

YOD.028.0xTx .4R

Add thumbturns page 50

PRIVACY
ANSI F19

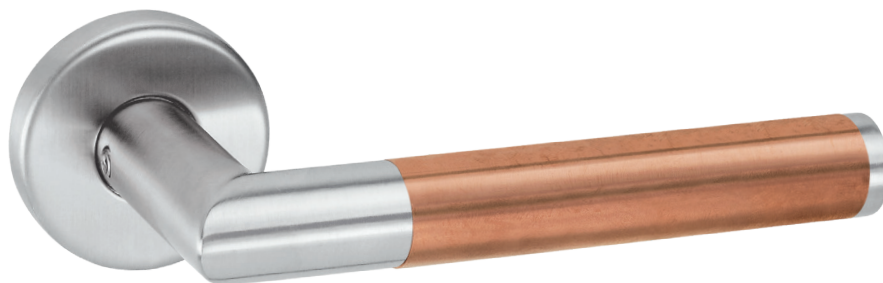


2 1/2"
2 3/4"

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

YOD.028.0xTx .4R

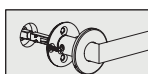
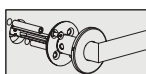
Add thumbturns page 50

**ANTIMICROBIAL
COPPER****ITEM****2MU.030.xxxx.4R****FINISH CODE**

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

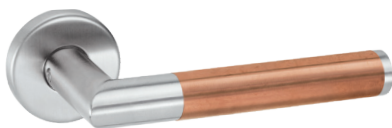
**CODICE FINITURA**

	RAME	ACCIAIO INOX SATINATO
.4R	RAME SATINATO	ACCIAIO INOX SATINATO (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

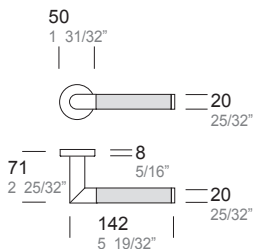


ITEM

2MU.030.00T8 .4R



with return spring

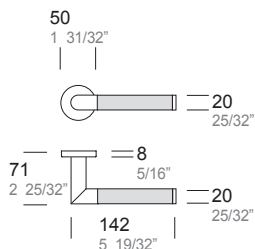


2MU.030.00T8 .4R



mortise

with return spring

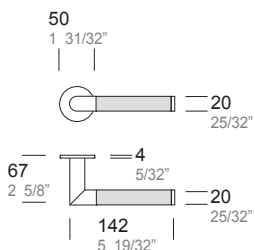


2MU.030.00T4 .4R



mortise

without return spring



☐ Stainless Steel
☒ Satin Copper

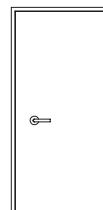
AVAILABLE US LOCKS page 51
MORTISE CYLINDERS NOT INCLUDED SEE PAGE 57 FOR COMPATIBLE MODELS
STANDARD FACEPLATE SATIN STAINLESS STEEL.
SPINDLE DEPTH, LEVERS POSITION ON THE LOCKSET AND FIXING
(SINGLE OR BACK TO BACK) MUST BE SPECIFIED ORDERING - see page 52

FINISH CODE

COPPER
.4R SATIN COPPER

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

US MORTISE LOCKS WOOD OR HM DOORS

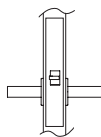


FUNCTION

BACKSET

HOW TO ORDER

PASSAGE
ANSI F01

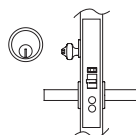


2 1/2"
2 3/4"

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

2MU.030.0xTx .4R

OFFICE/CORRIDOR
ANSI F04

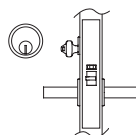


2 1/2"
2 3/4"

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

2MU.030.0xTx .4R

CLASSROOM
ANSI F05

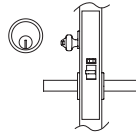


2 1/2"
2 3/4"

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

2MU.030.0xTx .4R

STOREROOM
ANSI F07

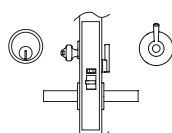


2 1/2"
2 3/4"

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

2MU.030.0xTx .4R

OFFICE/ENTRY
ANSI F04 + F13



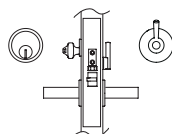
2 1/2"
2 3/4"

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

2MU.030.0xTx .4R

Add thumbturns page 50

DORMITORY
ANSI F13



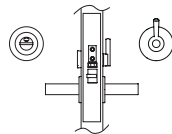
2 1/2"
2 3/4"

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

YOD.030.0xTx .4R

Add thumbturns page 50

PRIVACY
ANSI F19



2 1/2"
2 3/4"

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

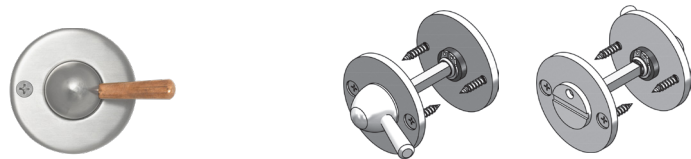
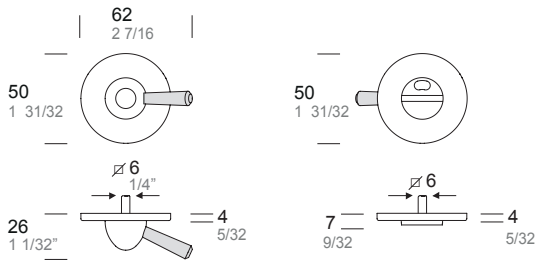
YOD.030.0xTx .4R

Add thumbturns page 50

THUMBTURNS FOR MORTISE
WOOD OR HM DOORS

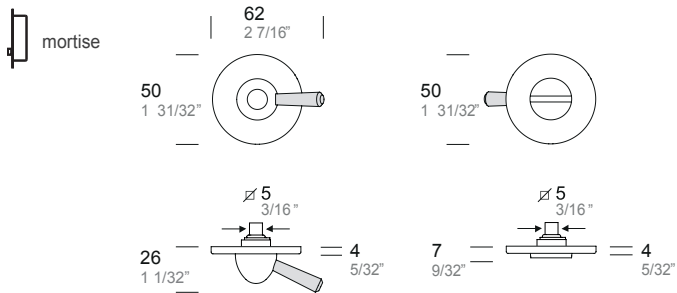


2MU.033.00T4 .4R



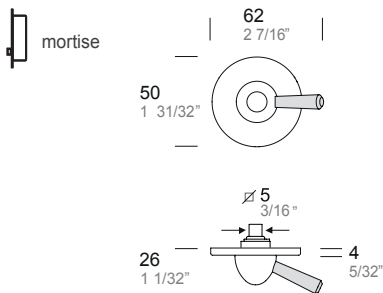
2MU.033.00T4 .4R

ONLY FOR US MORTISE LOCKS



2MU.033.0050 .4R

ONLY FOR US MORTISE LOCKS



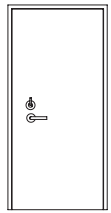
- ☐ Stainless Steel
- ☐ Satin Copper

FINISH CODE

COPPER
.4R SATIN COPPER

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

US MORTISE LOCKS
WOOD OR HM DOORS

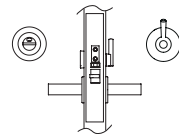


HANDLE
NOT
INCLUDED

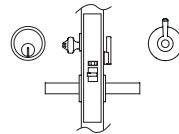
ANTIMICROBIAL
COPPER

FUNCTION BACKSET HOW TO ORDER

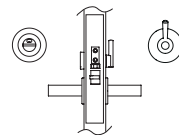
PRIVACY
ANSI F19 2 1/2" 2 3/4" **2MM.LCK.0M00 .xx**
+ **2MU.033.00T4 .4R**



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

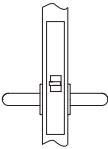
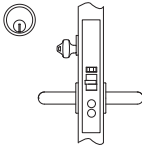
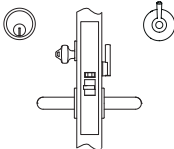
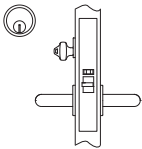
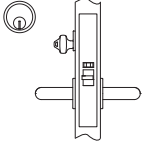
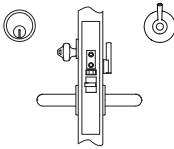
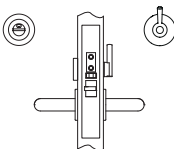


DORMITORY
ANSI F13 2 1/2" 2 3/4" **2MM.LCK.0E00 .xx**
+ **2MU.033.0050 .4R**



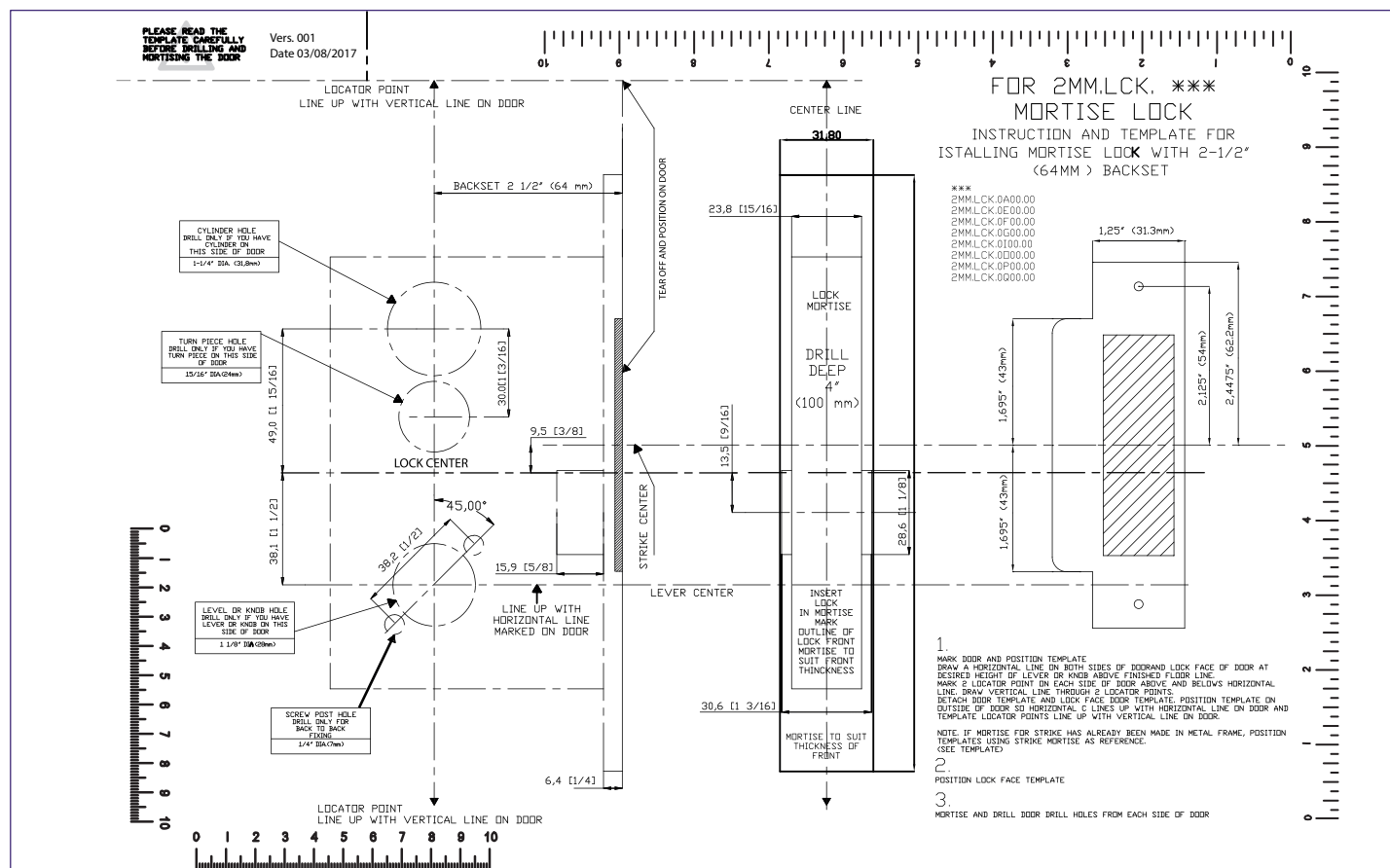
LEVER HANDLES

MORTISE US LOCKS - WOOD OR HM DOORS

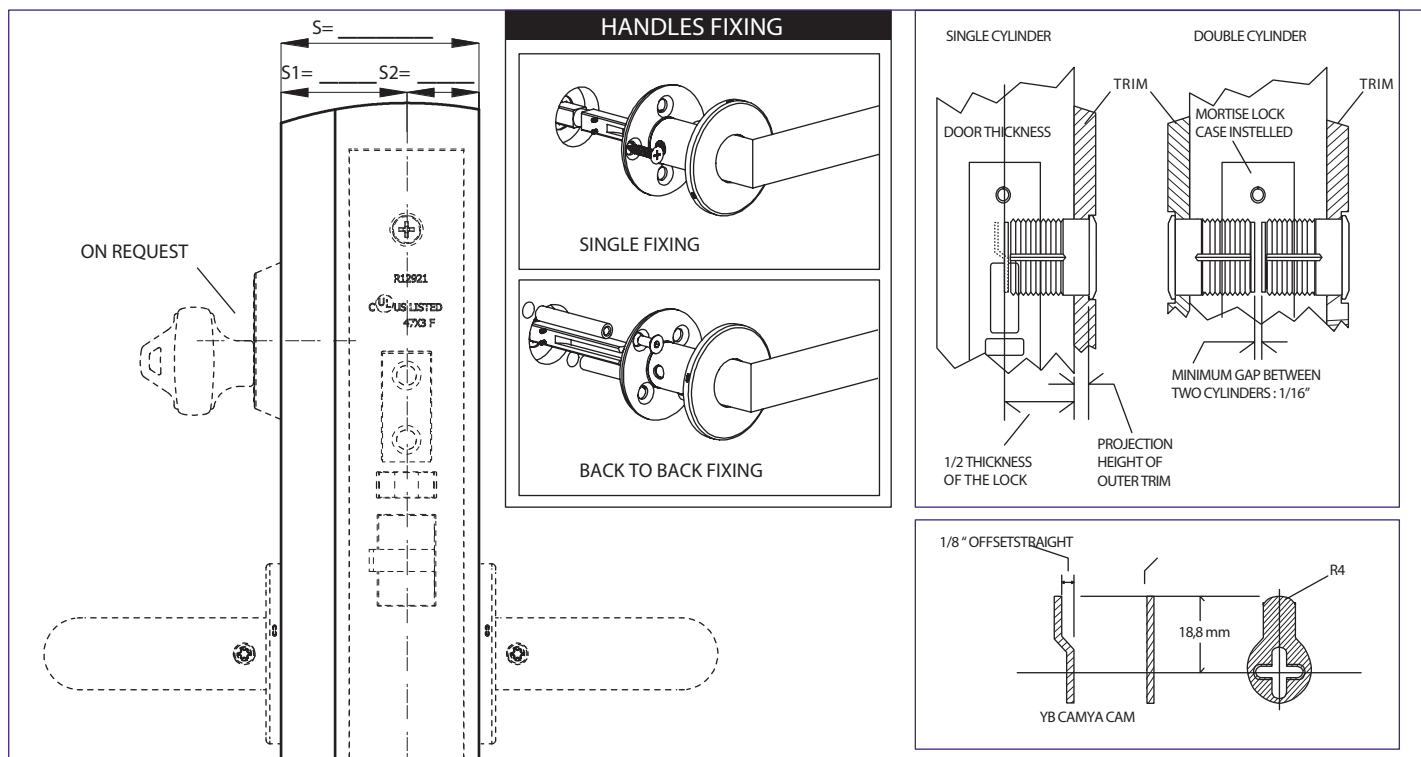
ITEM	FUNCTION (according to ANSI) FUNZIONE	FINAL CONFIGURATION
ITEM 2MM.LCK.0A00. xx ONLY LOCK	PASSAGE - ANSI F01 Backset 2 1/2" * ANSI F 01 - no key - no thumbturn	
ITEM 2MM.LCK.0F00. xx ONLY LOCK	OFFICE / CORRIDOR - ANSI F04 Backset 2 1/2" * ANSI F 04 - key - toggle - security egress	
ITEM 2MM.LCK.0I00. 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

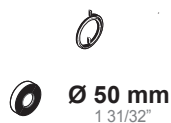
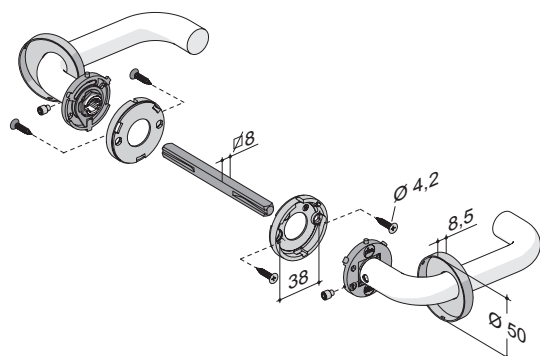
TEMPLATE AVAILABLE FOR DOWNLOAD AT PBA.IT



ORDER SPECIFICATIONS



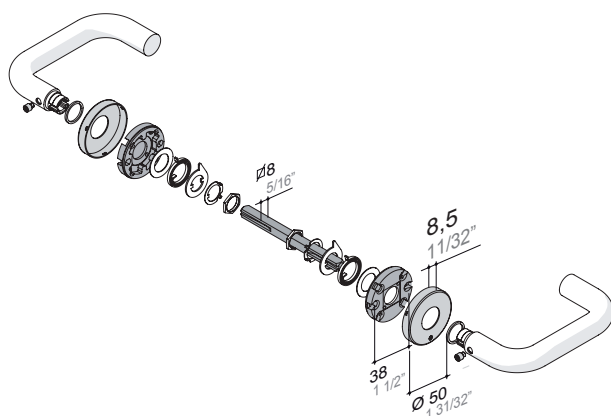
HANDLE WITH RETURN SPRING



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



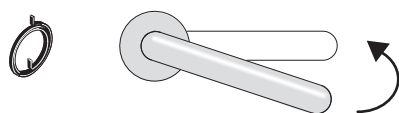
HANDLE FOR MORTISE WITH RETURN SPRING



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

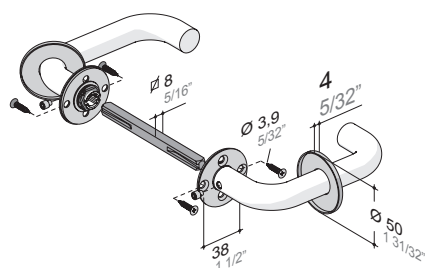


HANDLE WITH RETURN SPRING



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

HANDLE FOR MORTISE WITHOUT RETURN SPRING



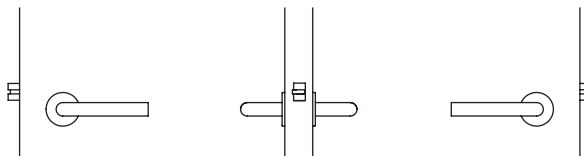
ROSES
Round roses low without return spring. Inner rose in metal alloy and rose cover in stainless steel AISI 316L.

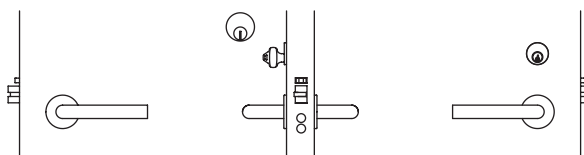


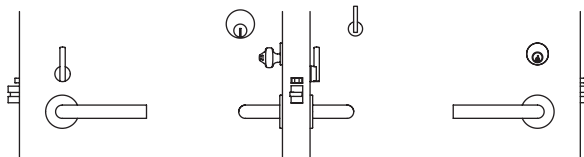


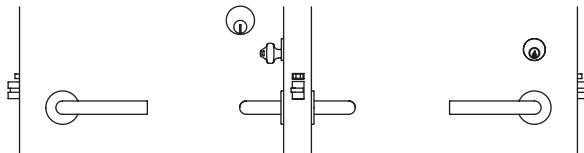
AVAILABLE FUNCTIONS
(according to ANSI)

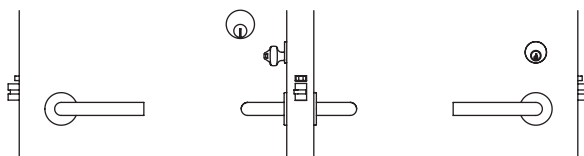
PASSAGE

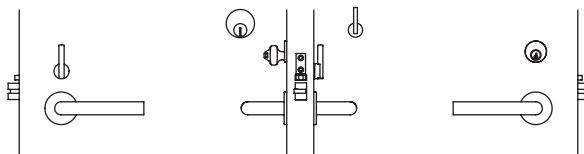
ANSI F 01
no key - no thumbturn

OFFICE / CORRIDOR

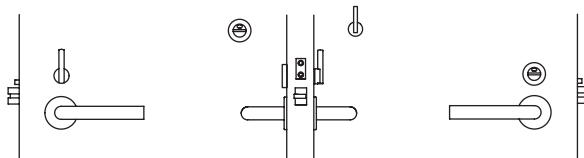
ANSI F 04
key - toggle - security egress

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


US MORTISE LOCK

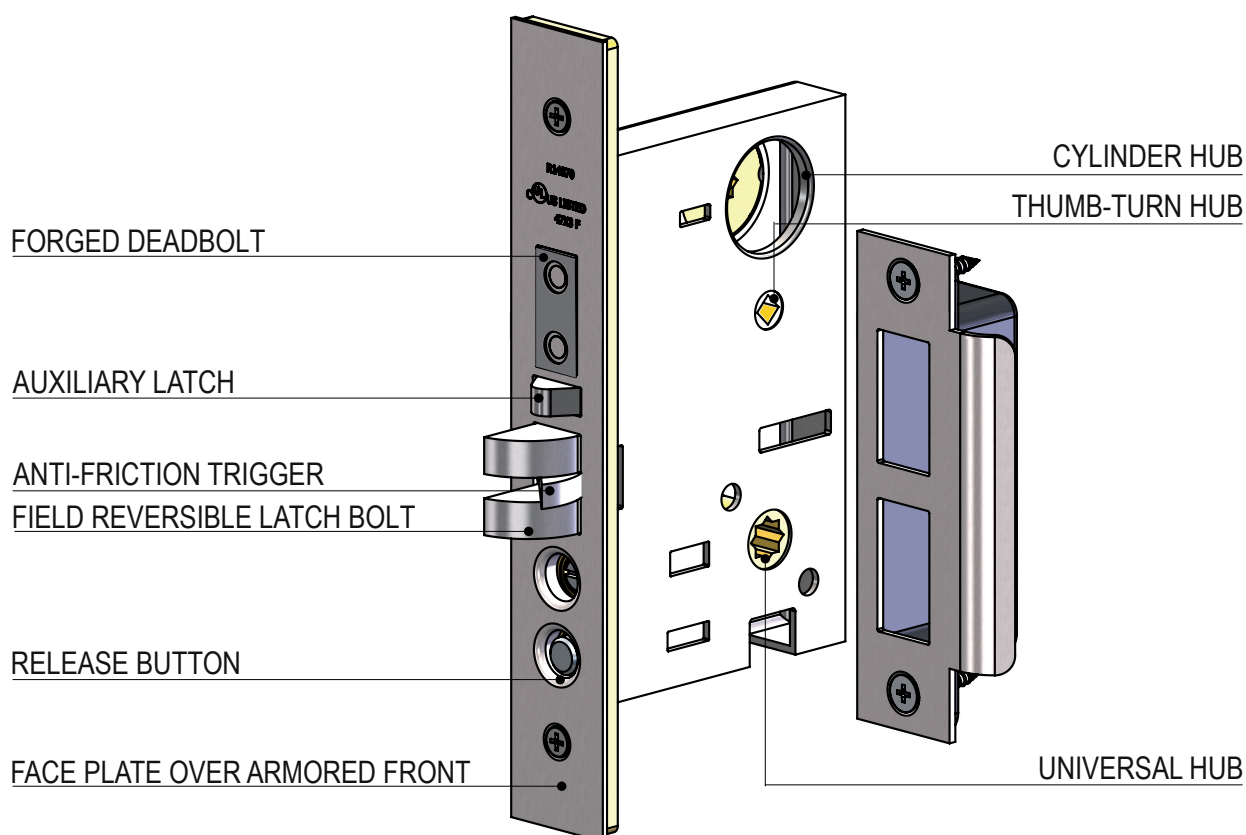
pba 2MM.LCK series mortise locks for solid doors are engineered for durability and optimum security. All lock cases are constructed with quality metal working parts, ensuring the long lasting and trouble free operation.

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.

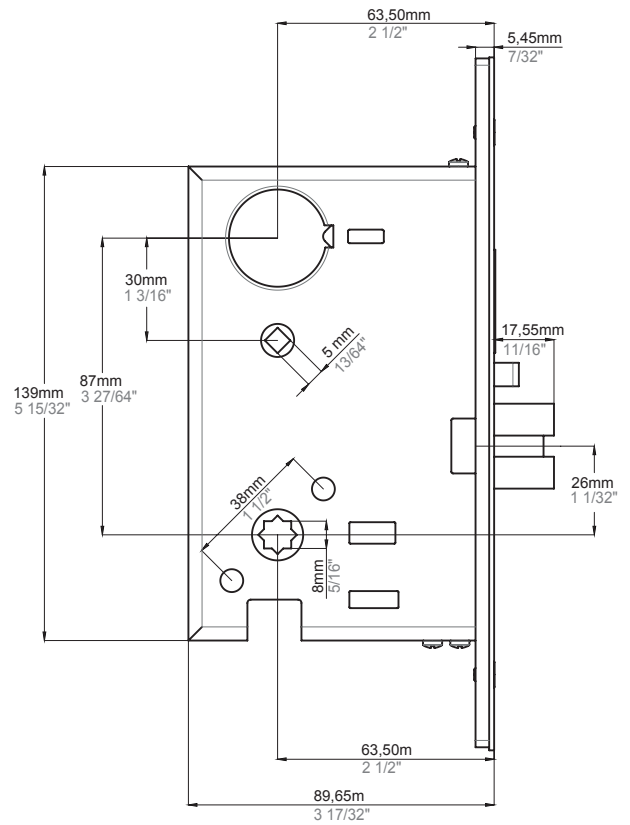
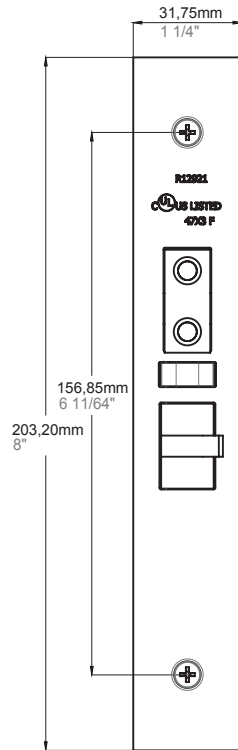
The exposed parts (deadbolt, latch bolt, auxiliary latch and buttons) are in forged brass and finished to match the appearance of the stainless steel faceplate.

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

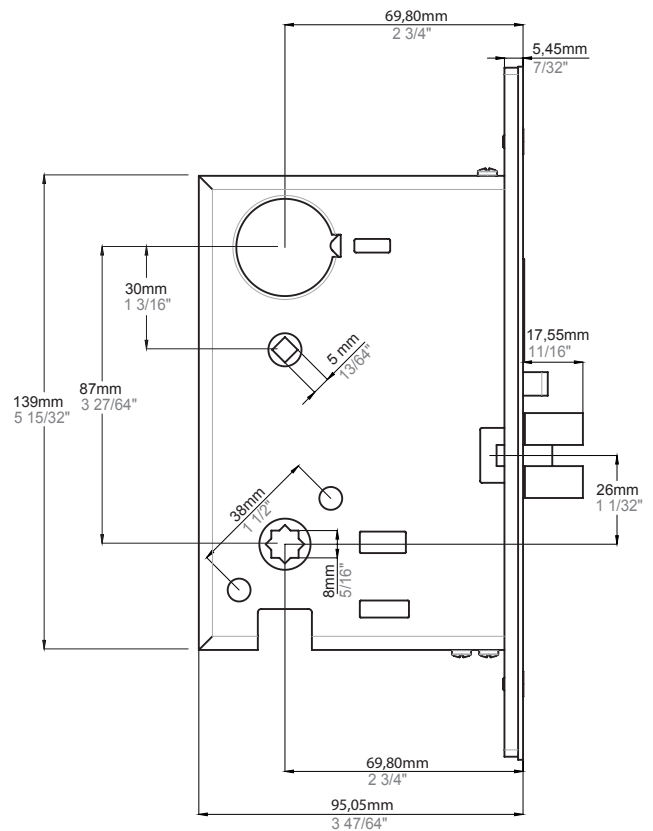
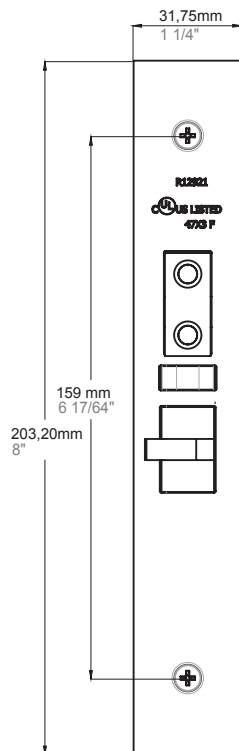


TECH SPECS

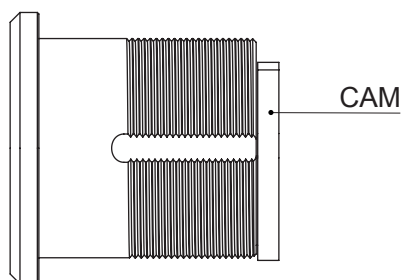
BACKSET 2 1/2



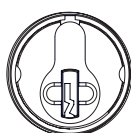
BACKSET 2 3/4



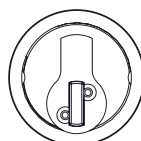
MORTISE CYLINDERS



SUITABLE CAMS

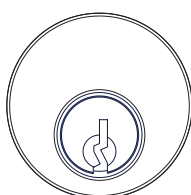


YA / YB

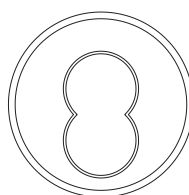


STRAIGHT

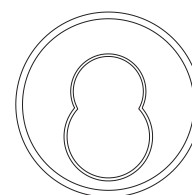
FORMATS



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 H-GLASS CU

LOCKSET FOR GLASS DOOR

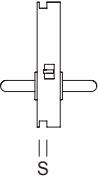
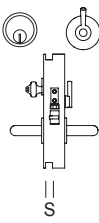
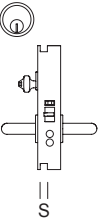
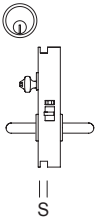
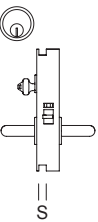
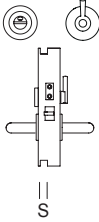
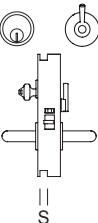
ANTIMICROBIAL
COPPER

USA
standard
requirements





◆ .2 RH
AS PICTURED

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

FINISH CODE HGU

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

FINISH CODE 2MU

COPPER
.4R 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

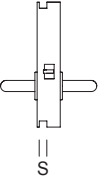
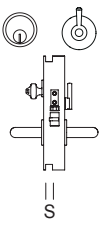
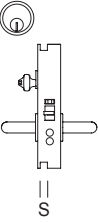
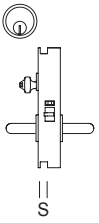
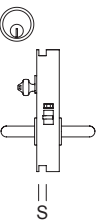
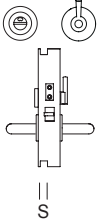
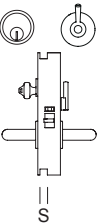
MORTISE CYLINDER NOT INCLUDED

◆ .1 LH .2 RH .3 LHR .4 RHR

* ADA THUMB TURN



◆ .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.2E09.4R . 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.2E13.4R . 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.2M09.4R . 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.2M13.4R . x - 2MU.030.00T4.4R Ø - 2MU.030.0UT8.4R Ø
OFFICE/ENTRY ANSI F04+F13		3/8"	 * HGU.LCK.2I09.4R . x - 2MU.030.00T4.4R Ø - 2MU.030.0UT8.4R Ø				
		1/2"	 * HGU.LCK.2I13.4R . 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

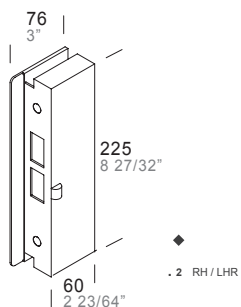
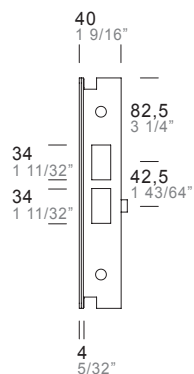
MORTISE CYLINDER NOT INCLUDED

◆ . 1 LH . 2 RH . 3 LHR . 4 RHR

* ADA THUMB TURN

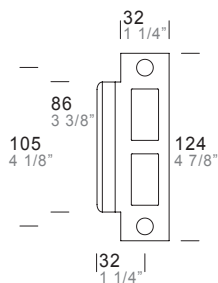


STRIKE BOX



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)

◆
. 1 LH / RHR
. 2 RH / LHR

PROGRAMMA H-GLASS HGU LOCKSETS FOR FRAMELESS GLASS DOOR

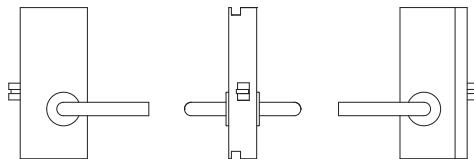
LOCKS FUNCTION (according to ANSI) FUNZIONE SERRATURA

PASSAGE

ANSI F 01

no key - no thumbturn

senza chiave - senza pomolo

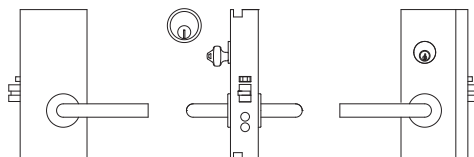


OFFICE / CORRIDOR

ANSI F 04

key - toggle - security egress

chiave - selettore - rilascio di emergenza

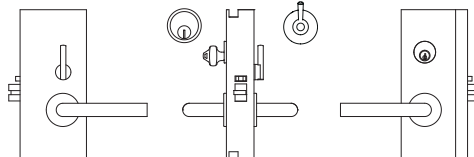


OFFICE / ENTRY

ANSI F 04 + F 13

key - thumbturn - security egress

chiave - pomolo - rilascio di emergenza

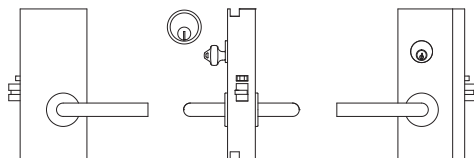


CLASSROOM

ANSI F 05

key - security egress

chiave - rilascio di emergenza



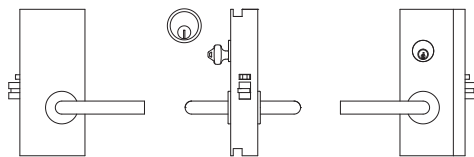
STOREROOM

ANSI F 07

key (outside lever inoperative) - security egress

chiave (maniglia esterna non operante) -

rilascio di emergenza

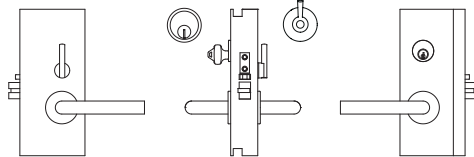


DORMITORY

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

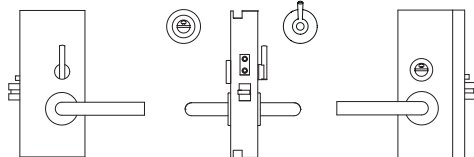
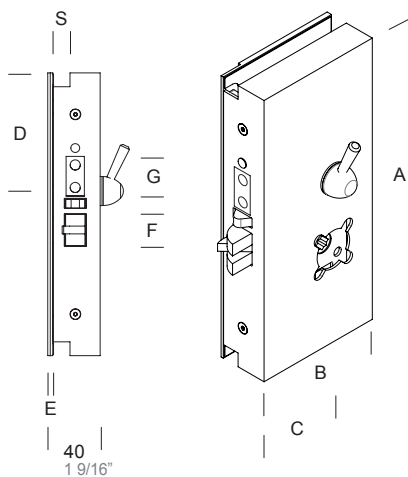


PLATE WITH LOCK PLACCA CON SERRATURA

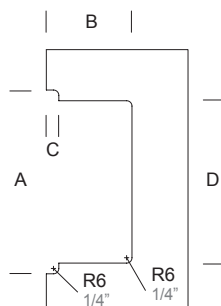


ART.	◆	A	B	C	D	E	F	G	S
HGU.LCK..xx09 . xx	x	225 mm 8 27/32"	100 mm 4"	64,5 mm 2 35/64"	94 mm 3 45/64"	4 mm 5/32"	26 mm 1 1/32"	31,5 mm 1 15/64"	9 mm 3/8"
HGU.LCK..xx10 . xx	x	225 mm 8 27/32"	100 mm 4"	64,5 mm 2 35/64"	94 mm 3 45/64"	4 mm 5/32"	26 mm 1 1/32"	31,5 mm 1 15/64"	10 mm 25/64"
HGU.LCK..xx12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

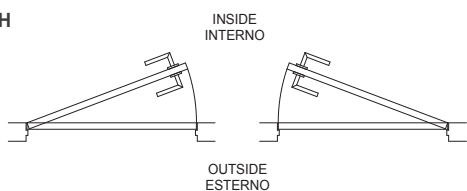
GLASS CUT TEMPLATE LOCK FRESATURA SU VETRO PER SERRATURA



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

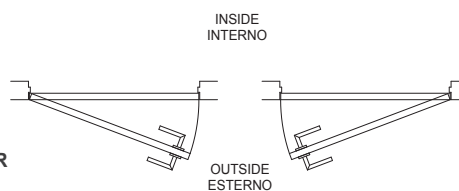
OPENING DIRECTION VERSO DI APERTURA (according to North American standard)

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

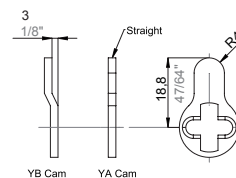


CORE FOR SFIC AND LFIC

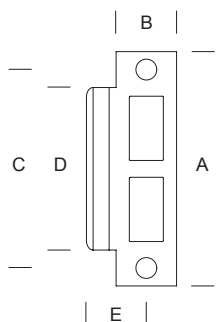
AVAILABLE ON REQUEST CORES FOR SFIC AND LFIC RIM AND MORTISE HOUSING
BRAND OF COMPATIBLE CORE FOR SFIC AND LFIC ON REQUEST:
ARROW - CORBIN RUSSWIN - KABAILCO - MEDECO - SCHLAGE -
SARGENT - YALE - ILCO



CYLINDER CAM CAMMA CILINDRO (SUGGESTED)



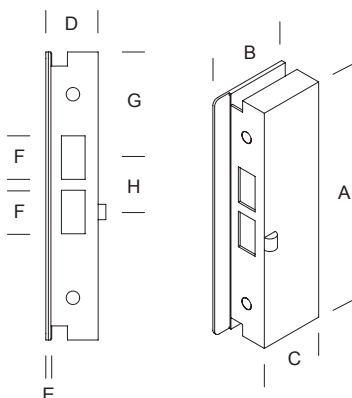
STRIKE PLATE INCONTRO PER PROFILO



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

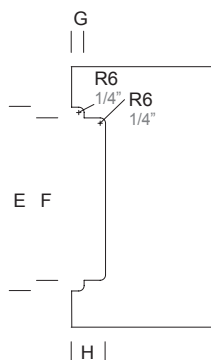


ART.	◆	A	B	C	D	E	F	G	H
HGU.STK.0009. xx x		225 mm 8 27/32"	76 mm 3"	60 mm 2 23/64"	40 mm 1 9/16"	4 mm 5/32"	34 mm 1 11/32"	82,5 mm 3 1/4"	42,5 mm 1 43/64"
HGU.STK.0010. xx x		225 mm 8 27/32"	76 mm 3"	60 mm 2 23/64"	40 mm 1 9/16"	4 mm 5/32"	34 mm 1 11/32"	82,5 mm 3 1/4"	42,5 mm 1 43/64"
HGU.STK.0012.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

PROGRAMMA H-GLASS CU
HGL

LOCKSET FOR GLASS DOOR

ANTIMICROBIAL
COPPER

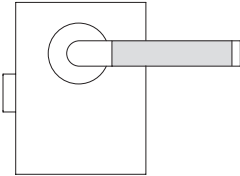
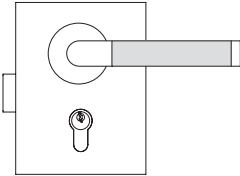
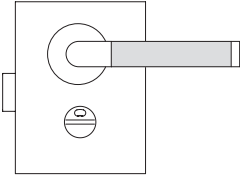




ANTIMICROBIAL
COPPER



ANTIMICROBIAL
COPPER

	S		ART.	◆
PASSAGE				
	8 mm		HGL.LCK.0A08. 44 . x	
			2MU.028.00T8. 4R	
	10 mm		HGL.LCK.0A10. 44 . x	
			2MU.028.00T8. 4R	
	12 mm		HGL.LCK.0A12. 44 . x	
			2MU.028.00T8. 4R	
SECURITY				
	8 mm		HGL.LCK.0Y08. 44 . x	
			2MU.028.00T8. 4R	
	10 mm		HGL.LCK.0Y10. 44 . x	
			2MU.028.00T8. 4R	
	12 mm		HGL.LCK.0Y12. 44 . x	
			2MU.028.00T8. 4R	
PRIVACY				
	8 mm		HGL.LCK.3H08. 44 . x	
			2MU.028.00T8. 4R	
	10 mm		HGL.LCK.3H10. 44 . x	
			2MU.028.00T8. 4R	
	12 mm		HGL.LCK.3H12. 44 . x	
			2MU.028.00T8. 4R	

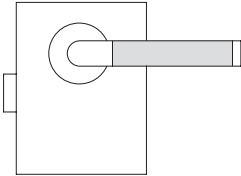
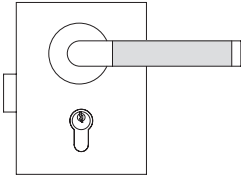
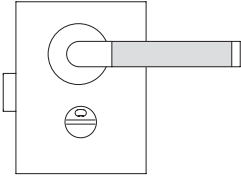
FINISH CODE HGU

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

FINISH CODE 2MU

COPPER
.4R SATIN COPPER

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

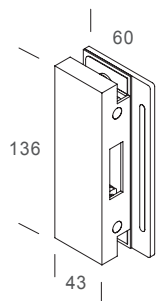
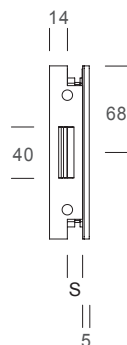
	S		ART.	◆
PASSAGE				
	8 mm		HGL.LCK.0A08. 44 . x	
			2MU.030.00T8. 4R	
	10 mm		HGL.LCK.0A10. 44 . x	
			2MU.030.00T8. 4R	
	12 mm		HGL.LCK.0A12. 44 . x	
			2MU.030.00T8. 4R	
SECURITY				
	8 mm		HGL.LCK.0Y08. 44 . x	
			2MU.030.00T8. 4R	
	10 mm		HGL.LCK.0Y10. 44 . x	
			2MU.030.00T8. 4R	
	12 mm		HGL.LCK.0Y12. 44 . x	
			2MU.030.00T8. 4R	
PRIVACY				
	8 mm		HGL.LCK.3H08. 44 . x	
			2MU.030.00T8. 4R	
	10 mm		HGL.LCK.3H10. 44 . x	
			2MU.030.00T8. 4R	
	12 mm		HGL.LCK.3H12. 44 . x	
			2MU.030.00T8. 4R	

CILINDRO NON INCLUSO
CYLINDER NOT INCLUDED

◆ . 1 LH . 2 RH . 3 LHR . 4 RHR

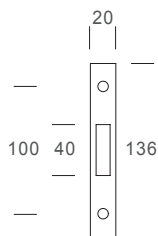


INCONTRO PER VETRO - STRIKE BOX - GÂCHE POUR VERRE - VERBINDUNG GLAS/GLAS



ART.	S
HGL.STK.0008. 44	8 mm
HGL.STK.0010. 44	10 mm
HGL.STK.0012. 44	12 mm

INCONTRO PER PROFILO - STRIKE PLATE - GÂCHE POUR PROFIL - PROFILVERBINDNG



ART.	S
HGL.STK.0001. 44	2 mm

FINISH CODE

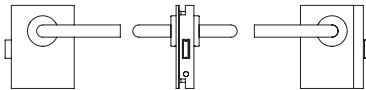
.44 SATIN STAINLESS STEEL (ANSI/BHMA 630 - USD32D)

PROGRAMMA H-GLASS HGL - LOCKSETS FOR FRAMELESS GLASS DOOR

FUNZIONE - FUNCTION - FONCTION - FUNKTION - FUNCTIE

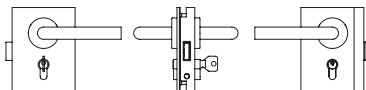
PASSAGE

senza chiave - senza pomolo
no key - no thumb turn
sans clé - sans verrou
ohne Schlüssel - ohne Knopf
zonder sleutel - zonder deurknop



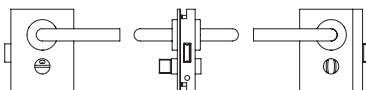
SECURITY

chiave - chiave
key - key (profile cylinder)
Clé - Clé
Schlüssel - Schlüssel
Sleutel - Sleutel

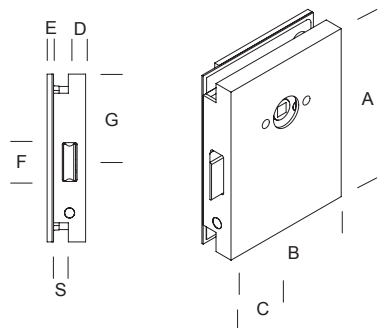


PRIVACY

pomolo - indicatore libero/occupato
thumb turn - occupancy indicator
verrou - libre/occupé
mit Knopf - mit frei/besetzt Türverriegelung
met deurknop - met vergrendelingen

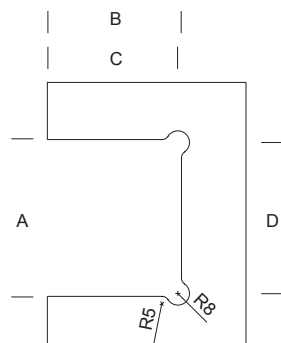


PLACCA CON SERRATURA - CASE WITH LOCK - PLAQUE AVEC SERRURE - TÜRSCHILD MIT SCHLIEßSYSTEM - SCHILD MET SLOT



ART.	◆	A	B	C	D	E	F	G	S
HGL.LCK.xx08 . xx . x		136 mm	103 mm	51,5 mm	14 mm	5 mm	32 mm	71 mm	8 mm
HGL.LCK.xx10 . xx . x		136 mm	103 mm	51,5 mm	14 mm	5 mm	32 mm	71 mm	10 mm
HGL.LCK.xx12 . xx . x		136 mm	103 mm	51,5 mm	14 mm	5 mm	32 mm	71 mm	12 mm

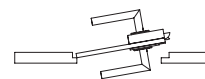
FRESATURA SU VETRO PER SERRATURA GLASS CUT TEMPLATE LOCK GARNITURE SUR VERRE POUR SERRURE GLASFRÄSUNG ZUR SCHLOßAUFNAHME UITSPARING IN GLAS VOOR SLOT



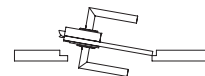
A	B	C	D
108 mm	92 mm	89,5 mm	104 mm

VERSO DI APERTURA OPENING DIRECTION SENS D'OUVERTURE OFFNUNGSRICHTUNG OPENINGSRICHTUNG (DIN 107)

.1 DESTRO
RIGHT
DROITE
RECHTS
RECHTS

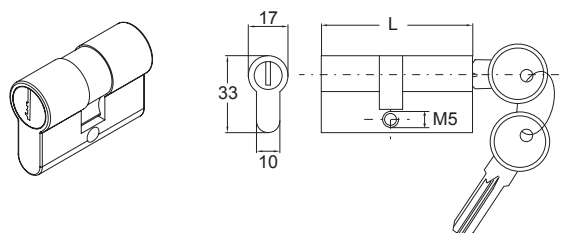


.2 SINISTRO
LEFT
GAUCHE
LINKS
LINKS



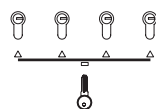
◆
.1 DESTRO RIGHT DROITE RECHTS
.2 SINISTRO LEFT GAUCHE LINKS

CILINDRO A PROFILO EUROPEO STANDARD NON INCLUSO - STANDARD EURO PROFILE CYLINDER NOT INCLUDED - CYLINDRE AVEC PROFIL EUROPÉEN
STANDARD NON INCLUS - STANDARD EUROPÄISCHER PROFILZYLINDER - CYLINDER MET STANDAARD EUROPROFIEL NICHT ENTHALTEN



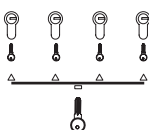
ART.	L	
HGL.CIL.0000. 00	45 mm	Standard
HGL.CIL.000Y. 00		Impianti Speciali Master keying Organigramme Master-schliessanlagen Sluitplannen

IMPIANTI SPECIALI SU RICHIESTA - MASTER KEYING ON REQUEST - ORGANIGRAMME SUR DEMANDE - AUF ANFRAGE KÖNNEN MASTER-SCHLIESSANLAGEN
GEMÄSS KA-MK-GMK SYSTEMEN ANGFERTIGT WERDEN - SPECIALE SLUITPLANNEN OP AANVRAAG



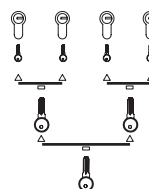
ART. HGL.0KA.0000. 00

3 chiavi per cil.
3 keys for each cyl.
3 clés pour chaque cylindre
3 Schlüssels für jeden Zylinder
3 sleutels per cylinder



ART. HGL.0MK.0000. 00

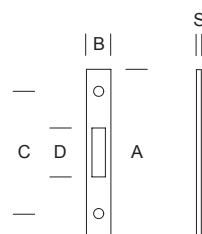
3 chiavi per cil.
3 keys for each cyl.
3 clés pour chaque cylindre
3 Schlüssels für jeden Zylinder
3 sleutels per cylinder



ART. HGL.GMK.0000. 00

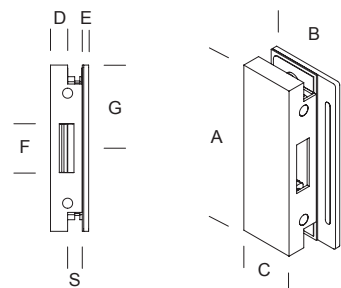
3 chiavi per cil.
3 keys for each cyl.
3 clés pour chaque cylindre
3 Schlüssels für jeden Zylinder
3 sleutels per cylinder

INCONTRO PER PROFILO - STRIKE PLATE - GÂCHE POUR PROFIL - PROFILVERBINDUNG - SLUITPLAAT VOOR PROFIEL



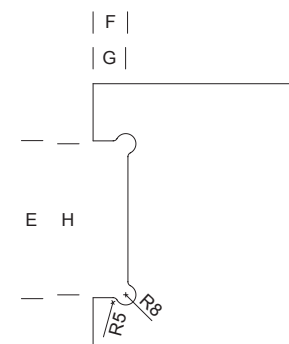
ART.	A	B	C	D	S
HGL.STK.0001. xx	136 mm	20 mm	100 mm	40 mm	2 mm

INCONTRO PER VETRO - STRIKE BOX - GÂCHE POUR VERRE - VERBINDUNG GLAS/GLAS - SLUITPLAAT VOOR GLAS



ART.	A	B	C	D	E	F	G	S
HGL.STK.0008. xx	136 mm	60 mm	43 mm	14 mm	5 mm	40 mm	68 mm	8 mm
HGL.STK.0010. xx	136 mm	60 mm	43 mm	14 mm	5 mm	40 mm	68 mm	10 mm
HGL.STK.0012. xx	136 mm	60 mm	43 mm	14 mm	5 mm	40 mm	68 mm	12 mm

FRESATURA SU VETRO PER INCONTRO - GLASS CUT TEMPLATE STRIKE BOX - GARNITURE SUR VERRE POUR GÂCHE - GLASFRÄSUNG ZUKM VERBINDEN -
UITSPARING IN GLAS VOOR SLUITPLAAT



E	F	G	H
108 mm	25 mm	22,5 mm	104 mm

◆
. 1 DESTRO RIGHT DROITE RECHTS
. 2 SINISTRO LEFT GAUCHE LINKS

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

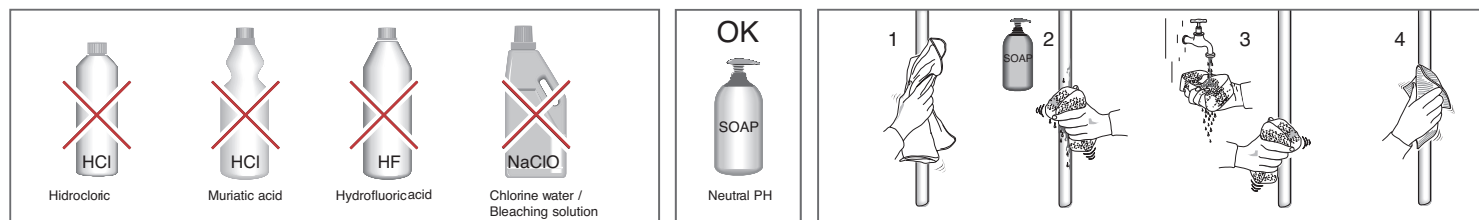
LEED

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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