AXIA®

STAIR & RAILING SYSTEMS

Full Product LIne Catalog Edition 001-E

style

[stahyl]

noun

an elegant, fashionable, or luxurious mode of living: to live in style.

quality

[kwol-i-tee]

noun

high grade; superiority; excellence: railing of exceptional quality

value

[val-yoo]

noun

relative worth, merit, or importance: the value of a home

AXIA®
STAIR & RAILING SYSTEMS

Stainless steel

In metallurgy, stainless steel, also known as inox steel or inox from French inoxydable (inoxidizable), is a steel alloy with a minimum of 10.5% chromium content by mass.

Stainless steel is notable for its corrosion resistance, and it is widely used for food handling and cutlery among many other applications.

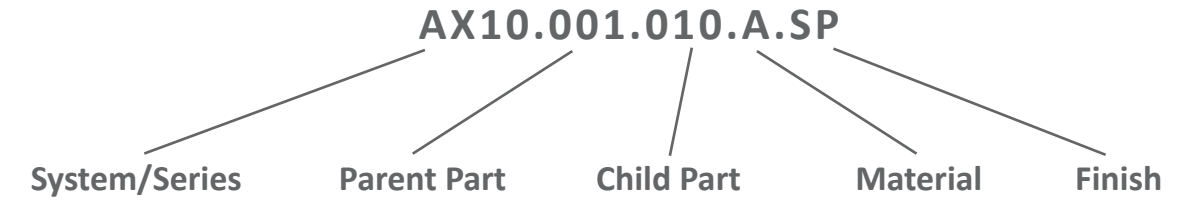
Stainless steel does not readily corrode, rust or stain with water as ordinary steel does. However, it is not fully stain-proof in low-oxygen, high-salinity, or poor air-circulation environments.

There are various grades and surface finishes of stainless steel to suit the environment the alloy must endure. Stainless steel is used where both the properties of steel and corrosion resistance are required.

Stainless steel differs from carbon steel by the amount of chromium present. Unprotected carbon steel rusts readily when exposed to air and moisture. This iron oxide film (the rust) is active and accelerates corrosion by making it easier for more iron oxide to form. Since iron oxide has lower density than steel, the film expands and tends to flake and fall away. In comparison, stainless steels contain sufficient chromium to undergo passivation, forming an inert film of chromium oxide on the surface. This layer prevents further corrosion by blocking oxygen diffusion to the steel surface and stops corrosion from spreading into the bulk of the metal. Passivation occurs only if the proportion of chromium is high enough and oxygen is present in it.

Stainless steel's resistance to corrosion and staining, low maintenance, and familiar lustre make it an ideal material for many applications.

Our parts system



Parts that require adhesive

We offer a complete selection of the highest grade adhesives for professional installation.

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Parts that require hardware

Our parts are available with a full range of system hardware as well as anchors for mounting to wood and concrete.

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Installation kits available

Our complete offering of installation kits, tools and accessories makes it easy to professionally install our systems.

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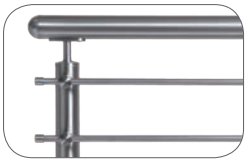
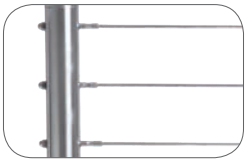
Post Railing Systems

ROUND SERIES

INFILL OPTIONS



Round Tube Infill 4-7



Cable Infill 8-13

Glass Clamps 14-17

POST OPTIONS

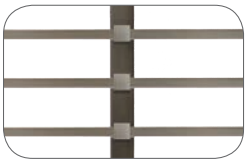
Round Post
Options 18-21

HANDRAIL OPTIONS

Round Handrail
Options 22-25

SQUARE SERIES

INFILL OPTIONS

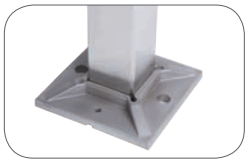


Bar/Tube Infill 26-29

Cable Infill 30-37

Glass Clamps 38-41

POST OPTIONS

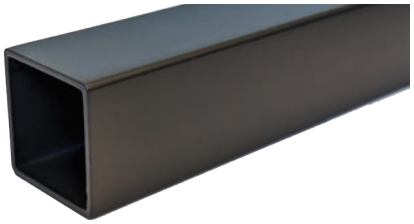


Square Post
Options 42

Wood Post
Options 42

AXIA® | BLACK
STAIR & RAILING SYSTEMS

NOW AVAILABLE



EXTERIOR GRADE POWDER COATING
304 GRADE STAINLESS STEEL

Options 30-57

HANDRAIL OPTIONS

Square Handrail
Options 43-49

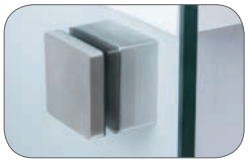
Wood Handrail
Options 43-49

Glass Railing Systems

STANDOFF SERIES

STANDOFF OPTIONS

Round Standoffs
50-53



Square Standoffs
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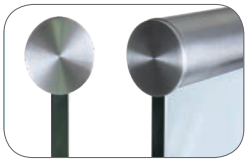

Round Top rail
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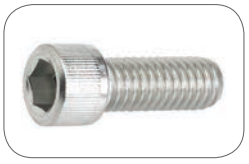

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Tools & Accessories
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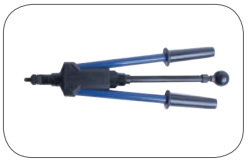
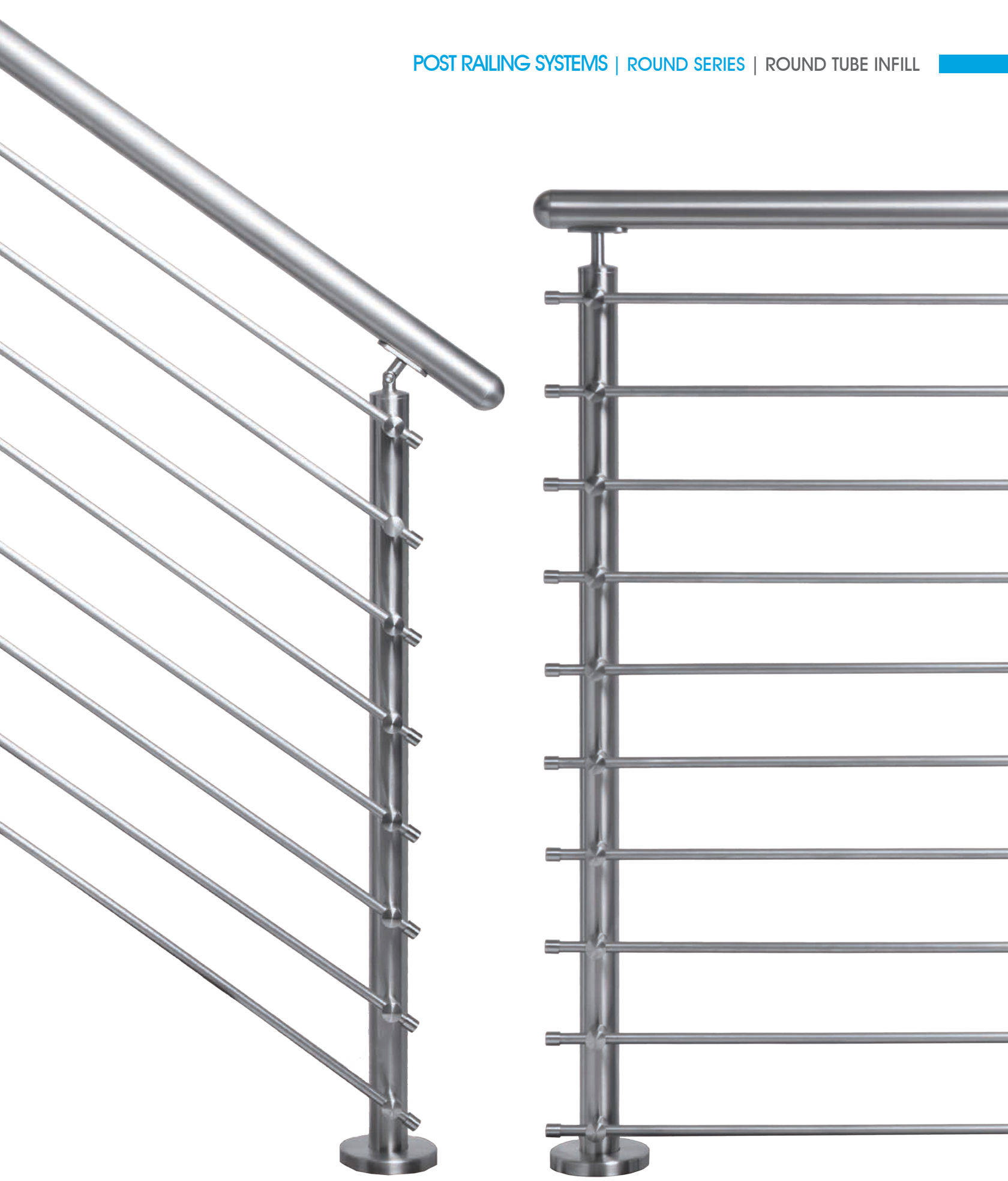
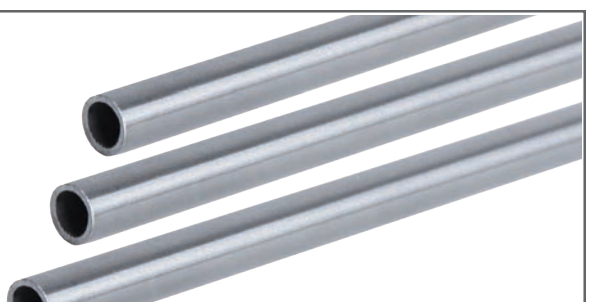


Specialty Tools 76



COD.	Ø	L	Wt.
AX10.009.83000.A.SP	12 x 1.5 mm	3000 mm (9'-10")	1.1 kgs (2.42 lbs)
AX10.009.85800.A.SP	12 x 1.5 mm	5800 mm (19')	2.1 kgs (4.64 lbs)

Round tube infill



For information on cutting stainless steel
houseofforgings.net/axia-install-guides

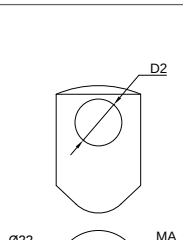
COD.	D	D2	MA
AX10.010.200.A.SP	42.4 mm	12 mm	6.5 mm

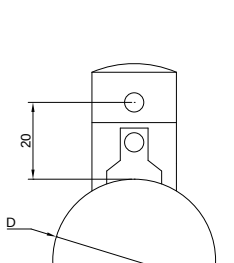
Round tube infill holder

Weight:
.053 kgs (.117 lbs)

Quick# **260X**
Page 72

1 per location



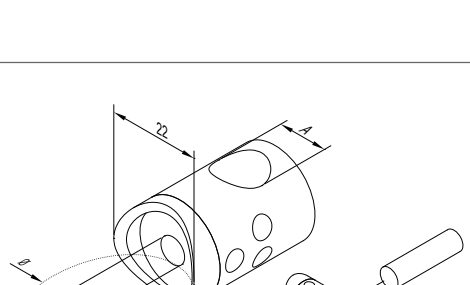


Threadlock

COD.	B	A
AX10.010.206.A.SP	42.4 mm	12 mm

Round tube infill holder - connector

Weight:
.054 kgs (.118 lbs)



Threadlock

Quick# **260X**
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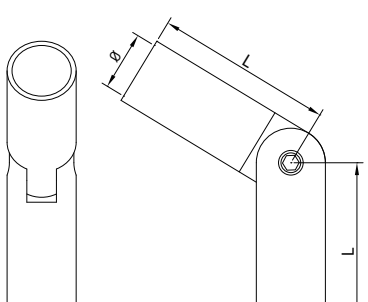
1 per location

COD.	Ø	L
AX10.010.082.A.SP	12 mm	36 mm

Inline connector

Weight:
.03 kgs (.066 lbs)



Anaerobic Adhesive

COD.	X	D
AX10.010.209.A.SP	22 mm	12 mm

Inline holder for flat mount

Weight:
.126 kgs (.277 lbs)

Quick# **820X**
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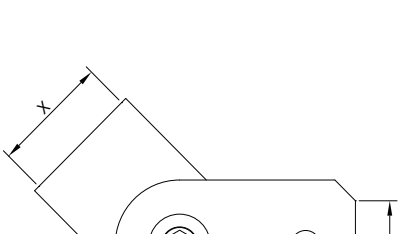
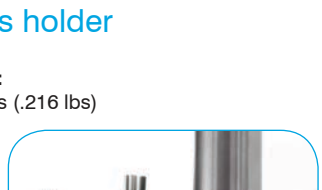
1 per location

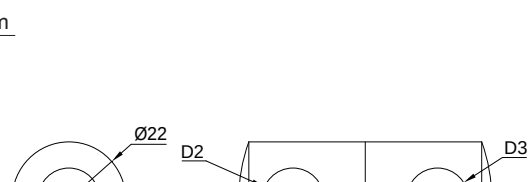


COD.	D2	D3
AX10.010.208.A.SP	12 mm	12 mm

Cross holder

Weight:
.098 kgs (.216 lbs)

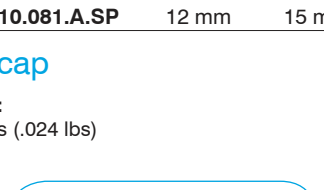


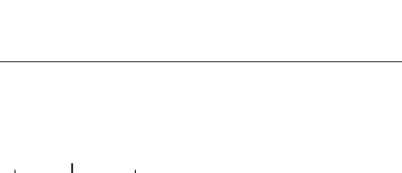


COD.	D	L
AX10.010.081.A.SP	12 mm	15 mm

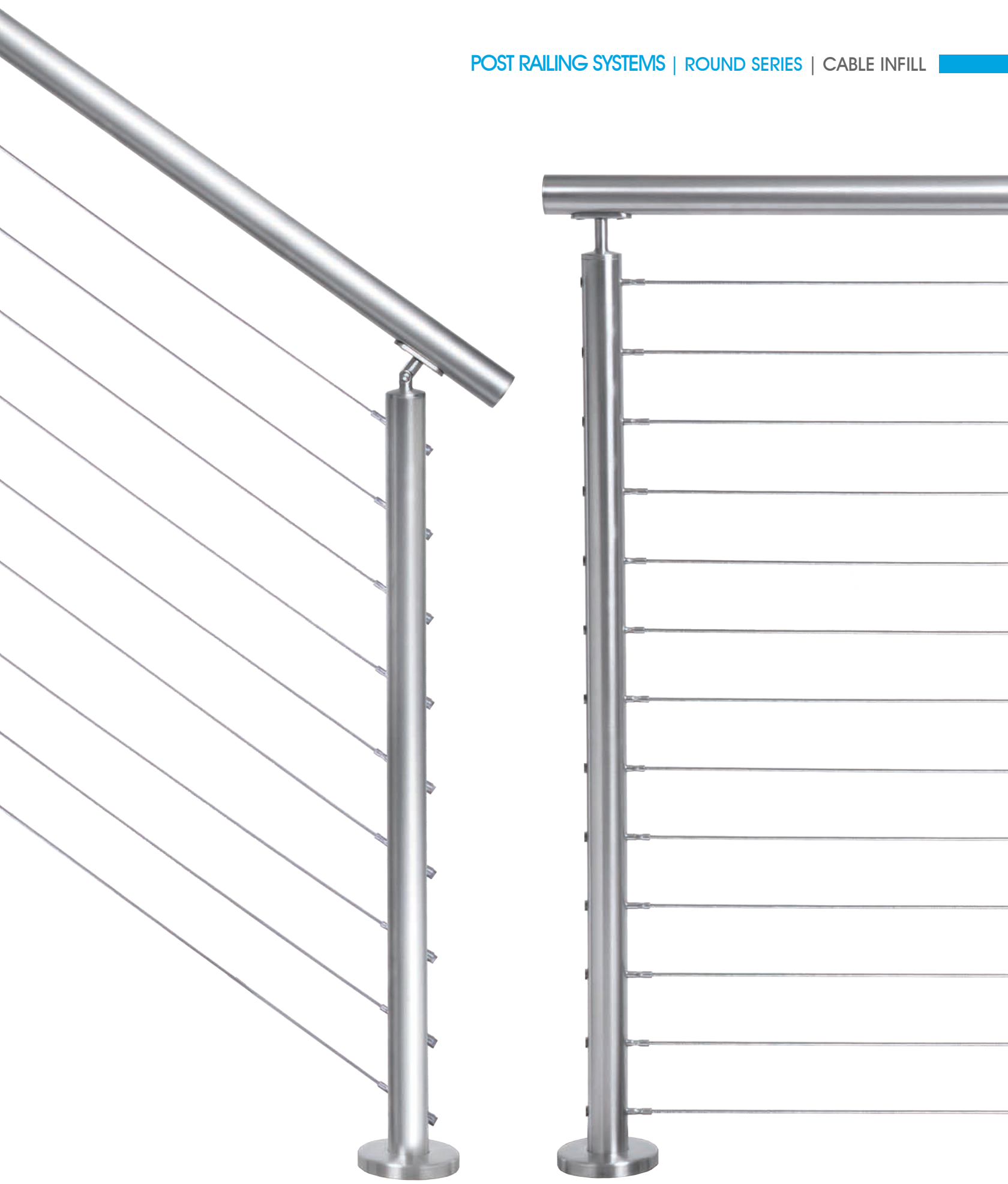
End cap

Weight:
.011 kgs (.024 lbs)





Anaerobic Adhesive



Through-post configuration

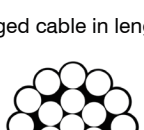
COD.	L	Wt.
HFC18.102-5	5’	.15 kgs (.331 lbs)
HFC18.102-10	10’	.227 kgs (.5 lbs)
HFC18.102-15	15’	.303 kgs (.669 lbs)
HFC18.102-20	20’	.383 kgs (.844 lbs)

Outside to outside
Level/balcony or angle/stair
Steel or wood posts

Drill Kit **AX00.070.630**
AX00.070.635 Page 74

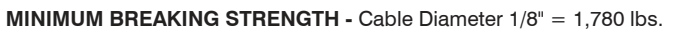
Pre-assembled kit includes fittings and factory swaged cable in lengths 5'-25'

Included in kit



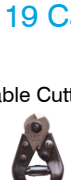
AISI 316

MINIMUM BREAKING STRENGTH - Cable Diameter 1/8" = 1,780 lbs.
1X19 STRAND TYPE 316 STAINLESS STEEL CABLE



1 x 19 Cable - 1/8” Diameter

Cable Cutter



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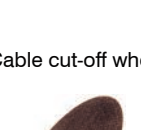
Cable cut-off wheel



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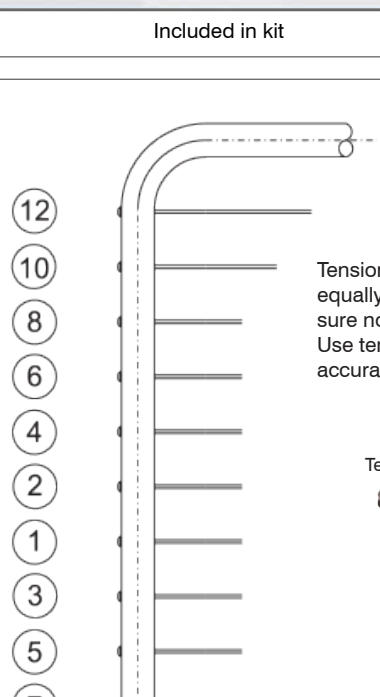
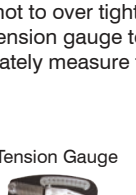
Used to cut cable flush with the end of Pull-Lock fittings, and to cut excess threads of stud. Includes mandrel and two cut-off wheels.



Tension each row of cable equally to 225 lbs making sure not to over tighten. Use tension gauge to accurately measure tension.

Tension Gauge



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Recommended Tensioning Sequence

EASY AS 1-2-3

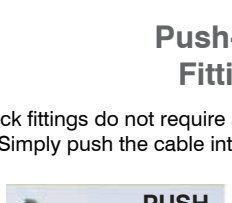
1. **What posts are you using? Wood or metal?**

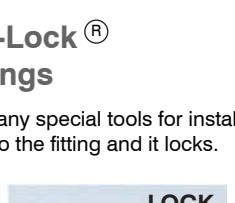
2. **Measure your level and stair runs, calculate number of level and stair fittings.**

3. **Add up tensioners and non-tensioners, then calculate total cable footage (plus 5%).**

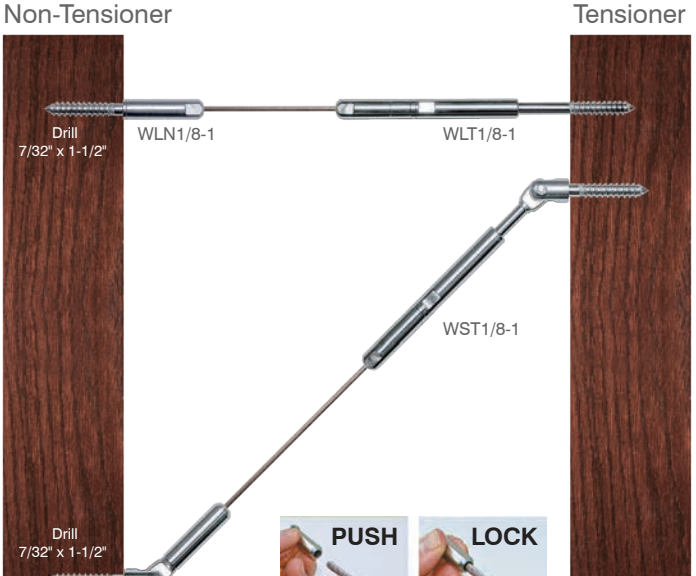
Push-Lock ® Fittings

Push-Lock fittings do not require any special tools for installation. Simply push the cable into the fitting and it locks.





Non-Tensioner Tensioner



Surface-mount configuration

For use with 1/8" cable

COD.	Description	Wt.
WLN1/8-1	Wood Level Non Tensioner	.04 kgs (.092 lbs)
WLN1/8-10	Wood Level Non Tensioner(10 pack)	.31 kgs (.693 lbs)
WLT1/8-1	Wood Level Tensioner	.07 kgs (.173 lbs)
WLT1/8-10	Wood Level Tensioner(10 pack)	.68 kgs (1.5lbs)
WSN1/8-1	Wood Stair Non Tensioner	.06 kgs (.135 lbs)
WSN1/8-10	Wood Stair Non Tensioner(10 pack)	.5 kgs (1.12 lbs)
WST1/8-1	Wood Stair Tensioner	.09 kgs (.217 lbs)
WST1/8-10	Wood Stair Tensioner(10 pack)	.88 kgs (1.94 lbs)

Inside to inside Level/balcony or angle/stair Wood posts

Drill Kit **AX00.070.625** Page 74

Cable Cutter

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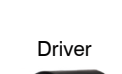
Driver



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Non-Tensioner Tensioner

Surface-mount configuration

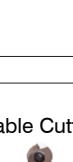
For use with 1/8" cable

COD.	Description	Wt.
MLN1/8-1	Metal Level Non Tensioner	.04 kgs (.087 lbs)
MLN1/8-10	Metal Level Non Tensioner(10 pack)	.29 kgs (.638lbs)
MLT1/8-1	Metal Level Tensioner	.07 kgs (.158 lbs)
MLT1/8-10	Metal Level Tensioner(10 pack)	.61 kgs (1.349 lbs)
MSN1/8-1	Metal Stair Non Tensioner	.05 kgs (.118 lbs)
MSN1/8-10	Metal Stair Non Tensioner(10 pack)	.6 kgs (1.349 lbs)
MST1/8-1	Metal Stair Tensioner	.09 kgs (.202 lbs)
MST1/8-10	Metal Stair Tensioner(10 pack)	.81 kgs (1.793 lbs)

Inside to inside Level/balcony or angle/stair Metal posts

Drill Kit **AX00.070.650** **AX00.070.645** Page 74

Cable Cutter



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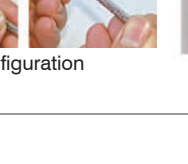


AISI 316

COD.	Description	Wt.
UTCABLE100-4	100' coil - 1/8" 1X19 type 316 S/S cable	2.07 kgs (4.56 lbs)
UTCABLE500-4	500' spool - 1/8" 1X19 type 316 S/S cable	10.02 kgs (22.1 lbs)

1x19 Cable(1/8" 316)

MINIMUM BREAKING STRENGTH - Cable Diameter 1/8" = 1,780 lbs.
1X19 STRAND TYPE 316 STAINLESS STEEL CABLE

Through-post configuration

For use with 4mm cable

COD.	G	mm	L1	L2	L3	D	A	kg/100
AX00.050.221SX.B.SP	M6	4.0	88.0	30.0	50.0	7.0	4.5	1.2

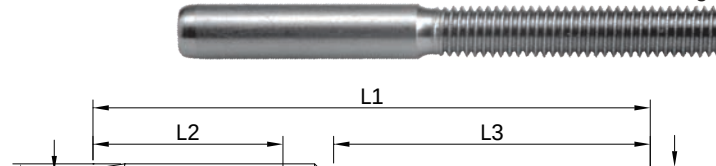
Left handed cable terminal stud (SX)

AX00.050.220DX.B.SP	M6	4.0	88.0	30.0	50.0	7.0	4.5	1.2

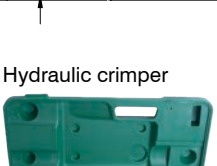
Right handed cable terminal stud (DX)

AISI 316

Weight:
.016 kgs (.035 lbs)



Hydraulic crimper



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Cable Cutter

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Drill Kit **AX00.070.610**
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COD.	NV	G	kg/100	
AX00.050.233SX.B.SP	12	M6	0.9	LEFT
AX00.050.232DX.B.SP	12	M6	0.9	RIGHT

Threaded allen head cap tensioners

Weight:
.006 kgs (.013 lbs)

Drill Kit **AX00.070.610**
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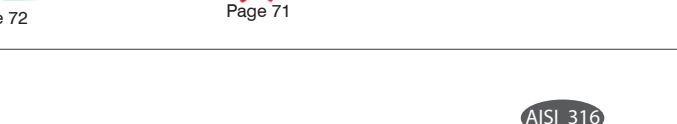
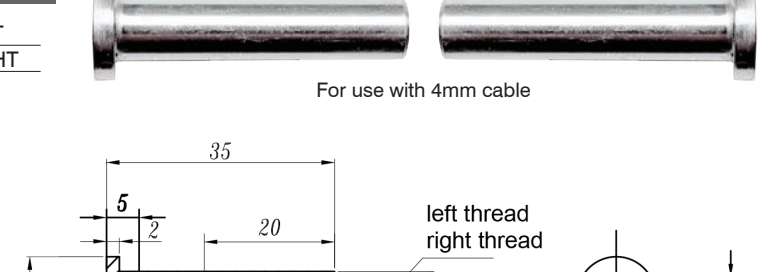
AISI 316



For use with 4mm cable

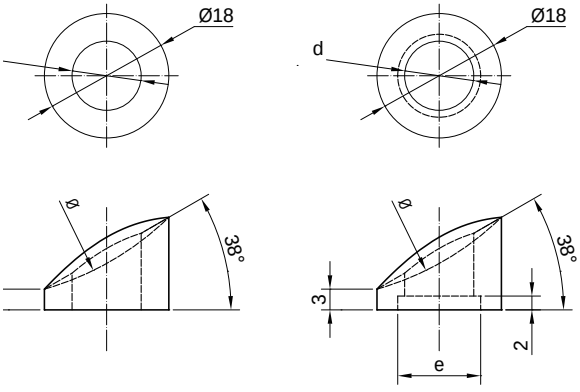


AISI 316

COD.	d	Ø	e	
AX10.060.240.B.SP	12 mm	42.4 mm	14 mm	ROUND

Sloping washer for round posts

Weight:
.006 kgs (.013 lbs)



AISI 316

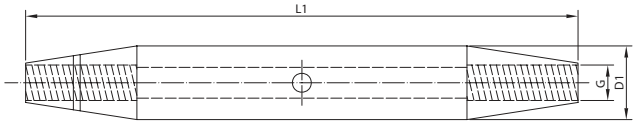
Recommended for runs over 25'

For use with 4mm cable

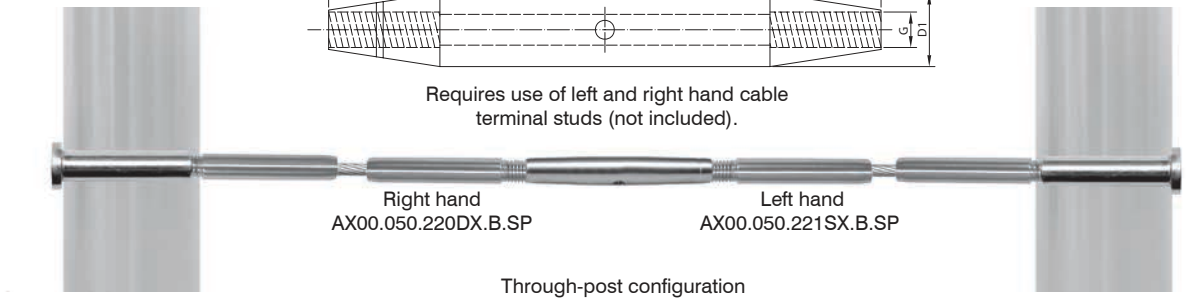
COD.	G	L1	D1	kg/100
AX00.050.235.B.SP	M6	65.0	10.0	1.7

Middle-tensioning body

Weight:
.025 kgs (.055 lbs)



Requires use of left and right hand cable terminal studs (not included).



Right hand
AX00.050.220DX.B.SP

Left hand
AX00.050.221SX.B.SP

Through-post configuration

AISI 316

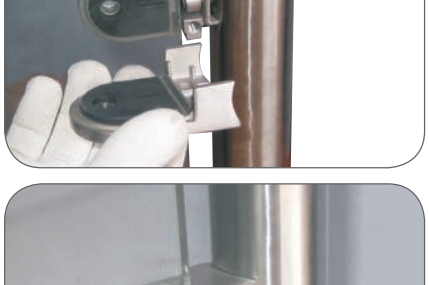
Available in 328' spool

COD.	Description
AX00.040.215.B.M	328' Spool - 4 mm 1X19 type 316 S/S cable

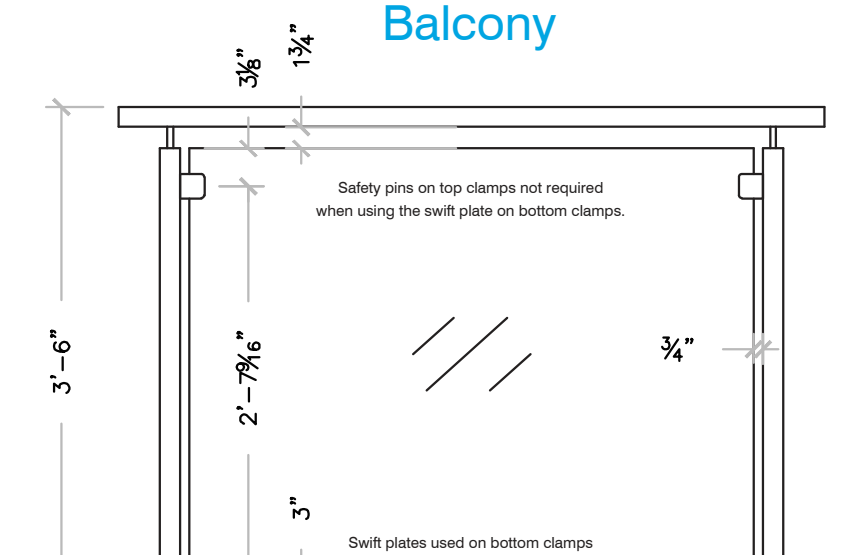
1x19 Cable - Bulk(4MM 316)

Weight:
8.5 kgs (18.73 lbs)

Use thread lock on all screws
AX00.100.563

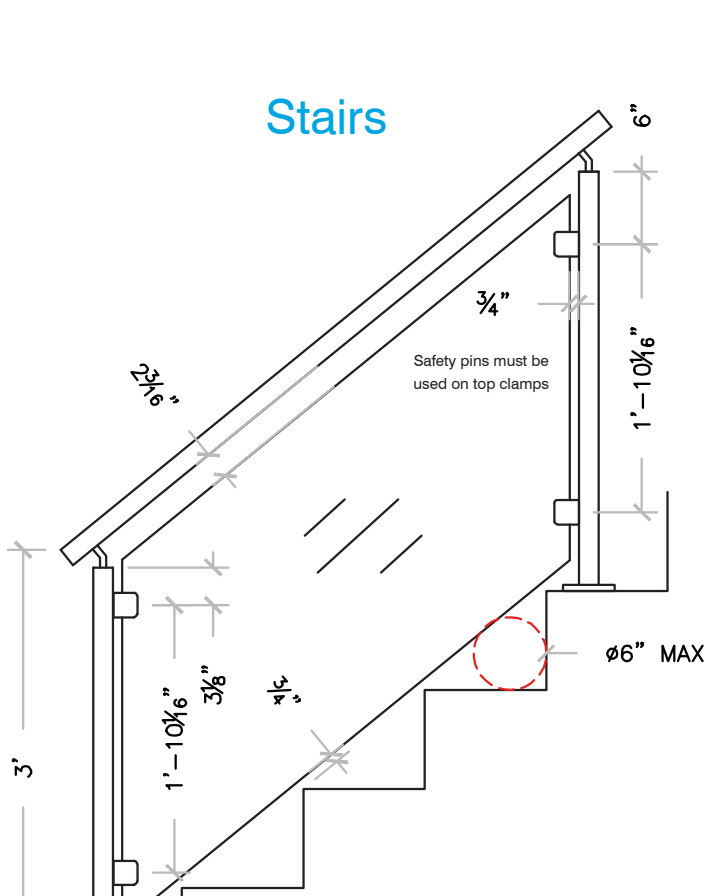


Balcony



Recommended Configuration

Stairs



Recommended Layout

Note: Use flat polished edges on glass with radius or bumped corners when ordering glass from your glass supplier. All railing requires the use of tempered glass.

COD.	Ø	L
AX10.014.180.A.SP	42.4 mm	10 - 12.76 mm

Glass clamps for round posts

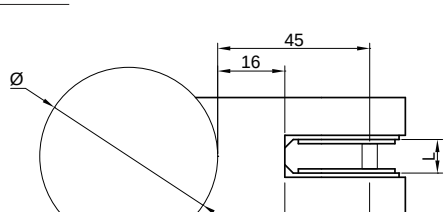
Weight:
.303 kgs (.667 lbs)

Rubber inserts not included
Available for 3/8" & 1/2" monolithic glass

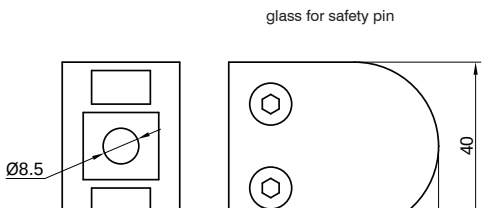
Quick# **255X** Page 72

1 per location

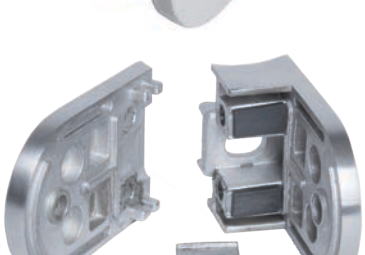
Note: All glass on stairways and balconies are considered a hazardous location and requires the use of tempered glass.



Drill minimum 1/2" hole in glass for safety pin



Threadlock



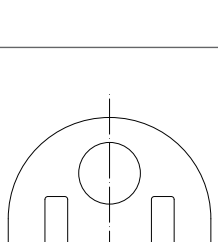
Swift plate and safety pin included

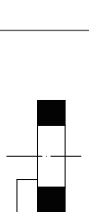
Note: Safety pin or swift plate can be used to support glass.

COD.	T
AX10.015.182R	10 mm for 3/8" glass
AX10.015.183R	12 mm for 1/2" glass

Glass clamp inserts

Weight:
.009 kgs (.02 lbs)





sold in pairs

Threadlock

COD.	Size	ØD
AX00.090.266.A.SP	M5	6.9 mm
AX00.090.267.A.SP	M6	8.9 mm
AX00.090.269.A.SP	M8	10.9 mm

Pop rivets - threaded inserts

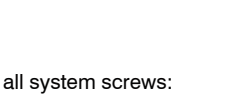
Weight:
.0018 kgs (.004 lbs)
.0027 kgs (.006 lbs)
.0045 kgs (.01 lbs)

Provides stronger connection for all system screws: handrail, bar holders and glass clamps
No tapping Required

Quick# **250X, 255X, 260X** Page 72

Sold individually

Pop rivet tool



Page 72

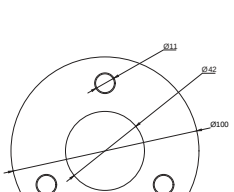
COD.	Ø	ØBase	Height
AX10.001.001.A.SP	42.4 mm	101 mm	1000 mm (39-3/8")

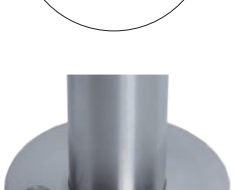
Round post - floor mounted

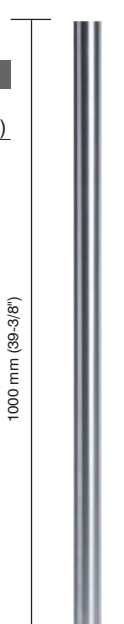
Weight:
2.34 kgs (5.15 lbs)

Clear Silicone

Flange cover included







Quick# **800X, 805X**
Page 72

3 per location

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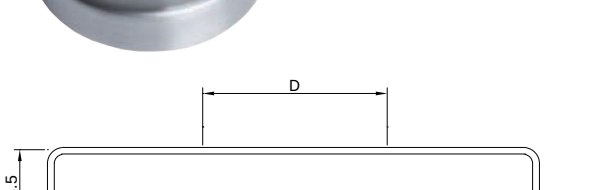
COD.	Ø	D
AX10.008.142.A.SP	105 mm	42.75 mm

Replacement Flange cover - floor mounted

Weight:
.086 kgs (.189 lbs)

Clear Silicone



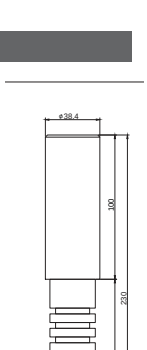
COD.	Ø
AX10.001.003.D.M	42.4 mm

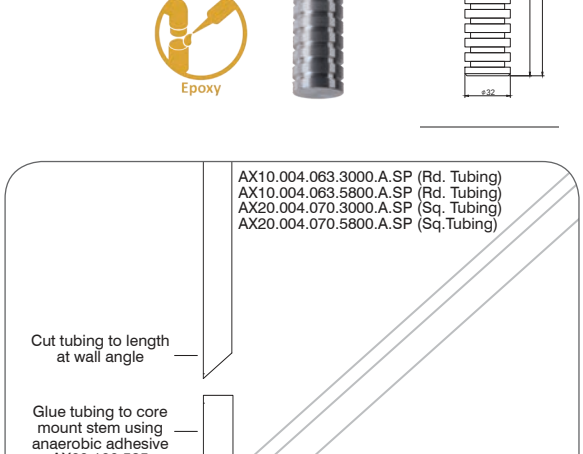
Core mount

Weight:
.849 kgs (1.87 lbs)

Anaerobic Adhesive

Epoxy





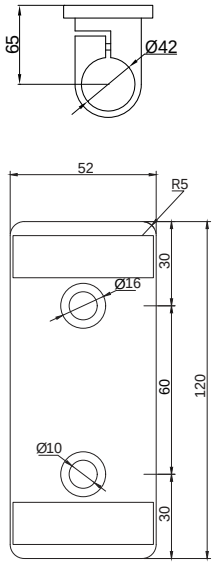
COD.	Ø	D
AX10.008.143.A.SP	105 mm	42.75 x 60 mm

Angled flange cover - core mount

Weight:
.117 kgs (.257 lbs)

Clear Silicone

up to 40 degrees



COD.	Ø
AX10.001.002.A.SP	42.4 mm

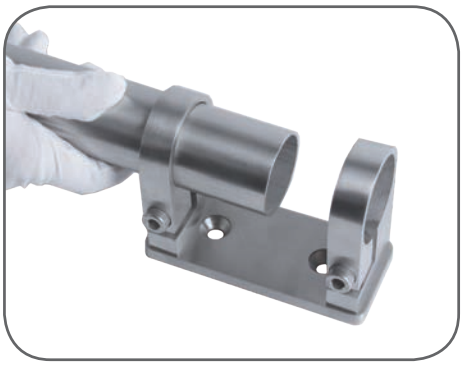
Wall mount

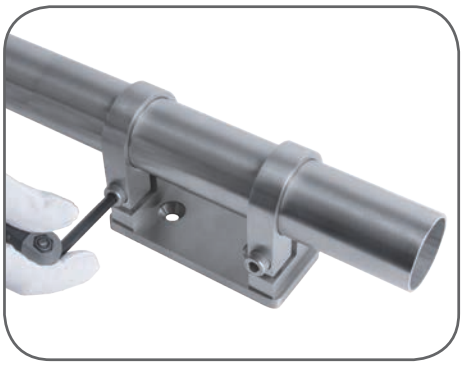
Weight:
.394 kgs (.869 lbs)

Quick#**900X, 905X**
Page 72

2 per location

Note: Use round tube handrail for posts(Page 22)
AX10.004.063.3000.A.SP
AX10.004.065.5800.A.SP





AX10.007.120.A.SP

AX10.007.121.A.SP

See page 22

Note: End caps should be used on the bottom of the posts.

COD.	Ø	D
AX10.005.020.A.SP	42.4 x 2 mm	42.4 mm

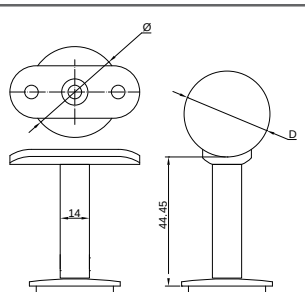
Post handrail support

Weight:
.174 kgs (.383 lbs)

Quick# **250X, 540X** Page 72

Option: Use M5 pop rivets to attach handrail AX00.090.266.A.SP

2 per location



Threadlock

Anaerobic Adhesive

Round saddle included
Flat saddles available (Page 41)

COD.	Ø	D
AX10.005.021.A.SP	42.4 x 2 mm	42.4 mm

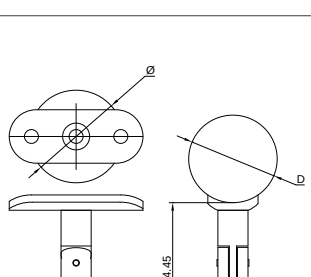
Post handrail support - adjustable

Weight:
.164 kgs (.361 lbs)

Quick# **250X, 540X** Page 72

Option: Use M5 pop rivets to attach handrail AX00.090.266.A.SP

2 per location



20° - 90° adjustable

Threadlock

Anaerobic Adhesive

Round saddle included
Flat saddles available (Page 41)

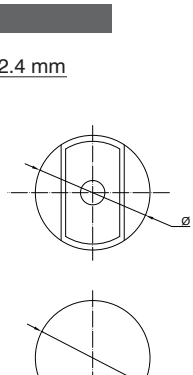
COD.	Ø	D
AX10.005.026.A.SP	42.4 x 2 mm	42.4 mm

Rail support - beveled/coped

Weight:
.118 kgs (.26 lbs)

Threadlock

Anaerobic Adhesive

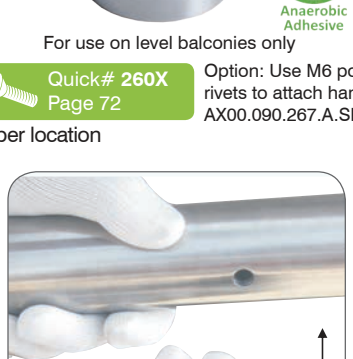


For use on level balconies only

Quick# **260X** Page 72

Option: Use M6 pop rivets to attach handrail AX00.090.267.A.SP

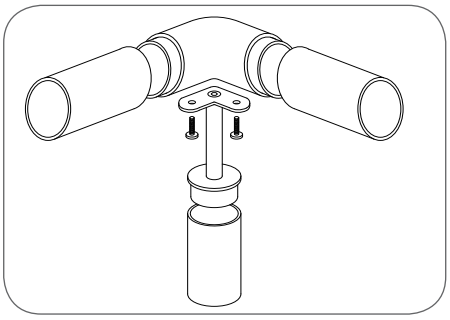
1 per location

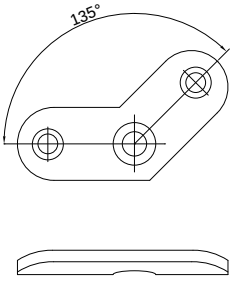


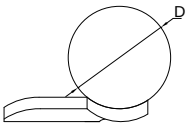
COD.	D
AX10.005.022.A.SP	42.4 mm

45 degree saddle

Weight:
.047 kgs (.103 lbs)







Quick# **250X, 540X**
Page 72

2 per location

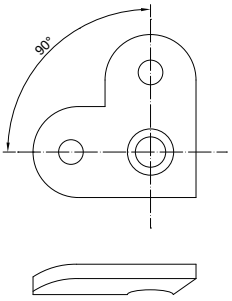
COD.	D
AX10.005.023.A.SP	42.4 mm

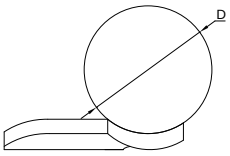
90 degree saddle

Weight:
.036 kgs (.079 lbs)

Quick# **250X, 540X**
Page 72

2 per location





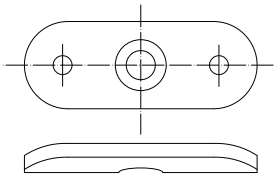
COD.	D
AX10.005.024.A.SP	42.4 mm

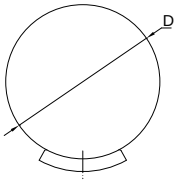
Saddle - 180 degree - round

Weight:
.037 kgs (.081 lbs)

Quick# **250X, 540X**
Page 72

2 per location





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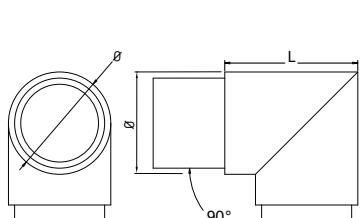
COD.	Ø	L
AX10.004.063.3000.A.SP	42.4 x 2 mm	3000 mm (9'-10")
AX10.004.065.5800.A.SP	42.4 x 2 mm	5800 mm (19')

Round tube handrail/post

Weight:
6.2 kgs (13.64 lbs)
11.9 kgs (26.18 lbs)

Anaerobic Adhesive

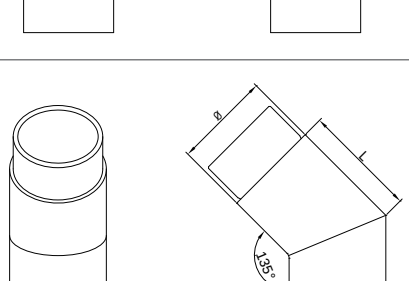


COD.	Ø	L
AX10.008.100.A.SP	42.4 x 2 mm	50 mm

90 degree elbow

Weight:
.266 kgs (.585 lbs)

Anaerobic Adhesive



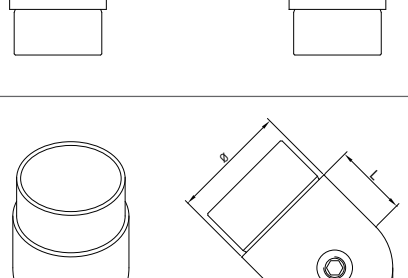
COD.	Ø	L
AX10.008.101.A.SP	42.4 x 2 mm	50 mm

45 degree elbow

Weight:
.316 kgs (.695 lbs)

Anaerobic Adhesive

± 90° adjustable

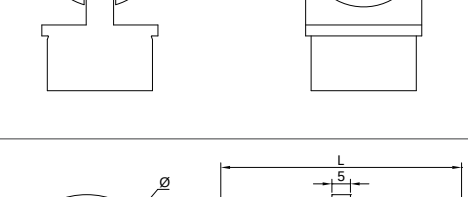


COD.	Ø	L
AX10.008.102.A.SP	42.4 x 2 mm	50 mm

Adjustable ± 90 degree elbow

Weight:
.379 kgs (.834 lbs)

Anaerobic Adhesive



COD.	Ø	L
AX10.008.103.A.SP	42.4 x 2 mm	50 mm

Connector

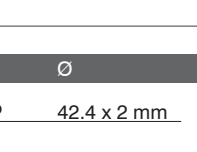
Weight:
.121 kgs (.166 lbs)

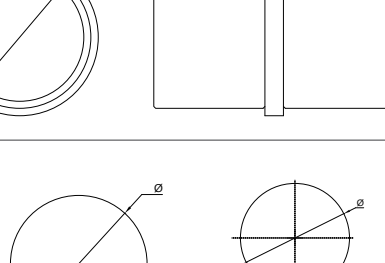
COD.	Ø
AX10.007.120.A.SP	42.4 x 2 mm

Flat end cap

Weight:
.057 kgs (.125 lbs)

Anaerobic Adhesive

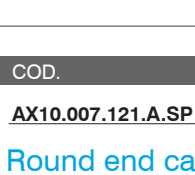




COD.	Ø	H
AX10.007.121.A.SP	42.4 x 2 mm	21 mm

Round end cap

Weight:
.072 kgs (.158 lbs)



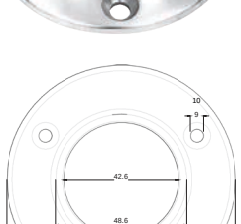
Anaerobic Adhesive

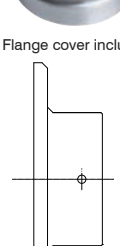
COD.	Ø	D
AX10.008.140.A.SP	80 mm	42.4 mm

Wall mount flange

Weight:
.202 kgs (.444 lbs)

Flange cover included





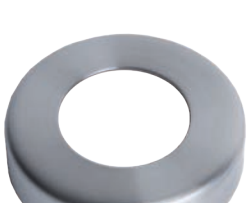
Quick# **820X**
Page 72

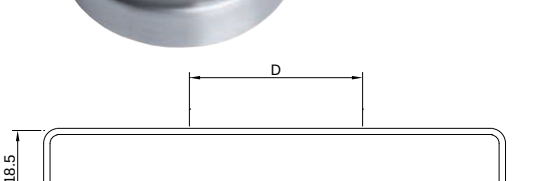
3 per location

COD.	Ø	D
AX10.008.139.A.SP	89.7 mm	50 mm

Replacement Flange cover

Weight:
.099 kgs (.219 lbs)

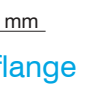




COD.	Ø
AX10.008.141.A.SP	42.4 x 2 mm

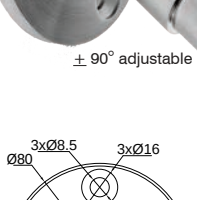
Adjustable wall mount flange

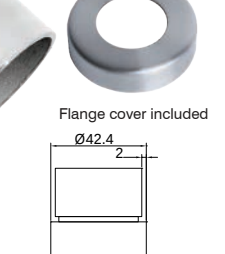
Weight:
.1 kgs (.22 lbs)



± 90° adjustable

Flange cover included





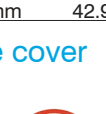
Quick# **830X**
Page 72

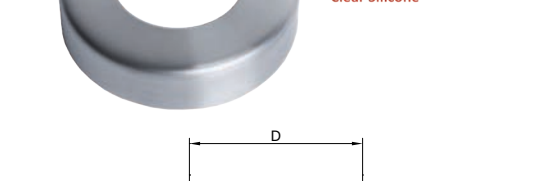
3 per location

COD.	Ø	D
AX10.008.144.A.SP	84.6 mm	42.9 mm

Replacement Flange cover

Weight:
.054 kgs (.119 lbs)





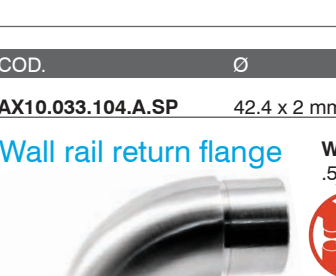
COD.	Ø	L
AX10.033.104.A.SP	42.4 x 2 mm	54 mm

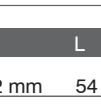
Quick# **830X**
Page 72

3 per location

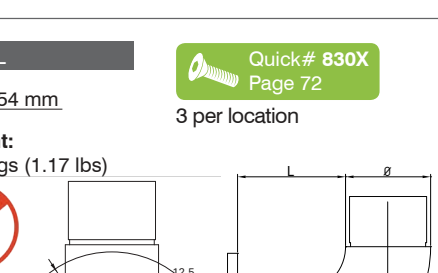
Wall rail return flange

Weight:
.533 kgs (1.17 lbs)





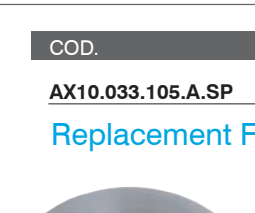
Flange cover included

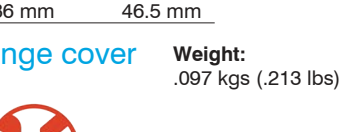


COD.	Ø	D
AX10.033.105.A.SP	86 mm	46.5 mm

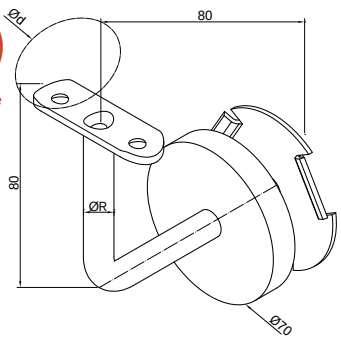
Replacement Flange cover

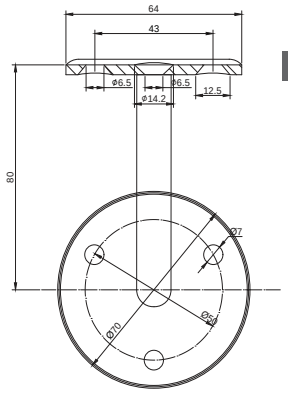
Weight:
.097 kgs (.213 lbs)





for wall





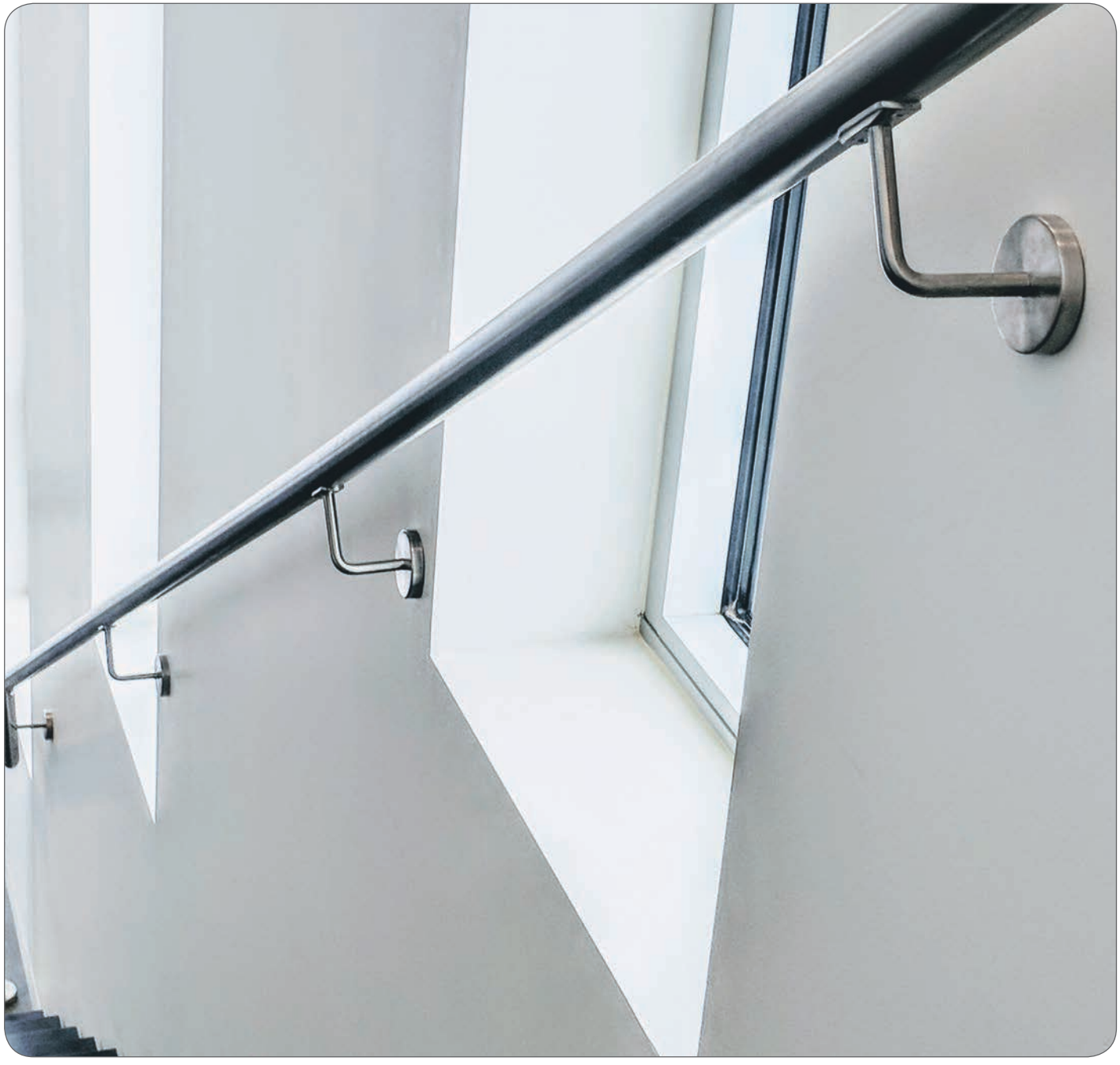
COD.	Ø	R	Ød
AX10.033.023.A.SP	70 mm	12 mm	42.4 mm

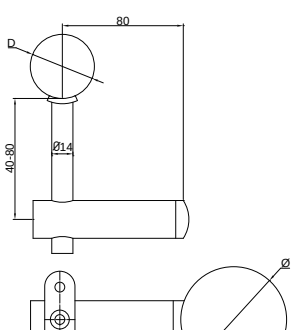
Wall handrail support

Flat saddle sold separately for flat rail options

Weight:
.275 kgs (.605 lbs)

Quick# **250X -** 2 per location
Quick# **540X -** 2 per location
Quick# **855X -** 3 per location
Page 72





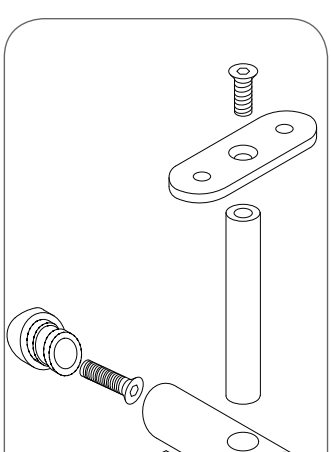
COD.	Ø	Ød
AX10.033.025.A.SP	42.4 mm	42.4 mm

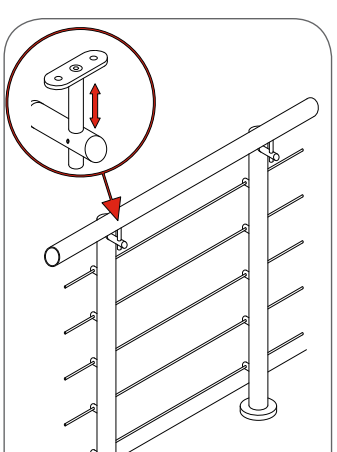
Post handrail support

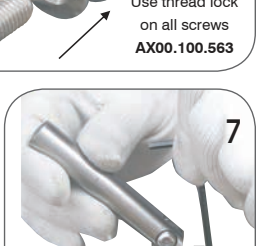
Flat saddle sold separately for flat rail options

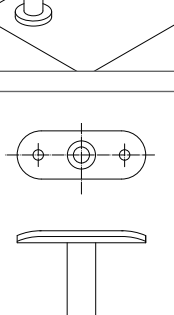
Weight:
.457 kgs (1.01 lbs)

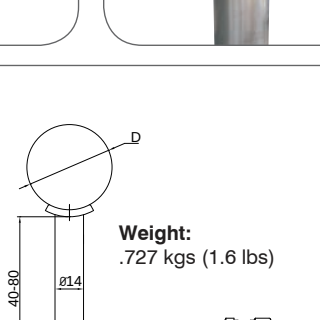
Quick# **250X** - 2 per location
Quick# **540X** - 2 per location
Quick# **260X** - 1 per location
Page 72











Weight:
.727 kgs (1.6 lbs)

COD.	Ød
AX10.033.024.A.SP	42.4 mm

Glass handrail support

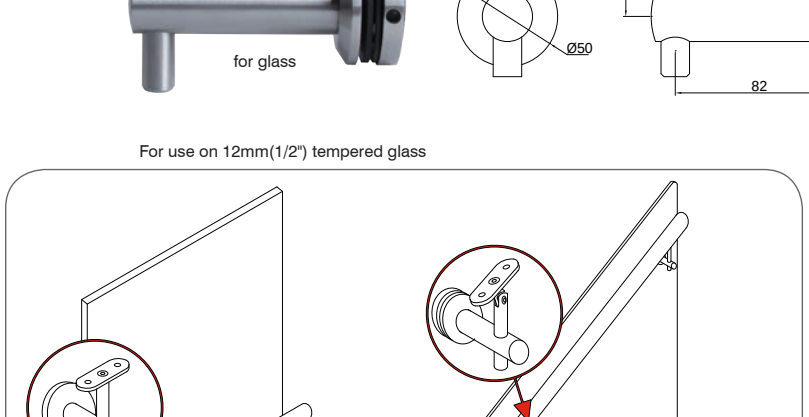
Flat saddle sold separately for flat rail options

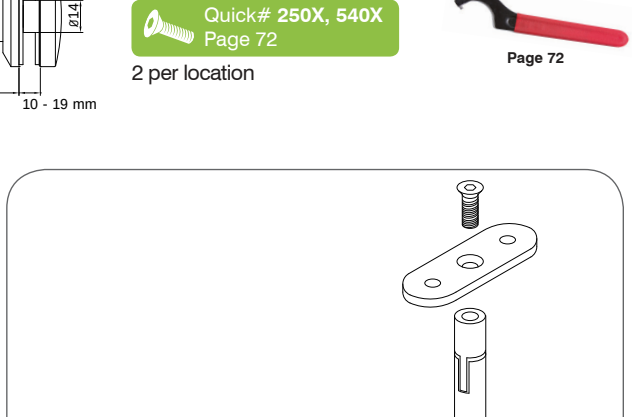
Quick# **250X, 540X**
Page 72

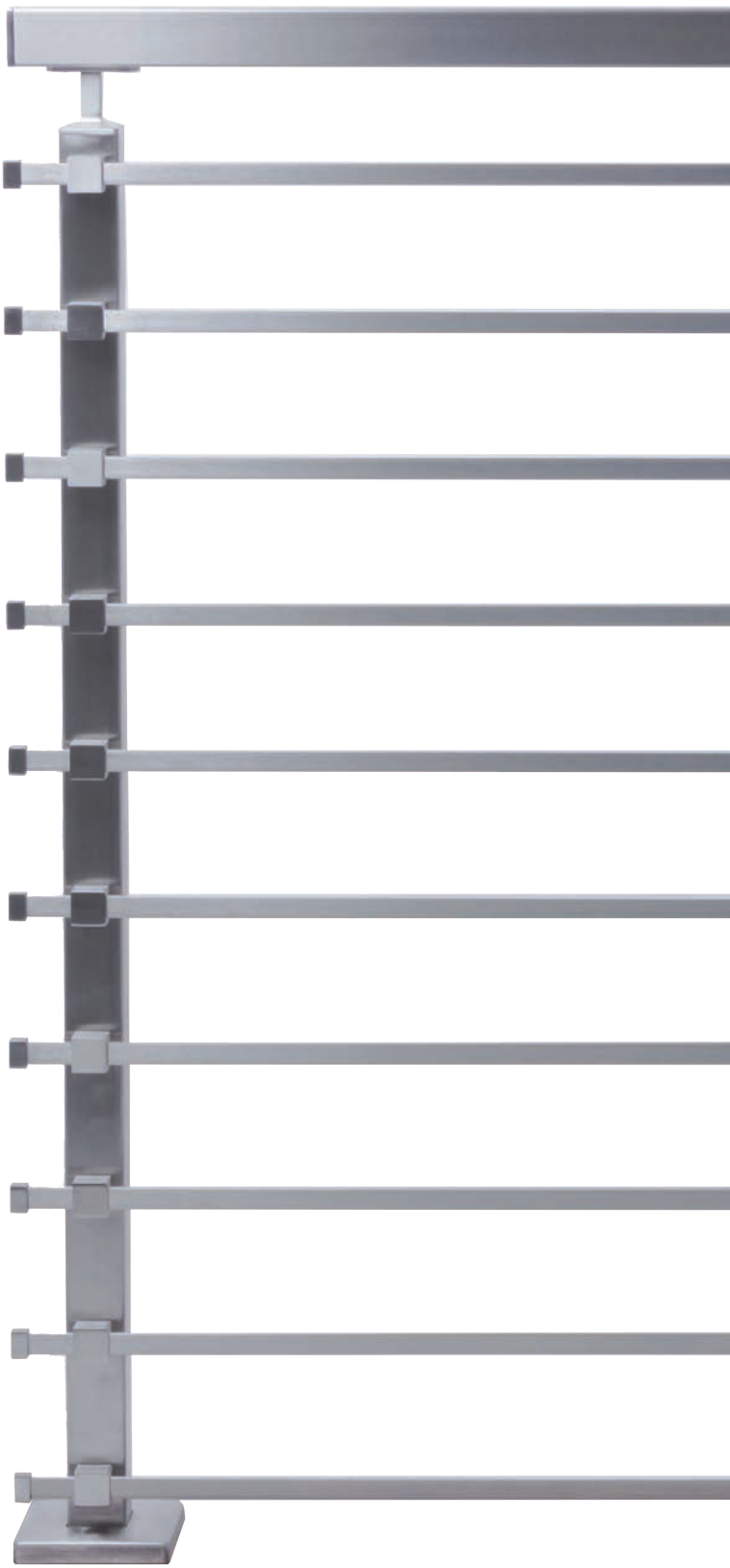
2 per location

Page 72

For use on 12mm(1/2") tempered glass



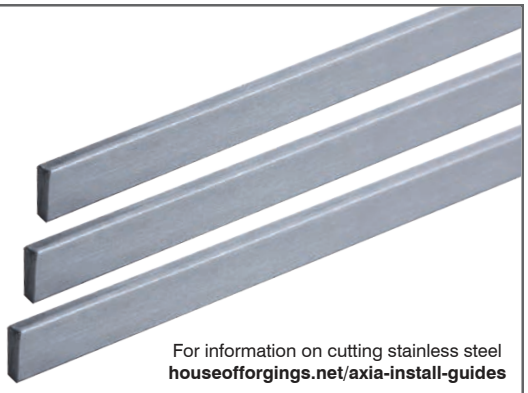




COD.	Ø	L
AX20.009.090.A.SP	15 x 5 mm	5800 mm (19')

Flat bar infill

Weight:
3.02 kgs (6.64 lbs)



For information on cutting stainless steel
houseofforgings.net/axia-install-guides

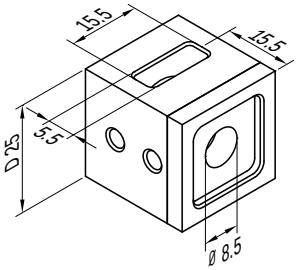
COD.	X	D
AX20.010.093.A.SP	flat	15 x 5 mm

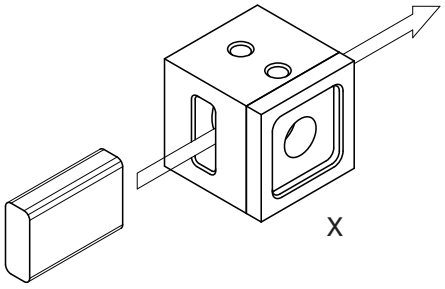
Bar holder

Weight:
.095 kgs (.209 lbs)

Quick# **260X**
Page 72

1 per location



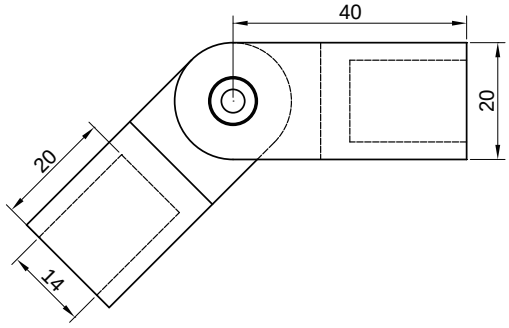


Threadlock

COD.	D
AX20.010.091.A.SP	15 x 5 mm

Adjustable connector

Weight:
.134 kgs (.294 lbs)

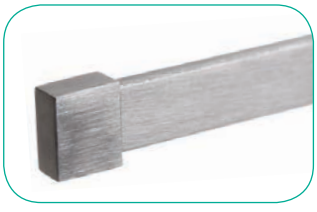


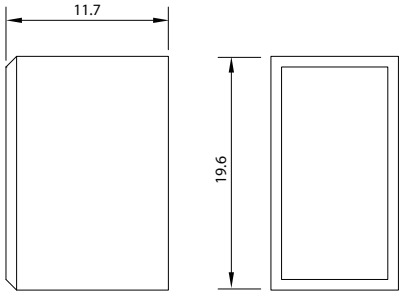
adjustable up to 55°

COD.	D
AX20.010.092.A.SP	15 x 5 mm

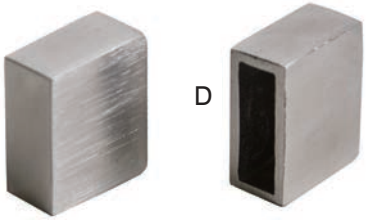
End cap

Weight:
.014 kgs (.031 lbs)





Anaerobic Adhesive



COD.	Ø	L
AX10.009.83000.A.SP	12.0 x 1.5 mm	3000 mm (9'-10")
AX10.009.85800.A.SP	12.0 x 1.5 mm	5800 mm (19')

Round tube infill

Weight:
1.1 kgs (2.42 lbs)
2.11 kgs (4.64 lbs)

For information on cutting stainless steel
houseofforgings.net/axia-install-guides

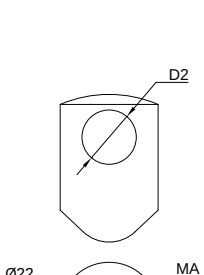
COD.	D	D2	MA
AX10.010.205.A.SP	flat	12 mm	6.5 mm

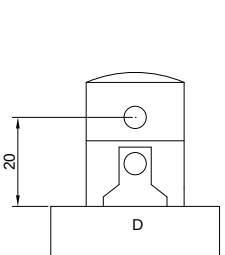
Round tube holder - flat

Weight:
.053 kgs (.117 lbs)

Quick# **260X**
Page 72

1 per location



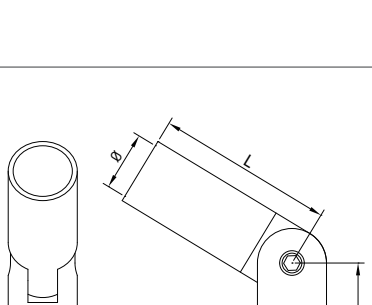


Threadlock

COD.	Ø	L
AX10.010.082.A.SP	hole 12 mm	30 mm

Adjustable round tube connector

Weight:
.03 kgs (.066 lbs)



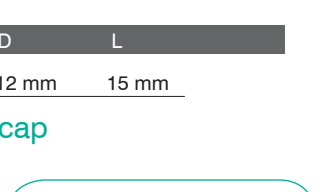
Anaerobic Adhesive

± 90° adjustable

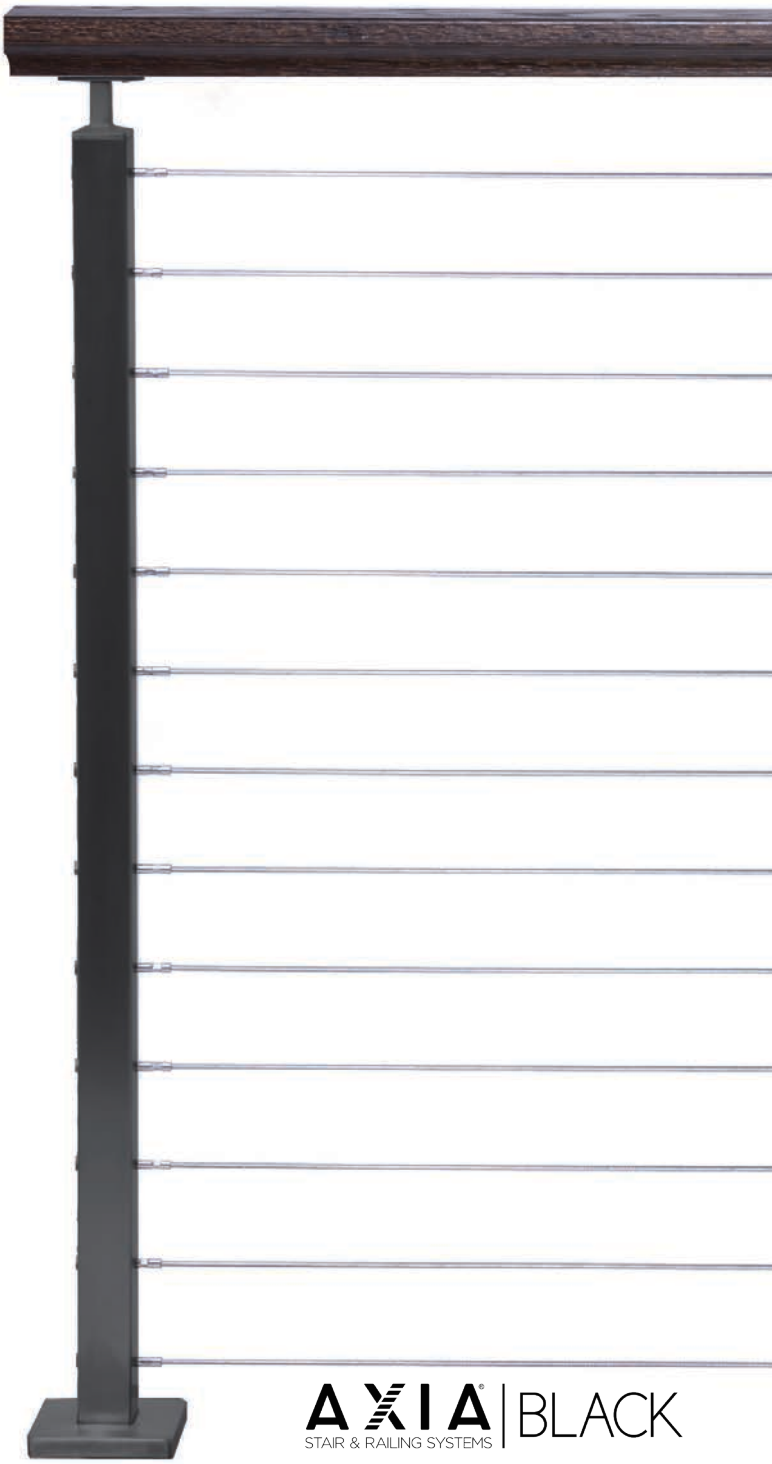
COD.	D	L
AX10.010.081.A.SP	12 mm	15 mm

Round tube end cap

Weight:
.011 kgs (.025 lbs)

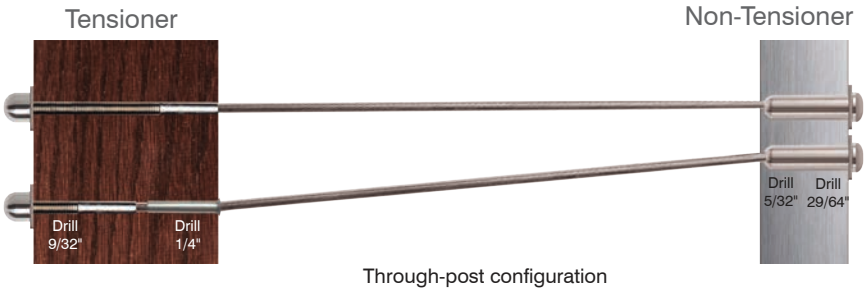


Anaerobic Adhesive



AXIA® | BLACK
STAIR & RAILING SYSTEMS

Shown with black posts and 6084 wood handrail



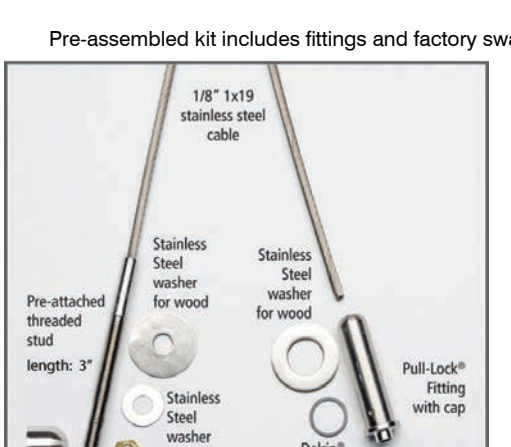
Through-post configuration

COD.	L	Wt.
HFC18.102-5	5’	.15 kgs (.331 lbs)
HFC18.102-10	10’	.227 kgs (.5 lbs)
HFC18.102-15	15’	.303 kgs (.669 lbs)
HFC18.102-20	20’	.383 kgs (.844 lbs)

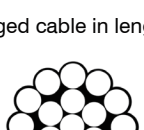
Outside to outside
Level/balcony or angle/stair
Steel or wood posts

Drill Kit **AX00.070.630**
AX00.070.635 Page 74

Pre-assembled kit includes fittings and factory swaged cable in lengths 5'-25'



Included in kit

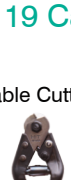


AISI 316

MINIMUM BREAKING STRENGTH - Cable Diameter 1/8" = 1,780 lbs.
1X19 STRAND TYPE 316 STAINLESS STEEL CABLE

1 x 19 Cable - 1/8” Diameter

Cable Cutter



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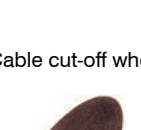
Cable cut-off wheel



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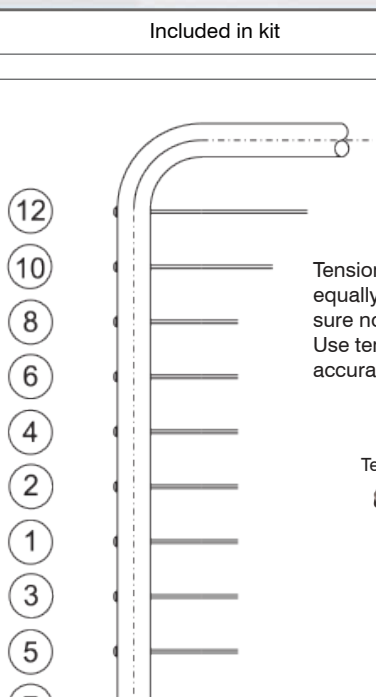
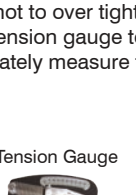
Used to cut cable flush with the end of Pull-Lock fittings, and to cut excess threads of stud. Includes mandrel and two cut-off wheels.



Tension each row of cable equally to 225 lbs making sure not to over tighten. Use tension gauge to accurately measure tension.

Tension Gauge



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Recommended Tensioning Sequence

EASY AS 1-2-3

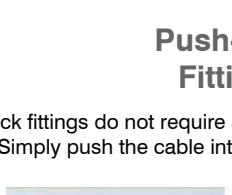
1. **What posts are you using? Wood or metal?**

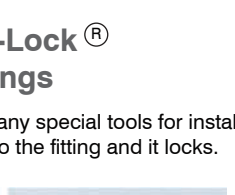
2. **Measure your level and stair runs, calculate number of level and stair fittings.**

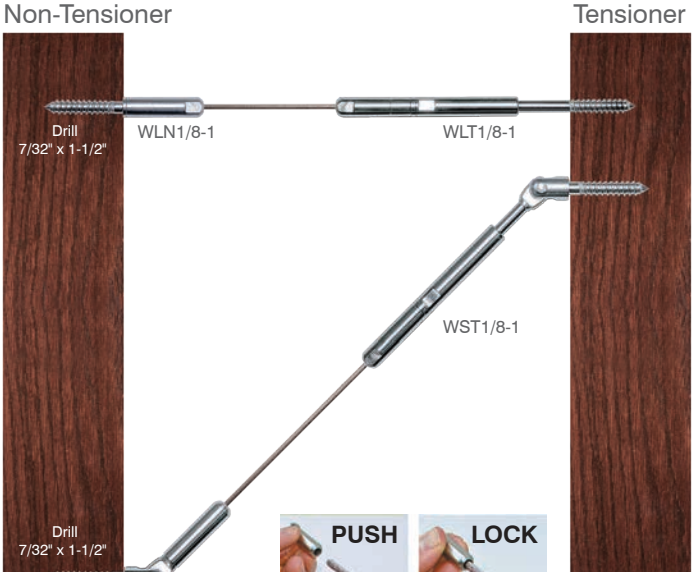
3. **Add up tensioners and non-tensioners, then calculate total cable footage (plus 5%).**

Push-Lock ® Fittings

Push-Lock fittings do not require any special tools for installation. Simply push the cable into the fitting and it locks.







Surface-mount configuration

For use with 1/8" cable

COD.	Description	Wt.
WLN1/8-1	Wood Level Non Tensioner	.04 kgs (.092 lbs)
WLN1/8-10	Wood Level Non Tensioner(10 pack)	.31 kgs (.693 lbs)
WLT1/8-1	Wood Level Tensioner	.07 kgs (.173 lbs)
WLT1/8-10	Wood Level Tensioner(10 pack)	.68 kgs (1.5lbs)
WSN1/8-1	Wood Stair Non Tensioner	.06 kgs (.135 lbs)
WSN1/8-10	Wood Stair Non Tensioner(10 pack)	.5 kgs (1.12 lbs)
WST1/8-1	Wood Stair Tensioner	.09 kgs (.217 lbs)
WST1/8-10	Wood Stair Tensioner(10 pack)	.88 kgs (1.94 lbs)

Inside to inside Level/balcony or angle/stair Wood posts

Drill Kit **AX00.070.625** Page 74

Cable Cutter

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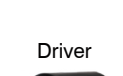
Driver



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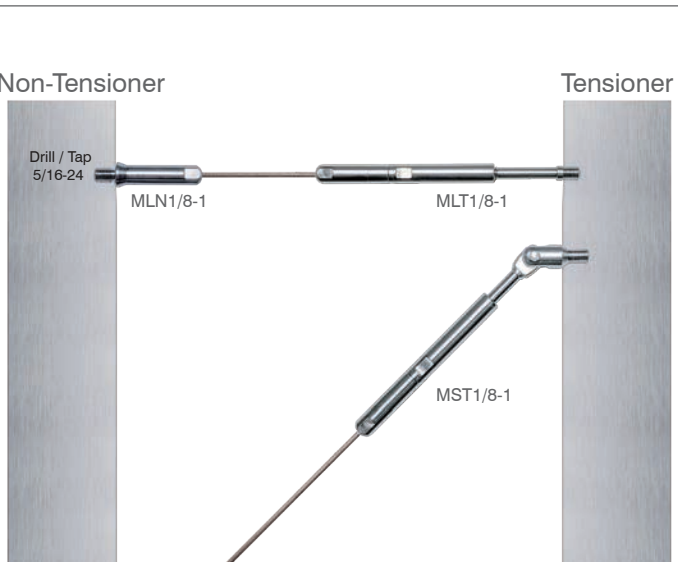


Surface-mount configuration

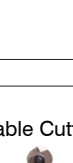
For use with 1/8" cable

COD.	Description	Wt.
MLN1/8-1	Metal Level Non Tensioner	.04 kgs (.087 lbs)
MLN1/8-10	Metal Level Non Tensioner(10 pack)	.29 kgs (.638lbs)
MLT1/8-1	Metal Level Tensioner	.07 kgs (.158 lbs)
MLT1/8-10	Metal Level Tensioner(10 pack)	.61 kgs (1.349 lbs)
MSN1/8-1	Metal Stair Non Tensioner	.05 kgs (.118 lbs)
MSN1/8-10	Metal Stair Non Tensioner(10 pack)	.6 kgs (1.349 lbs)
MST1/8-1	Metal Stair Tensioner	.09 kgs (.202 lbs)
MST1/8-10	Metal Stair Tensioner(10 pack)	.81 kgs (1.793 lbs)

Inside to inside Level/balcony or angle/stair Metal posts

Drill Kit **AX00.070.650** **AX00.070.645** Page 74

Cable Cutter



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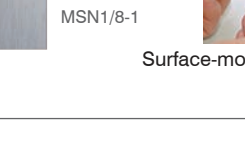
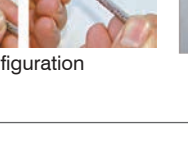




AISI 316

COD.	Description	Wt.
UTCABLE100-4	100' coil - 1/8" 1X19 type 316 S/S cable	2.07 kgs (4.56 lbs)
UTCABLE500-4	500' spool - 1/8" 1X19 type 316 S/S cable	10.02 kgs (22.1 lbs)

1x19 Cable(1/8" 316)

MINIMUM BREAKING STRENGTH - Cable Diameter 1/8" = 1,780 lbs.
1X19 STRAND TYPE 316 STAINLESS STEEL CABLE

Through-post configuration

For use with 4mm cable

COD.	G	mm	L1	L2	L3	D	A	kg/100
AX00.050.221SX.B.SP	M6	4.0	88.0	30.0	50.0	7.0	4.5	1.2

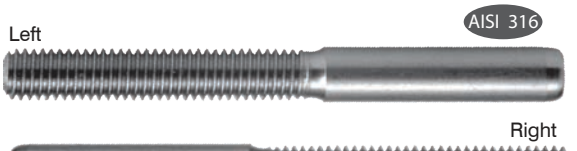
Left handed cable terminal stud (SX)

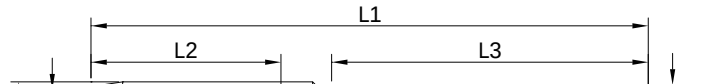
AX00.050.220DX.B.SP	M6	4.0	88.0	30.0	50.0	7.0	4.5	1.2

Right handed cable terminal stud (DX)

AISI 316

Weight:
.016 kgs (.035 lbs)





Hydraulic crimper

Page 72

Cable Cutter

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Drill Kit **AX00.070.610**
Page 74

COD.	NV	G	kg/100	
AX00.050.233SX.B.SP	12	M6	0.9	LEFT
AX00.050.232DX.B.SP	12	M6	0.9	RIGHT

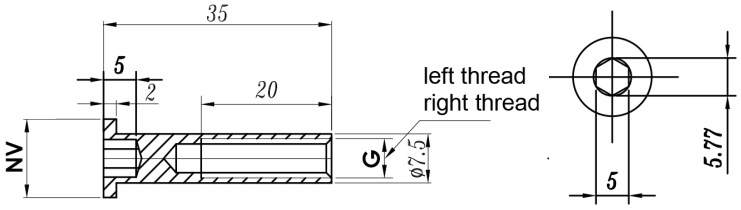
Threaded allen head cap tensioners

Weight:
.006 kgs (.013 lbs)

Drill Kit **AX00.070.610**
Page 74

AISI 316

For use with 4mm cable

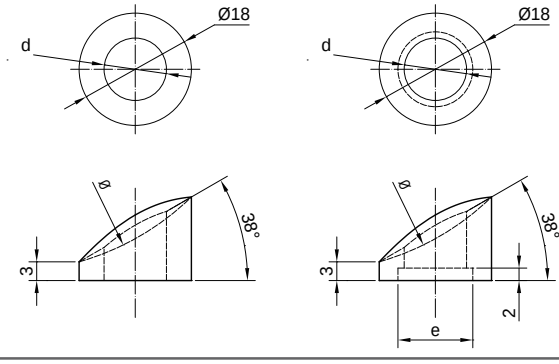


AISI 316

COD.	d	Ø	e	
AX20.060.245.B.SP	12 mm	42.4 mm	14 mm	FLAT

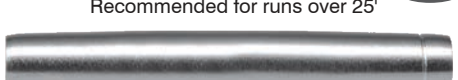
Sloping washer

Weight:
.006 kgs (.013 lbs)



AISI 316

Recommended for runs over 25'

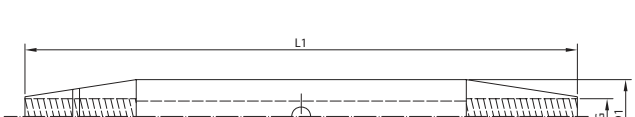


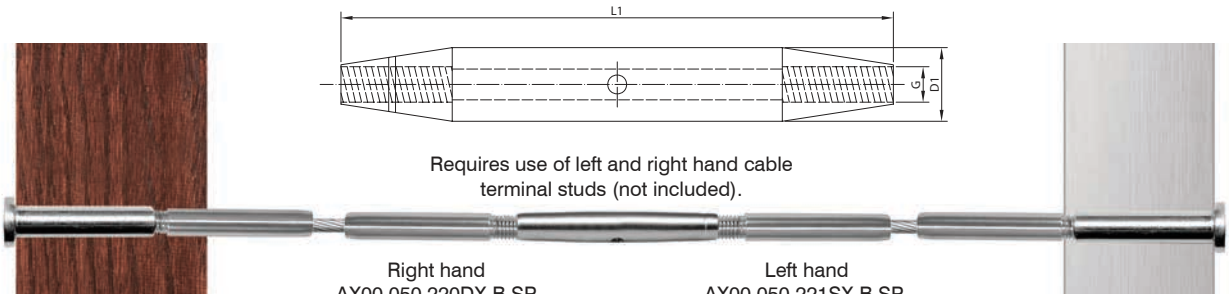
For use with 4mm cable

COD.	G	L1	D1	kg/100
AX00.050.235.B.SP	M6	65.0	10.0	1.7

Middle-tensioning body

Weight:
.025 kgs (.055 lbs)



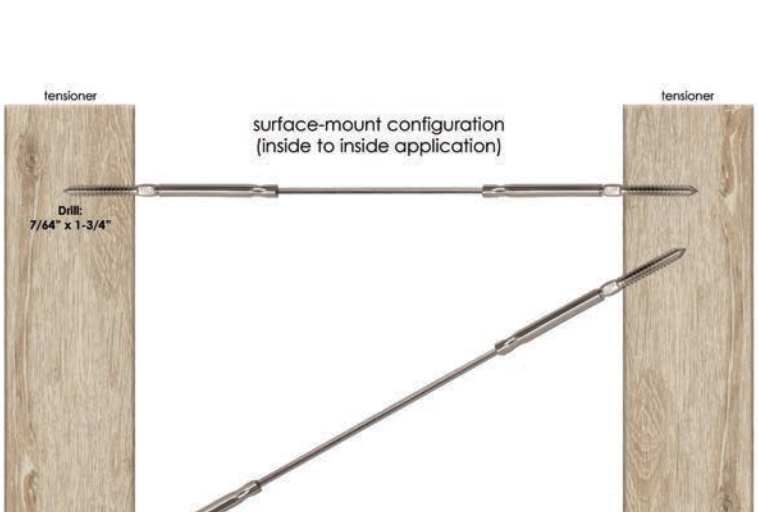


Requires use of left and right hand cable terminal studs (not included).

Right hand
AX00.050.220DX.B.SP

Left hand
AX00.050.221SX.B.SP

Through-post configuration



AISI 316

COD.	
AX00.050.224.B.SP	Left Hand

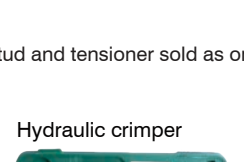
Inside to inside
Level/balcony or angle/stair
Wood posts

Weight:
.018 kgs (.04 lbs)

COD.	
AX00.050.225.B.SP	Right Hand

Threaded stud and tensioner sold as one unit

Hydraulic crimper



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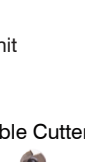
Cable Cutter



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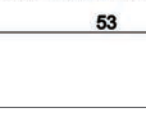
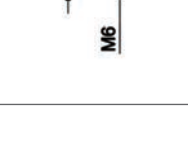
AISI 316





Available in 328' spool

COD.	Description
AX00.040.215.B.M	328' Spool - 4 mm 1X19 type 316 S/S cable

1x19 Cable - Bulk(4MM 316)

Weight:
8.5 kgs (18.73 lbs)

Through-post configuration

AXIA STAIR & RAILING SYSTEMS | BLACK **Available Fall 2023**

For use with 1/8" cable

COD.		Weight:
AX00.050.240.B.STB-L	Left hand	.018 kgs (.04 lbs)
AX00.050.240.B.STB-R	Right hand	

Threaded allen cap tensioner with cable terminal stud

AISI 316

Threaded stud and tensioner sold as one unit

Hydraulic crimper

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Cable Cutter

Page 71

Drill Kit **AX00.070.610**
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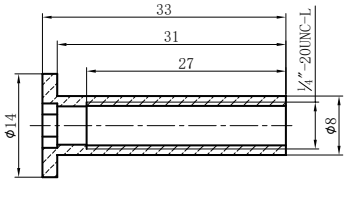
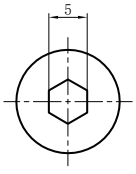
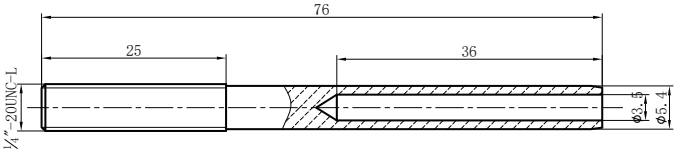
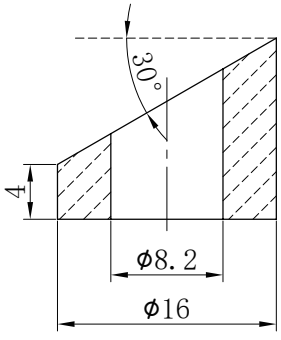








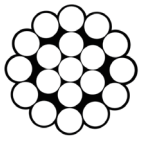
AISI 316

COD.	d	Ø	e
AX20.060.245.B.STB	12 mm	42.4 mm	14 mm FLAT

Sloping washer

Weight:
.006 kgs (.013 lbs)

AISI 316



Available in 100' or 500' spool

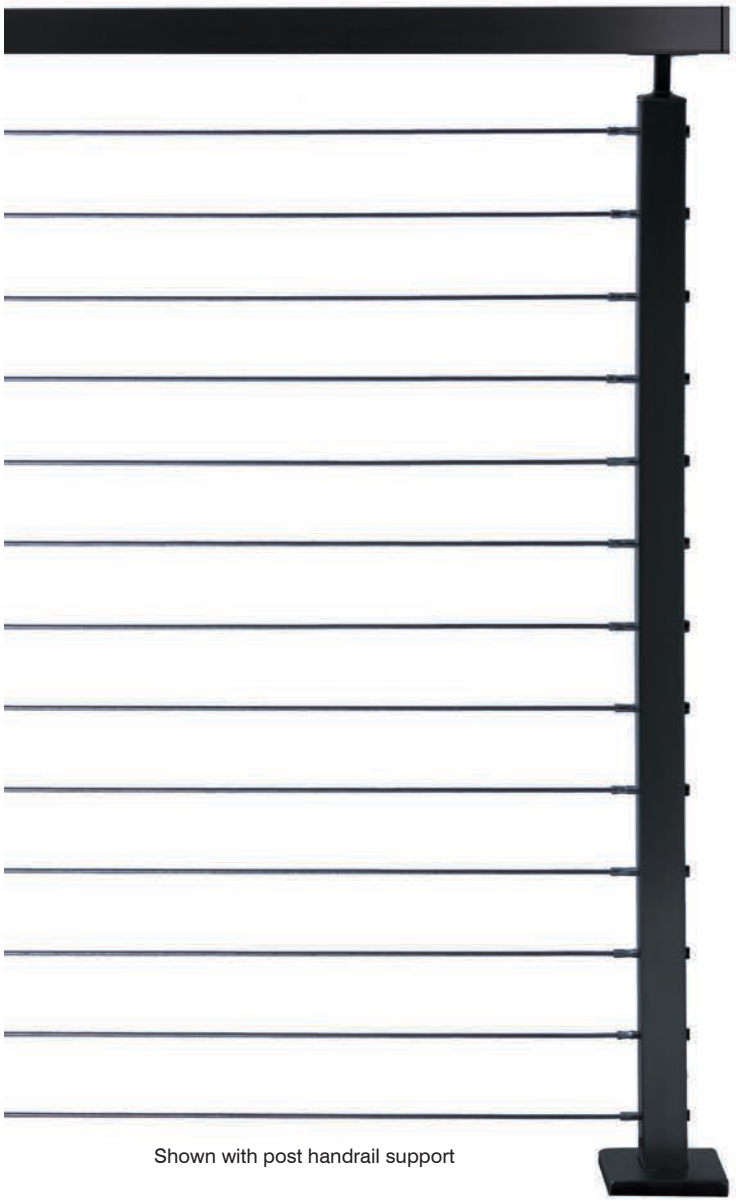
COD.	Description
AX00.040.100.B.STB	100' Spool - 1/8" mm 1X19 type 316 S/S cable
AX00.040.500.B.STB	500' Spool - 1/8" mm 1X19 type 316 S/S cable

1x19 Cable - Bulk(1/8" - 316 - BLACK)

Weight:
8.5 kgs (18.73 lbs)

Disclaimer: Black finish is achieved through electrolytic blackening for maxium durability

AXIA® STAIR & RAILING SYSTEMS | BLACK

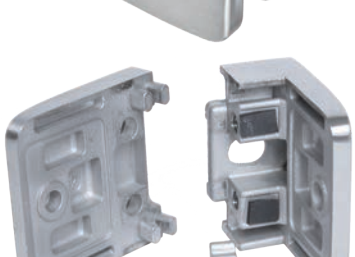


Shown with post handrail support

Shown with post handrail fittings

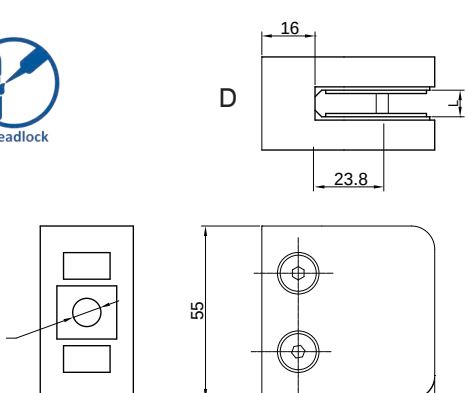
AXIA® | BLACK
STAIR & RAILING SYSTEMS

Threadlock



Swift plate and safety pin included

Note: Safety pin or swift plate can be used to support glass.



Note: All glass on stairways and balconies are considered a hazardous location and requires the use of tempered glass.

Note: Refer to page 16 for installation information

COD.	D	L
AX20.014.190.A.SP	flat	10 - 12.76 mm

Glass clamps for flat posts

Weight:
.328 kgs (.727 lbs)

Rubber inserts not included
Available for 3/8" & 1/2" monolithic glass

COD.	D	L
AX20.014.190.A.STB	flat	10 - 12.76 mm

Glass clamps for flat posts- Black

Zinc Alloy

Rubber inserts included
for 3/8" & 1/2" monolithic glass

AXIA BLACK
STAIR & RAILING SYSTEMS

Quick# **255X, 830X** Page 72

1 per location

sold in pairs

COD.	T
AX20.014.191.R	10 mm for 3/8" glass
AX20.014.192.R	12 mm for 1/2" glass

Glass clamp inserts

T - indicates glass thickness

Weight:
.009 kgs (.02 lbs)

Threadlock

COD.	Size	ØD
AX00.090.266.A.SP	M5	6.9 mm
AX00.090.267.A.SP	M6	8.9 mm
AX00.090.269.A.SP	M8	10.9 mm

Pop rivets - threaded inserts

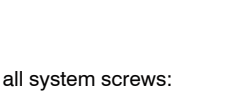
Weight:
.0018 kgs (.004 lbs)
.0027 kgs (.006 lbs)
.0045 kgs (.01 lbs)

Provides stronger connection for all system screws: handrail, bar holders and glass clamps
No tapping Required

Quick# **250X, 255X, 260X** Page 72

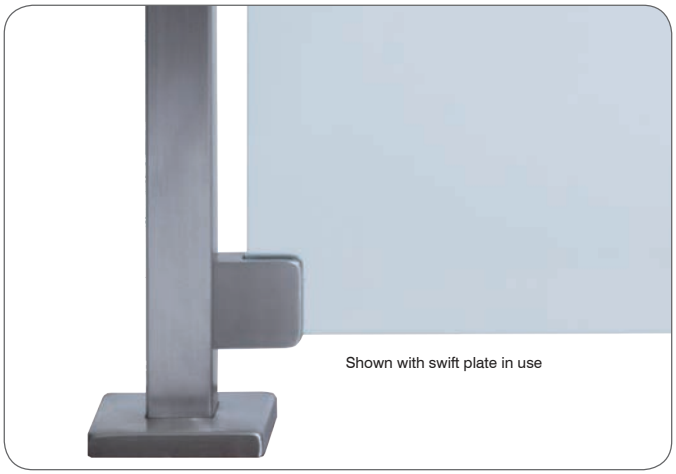
Sold individually

Pop rivet tool



Page 72

Shown without swift plate in use



Shown with swift plate in use

COD.	Ø	ØBase
AX20.001.010.A.SP	40 x 40 x 2 mm	100 x 100 mm
AX20.001.010.A.STB	40 x 40 x 2 mm	100 x 100 mm

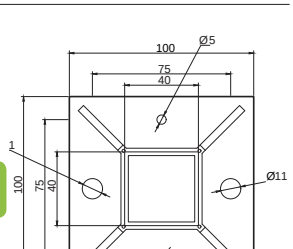
Black

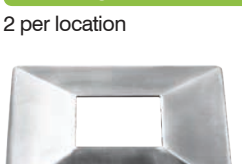
Square post

Weight:
3.03 kgs (6.66 lbs)

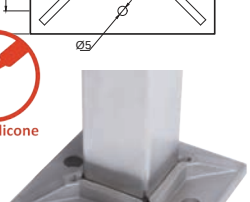
Quick# **800X, 805X**
Page 72

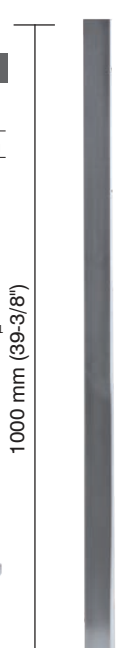
2 per location





Flange cover included





AXIA | BLACK
STAIR & RAILING SYSTEMS

COD.	H	Ø	Wt.
RO-4000	54"	3-1/4" x 3-1/4"	6.8 kgs (15 lbs)
RO-4923-41	41"	1-3/4" x 1-3/4"	.907 kgs (2 lbs)

Wood posts

S-9403, S-9401
Page 74

1 per location

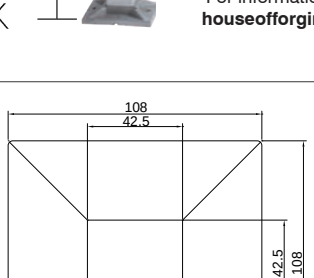
COD.	H	Ø	Wt.
SQUARE-CAP-4000	2"	3-1/4" x 3-1/4"	.261 kgs (.57 lbs)

Post cap

Red Oak

For information on cutting stainless steel
houseofforgings.net/axia-install-guides

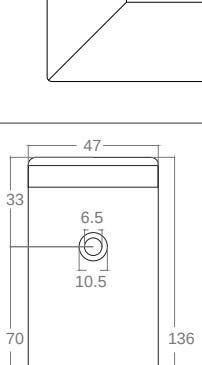
Red Oak



COD.	Ø	D
AX20.003.012.A.SP	105 mm	42.5 x 42.5 mm
AX20.003.012.A.STB	105 mm	Black

Replacement flange cover

Weight:
.147 kgs (.323 lbs)



COD.	Ø
AX20.001.011.A.SP	40 x 40 x 2 mm

Wall mount

Weight:
.727 kgs (1.6 lbs)

Quick# **900X, 905X**
Page 72

2 per location

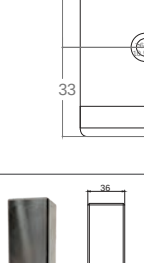
Note: Use square tube handrail for post (Page 42)
AX20.004.071.3000.A.SP
AX20.004.070.5800.A.SP

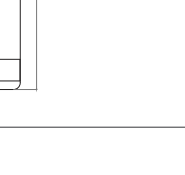
COD.	Ø
AX20.001.013.D.M	40 x 40 x 2 mm

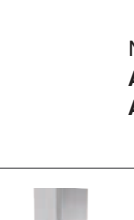
Core mount

Weight:
.615 kgs (1.35 lbs)

For installation guidelines
see page 18.





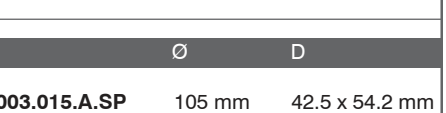


up to 40 degrees

COD.	Ø	D
AX20.003.015.A.SP	105 mm	42.5 x 54.2 mm
AX20.003.015.A.STB	105 mm	Black

Angled flange cover - core mount

Weight:
2.36 kgs (5.2 lbs)



COD.	A	B
AX20.005.030.A.SP	flat	40 x 40 x 2 mm

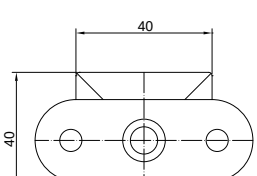
Post handrail support

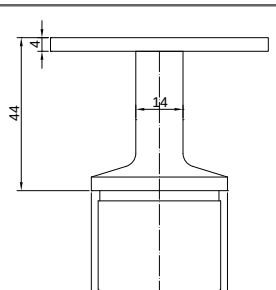
Weight:
.235 kgs (.517 lbs)

Quick# **250X, 540X** Page 72

Option: Use M5 pop rivets to attach handrail AX00.090.266.A.SP

2 per location





COD.	A	B
AX20.005.031.A.SP	flat	40 x 40 x 2 mm
AX20.005.031.A.STB	flat	40 x 40 x 2 mm
Black		

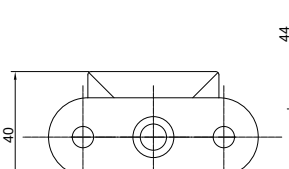
Adjustable post handrail support

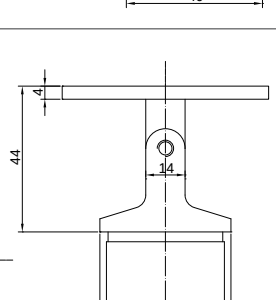
Weight:
.202 kgs (.444 lbs)

Quick# **250X, 540X** Page 72

Option: Use M5 pop rivets to attach handrail AX00.090.266.A.SP

2 per location





AXIA | BLACK

COD.	A	B
HF17.4001	flat	38 x 38 x 2 mm
HFSTB17.4001	flat	38 x 38 x 2 mm
Black		

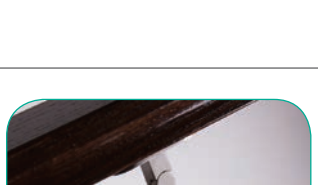
Adjustable wood post handrail support

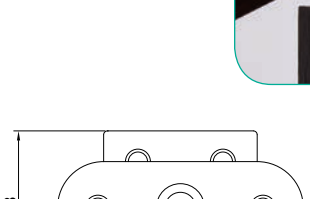
Weight:
.181 kgs (.4 lbs)

Quick# **250X, 540X** Page 72

2 per location

Option: Use M5 pop rivets to attach handrail AX00.090.266.A.SP





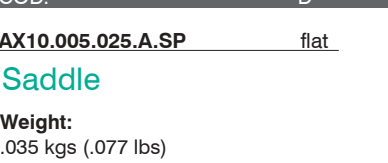
AXIA | BLACK

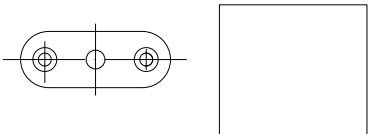
wood hardware included
no threadlock required for wood rail

COD.	D
AX10.005.025.A.SP	flat

Saddle

Weight:
.035 kgs (.077 lbs)





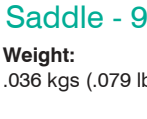
Quick# **250X, 540X** Page 72

2 per location

COD.	D
AX20.005.032.A.SP	flat

Saddle - 90 degree

Weight:
.036 kgs (.079 lbs)



Quick# **250X, 540X** Page 72

2 per location

COD.	Ø	L	Wt.
AX20.004.071.3000.A.SP	40 x 40 x 2 mm	3000 mm (9'-10")	7.5 kgs (16.5 lbs)
AX20.004.070.5800.A.SP	40 x 40 x 2 mm	5800 mm (19')	14.5 kgs (31.9 lbs)
AX20.004.070.3000.A.STB	40 x 40 x 2 mm	3000 mm (9'-10")	7.5 kgs (16.5 lbs)
AX20.004.070.5800.A.STB	40 x 40 x 2 mm	5800 mm (19')	14.5 kgs (31.9 lbs)

Black

Square tube handrail/post

For information on cutting stainless steel
houseofforgings.net/axia-install-guides

AXIA STAIR & RAILING SYSTEMS | BLACK

COD.	Ø	L	Wt.
RO-6084-20	2-5/8" x 1-5/8"	20'	13.61 kgs (30 lbs)
RO-6084-18	2-5/8" x 1-5/8"	18'	12.25 kgs (27 lbs)
RO-6084-16	2-5/8" x 1-5/8"	16'	10.89 kgs (24 lbs)
RO-6084-14	2-5/8" x 1-5/8"	14'	9.53 kgs (21 lbs)
RO-6084-12	2-5/8" x 1-5/8"	12'	8.16 kgs (18 lbs)
RO-6084-10	2-5/8" x 1-5/8"	10'	6.8 kgs (15 lbs)
RO-6084-8	2-5/8" x 1-5/8"	8'	5.44 kgs (12 lbs)
RO-6084-6	2-5/8" x 1-5/8"	6'	4.08 kgs (9 lbs)
RO-6084-4	2-5/8" x 1-5/8"	4'	2.72 kgs (6 lbs)
RO-6284-16	2-1/4" x 2-3/8"	16'	10.89 kgs (24 lbs)
RO-6284-8	2-1/4" x 2-3/8"	8'	5.44 kgs (12 lbs)
RO-6484-16	2-1/4" x 2-1/4"	16'	10.89 kgs (24 lbs)
RO-6484-8	2-1/4" x 2-1/4"	8'	5.44 kgs (12 lbs)
RO-6002-20	2-5/8" x 1-5/8"	20'	13.61 kgs (30 lbs)
RO-6002-16	2-5/8" x 1-5/8"	16'	10.89 kgs (24 lbs)
RO-6002-8	2-5/8" x 1-5/8"	8'	5.44 kgs (12 lbs)
RO-6060-16	2" x 1-1/16"	16'	3.63 kgs (8 lbs)
RO-6060-8	2" x 1-1/16"	8'	1.81 kgs (4 lbs)

Red Oak

6084

6284

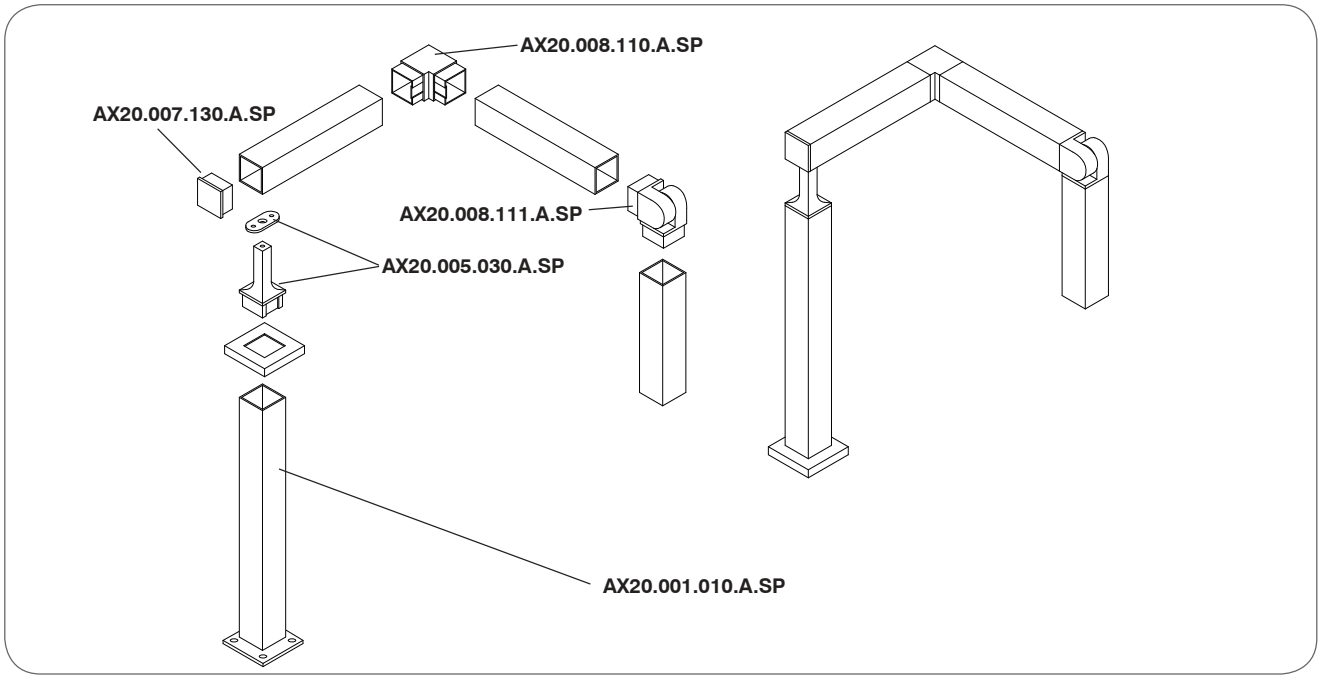
6484

6002

6060

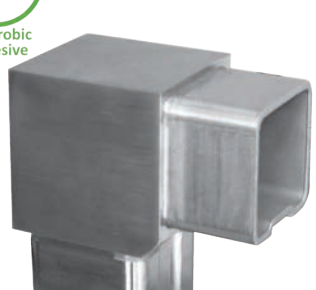
Additional species available

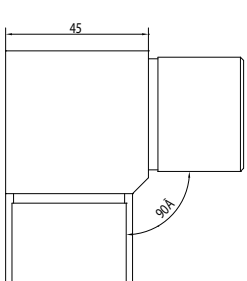
Wood Handrail - Red Oak

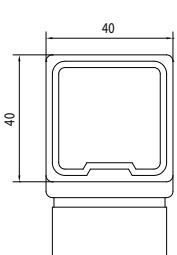


Anaerobic Adhesive

AXIA | BLACK
STAIR & RAILING SYSTEMS







COD.	Ø
AX20.008.110.A.SP	40 x 40 x 2 mm
AX20.008.110.A.STB	40 x 40 x 2 mm

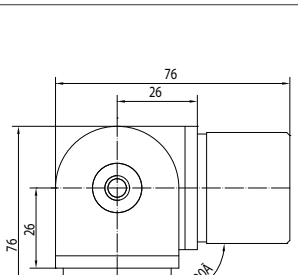
Black

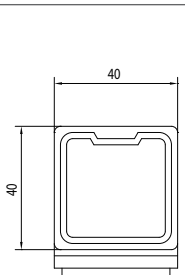
90 Degree elbow

Weight:
.037 kgs (.184 lbs)

Anaerobic Adhesive

AXIA | BLACK
STAIR & RAILING SYSTEMS





COD.	Ø
AX20.008.111.A.SP	40 x 40 x 2 mm
AX20.008.111.A.STB	40 x 40 x 2 mm

Black

Adjustable ± 90 degree elbow

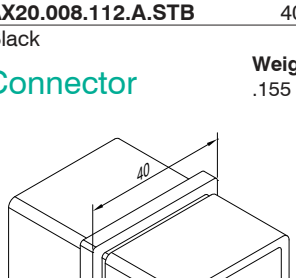
Weight:
.546 kgs (1.2 lbs)

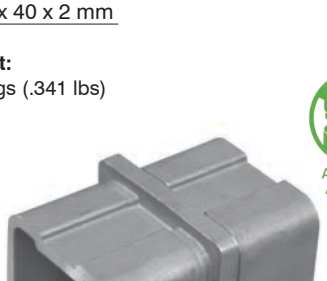
COD.	Ø
AX20.008.112.A.SP	40 x 40 x 2 mm
AX20.008.112.A.STB	40 x 40 x 2 mm

Black

Connector

Weight:
.155 kgs (.341 lbs)





Anaerobic Adhesive

AXIA | BLACK
STAIR & RAILING SYSTEMS

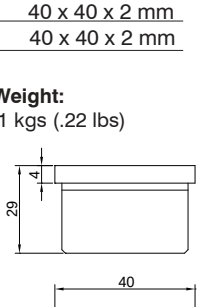
COD.	Ø
AX20.007.130.A.SP	40 x 40 x 2 mm
AX20.007.130.A.STB	40 x 40 x 2 mm

Black

End cap

Weight:
.1 kgs (.22 lbs)

Anaerobic Adhesive



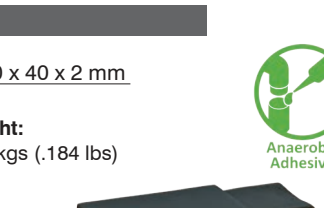
COD.	Ø
AX20.008.113.A.STB	40 x 40 x 2 mm

Black

Tee Connector

Weight:
.037 kgs (.184 lbs)

Anaerobic Adhesive



AXIA | BLACK
STAIR & RAILING SYSTEMS

COD.	Ø
AX20.008.114.A.STB	40 x 40 x 2 mm

Black

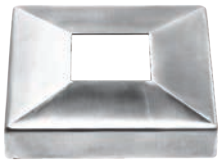
Three way Tee Connector

Weight:
.037 kgs (.184 lbs)

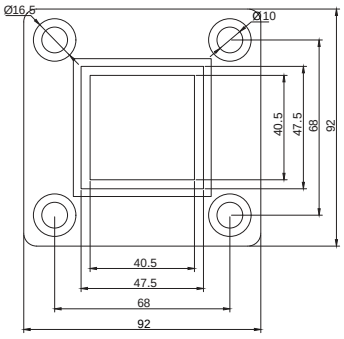
Anaerobic Adhesive

AXIA | BLACK
STAIR & RAILING SYSTEMS

AXIA | BLACK



Flange cover included



COD.	Ø
AX20.008.150.A.SP	40 x 40 x 2 mm
AX20.008.150.A.STB	40 x 40 x 2 mm

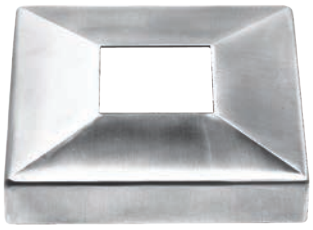
Black

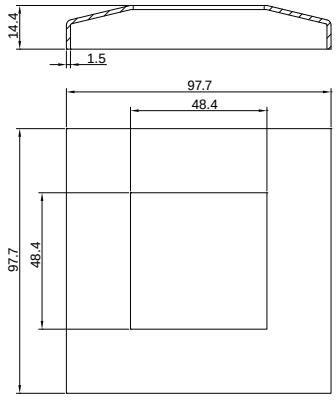
Wall mount flange

Weight:
.578 kgs (1.27 lbs)

Quick# **830X**
Page 72

4 per location



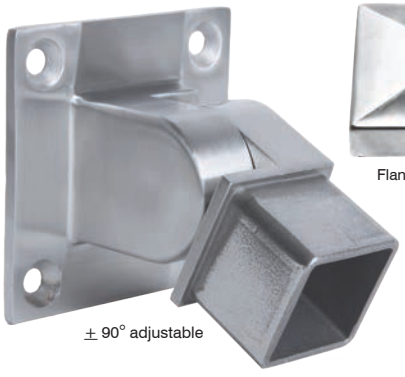


COD.	Ø
AX20.008.151.A.SP	40 x 40 x 2 mm

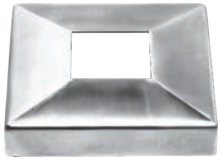
Replacement cover for wall mount flange

Weight:
.108 kgs (.238 lbs)

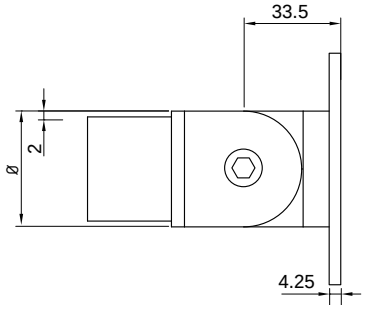
AXIA | BLACK



± 90° adjustable



Flange cover included



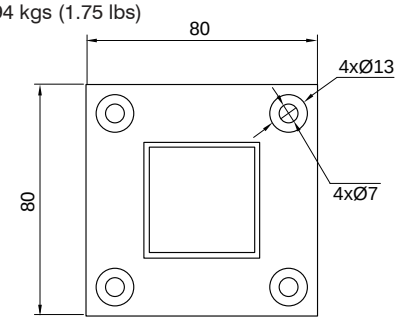
Quick# **830X**
Page 72

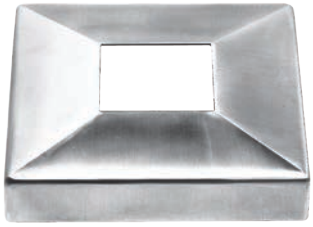
4 per location

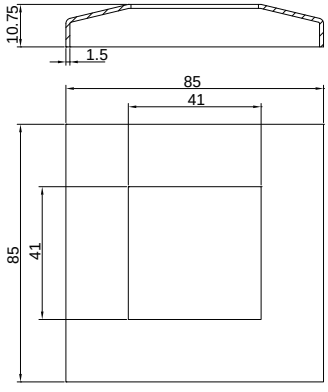
COD.	Ø
AX20.008.152.A.SP	40 x 40 x 2 mm
AX20.008.152.A.STB	40 x 40 x 2 mm

Adjustable wall mount flange

Weight:
.794 kgs (1.75 lbs)







COD.	Ø
AX20.008.153.A.SP	40 x 40 x 2 mm

Replacement cover for adjustable wall mount flange

Weight:
.078 kgs (.172 lbs)

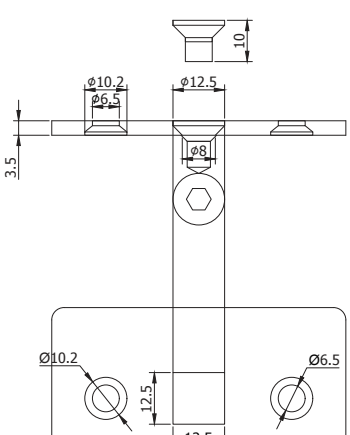
COD.	D
AX20.005.033.A.SP	flat

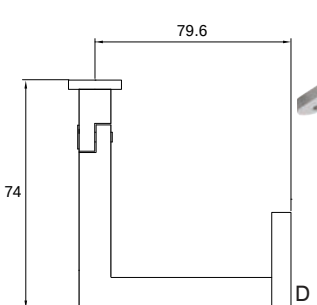
Wall handrail support

Weight:
.328 kgs (.722 lbs)

Quick# **250X, 540X, 855X**
Page 72

2 per location





Threadlock

Anaerobic Adhesive

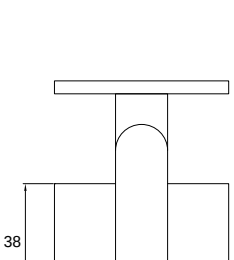
COD.	D
HF17.4002	flat
HFSTB17.4002	flat
Black	

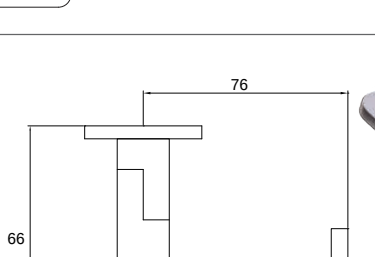
Wall handrail support

Weight:
.328 kgs (.722 lbs)

Quick# **250X, 540X**
Page 72

2 per location





AXIA | BLACK
STAIR & RAILING SYSTEMS

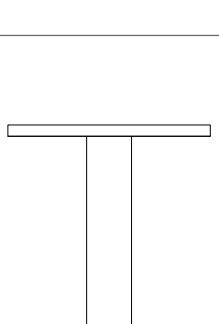
Threadlock

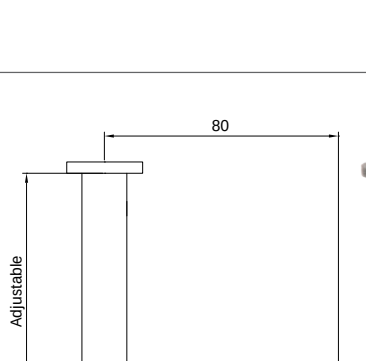
COD.	D
AX20.005.035.A.SP	flat

Post handrail support

Weight:
.375 kgs (.825 lbs)

Quick# **250X** - 2 per location
Quick# **540X** - 2 per location
Quick# **260X** - 1 per location
Page 72





Threadlock

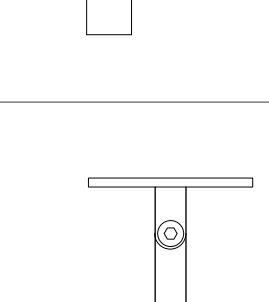
COD.	D
AX20.005.034.A.SP	flat

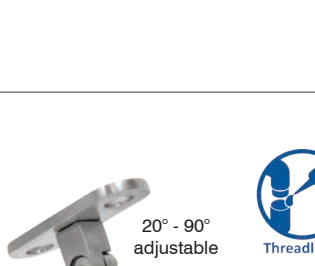
Glass handrail support

Weight:
.623 kgs (1.37 lbs)

Quick# **250X, 540X**
Page 72

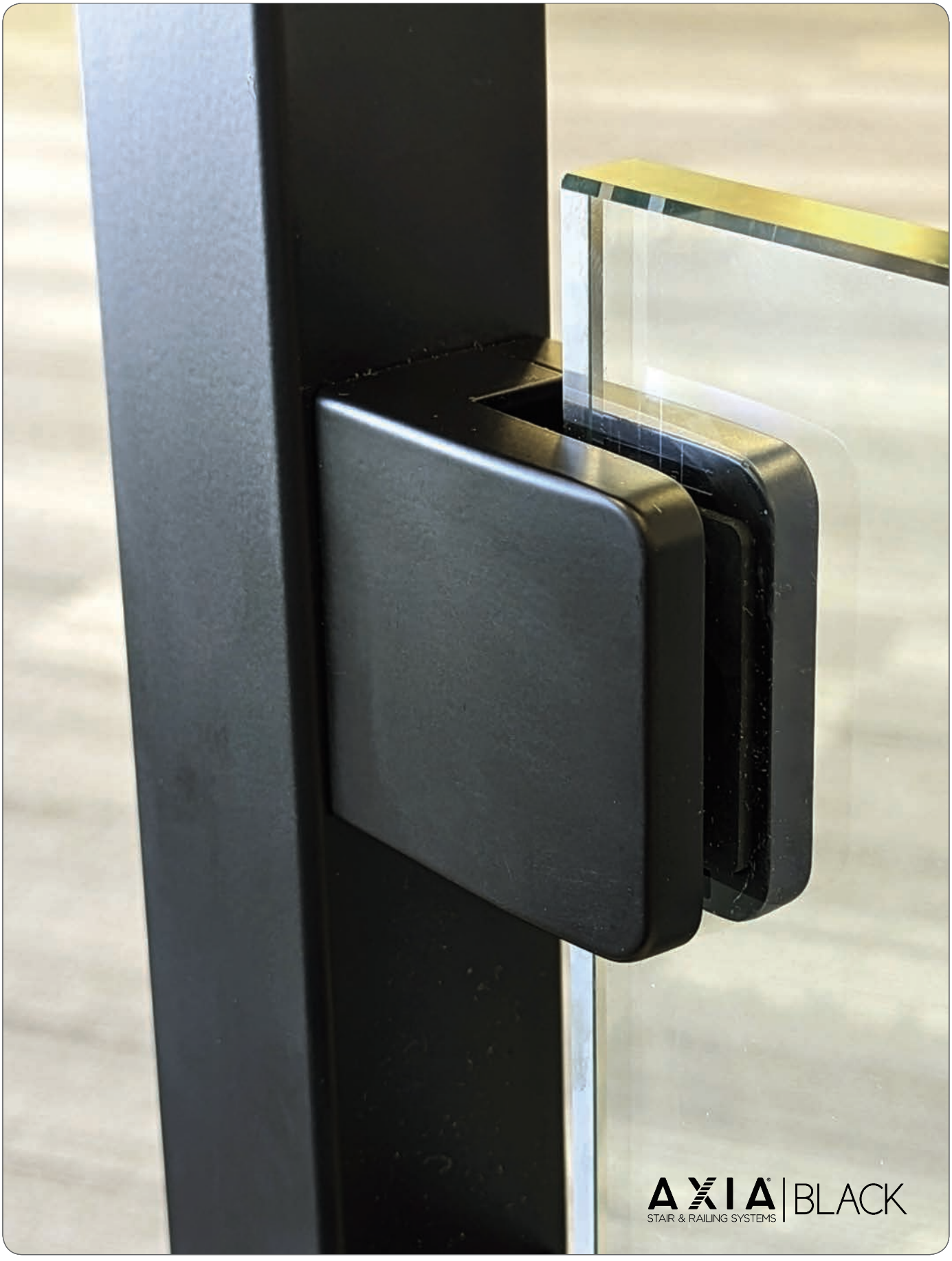
2 per location



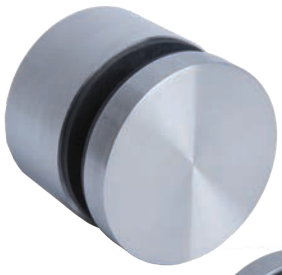


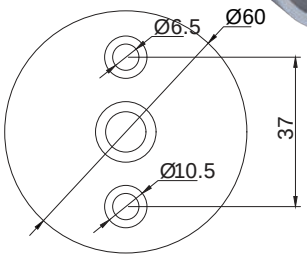
Threadlock

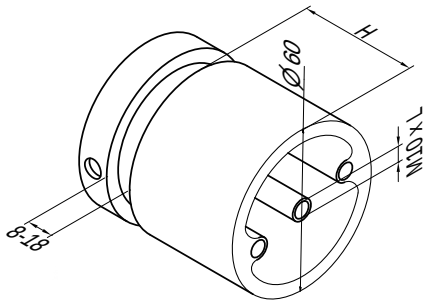
For use with 12-19mm glass

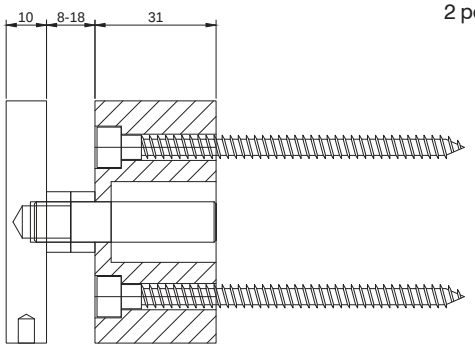

AXIA
STAIR & RAILING SYSTEMS
BLACK

AXIA
STAIR & RAILING SYSTEMS
BLACK









COD.	H	Glass Thickness
AX30.017.040.A.SP	30.1 mm	8-18 mm
AX30.017.040.A.STB	30.1 mm	8-18 mm

Black

Glass standoff - round

Weight:
.543 kgs (1.17 lbs)

Quick# **900X, 905X**
Page 72

2 per location

AX30.070.530

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AXIA STAIR & RAILING SYSTEMS | BLACK

Available Fall 2023

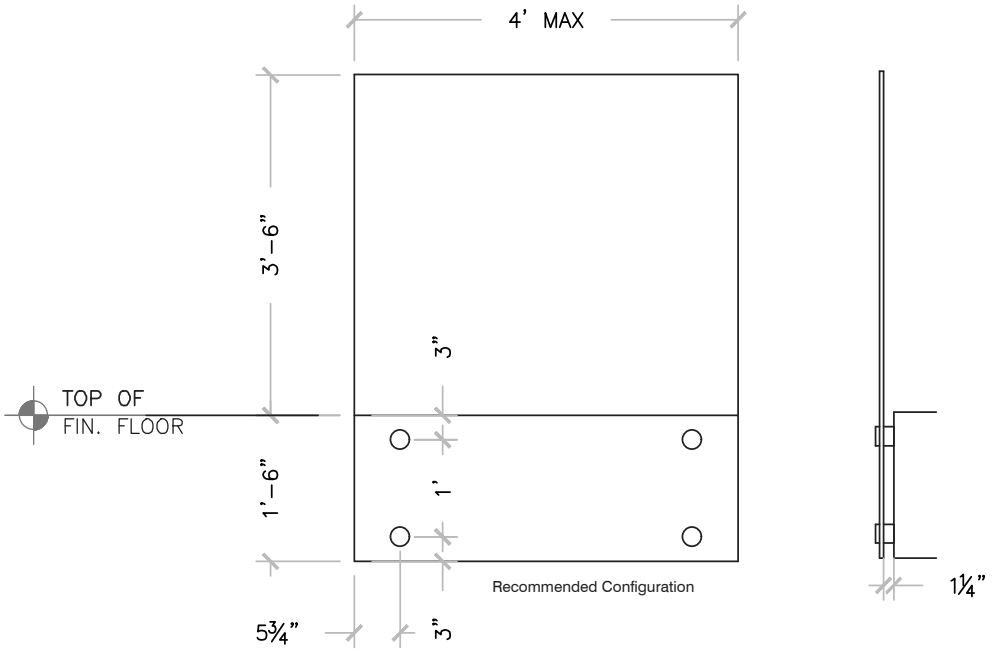
COD.	Thickness
AX30.017.042.F	1.25 mm

Glass leveling shim - round

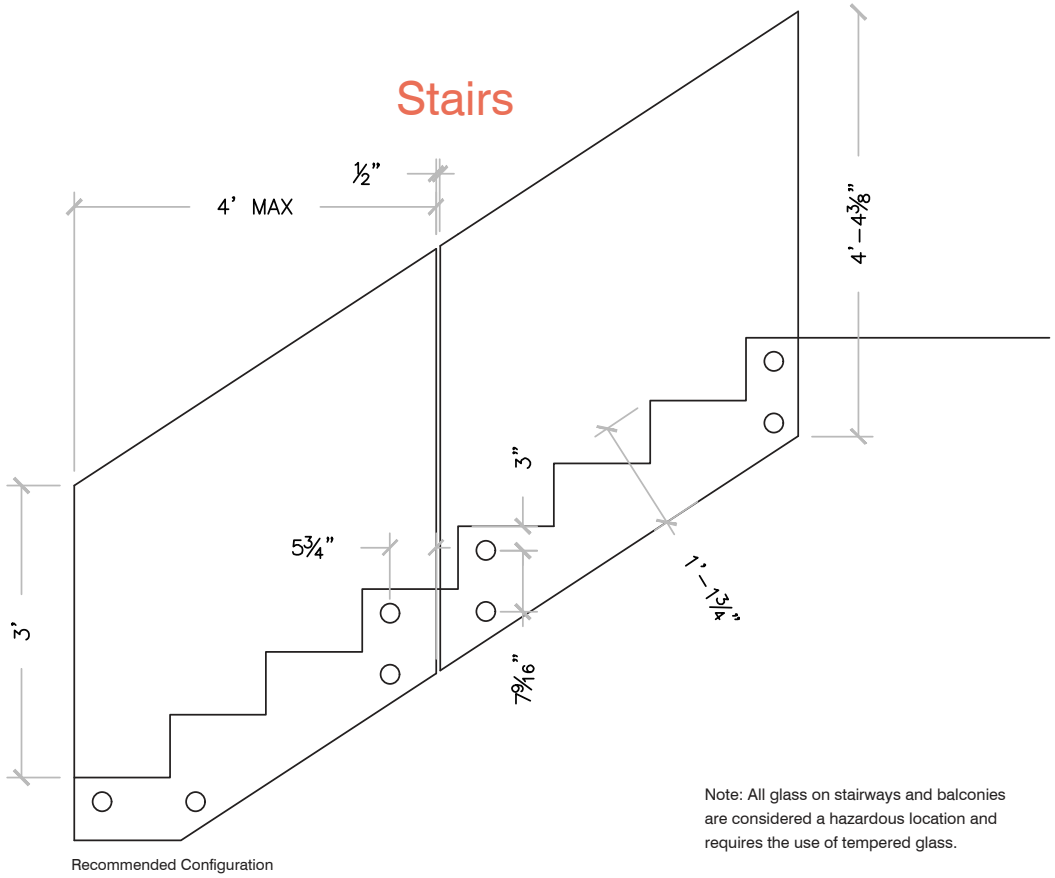
Weight:
.011 kgs (.024 lbs)

Note: Stack shims as needed to make glass plumb/level

Balcony



Stairs

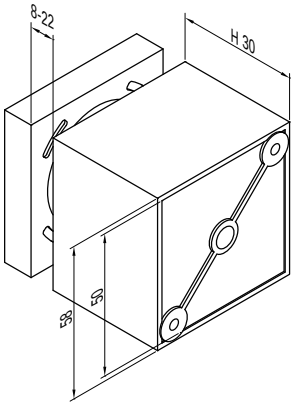


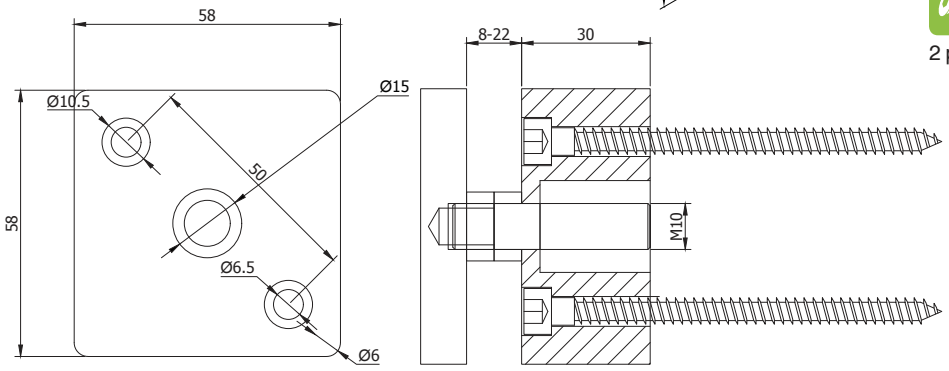
Recommended Configuration

Cap rail required on glass for stairs to meet IRC code and recommended for balconies.
Check your local municipality for requirements

Note: All glass on stairways and balconies are considered a hazardous location and requires the use of tempered glass.

Note: Use flat polished edges on glass with radius or bumped corners when ordering glass from your glass supplier. All railing requires the use of tempered glass.





COD.	H	Glass Thickness
AX30.017.041.A.SP	30 mm	8.76 - 21.52 mm
AX30.017.041.A.STB	30 mm	8.76 - 21.52 mm
Black		

Glass standoff - square

Weight:
.649 kgs (1.43 lbs)

Quick# **900X, 905X**
Page 72

2 per location

AX30.070.531

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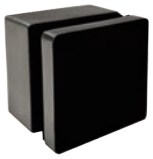


AXIA | BLACK
STAIR & RAILING SYSTEMS

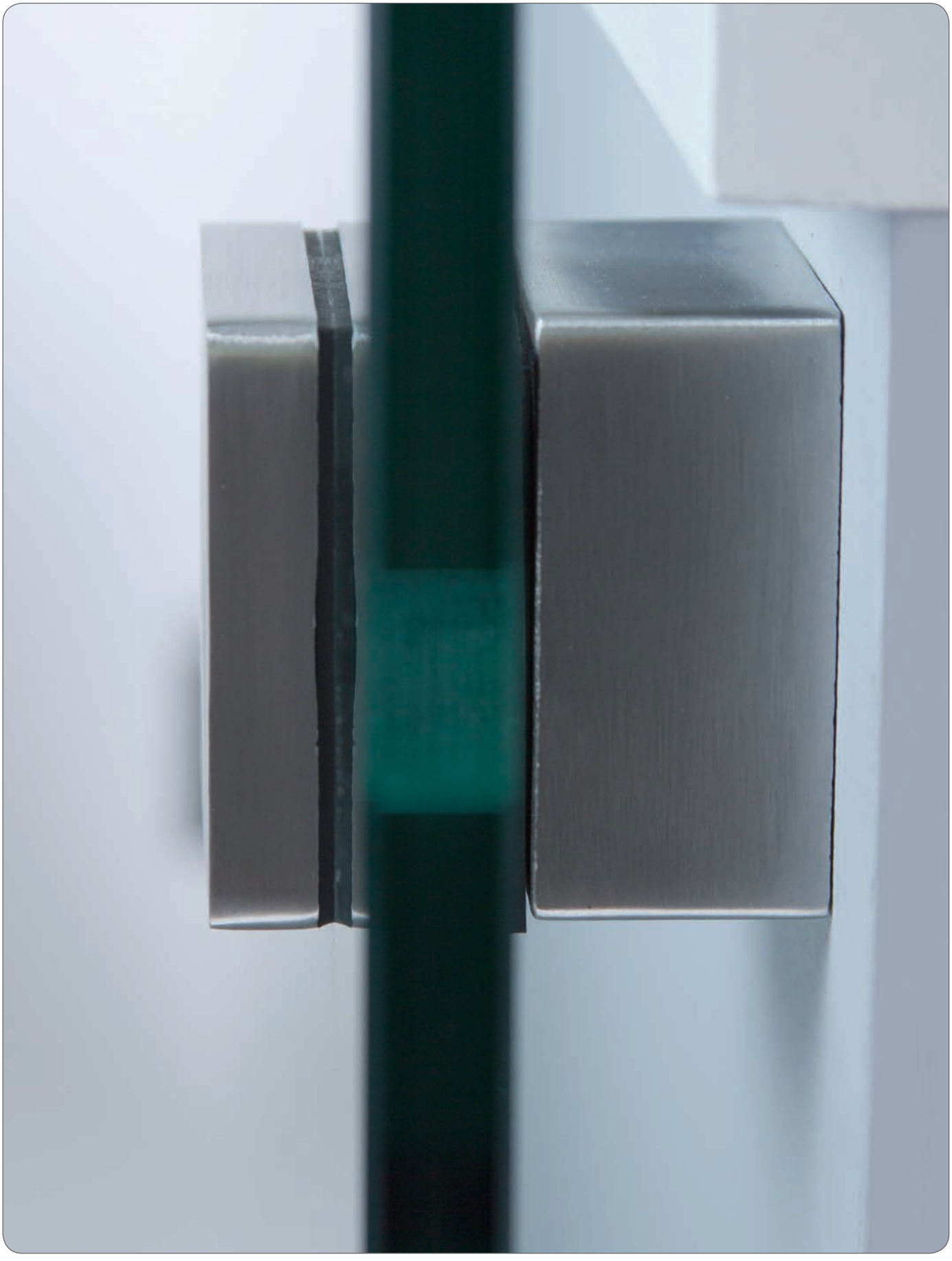
Available Fall 2023

COD.	Thickness
AX30.017.043.F	1.25 mm

Glass leveling shim - square

Weight:
.013 kgs (.029 lbs)

Note: Stack shims as needed to make glass plumb/level



Floor mount

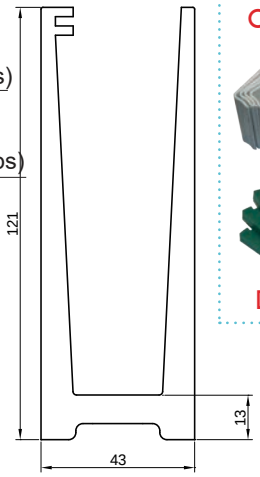
Wall mount

COD.	dim.	L.	Wt.
AX40.020.050.D.M	121 x 43 mm	5000 mm (16'-4")	24.59 kgs (54.78lbs)
Requires 2 glass gasket & wedge kits - Requires 25 anchors			
AX40.020.051.D.M	121 x 43 mm	2500 mm (8'-2")	12.45 kgs (27.39 lbs)
Requires 1 glass gasket & wedge kit - Requires 13 anchors			

Floor mount profile

Quick# **880X, 885X**
Page 72

Satin Aluminum finish



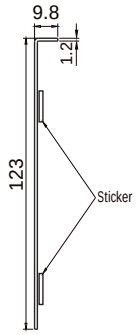
For information on cutting stainless steel
houseofforgings.net/axia-install-guides

For use with up to 3/4" glass. Gasket will only fit 1/2" glass. When using 3/4" glass Bronze Sealant is required to seal U channel to glass.

COD.	dim.	L.	Wt.
AX40.024.279.A.SP	123 mm	2500 mm	3.62 kgs (7.96 lbs)

Stainless steel cladding for floor profile

See recommended tools section
for information on cutting stainless steel.
www.axiarailing.com/recommended-tools



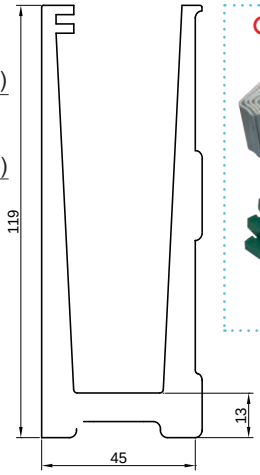
COD.	dim.	L.	Wt.
AX40.020.052.D.M	119 x 45 mm	5000 mm (16'-4")	25.52 kgs (56.14 lbs)
Requires 2 glass gasket & wedge kits - Requires 19 anchors			
AX40.020.053.D.M	119 x 45 mm	2500 mm (8'-2")	12.76 kgs (28.07 lbs)
Requires 1 glass gasket & wedge kit - Requires 10 anchors			

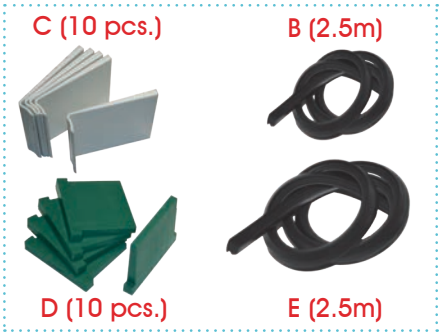
Wall mount profile

Quick# **880X, 885X**
Page 72

AX40.020.055.D.SP
Hole plugs
For use when cladding will not be installed

Satin Aluminum finish





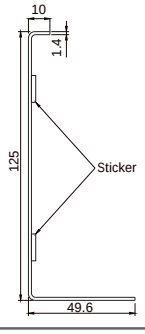
For use with up to 3/4" glass.
Gasket will only fit 1/2" glass.
When using 3/4" glass Bronze Sealant
is required to seal U channel to glass.

For information on cutting stainless steel
houseofforgings.net/axia-install-guides

COD.	dim.	L.	Wt.
AX40.024.280.A.SP	122 mm	2500 mm (8'-2")	3.62 kgs (7.96 lbs)

Stainless steel cladding for wall profile

See recommended tools section
for information on cutting stainless steel.
www.axiarailing.com/recommended-tools



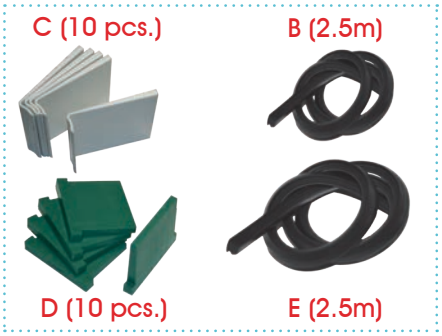
COD.

AX40.021.285.R

Glass gasket & wedge kit

Wedge kits are not included with U Channel
This part is sold separately

Weight:
1.41 kgs (3.11 lbs)



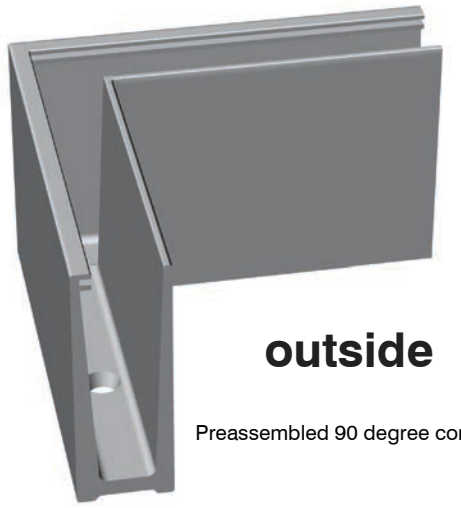
inside

Preassembled 90 degree corner

Floor profile

Quick# **880X, 885X**
Page 72

2 per location



outside

Preassembled 90 degree corner

COD.	dim.	L.
AX40.023.272.D.M	120 x 45 mm	200 mm

Requires 2 anchors

Inside corner for floor profile

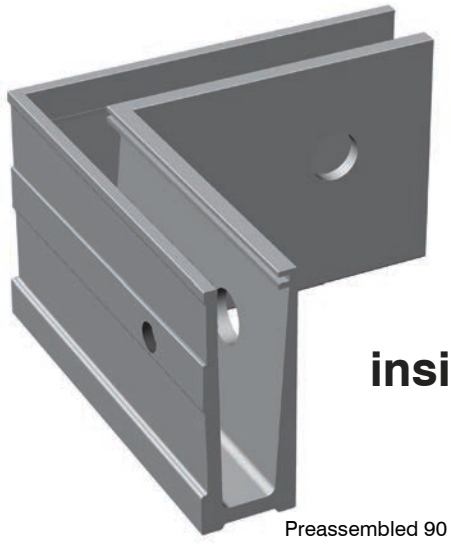
Weight:
1.75 kgs (3.85 lbs)

COD.	dim.	L.
AX40.023.274.D.M	120 x 45 mm	200 mm

Requires 2 anchors

Outside corner for floor profile

Weight:
1.75 kgs (3.85 lbs)



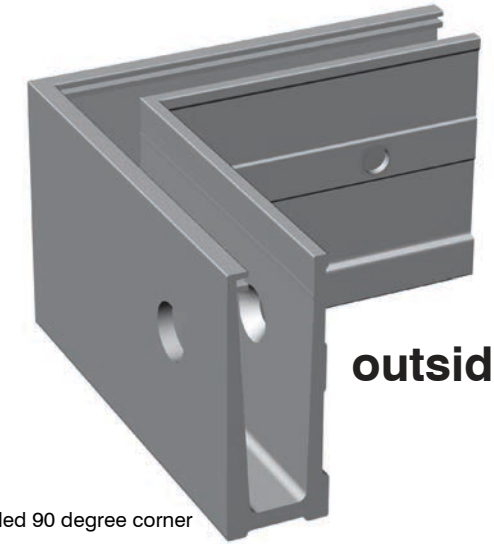
inside

Preassembled 90 degree corner

Wall profile

Quick# **880X, 885X**
Page 72

2 per location



outside

Preassembled 90 degree corner

COD.	dim.	L.
AX40.023.276.D.M	120 x 43 mm	200 mm

Requires 2 anchors

Inside corner for wall profile

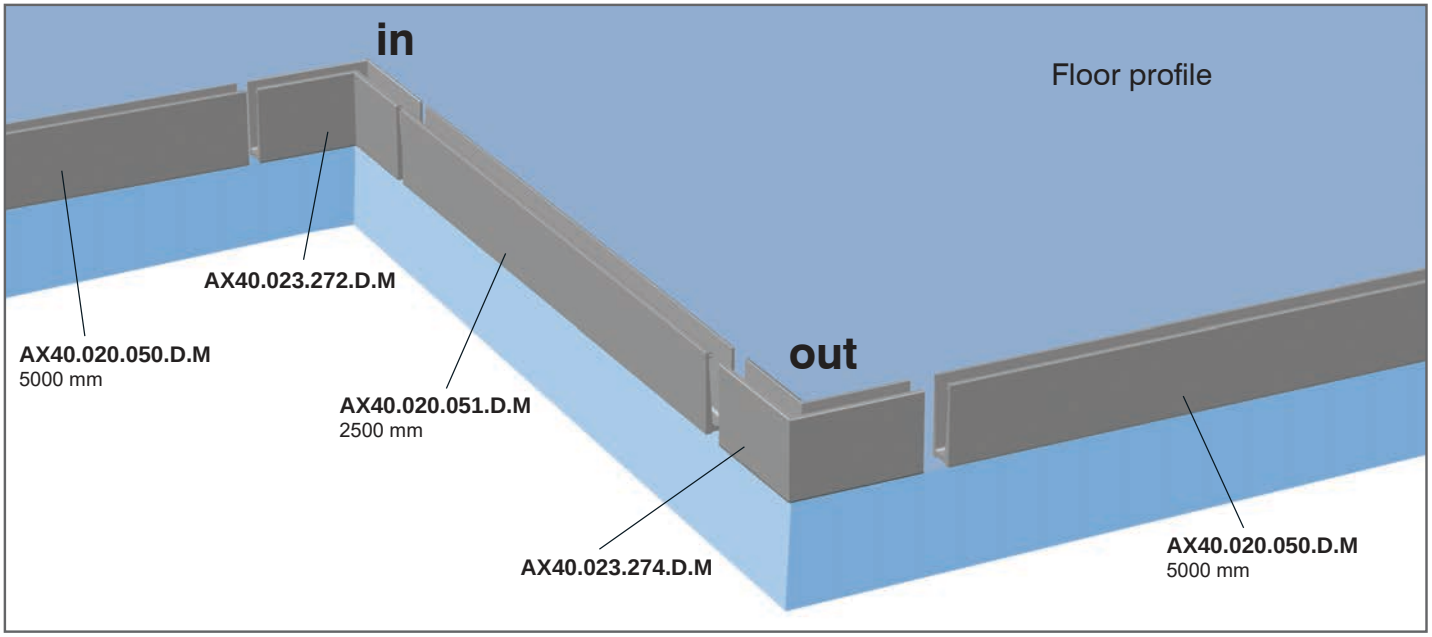
Weight:
1.79 kgs (3.95 lbs)

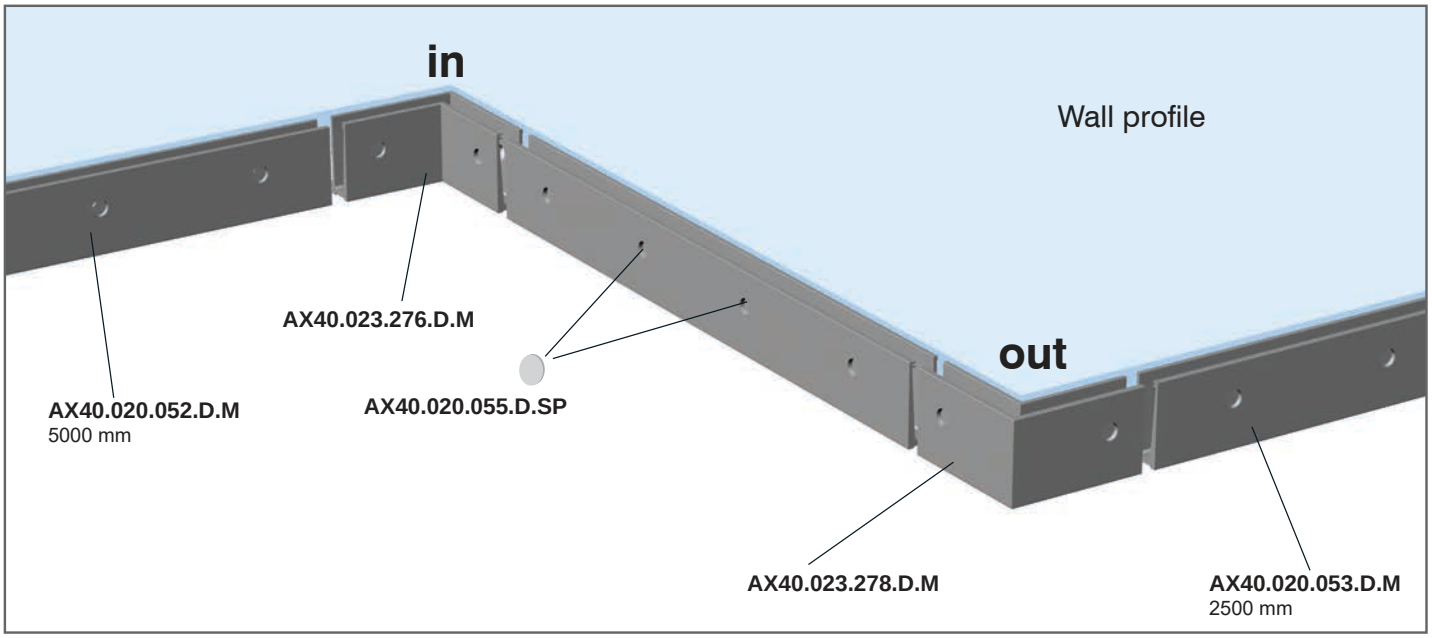
COD.	dim.	L.
AX40.023.278.D.M	120 x 43 mm	200 mm

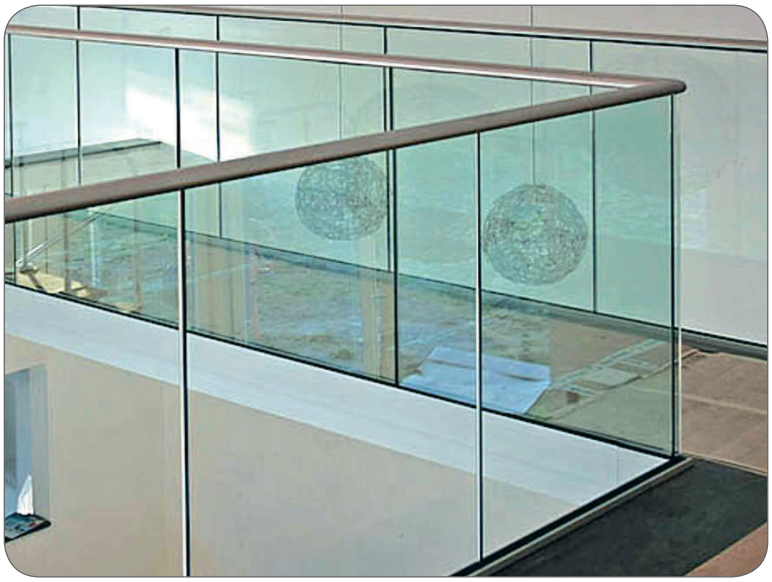
Requires 2 anchors

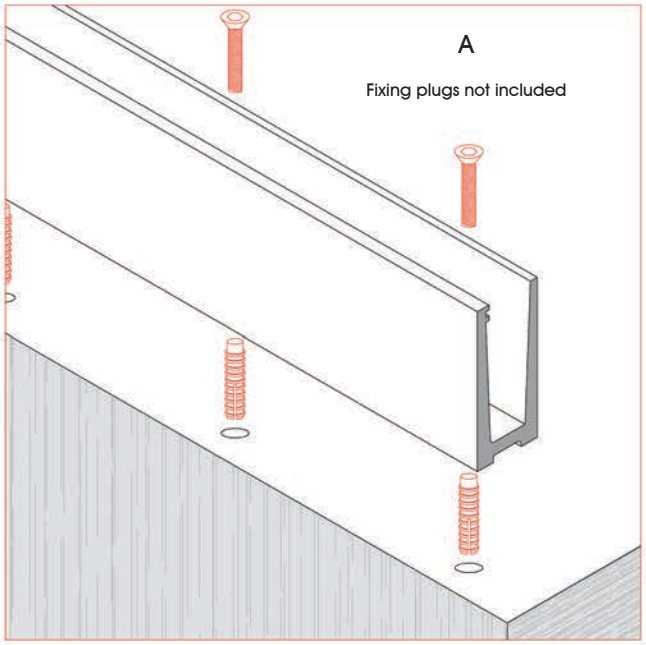
Outside corner for wall profile

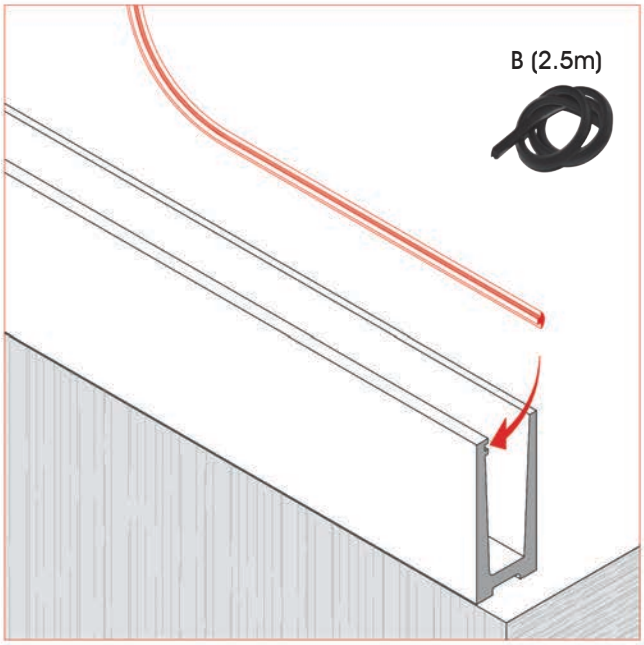
Weight:
1.79 kgs (3.95 lbs)

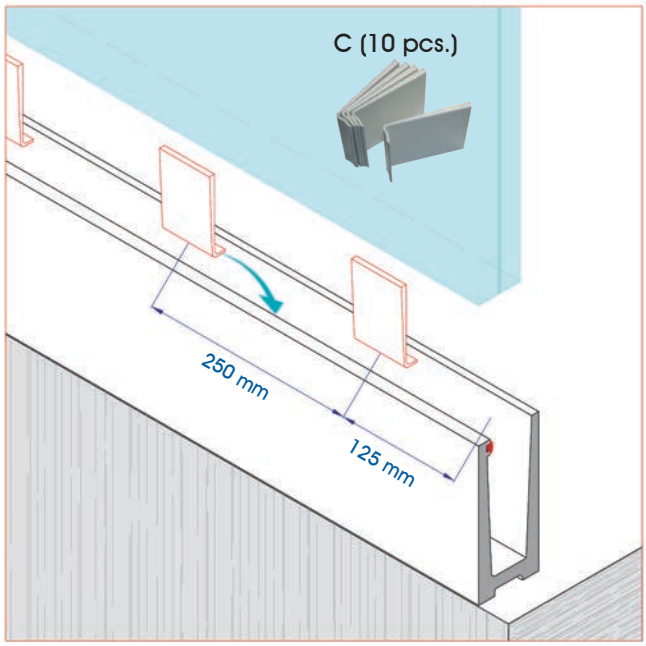

in
Floor profile
AX40.023.272.D.M
AX40.020.050.D.M
5000 mm
out
AX40.020.051.D.M
2500 mm
AX40.023.274.D.M
AX40.020.050.D.M
5000 mm

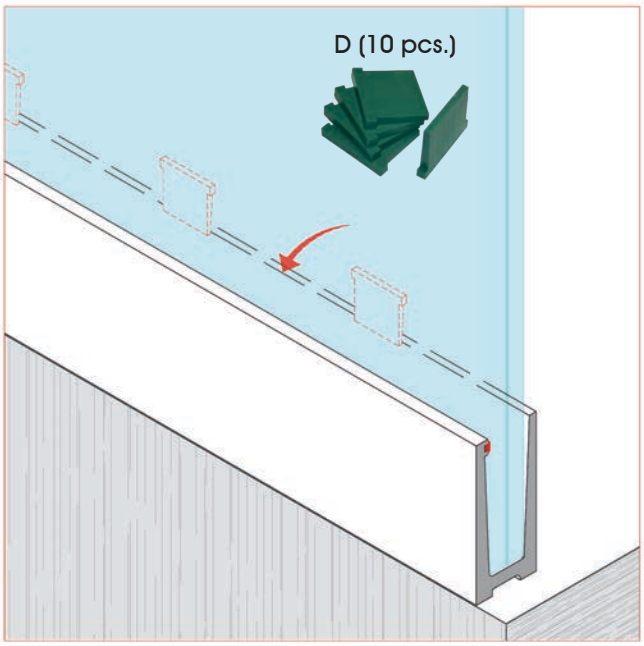

in
Wall profile
AX40.023.276.D.M
out
AX40.020.052.D.M
5000 mm
AX40.020.055.D.SP
AX40.023.278.D.M
AX40.020.053.D.M
2500 mm

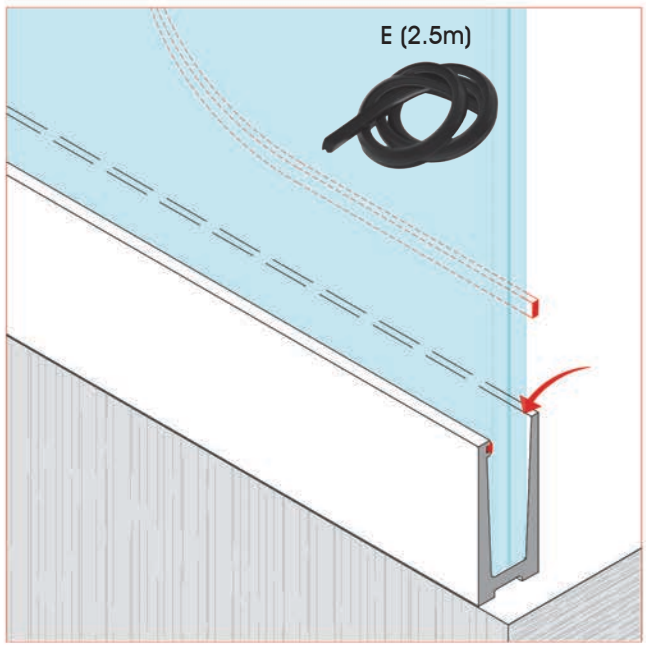


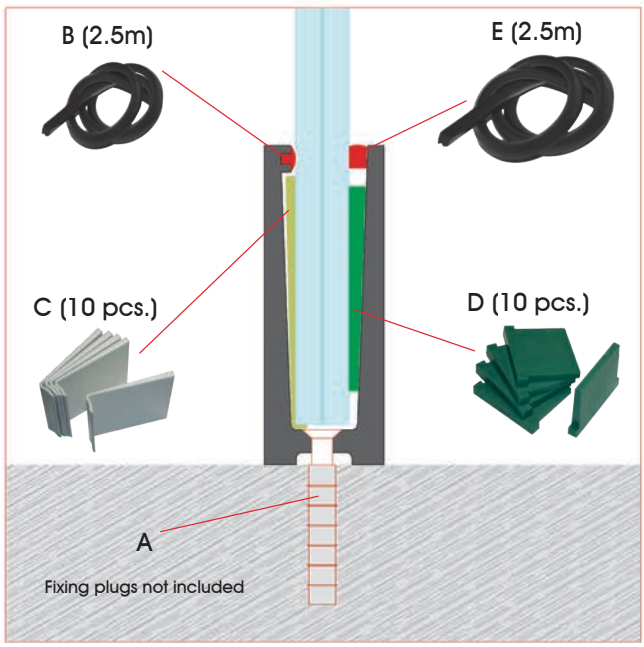

A
Fixing plugs not included


B (2.5m)


C (10 pcs.)
250 mm
125 mm


D (10 pcs.)


E (2.5m)


B (2.5m)
E (2.5m)
C (10 pcs.)
D (10 pcs.)
A
Fixing plugs not included

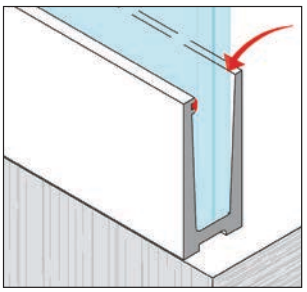
COD.

AX40.020.281.D.SP

End cap - Floor profile - Level/balcony

Weight:
.02 kgs (.044 lbs)

Satin Finish Aluminium



COD.

AX40.020.283.D.SP

End cap - Floor profile - Angle/rake

up to 40 degrees

Weight:
.026 kgs (.057 lbs)

Satin Finish Aluminium

COD.

AX40.020.282.D.SP

End cap - Wall profile - Level/balcony

Weight:
.021 kgs (.046 lbs)

Satin Finish Aluminium

COD.

AX40.020.284.D.SP

End cap - Wall profile - Angle/rake

up to 40 degrees

Weight:
.027 kgs (.059 lbs)

Satin Finish Aluminium

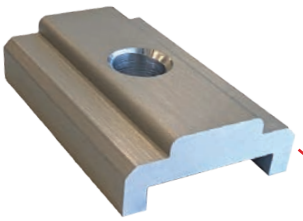
COD.

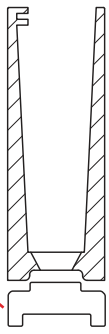
AX40.022.270.D.SP

Drainage spacer

Weight:
.040 kgs (.087 lbs)

For use on exterior balconies.
Use one drainage spacer per hole.
25 per 5000mm(16'-4") U channel
13 per 2500mm(8'-2") U channel





Allows water to flow under floor mounted
U channel on exterior balconies

COD.	Height	Base
AX50.002.000.B.SP	9.92"	4.9" Square

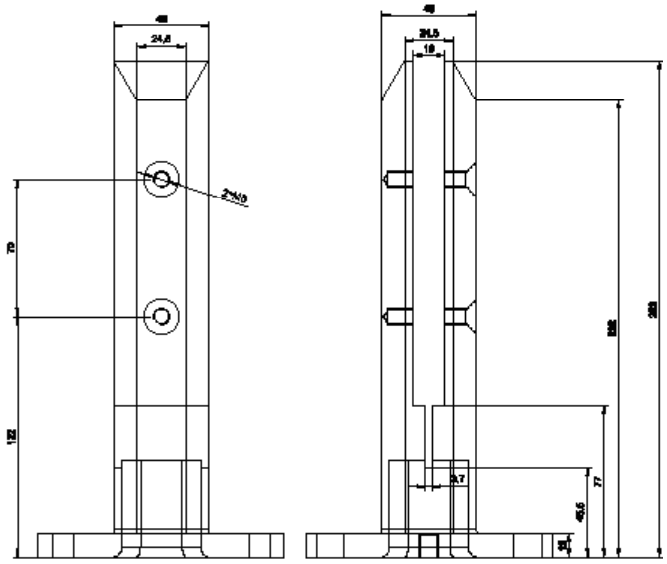
Requires 4 anchors

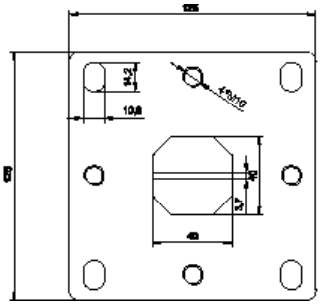
Large floor mount profile

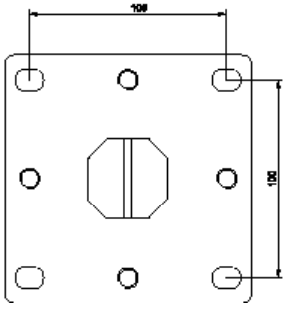
Quick# **800X, 805X**
Page 72

AISI 316

For use with 1/2" glass.







COD.	Height	Base
AX50.001.000.B.SP	6.29"	3.8" Square

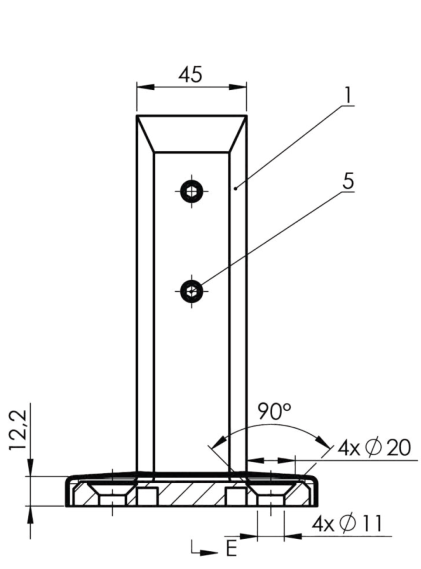
Requires 4 anchors

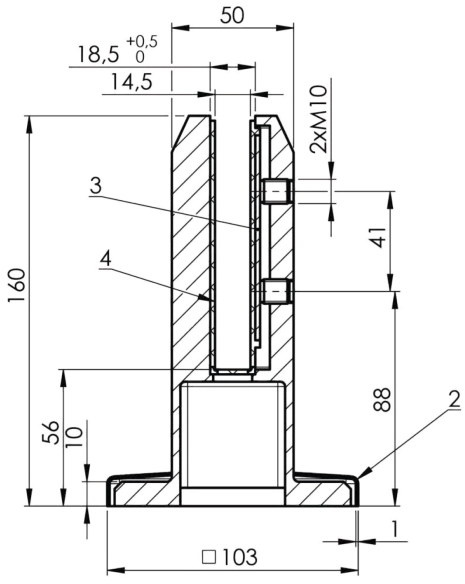
Small floor mount profile

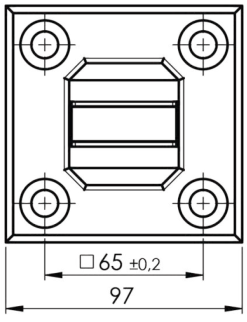
Quick# **910X, 915X**
Page 72

AISI 316

For use with 1/2" glass.







For information on cutting stainless steel
houseofforgings.net/axia-install-guides

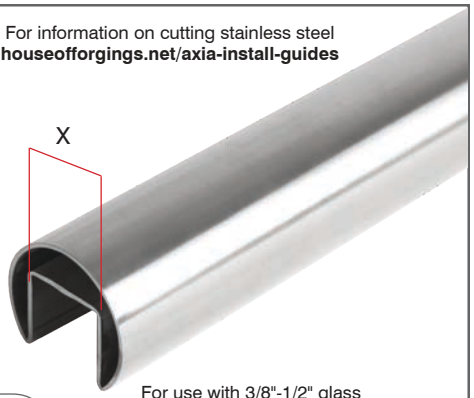
COD.	Ø	T	X	L
AX00.030.065.A.SP	42.4 x 1.5 mm		24 x 24 mm	5000 mm (16'-4")

Rubber washer not included

Glass cap rail

Weight:
10.2 kgs (22.4 lbs)

AX00.031.072.R	42.4 x 1.5 mm	13.52 mm	24 x 24 mm	5000 mm (16'-4")

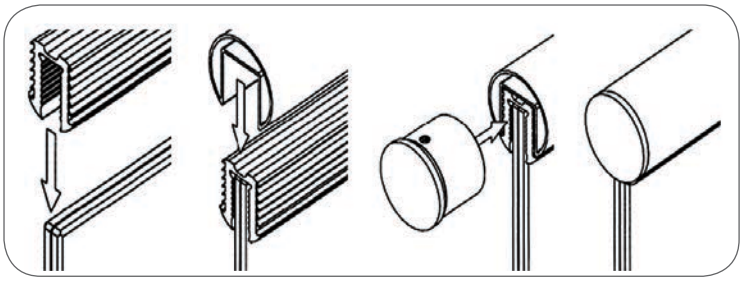


Rubber gasket

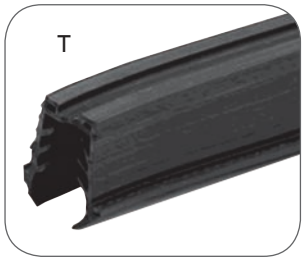
Weight:
2.34 kgs (5.15 lbs)

Clear Silicone

Apply clear silicone to glass before applying gasket, apply on top of gasket also before mounting cap rail.



For use with 3/8"-1/2" glass



COD.	Ø
AX00.032.175.A.SP	42.4 x 1.5 mm

Wall mount flange

Weight:
.2 kgs (.44lbs)

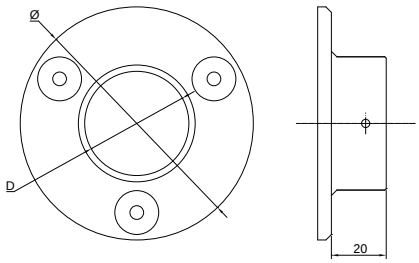
Clear Silicone

Fits up to 1/2" glass

Flange cover included

Quick# **820X**
Page 72

3 per location

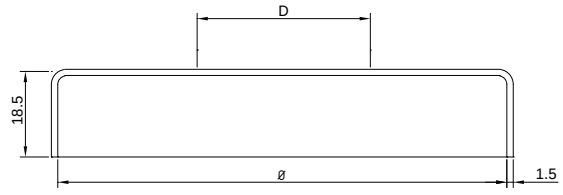


COD.	Ø
AX00.003.176.A.SP	42.4 x 1.5 mm

Replacement wall mount flange cover

Weight:
.1 kgs (.219 lbs)

Clear Silicone

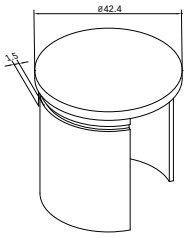


Slotted flange cover allows glass to be installed 1/4" from wall

COD.	Ø
AX00.030.120.A.SP	42.4 x 1.5 mm

Flat end cap

Weight:
.084 kgs (.184 lbs)

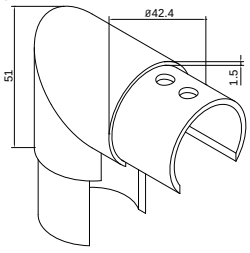


Anaerobic Adhesive

COD.	Ø
AX00.032.171.A.SP	42.4 x 1.5 mm

Vertical elbow

Weight:
.332 kgs (.73 lbs)

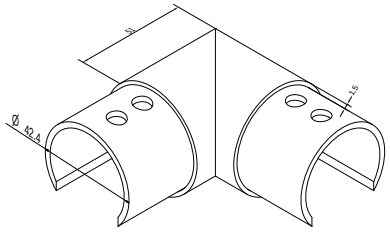


Anaerobic Adhesive

COD.	Ø
AX00.032.170.A.SP	42.4 x 1.5 mm

Horizontal elbow

Weight:
.297 kgs (.653 lbs)

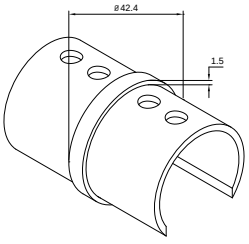


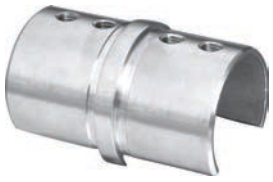
Anaerobic Adhesive

COD.	Ø
AX00.032.174.A.SP	42.4 x 1.5 mm

Connector

Weight:
.104 kgs (.289 lbs)



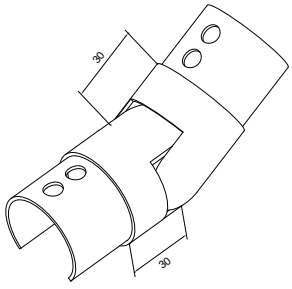


Anaerobic Adhesive

COD.	Ø
AX00.032.172.A.SP	42.4 x 1.5 mm

Adjustable elbow - upward

Weight:
.3 kgs (.66 lbs)

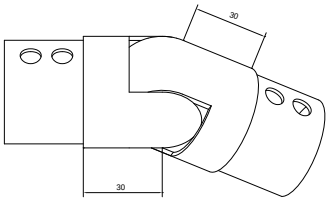


Anaerobic Adhesive

COD.	Ø
AX00.032.173.A.SP	42.4 x 1.5 mm

Adjustable elbow - downward

Weight:
.321 kgs (.706 lbs)



Anaerobic Adhesive

COD.	Ø	T	X	L
AX00.030.071.A.SP	42.4 x 1.5 mm		24 x 24 mm	5000 mm (16'-4")

Rubber washer not included

Square cap rail

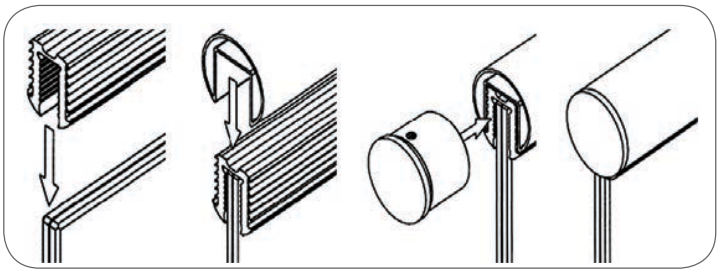
Weight:
12.4 kgs (27.28 lbs)

AX00.031.072.R	42.4 x 1.5 mm	13.52 mm	24 x 24 mm	5000 mm (16'-4")

Rubber washer

Weight:
2.34 kgs (5.15 lbs)

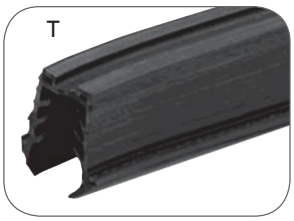
Apply clear silicone to glass before applying gasket, apply on top of gasket also before mounting cap rail.



Clear Silicone

For information on cutting stainless steel
houseofforgings.net/axia-install-guides

For use with 12mm(1/2") glass only



COD.	Ø	T	X	L	Wt.
AX00.030.073.G.RW	1.57" x 1.57"		24 x 24 mm	16 '	5.81 kgs (12.8 lbs)
AX00.030.077.G.RW	1.57" x 1.57"		24 x 24 mm	14 '	5.08 kgs (11.2 lbs)
AX00.030.076.G.RW	1.57" x 1.57"		24 x 24 mm	12 '	4.35 kgs (9.6 lbs)
AX00.030.075.G.RW	1.57" x 1.57"		24 x 24 mm	10 '	3.63 kgs (8 lbs)
AX00.030.074.G.RW	1.57" x 1.57"		24 x 24 mm	8'	2.9 kgs (6.4 lbs)

Red Oak wood cap rail

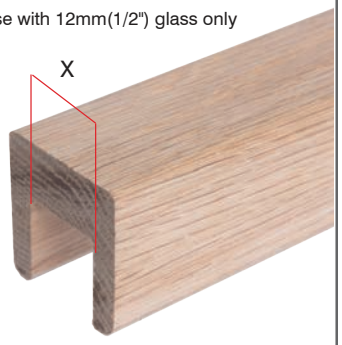
Rubber washer not included

AX00.030.080.H.RW	1.57" x 1.57"	24 x 24 mm	16 '	5.81 kgs (12.8 lbs)
AX00.030.088.H.RW	1.57" x 1.57"	24 x 24 mm	14 '	5.08 kgs (11.2 lbs)
AX00.030.087.H.RW	1.57" x 1.57"	24 x 24 mm	12 '	4.35 kgs (9.6 lbs)
AX00.030.086.H.RW	1.57" x 1.57"	24 x 24 mm	10'	3.63 kgs (8 lbs)
AX00.030.084.H.RW	1.57" x 1.57"	24 x 24 mm	8'	2.9 kgs (6.4 lbs)

White Oak wood cap rail

Rubber washer not included

For use with 12mm(1/2") glass only



Special order item. Lead times apply

COD.	Ø
AX00.032.324.A.SP	42.4 x 1.5 mm

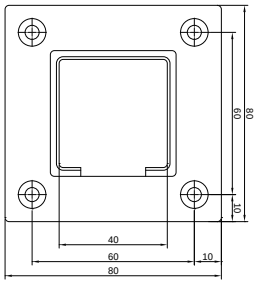
Wall mount flange

Weight:
.211 kgs (.464 lbs)

Quick# **820X**
Page 72

2 per location

Clear Silicone



Flange cover included

COD.	Ø
AX00.003.325.A.SP	42.4 x 1.5 mm

Replacement wall mount flange cover

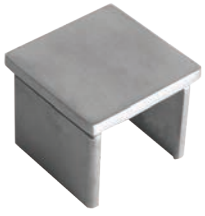
Weight:
.105 kgs (.231 lbs)

Clear Silicone

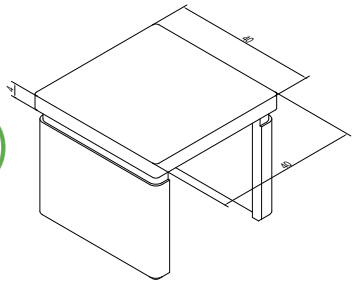
COD.	Ø
AX00.032.322.A.SP	42.4 x 1.5 mm

Flat end cap

Weight:
.114 kgs (.251 lbs)



Anaerobic Adhesive

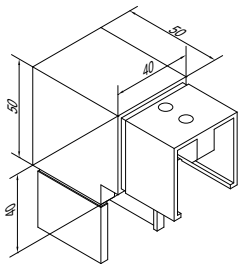


Slotted flange cover allows glass to be installed 1/4" from wall

COD.	Ø
AX00.032.326.A.SP	42.4 x 1.5 mm

Vertical elbow

Weight:
.428 kgs (.942 lbs)

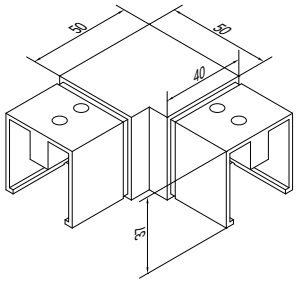


Anaerobic Adhesive

COD.	Ø
AX00.032.305.A.SP	42.4 x 1.5 mm

Horizontal elbow

Weight:
.367 kgs (.807 lbs)

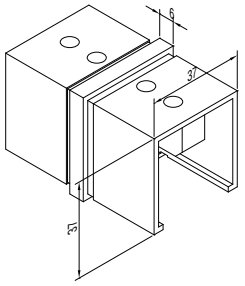


Anaerobic Adhesive

COD.	Ø
AX00.032.320.A.SP	42.4 x 1.5 mm

Connector

Weight:
.176 kgs (.387 lbs)

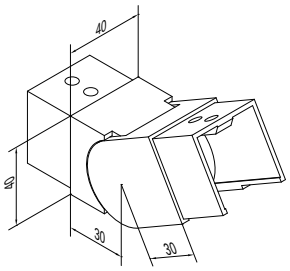


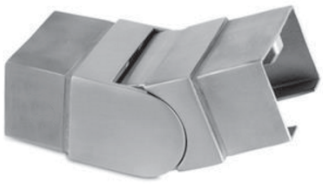
Anaerobic Adhesive

COD.	Ø
AX00.032.310.A.SP	42.4 x 1.5 mm

Adjustable elbow - upward

Weight:
.411 kgs (.904 lbs)



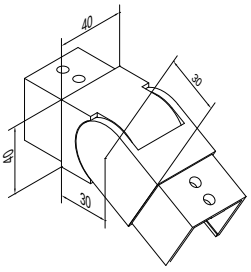


Anaerobic Adhesive

COD.	Ø
AX00.032.311.A.SP	42.4 x 1.5 mm

Adjustable elbow - downward

Weight:
.436 kgs (.962 lbs)

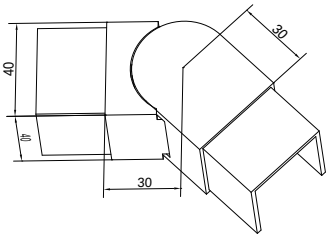


Anaerobic Adhesive

COD.	Ø
AX00.032.315.A.SP	42.4 x 1.5 mm

Adjustable horizontal elbow

Weight:
.365 kgs (.803 lbs)



Anaerobic Adhesive

System Hardware

	Quick#	Part#	Description	Application - Quantity Required
	250X	AX00.091.250.A.SP	M5 x 12 mm	Attaches saddle to metal handrail - 2 per
	540X	AX00.091.540.A.SP	4.8 x 25 mm	Attaches saddle to wood handrai - 2 per
	265X	AX00.091.265.A.SP	M6 x 10 mm	Attaches saddle to stem (Replacement) - 1 per
	260X	AX00.091.260.A.SP	M6 x 20 mm	Attaches bar holder to metal post - 1 per
	255X	AX00.091.255.A.SP	M8 x 25 mm	Attaches glass clamp to metal post - 1 per
	266X	AX00.091.266.A.SP	M5 Threaded Pop Rivet	Attaches glass clamp to metal post - 1 per
	267X	AX00.091.267.A.SP	M6 Threaded Pop Rivet	Attaches glass clamp to metal post - 1 per
	269X	AX00.091.269.A.SP	M8 Threaded Pop Rivet	Attaches glass clamp to metal post - 1 per

Anchors

	Quick#	Part#	Description	Application - Quantity Required
	800X	AX00.091.800.A.SP	3/8 x 3-1/2" Wood lag bolts	Round newel post mount - 3 per Square newel post mount - 2 per U Channel spigot clamps(large) - 4 per
	805X	AX00.091.805.A.SP	3/8 x 3-3/4" Concrete wedge anchors	Round newel post mount - 3 per Square newel post mount - 2 per U Channel spigot clamps(large) - 4 per
	820X	AX00.091.820.A.SP	#10 x 3" Wood screw to attach to wall	Round wall mount flange - 3 per Square cap rail wall mount flange - 4 per Round cap rail wall mount flange - 4 per
	830X	AX00.091.830.A.SP	#14 x 3" Wood screw to attach to wall	Round adjustable angle wall rail fitting - 3 per Square adjustable angle wall rail fitting - 4 per Square wall mount flange - 4 per Round wall Rail return - 3 per Round side mount post bracket - 2 per Square side mount post bracket - 2 per
	855X	AX00.091.855.A.SP	#12 x 3" Flat head wood screw	Round wall Rail Bracket - 3 per Square wall Rail Bracket - 2 per
	880X	AX00.091.880.A.SP	1/2 x 2-1/2" Flat head drop in anchor	U Channel 90 degree corners - 2 per U Channel floor / wall mount (2500mm) U Channel floor / wall mount (5000mm)
	885X	AX00.091.885.A.SP	#14 x 3" Wood screw to attach to wall/floor (includes 3/8" washer)	
	900X	AX00.091.900.A.SP	M6 x 80 mm Wood screw with flat head(phillips)	Standoffs / side mount post brackets - 2 per
	905X	AX00.091.905.A.SP	M6 x 85 mm Machine screw with socket head	Standoffs / side mount post brackets - 2 per
	910X	AX00.091.910.A.SP	3/8 x 3" Flat head concrete anchor	U Channel spigot clamps(small) - 4 per
	915X	AX00.091.915.A.SP	3/8 x 3" Flat head wood lag screw	U Channel spigot clamps(small) - 4 per

COD.

AX00.100.563

Threadlock

PERMABOND MH052 is ideal for the sealing of threaded joints. It is approved for use with gas for working pressure up to 26 bar and also for gaseous oxygen up to 10 bar and 60°C. MH052 seals against gas, water, LPG, hydrocarbons, oils and other chemicals. Unlike PTFE tape or hemp, Permabond MH052 will not shred or dry out, so it will provide a durable seal, helping to extend the life of the components. 75 ml

Thread Lock

Weight: .18 kgs (.4 lbs)

COD.

AX00.100.525

Anaerobic Adhesive

PERMABOND HM162 is a medium viscosity retaining compound that cures when confined between metal parts to form an extremely tough bond. It is best suited for cylindrical parts and where high temperature resistance is required. In the uncured, liquid state, the adhesive wets the metal surfaces, keying into all surface irregularities and fills the space between the mated parts. 50 ml

Anaerobic Adhesive

Weight:.136 kgs (.3 lbs)

COD.

EPC-410

Epoxy

Epoxy Adhesive, Rapid Cure, High Strength Paste, Translucent, 50mL, Cartridge, Mixing Ratio 1:1, Application Time 7 min., Functional Cure 4 Hrs, Full Cure 4 hr., Work Life 15 min., Substrates Metal, Wood, Brick, Stone, Marble, Rubber, Some Plastics, And More, Repairing and Bonding For Home, Farm, Office and Marine Automotive, Includes 2 Nozzles, Package Quantity 1

Two part epoxy

Weight: .114 kgs (.25 lbs)

COD.

EPC-101

Simultaneously mix and dispense 2-part adhesives. Holds 50 ml cartridges.

Epoxy gun

Weight:
.179 kgs (.394 lbs)

COD.

S-2611

Clear Silicone

Titebond® 100% Silicone Sealant is a versatile formula that is ideal for both interior and exterior applications. It is a RTV industrial sealant and offers excellent adhesion to many common construction materials, including vinyl, aluminum, glass and painted surfaces. It also provides a strong, flexible seal that offers excellent water-resistance.

When fully cured, Titebond 100% Silicone Sealant can withstand extreme temperature conditions. The 100% antimicrobial formula will not crack or become brittle with age and resists fading or yellowing. It also extrudes easily in lower temperatures and dries quickly.

Clear Silicone Sealant

Weight: .365 kgs (.803 lbs)

COD.

AX00.080.505

- Superior alternative to steel wool, wire brushes, sandpaper, and other non-woven products for cleaning or finishing tasks.
- Very fine grade aluminum oxide abrasive cleans, finishes, grains, denibs, and defuzzes.
- Pad resists tearing, splintering, shredding, loading and will never rust, providing a long, useful life.
- Can be folded, stacked, or rolled for effective cleaning or conditioning on flat, irregular, or contoured surfaces.

Package of 2

Scotch Brite Pads

Weight:.116 kgs (.256 lbs)

COD.

AX00.080.515

Our strongest cleaner, ideal for removing hard to clean substances from all stainless steel products. Used most commonly after installation and prior to applying polish and passivator.

Degreaser

Weight: 108 kgs (.238 lbs)

Step 1

Step 2

COD.

AX00.080.510

Ideal for normal cleaning and maintenance of all stainless steel products. Use prior to applying passivator.

Cleaner/Polish

Weight: 108 kgs (.238 lbs)

Step 3

COD.

AX00.080.517

Essential for maximum corrosion resistance of all stainless steel products. Use after applying degreaser and polish.

Polish/Passivator

Weight: 108 kgs (.238 lbs)

COD.

AX00.070.635

102 Metal Post Drill Kit
Includes:
5/32" Metal drill bit
9/32" Metal drill bit
29/64" Metal drill bit
7/16" Open end wrench
1/8" Allen wrench
Weight: .091 kgs (.2 lbs)

COD.

AX00.070.630

102 Wood Post Drill Kit
Includes:
5/32" Wood drill bit
9/32" Wood drill bit
29/64" Wood drill bit
7/16" Open end wrench
1/8" Allen wrench
Weight: .091 kgs (.2 lbs)

COD.

AX00.070.650

Metal Post Drill Kit
Includes:
5/16" Tap (24 thread)
5/16" Metal drill bit(Letter I)
5/32" Metal drill bit
3/8" Open end wrench
3/16" Allen wrench
Weight: .091 kgs (.2 lbs)

COD.

AX00.070.625

Wood Post Drill Kit
Includes:
5/32" Wood drill bit
7/32" Wood drill bit
3/8" Open end wrench
3/16" Allen wrench

Weight: .091 kgs (.2 lbs)

COD.

AX00.070.610

Bulk Cable & Fittings Drill Bit

Includes:
5/16" Kobalt drill bit
10 mm Open end wrench
8 mm Allen wrench

Weight: .023 kgs (.05 lbs)

COD.

AX00.070.605 M5mm drill & tap set (handrail)
AX00.070.606 M6mm drill & tap set (bar holders)
AX00.070.608 M8mm drill & tap set (glass clamps)

Drill & tap set

Weight: .045 kgs (.1 lbs)

COD.

AX00.070.651

1/2" punch for precision drilling.

Center punch

Weight: .068 kgs (.15 lbs)

COD.

S-9403 Sure tite fastener for wood newel posts.

Sure Tite Newel Fastener

Weight: .249 kgs (.55 lbs)

S-9401 Key lock fastener for wood newel posts.

Key Lock Newel Fastener

Weight: .301 kgs (.66 lbs)

COD.

AX00.070.652

Tap Magic Pro Tap
16 oz spout top.

Cutting fluid

Weight: .454 kgs (1 lbs)

AX00.110.710 Composite shims for proper post leveling/mounting.

Shims (12 pack)

Weight: .331 kgs (.73 lbs)

COD.

HFC18.CUTTER

Ideal for cutting our stainless steel cable or any cable up to 1/8" thickness

Cable cutter - small

Weight:
.344 kgs (.74 lbs)

COD.

HFC18.C9CUTTER

Ideal for cutting our stainless steel cable or any cable up to 1/4" thickness.

Cable cutter - large

Weight:
.86 kgs (1.89 lbs)

COD.

HFC18.PLIERS

Cable gripping pliers for proper tensioning.

Cable gripping pliers

Weight:
.748 kgs (1.65 lbs)

COD.

HFC18.WHEEL

Used to cut cable flush with the end of Pull-Lock fittings, and to cut excess threads of stud. Includes mandrel and two cut-off wheels.

Cable cut-off wheel

Weight:
.085 kgs (.187 lbs)

COD.

HFC18.KEY

Release key for all push lock fitting cable kits.

Cable Release Key

Weight:
.005 kgs (.01lbs)

COD.

HFC18.TENSION.GAUGE

Accurately measure tension on cable railing.

Tension Gauge

Weight:
.241 kgs (.53 lbs)

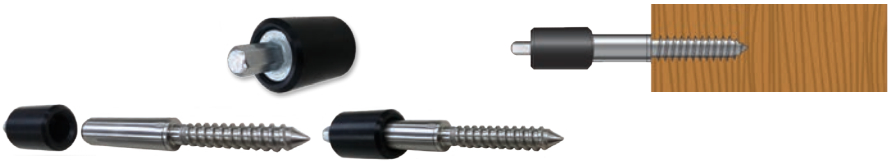
COD.

DRIVER PL-LAG/R

Push lock lag driver for use with **WLN1/8-1** swageless cable fitting.

Push lock lag driver

Weight:
.026 kgs (.059 lbs)



COD.

HFC18.TUBE

Insert tube for use with 1/8" cable and wood posts.

Insert Tube

Weight:
.005 kgs (.01 lbs)

COD.

AX10.070.212

Accurately bend 12 mm round infill tubing for curved applications.

Infill tube bender

Weight:
.301 kgs (6.35 lbs)

COD.

AX00.060.400

Our two stage hydraulic swaging compression tool allows for up to 16 tons of pressure to be applied to cable fittings. Full die set included for 3, 4, 5, 6 mm .

Hydraulic Crimper

Weight:
4.2 kgs (9.25 lbs)

COD.

AX00.060.415 Die set for 3-4mm
AX00.060.420 Die set for 5-6mm

Die set

Weight:
.045 kgs (.1 lbs)

COD.

AX00.070.520

Threaded pop rivet installation gun. Interchangeable mandrel/nosepieces for blind rivet nuts sizes: M3,M4,M5,M6,M8

Pop rivet gun

Weight:
2.52 kgs (5.55 lbs)

COD.

AX30.070.530

Spanner wrench for tightening round standoffs.

Spanner wrench - round

Weight:
.187 kgs (.412 lbs)

COD.

AX30.070.531

Spanner wrench for tightening square standoffs.

Spanner wrench - square

Weight:
.295 kgs (.65 lbs)

COD.

AX40.070.562

This multi-function tool allows you to precisely hammer wedges into place and roll the rubber strip into place on U channel.

Wedge tool

Weight:
.68 kgs (1.5 lbs)

See our recommended tools section for information on cutting stainless steel. This section includes a complete range of tools that we highly recommend for professional installation.

houseofforgings.net/axia-install-guides

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STAIR & RAILING SYSTEMS

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