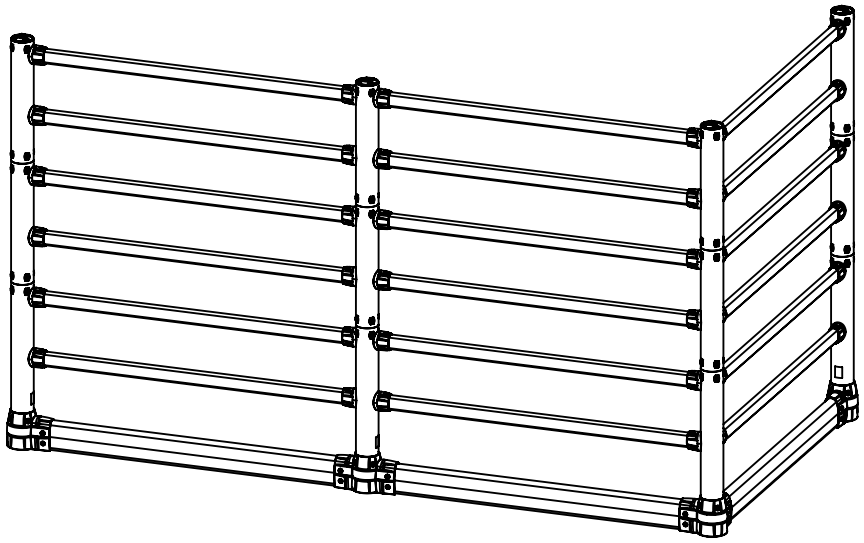
FLEX+ Topple with Ground Guard

Installation Instructions



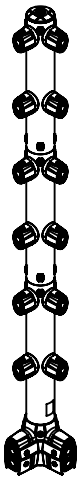
Kits



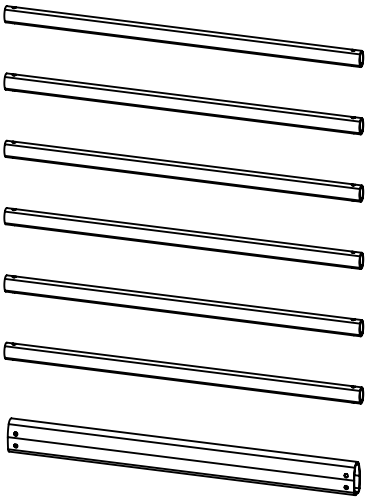
FTG-GG-K-END
Topple with
Ground Guard
End Post



FTG-GG-K-MID
Topple with
Ground Guard
Mid Post



FTG-GG-K-CNR
Topple with
Ground Guard
Corner Post



FTG-GG-K-R-8
Topple with
Ground Guard
Rail Kit

Questions

McCue Corporation
Danvers, Massachusetts, USA
+1(800) 800 8503
cservices@mccue.com

McCue UK
Milton Keynes, United Kingdom
+44 (0)1908 365 511
uksales@mccue.com

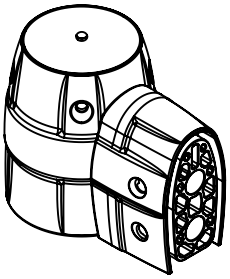
McCue Asia
Xiamen, Fujian, China
+8 592 2200790
rchen@mccue.com

McCue Europe
Magirus-Deutz-Straße 14
89077 Ulm, Germany
+49 731 40 38 82 68
eusales@mccue.com

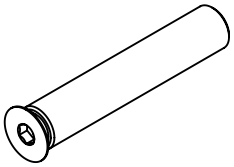
mccue.com

Components

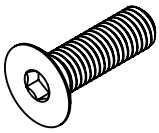
PolyCore Base End
FLX-C-B-END



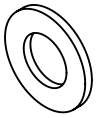
Base Cover End
FLX-BCV-END
QTY: 1



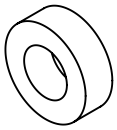
100mm Pin (Black)
FLX-PIN-100
QTY: 2



Flat Head Screw
HW-FH-M12
QTY: 6

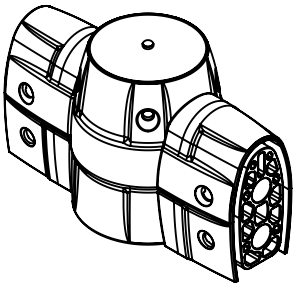


Anchor Washer
HW-WSH-ANC
QTY: 4

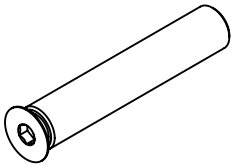


Damper
HW-DPR
QTY: 4

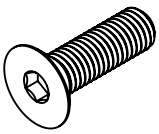
PolyCore Base Mid
FLX-C-B-MID



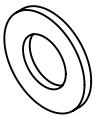
Base Cover Mid
FLX-BCV-MID
QTY: 1



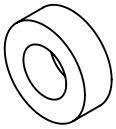
100mm Pin (Black)
FLX-PIN-100
QTY: 4



Flat Head Screw
HW-FH-M12
QTY: 8

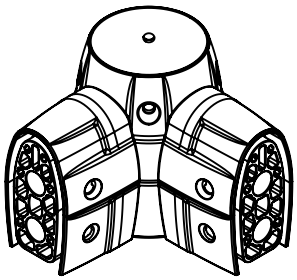


Anchor Washer
HW-WSH-ANC
QTY: 4

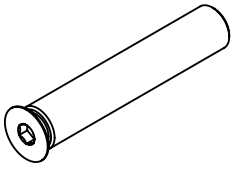


Damper
HW-DPR
QTY: 4

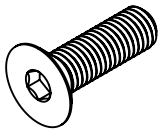
PolyCore Base Corner
FLX-C-B-CNR



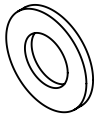
Base Cover Corner
FLX-BCV-CNR
QTY: 1



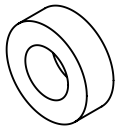
100mm Pin (Black)
FLX-PIN-100
QTY: 4



Flat Head Screw
HW-FH-M12
QTY: 8



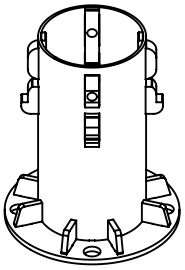
Anchor Washer
HW-WSH-ANC
QTY: 4



Damper
HW-DPR
QTY: 4

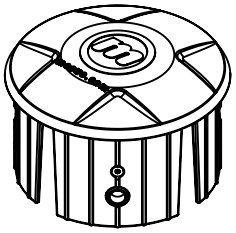
Components

Base Core
FLX-COR

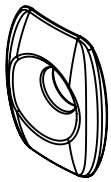


Base Core
FLX-COR

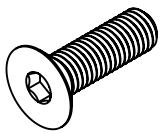
Cap
FLX-C-CAP



Cap
FLX-CAP
QTY: 1

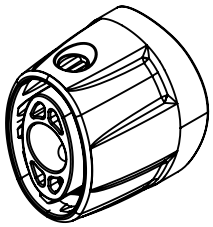


Post Washer
FLX-WSH
QTY: 4

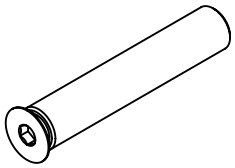


Flat Head Screw
HW-FH-M12
QTY: 4

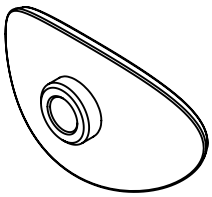
Top Rail Connector
FLX-C-TRC



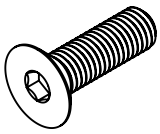
Top Rail Connector
FLX-TRC
QTY: 1



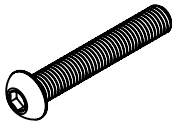
100mm Pin (Black)
FLX-PIN-100
QTY: 1



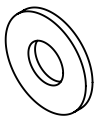
FastFit Insert
FLX-INS
QTY: 1



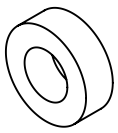
Flat Head Screw
HW-FH-M12
QTY: 1



Button Head Screw
HW-BH-M12
QTY: 1



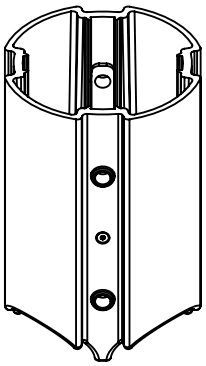
Connector Washer
HW-WSH-M12
QTY: 1



Damper
HW-DPR
QTY: 1

Components

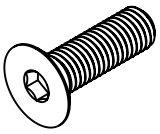
Post Extender
FLX-C-EXT



Post Extender
FLX-EXT
QTY: 1

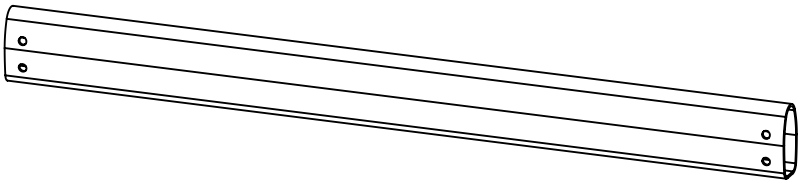


Post Washer
FLX-WSH
QTY: 8



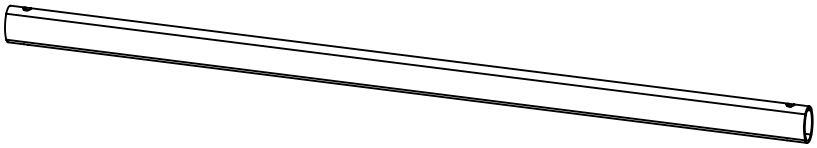
Flat Head Screw
HW-FH-M12
QTY: 8

Ground Guard Rail
FGG-C-R-8



Ground Guard Rail
FGG-C-R-8

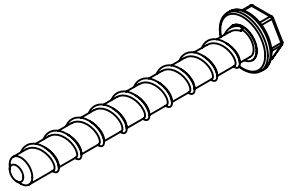
Top Rail
FTR-C-R-8



Top Rail
FTR-C-R-8

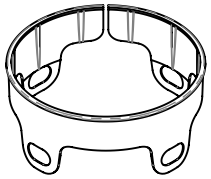
Components

Concrete Anchor (Imperial or Metric)
HW-C-A1250 or HW-C-AM12-130



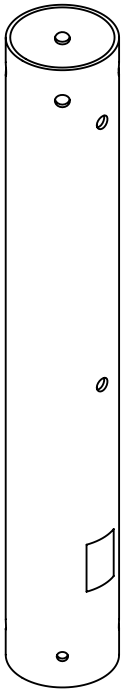
Concrete Anchor
HW-C-A1250 or
HW-C-AM12-130

Collar
FLX-C-CLR



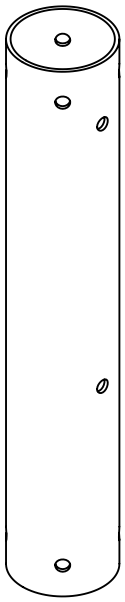
Collar
FLX-C-CLR
QTY: 1

Pedestrian Post
FPG-C-P-XXX



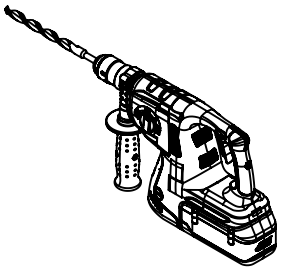
Pedestrian Post
FPG-C-P-END
FPG-C-P-MID
FPG-C-P-CNR

Topple Post
FTG-C-P-XXX

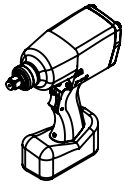


Topple Post
FTG-C-P-END
FTG-C-P-MID
FTG-C-P-CNR

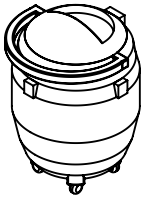
Required Tools



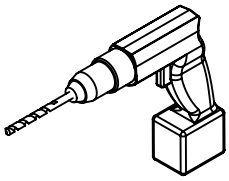
Hammer Drill With
∅12mm or ∅1/2in
Masonry Bit



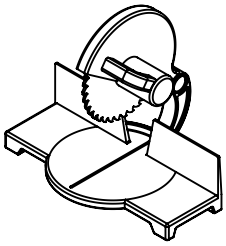
Impact
Driver



Vacuum



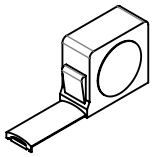
Drill with
∅20mm [3/4in] Bit



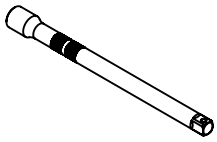
Mitre Saw



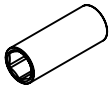
Hex Key
8mm [5/16in]



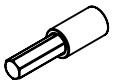
Measuring Tape



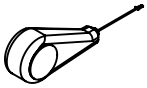
Socket Extender



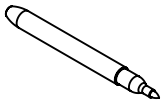
Hex Socket
17mm [3/4in]



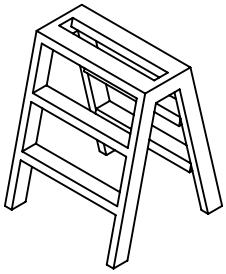
Hex Bit
8mm [5/16in]



Chalk Line



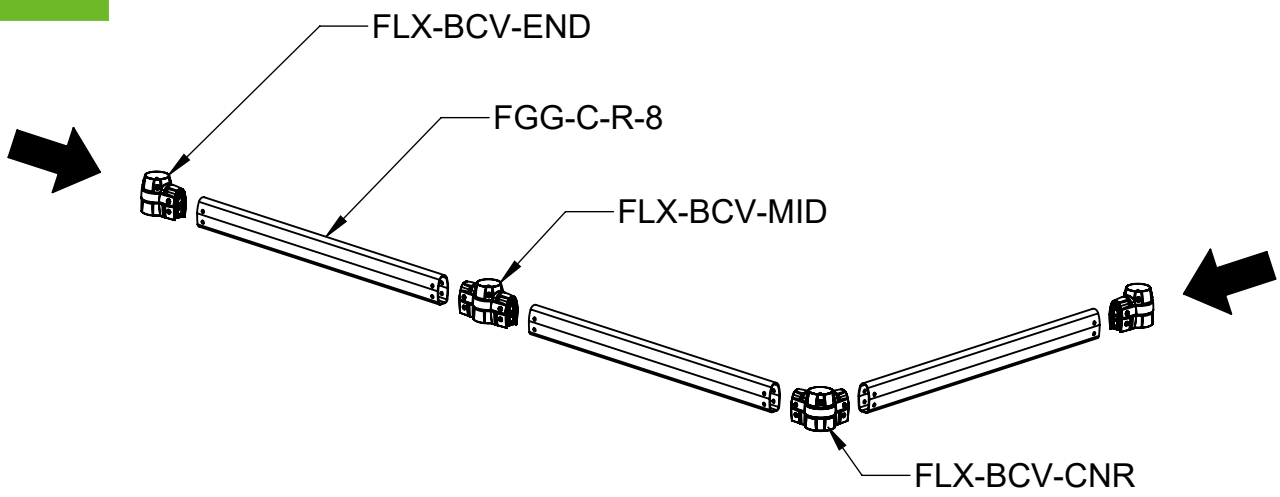
Marker



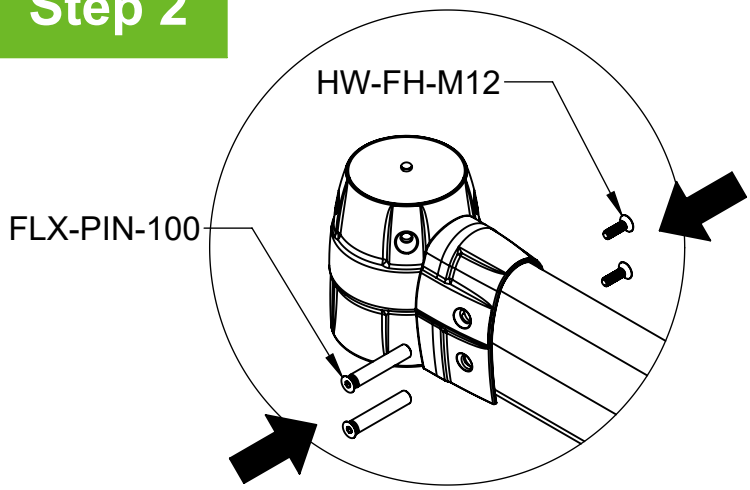
Step Ladder

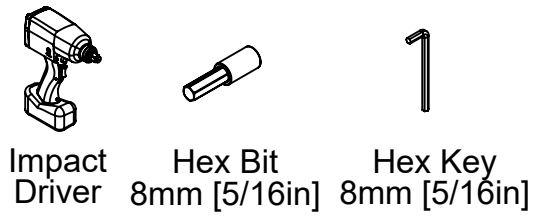
PPE recommended: High Visibilty Vest, Steel Toe Boots, Work Gloves, Ear Protection, Dust Mask, Eye Protection.

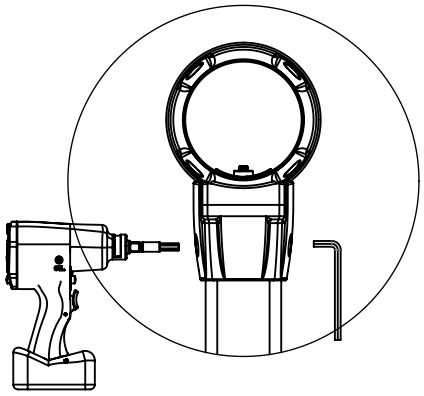
Step 1



Step 2



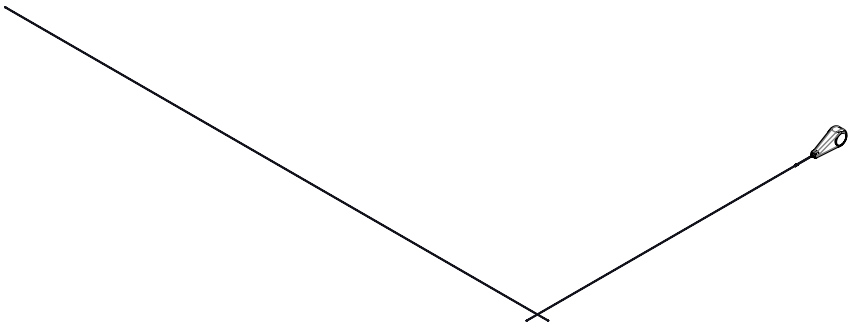




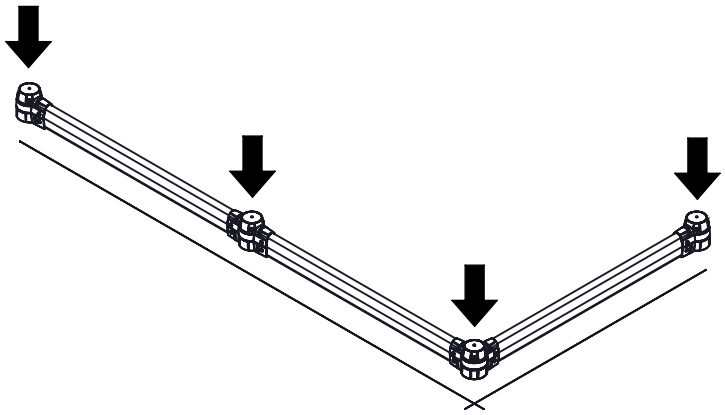
Step 3

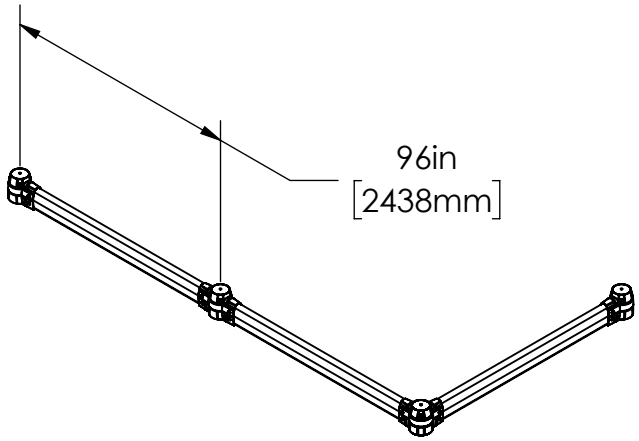


Chalk Line



Step 4

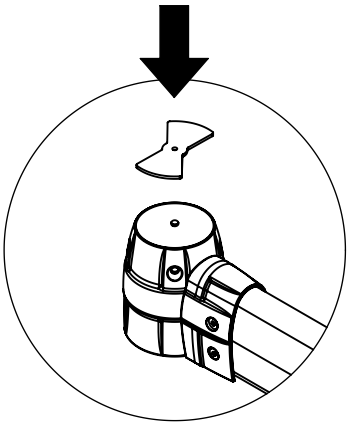


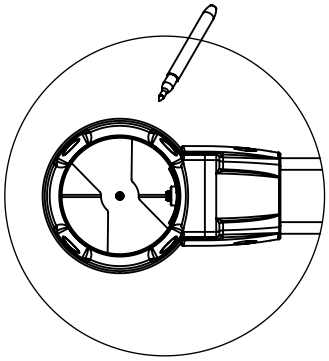


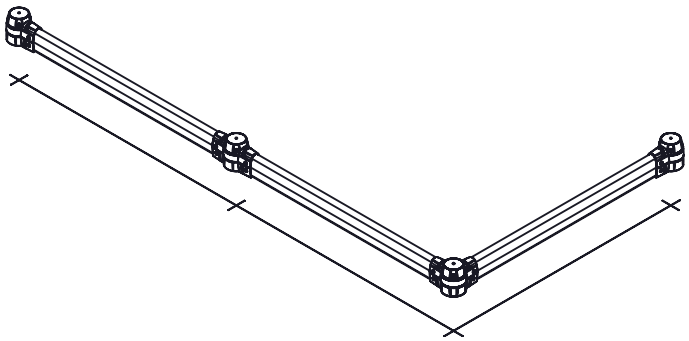
Step 5


Marker


Centermark
Template

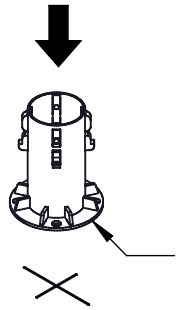


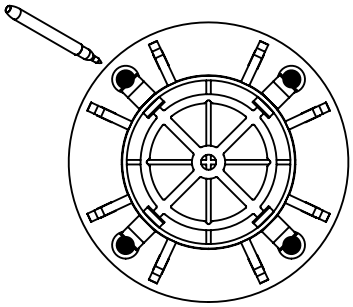


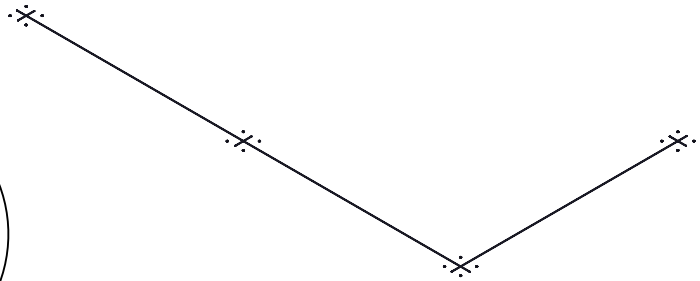


Step 6

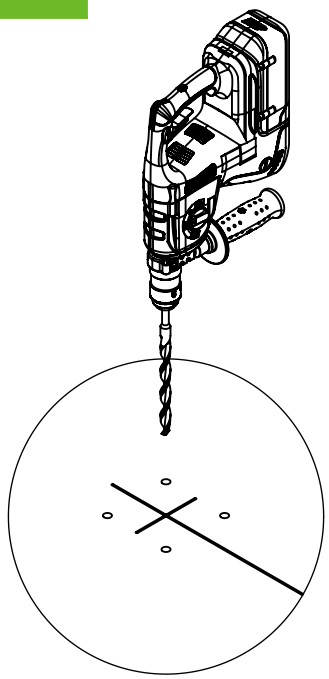

Marker

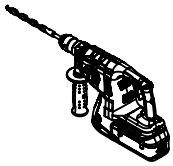






Step 7



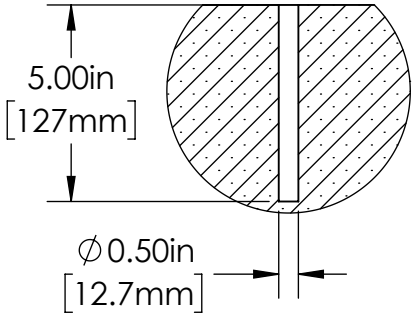


Hammer Drill With
∅12mm or ∅1/2in
Masonry Bit

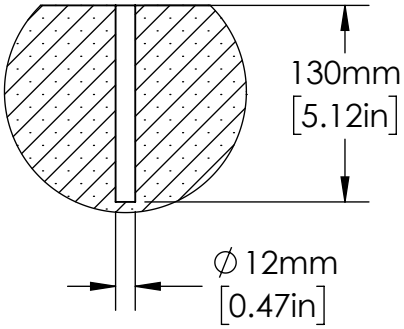


Vacuum

HOLE DETAIL
IMPERIAL
HW-C-A1250

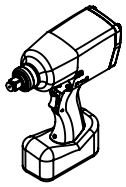


HOLE DETAIL
METRIC
HW-C-AM12-130

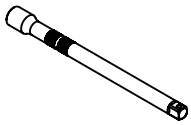


- **PPE recommended: High Visibilty Vest, Steel Toe Boots, Work Gloves, Ear Protection, Dust Mask, Eye Protection.**
- **Clean concrete dust by running the vacuum during drilling.**

Step 8



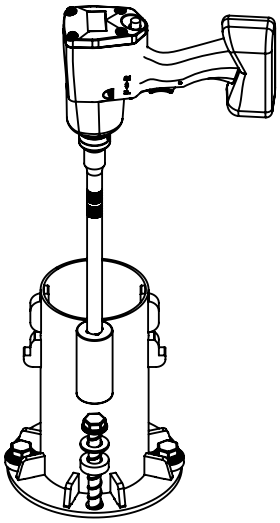
Impact
Driver

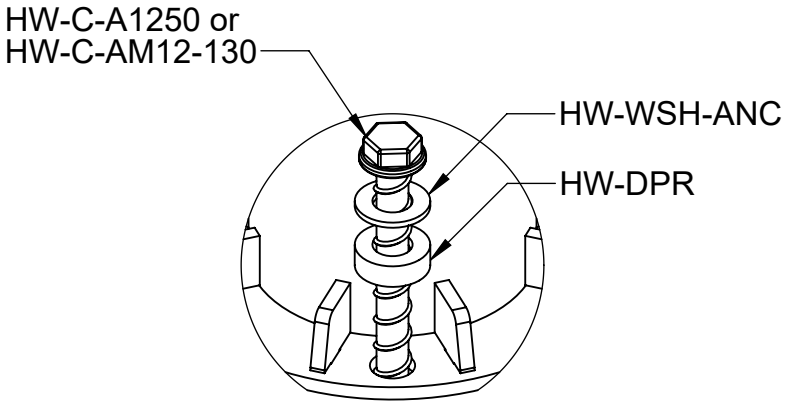


Extender



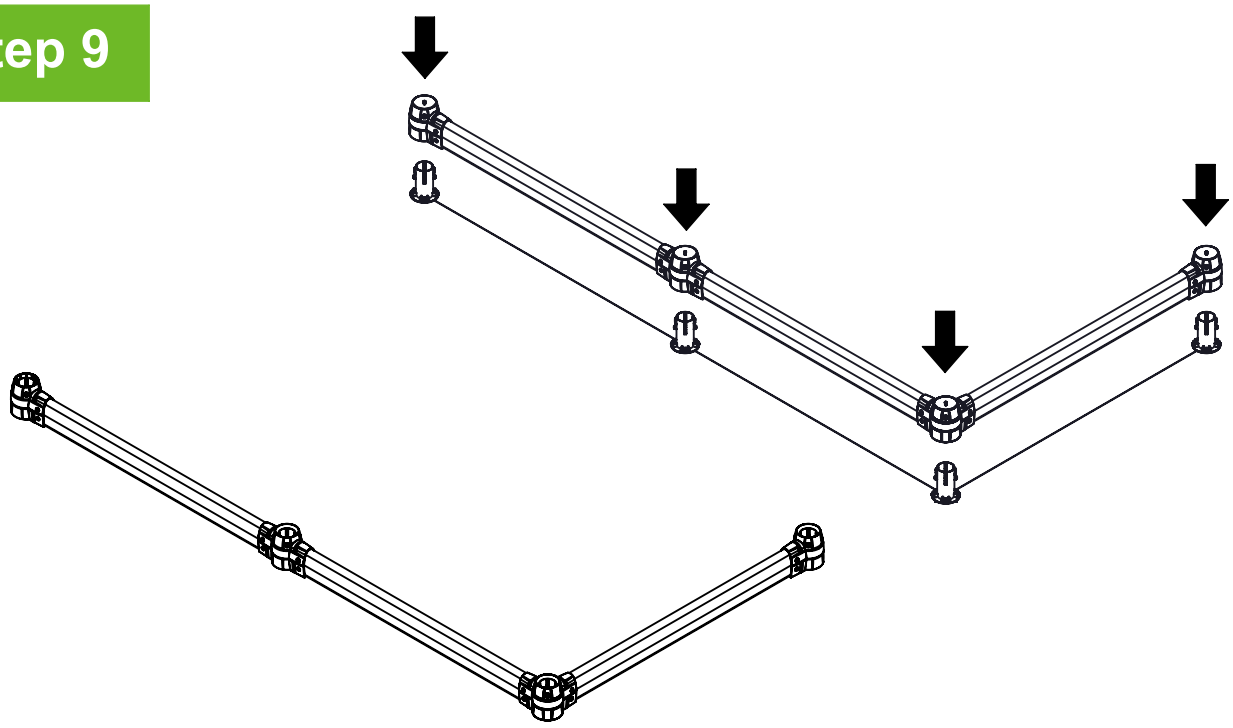
17mm [3/4in]
Hex Socket



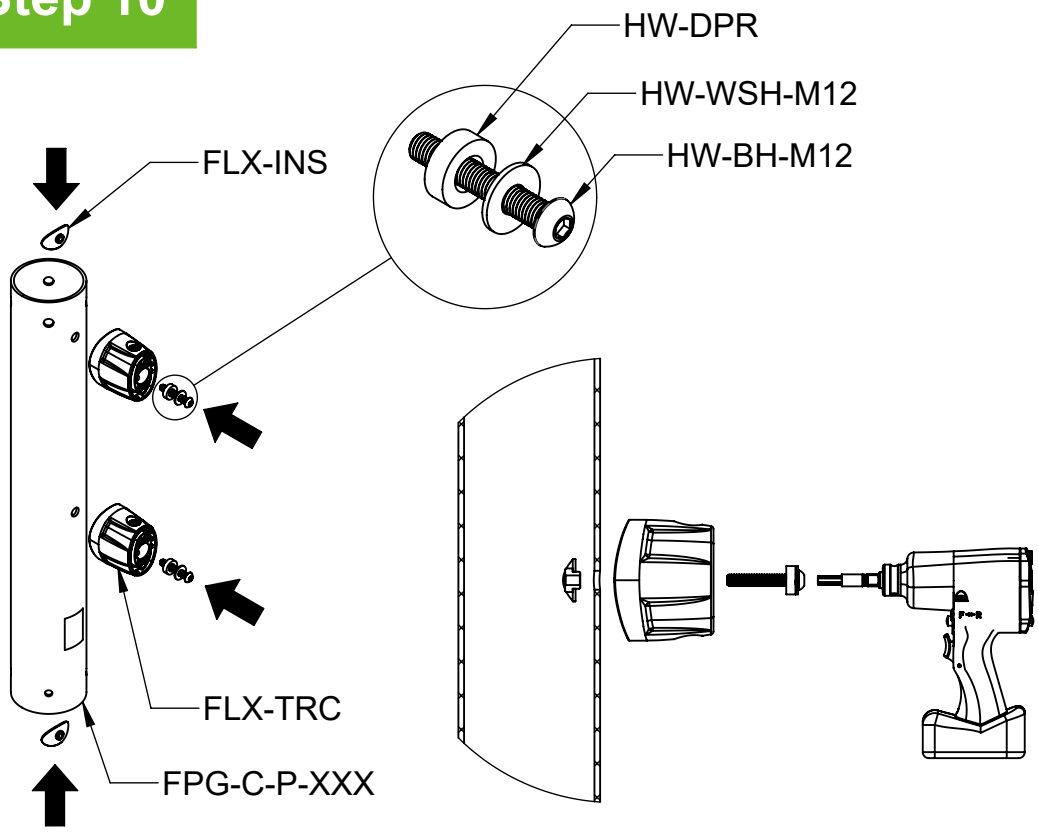


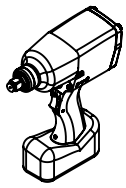
ANCHOR DETAIL

Step 9



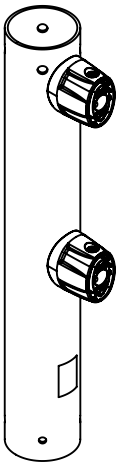
Step 10





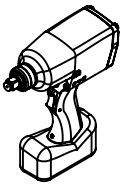
Impact Driver

M8 [5/16in] Hex Bit

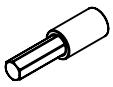


REPEAT FOR ALL POSTS

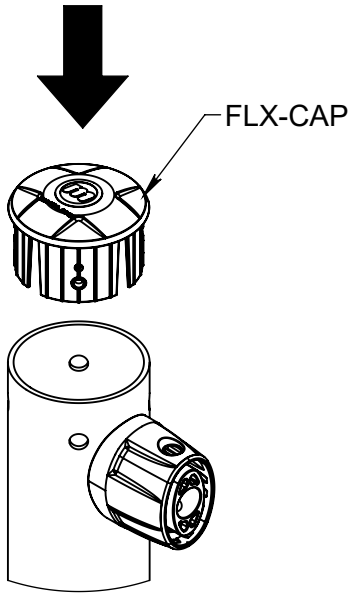
Step 11

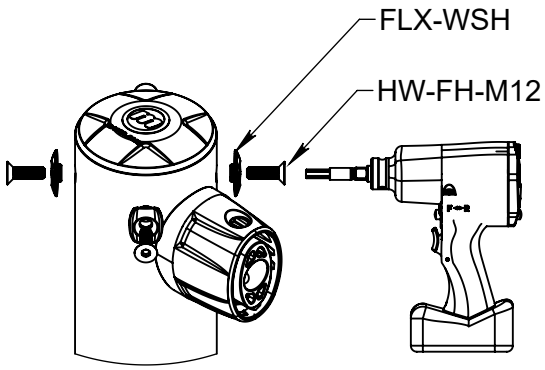


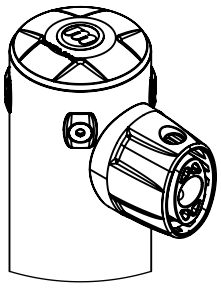
Impact Driver



Hex Bit 8mm [5/16in]

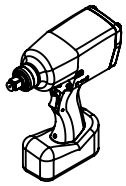




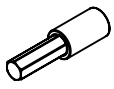


REPEAT FOR 1 TOPPLE POST PER KIT

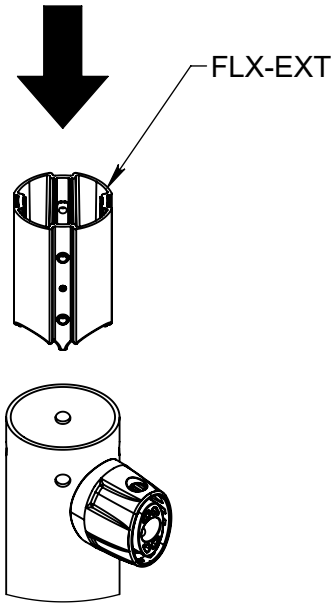
Step 12

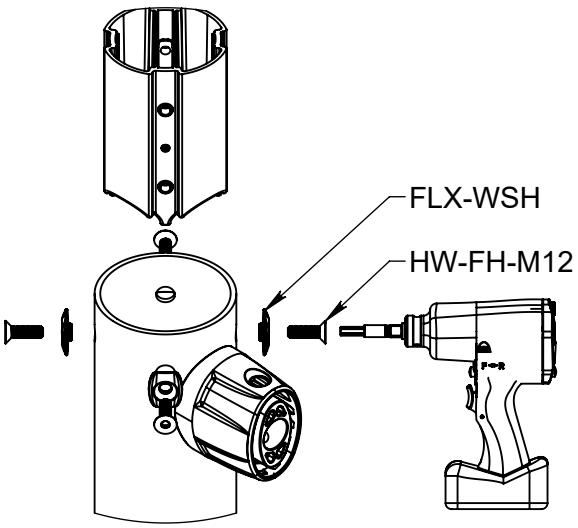


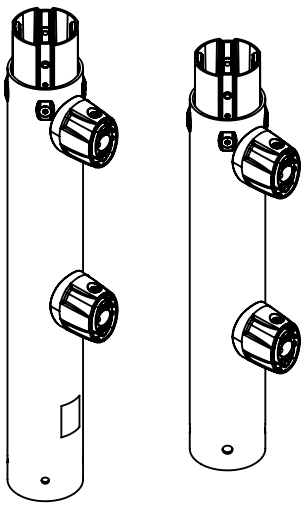
Impact Driver



Hex Bit 8mm [5/16in]

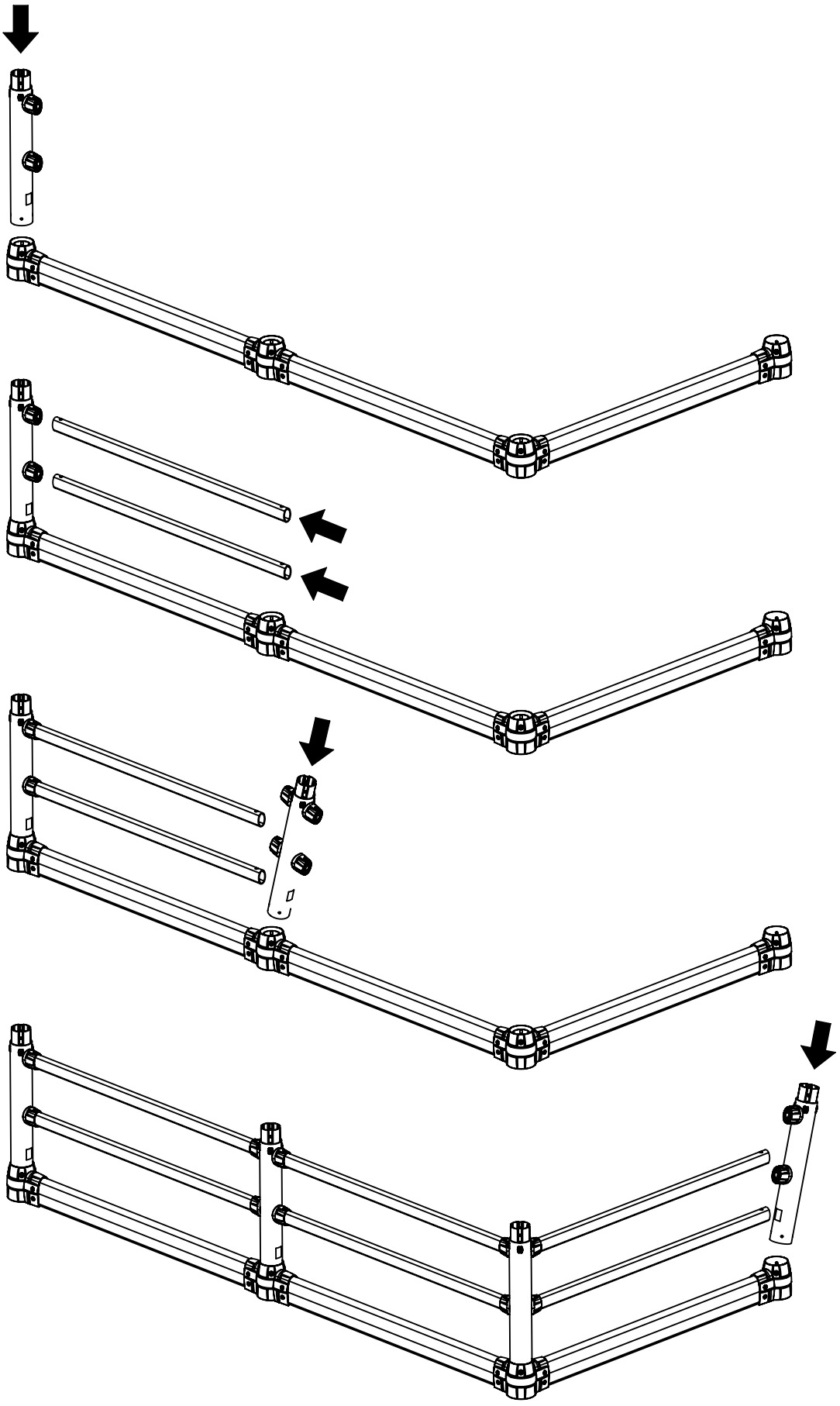




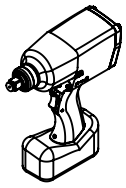


REPEAT FOR 1 PEDESTRIAN POST AND 1 TOPPLE POST PER KIT

Step 13



Step 14



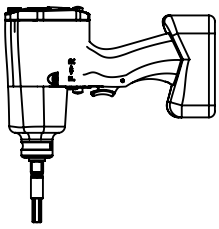
Impact Driver

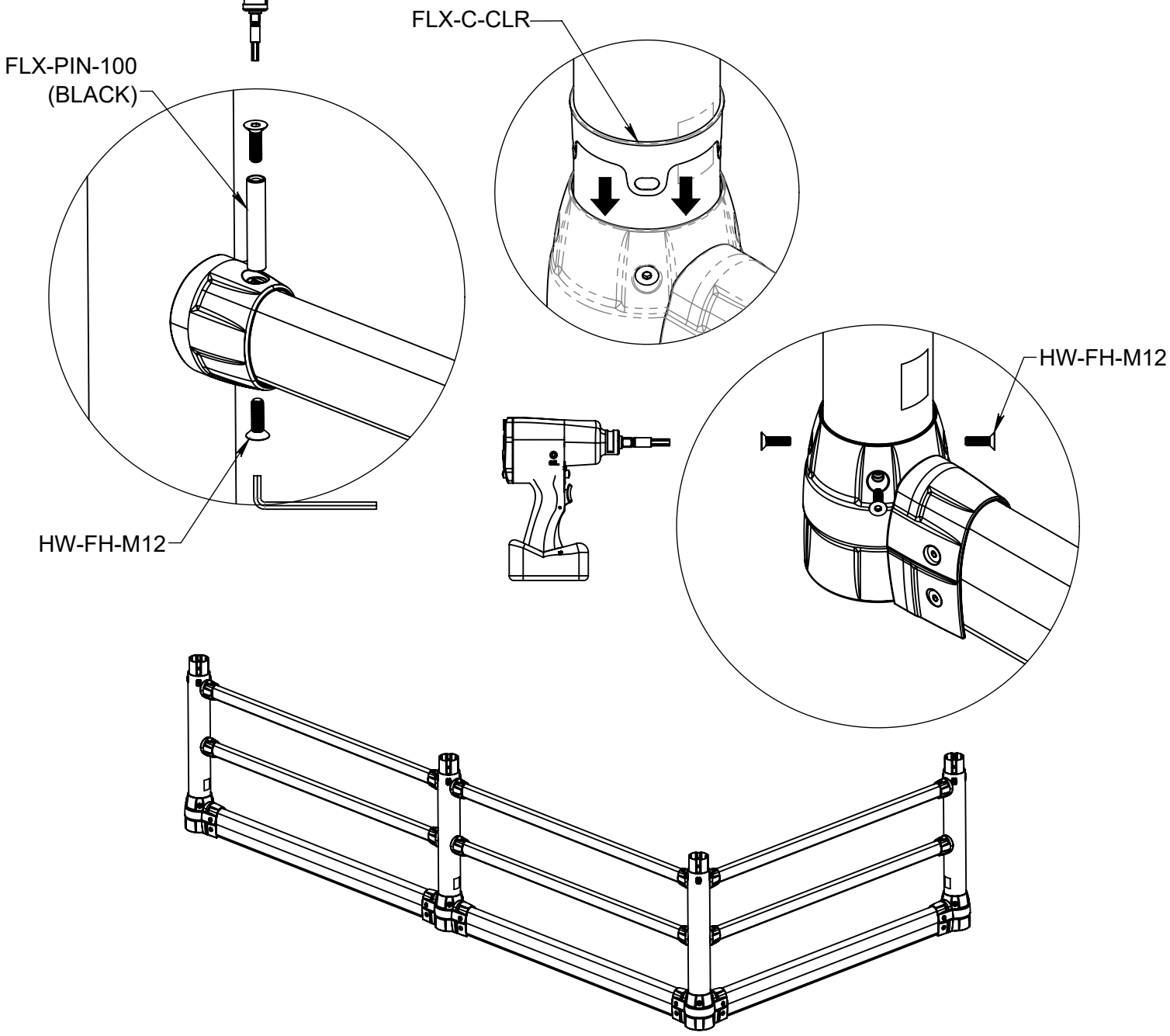


Hex Key 8mm [5/16in]



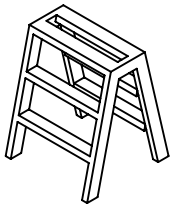
Hex Bit 8mm [5/16in]



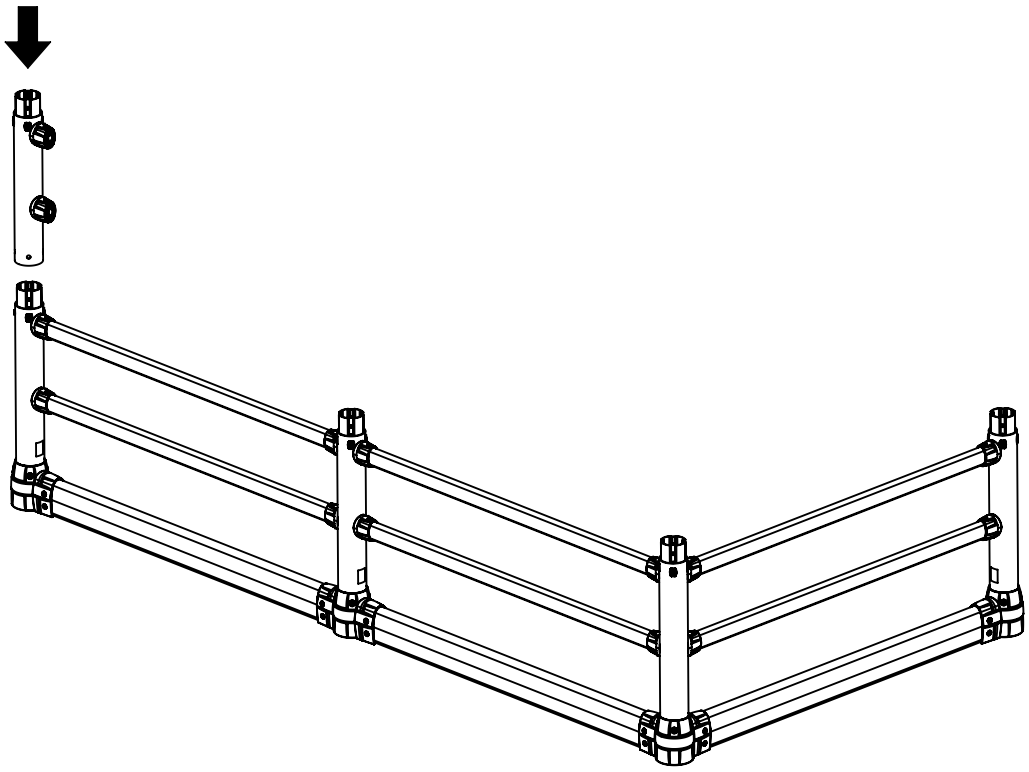


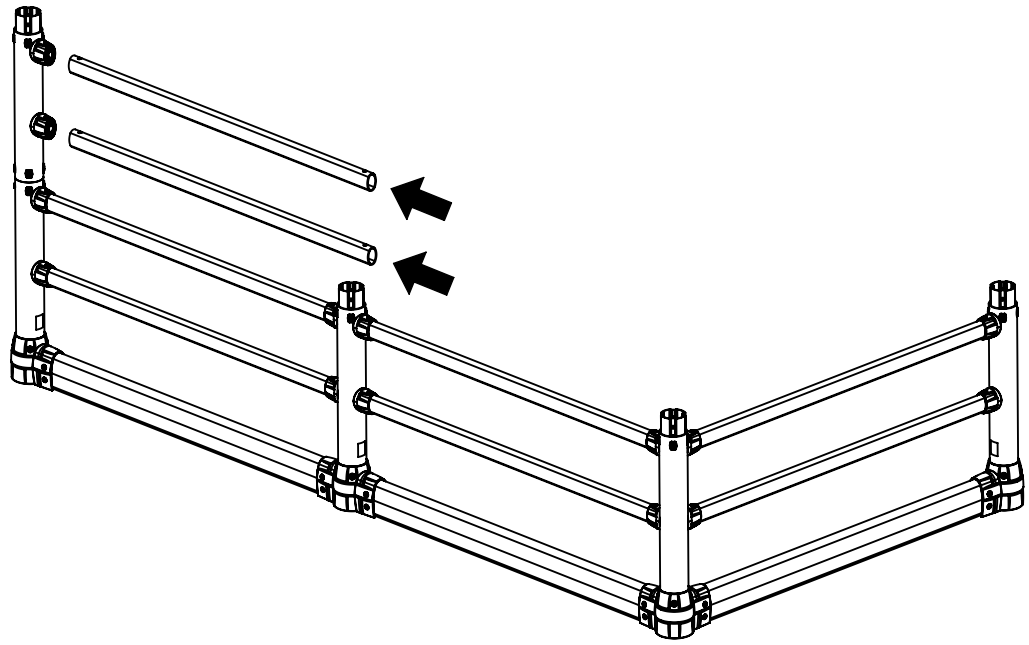
Repeat for all Posts and Rails

Step 15

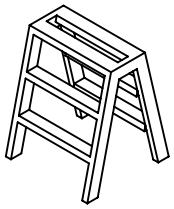


Step Ladder

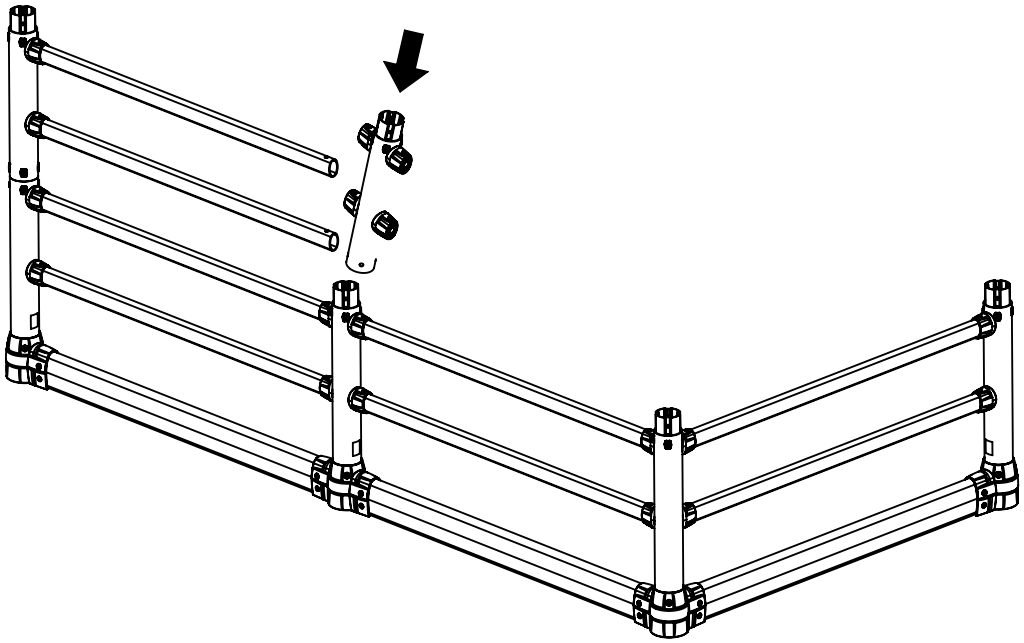


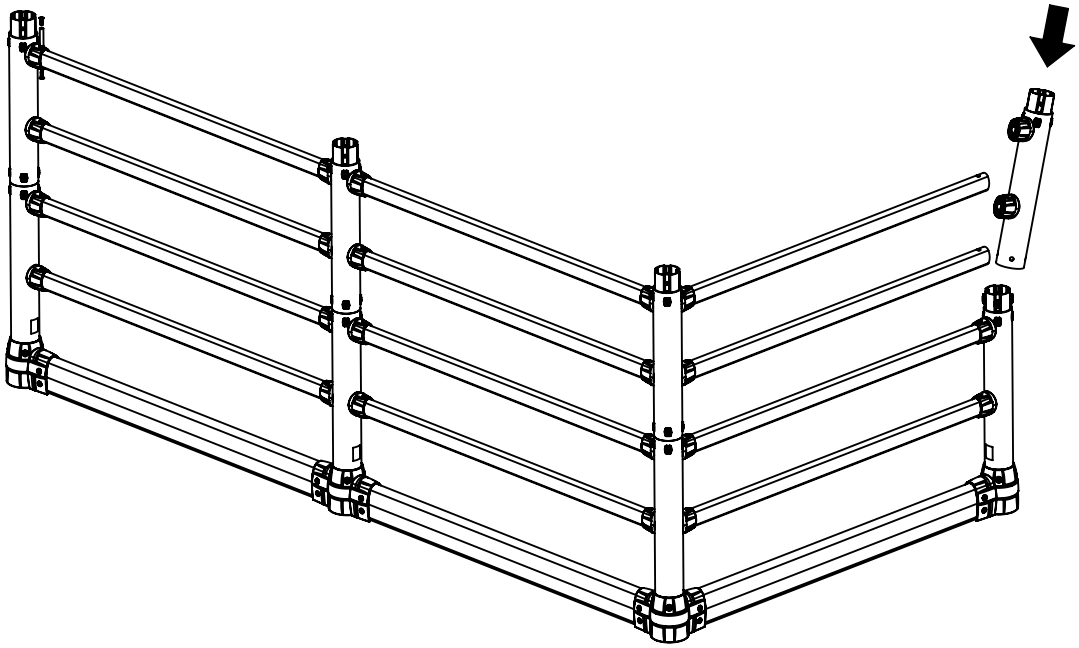


Step 15 (cont.)

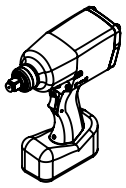


Step Ladder

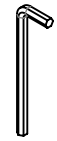




Step 16



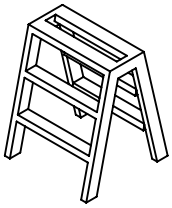
Impact Driver



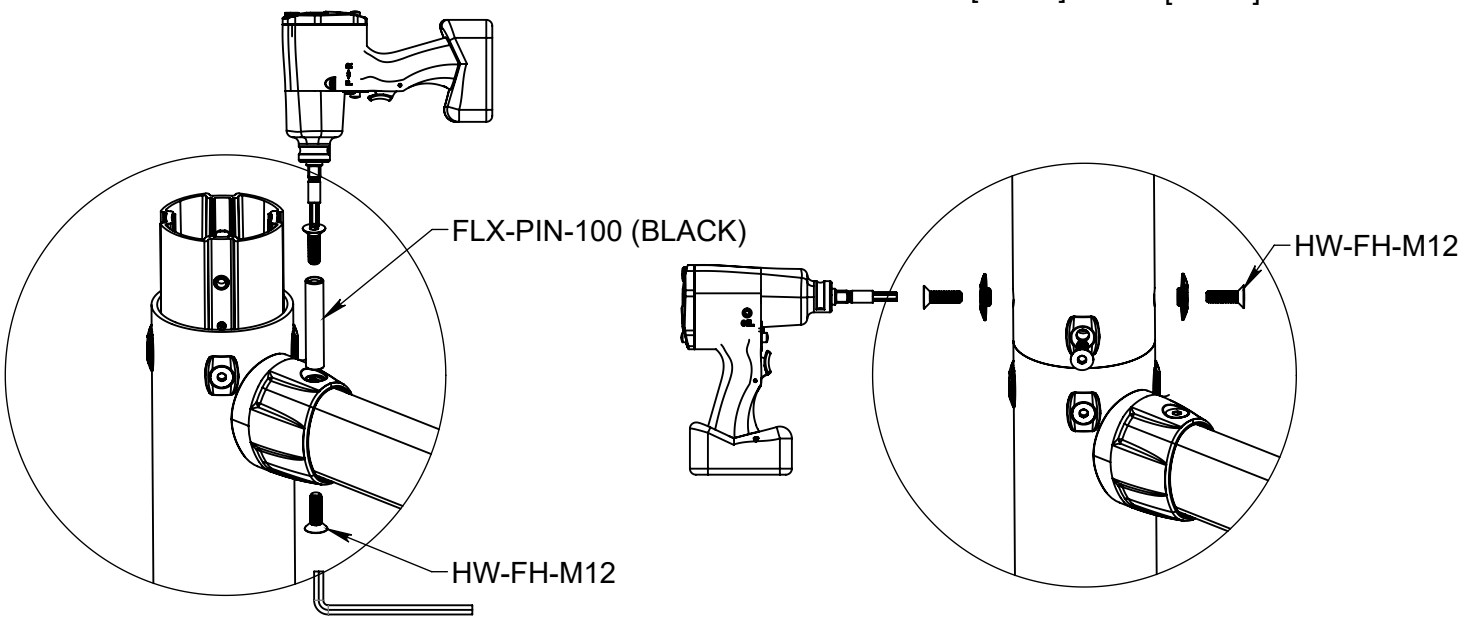
Hex Key 8mm [5/16in]

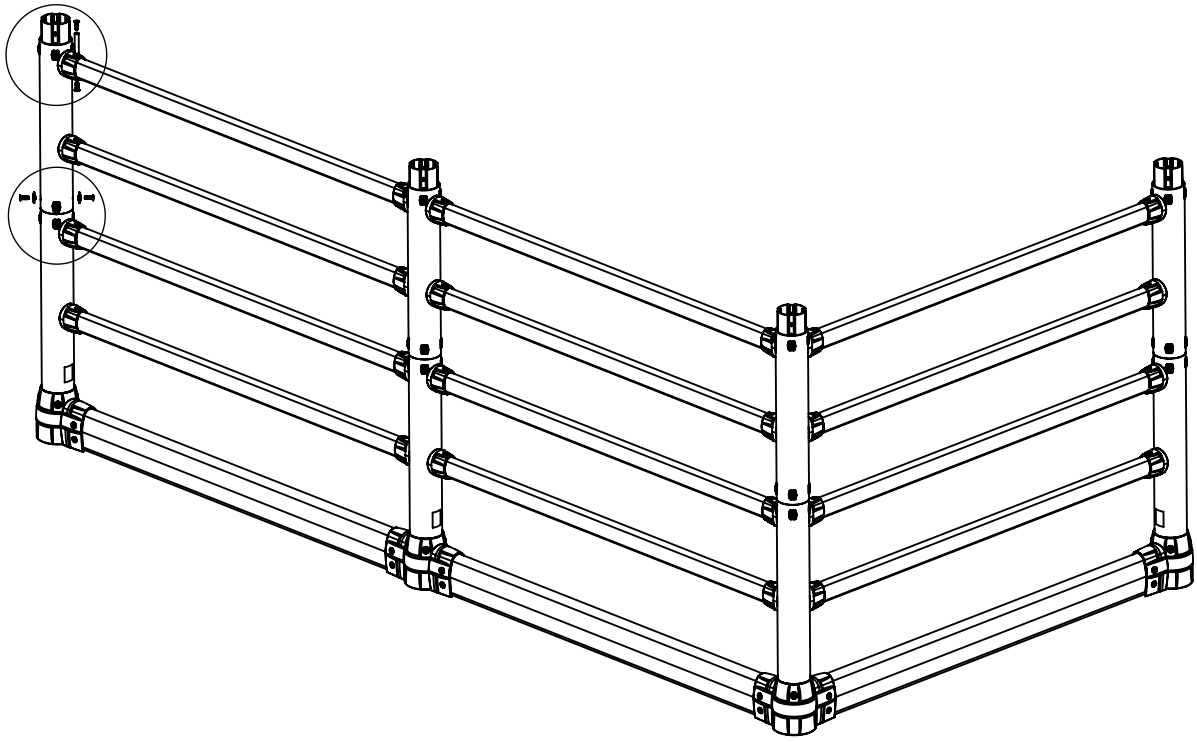


Hex Bit 8mm [5/16in]



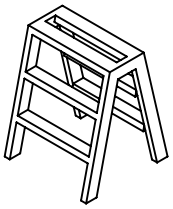
Step Ladder



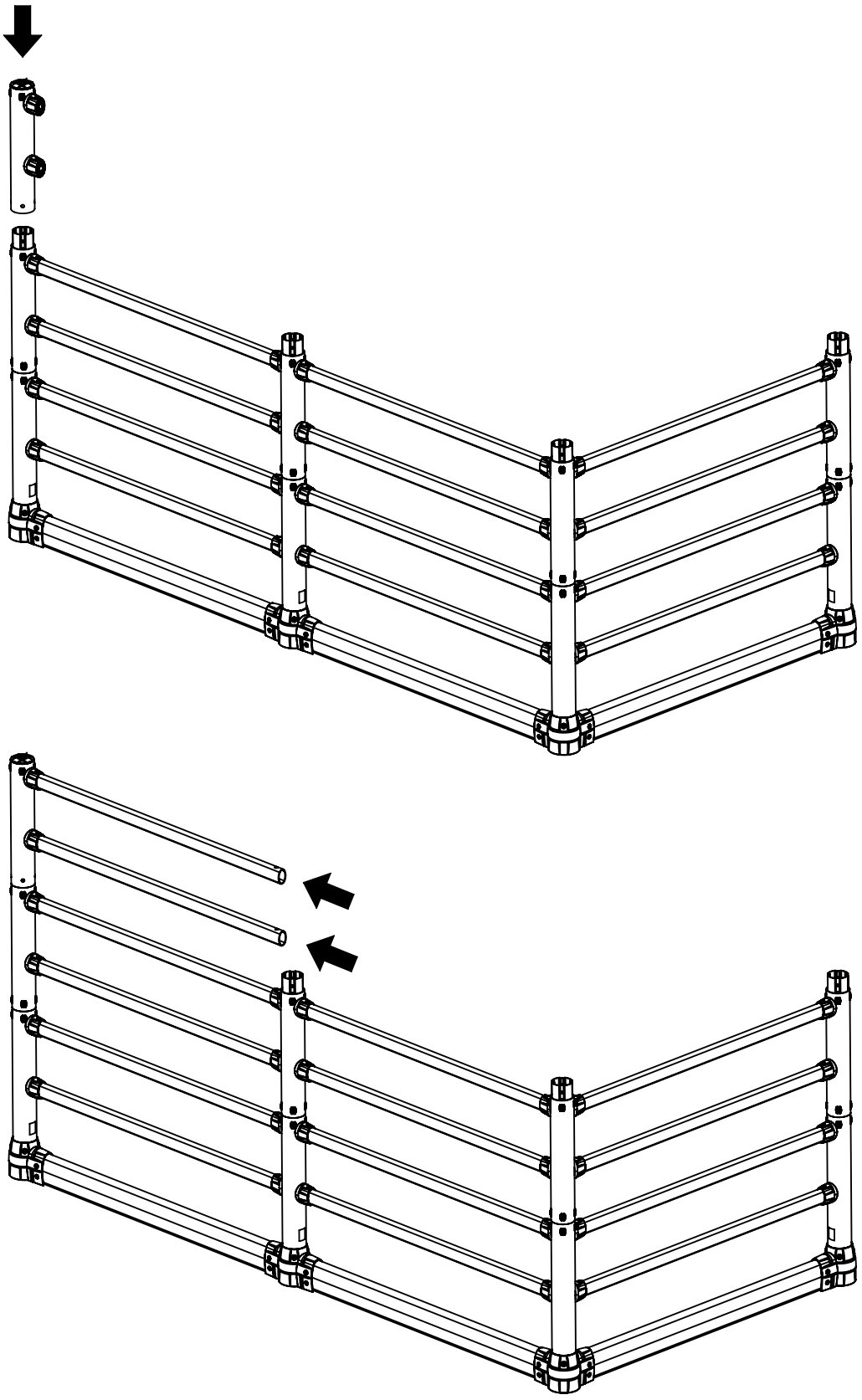


REPEAT FOR ALL POSTS AND RAILS

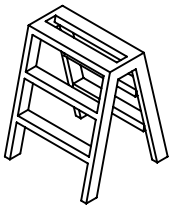
Step 17



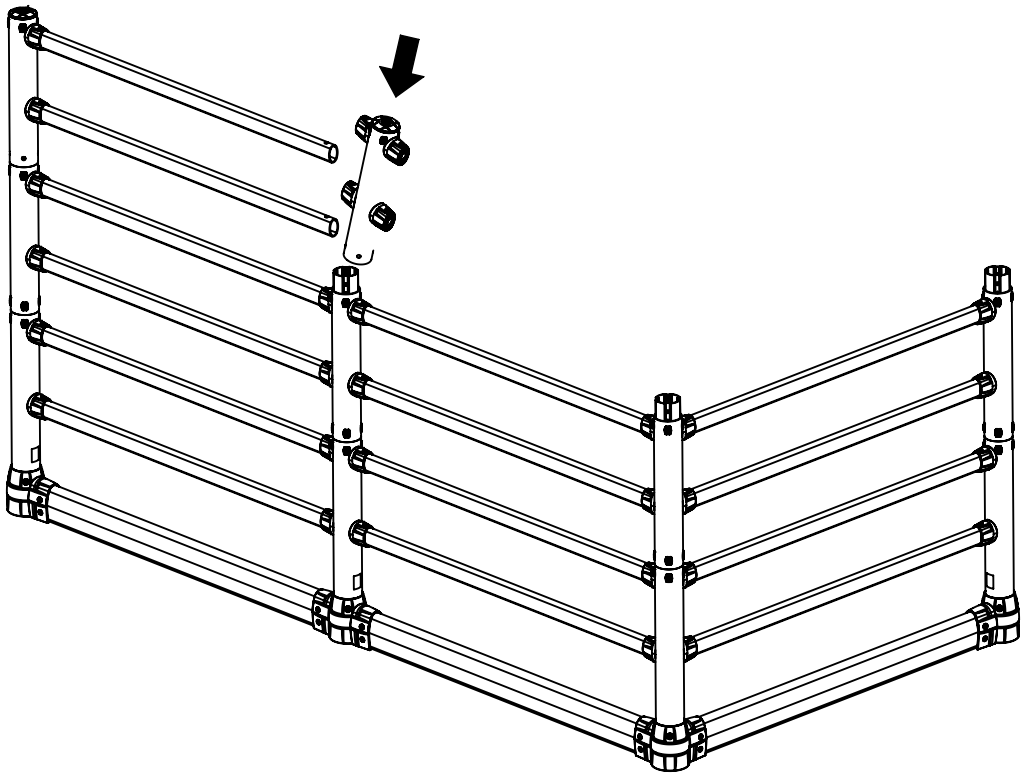
Step Ladder

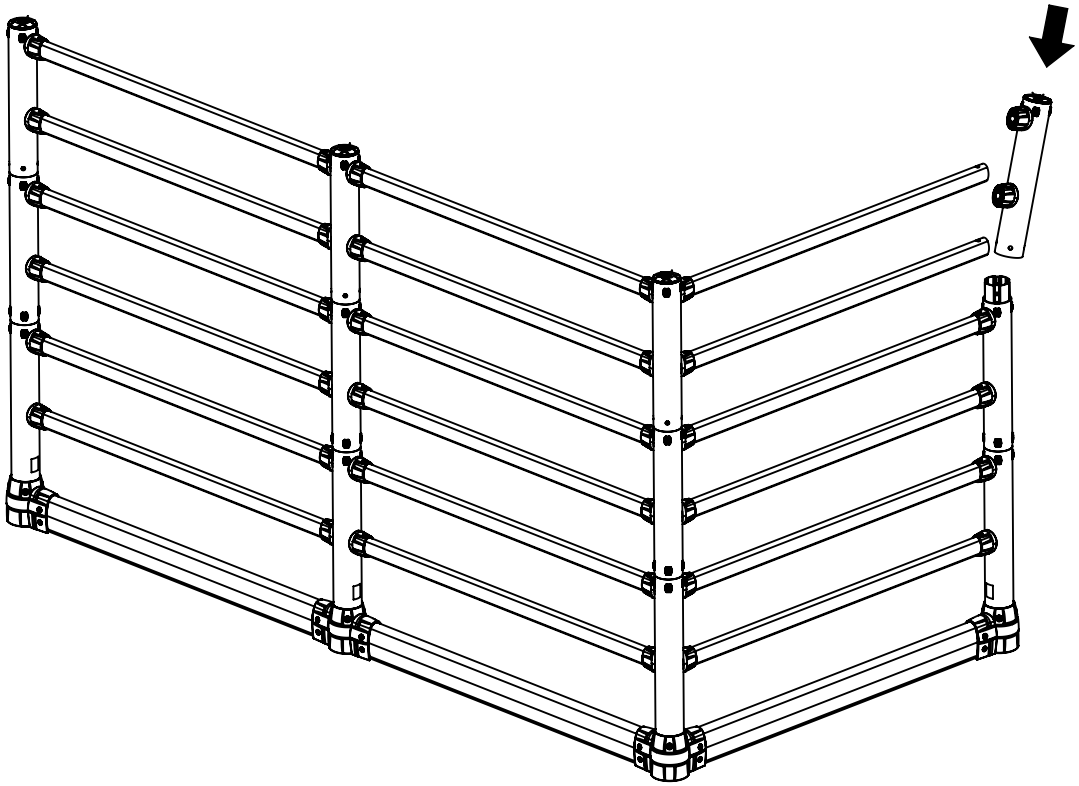


Step 17 (cont.)

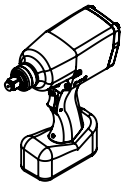


Step Ladder





Step 18



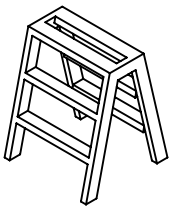
Impact Driver



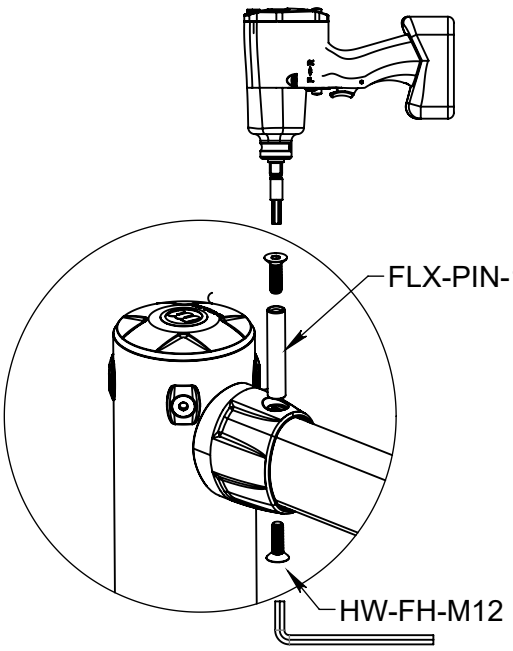
Hex Key 8mm [5/16in]

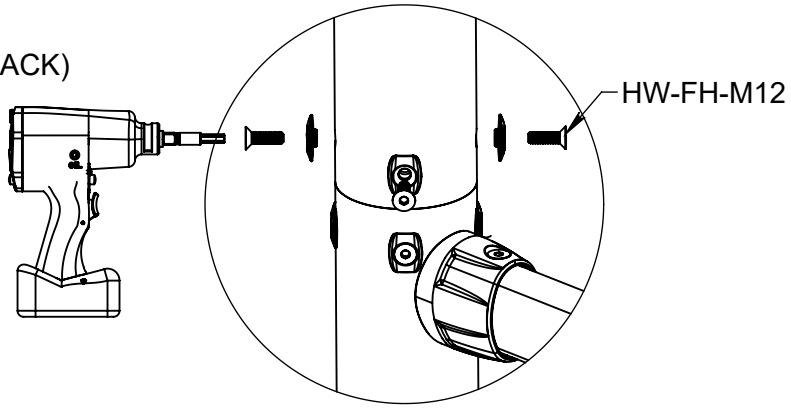


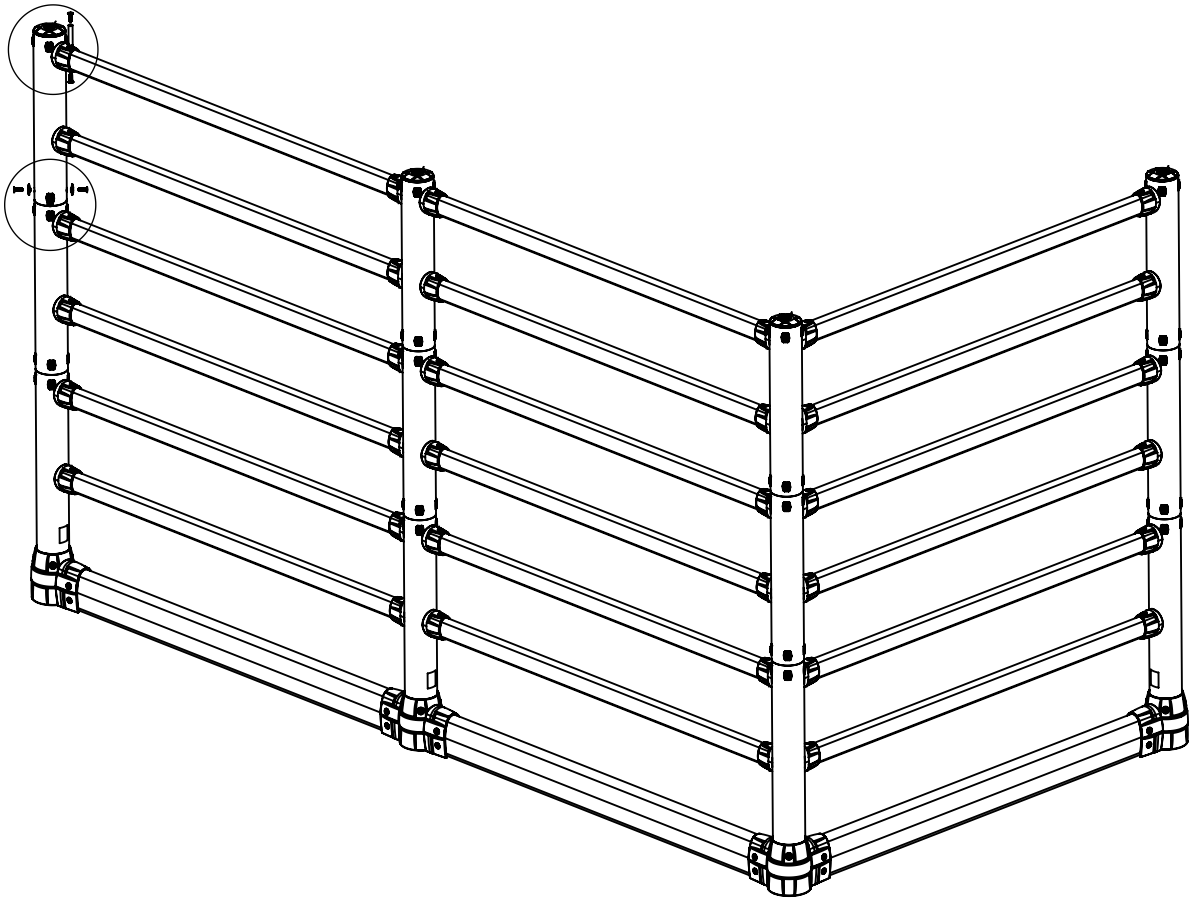
Hex Bit 8mm [5/16in]



Step Ladder



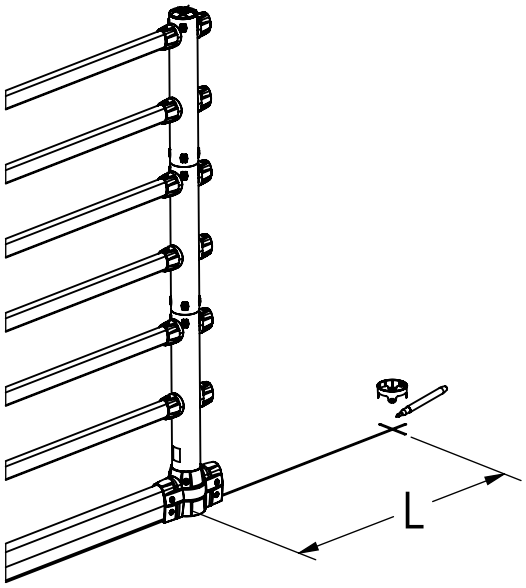




REPEAT FOR ALL POSTS AND RAILS

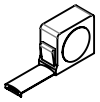
Appendix A: Custom Length Rails

Step A1



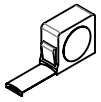


Marker

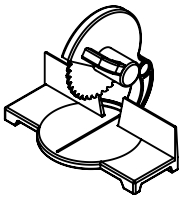


Measuring Tape

Step A2

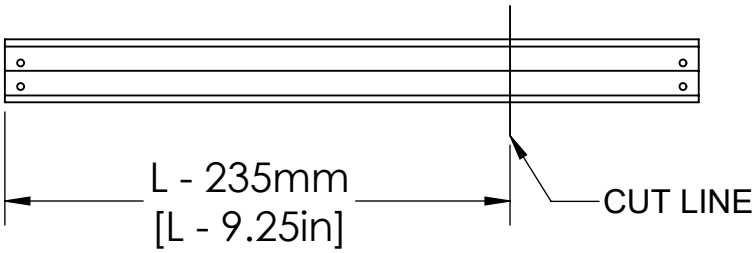


Measuring Tape

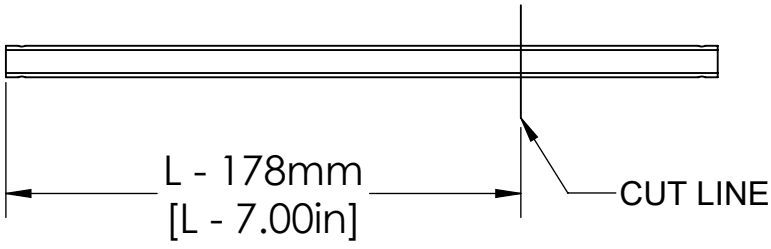


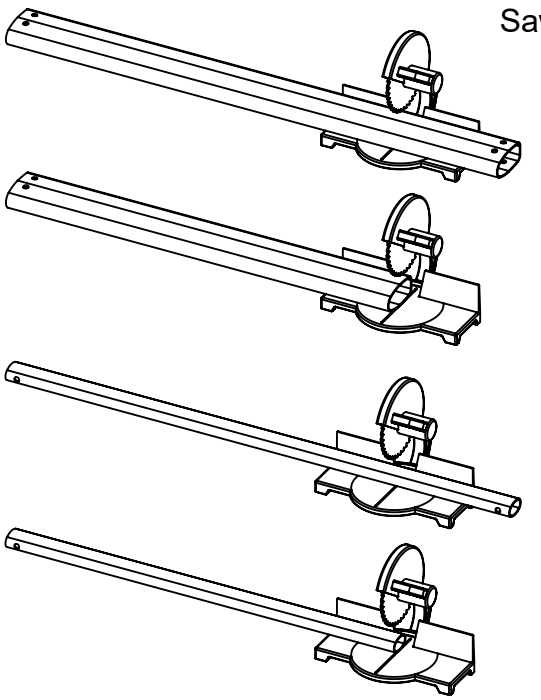
Mitre Saw

Ground Guard Rail
FGG-C-R-8

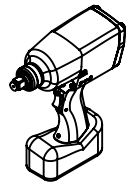


Top Rail
FTR-C-R-8

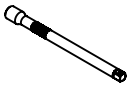




Step A3



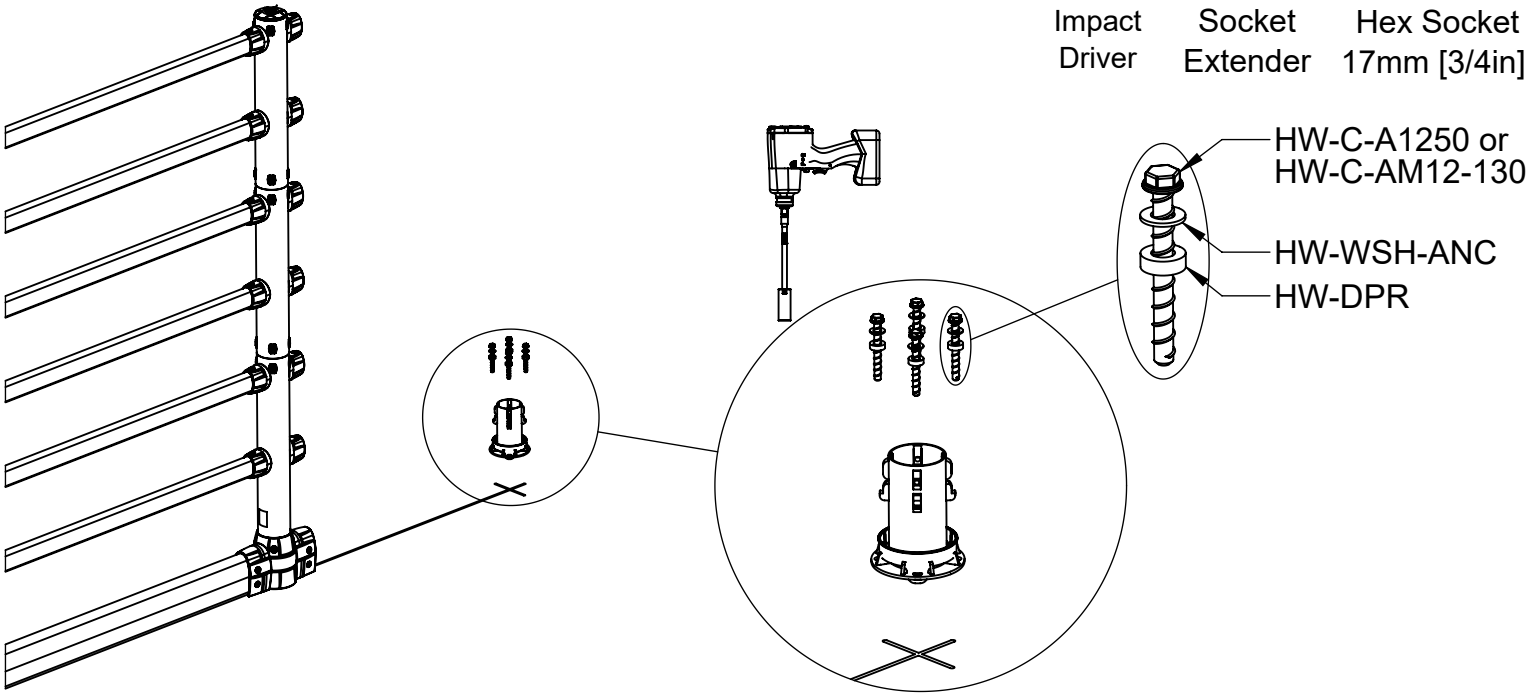
Impact Driver



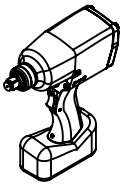
Socket Extender



Hex Socket 17mm [3/4in]



Step A4



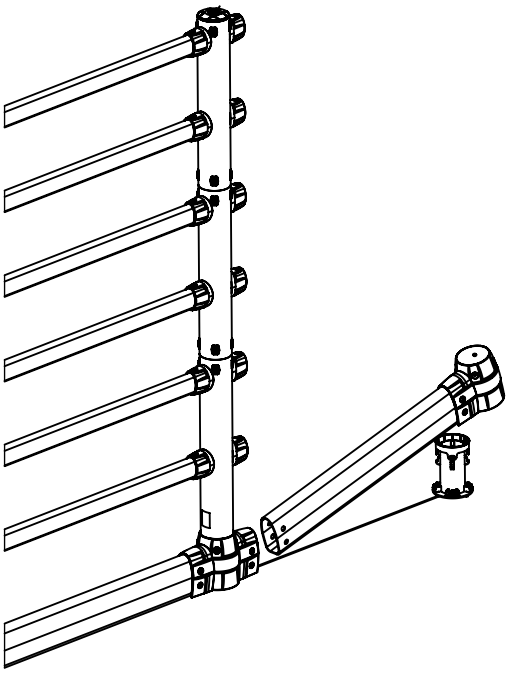
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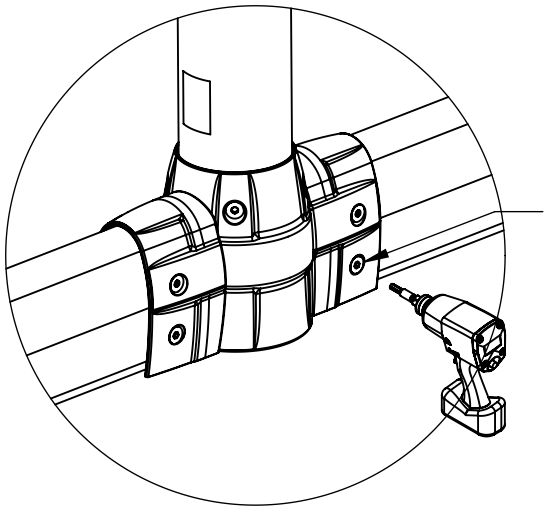


Hex Key 8mm [5/16in]

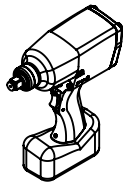


Hex Bit 8mm [5/16in]





Step A5



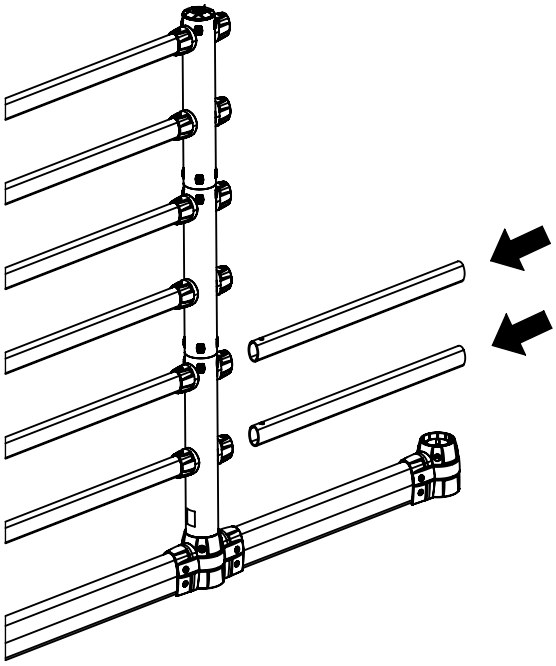
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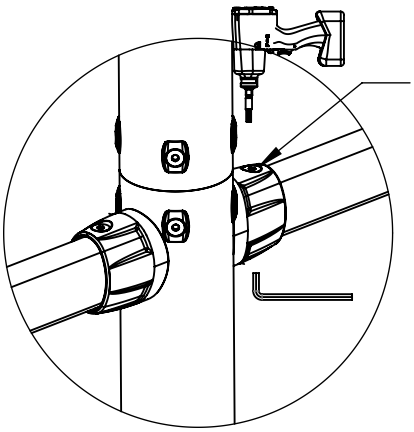


Hex Key 8mm [5/16in]

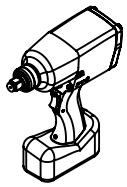


Hex Bit 8mm [5/16in]





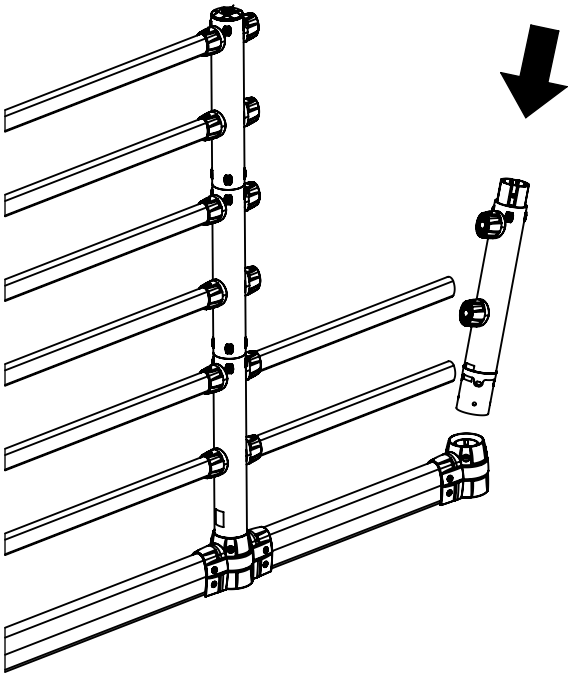
Step A6

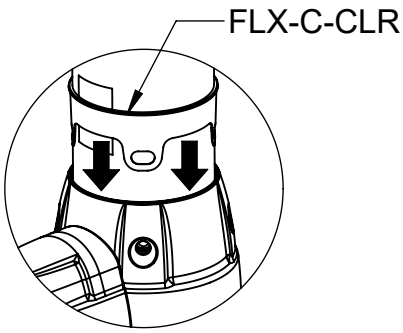


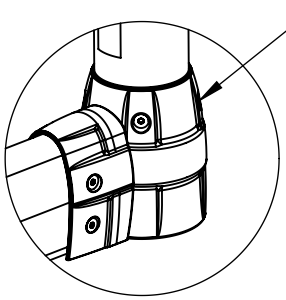
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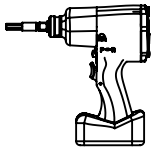


Hex Bit 8mm [5/16in]

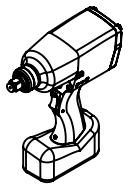








Step A7



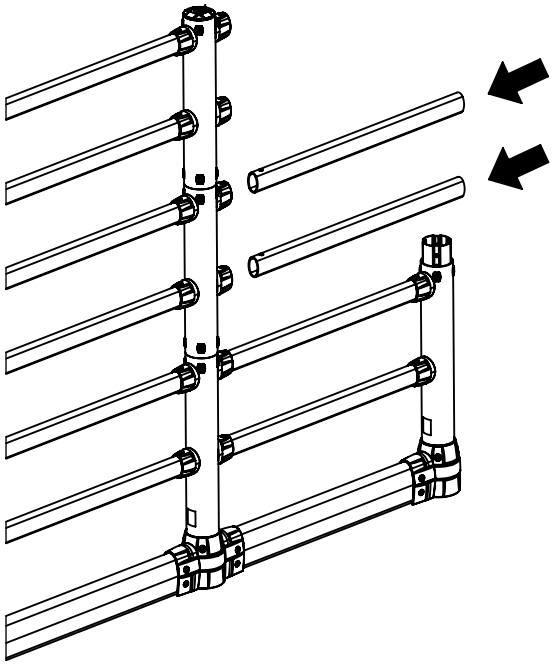
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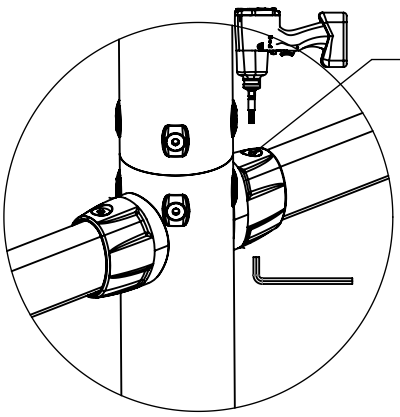


Hex Key 8mm [5/16in]

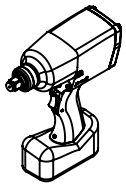


Hex Bit 8mm [5/16in]





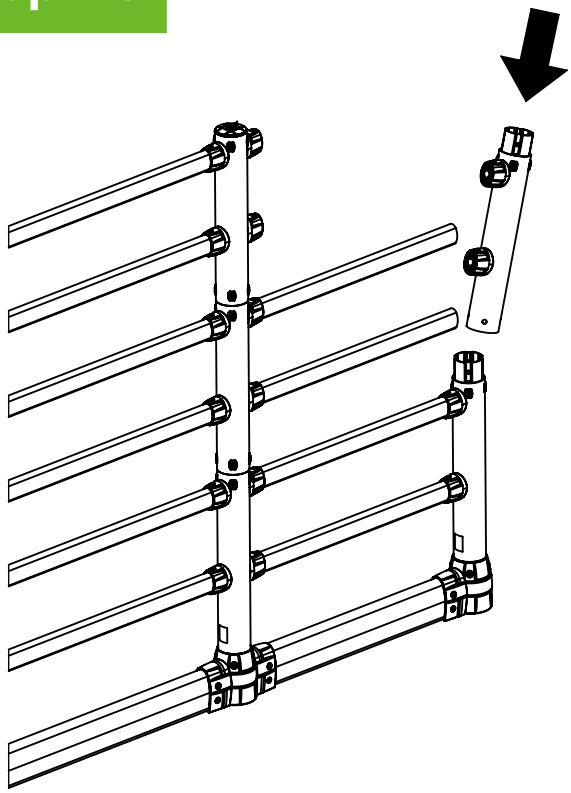
Step A8

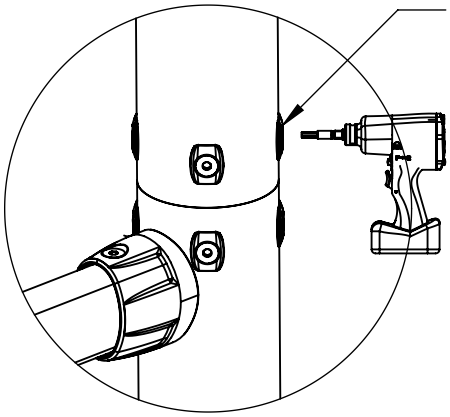


Impact Driver

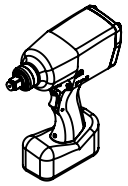


Hex Bit 8mm [5/16in]





Step A9



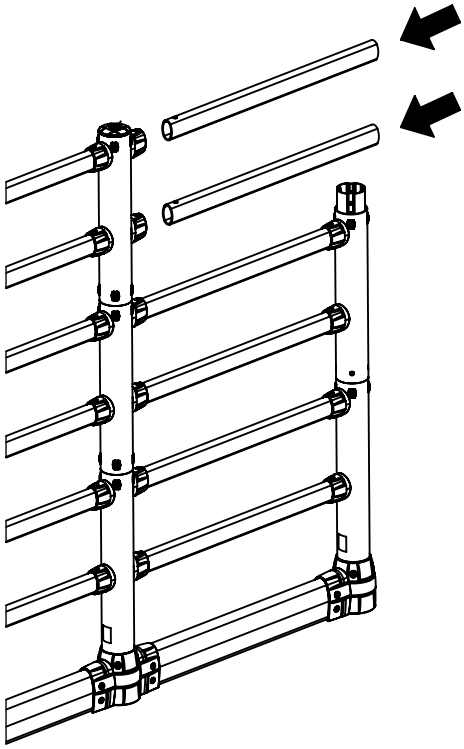
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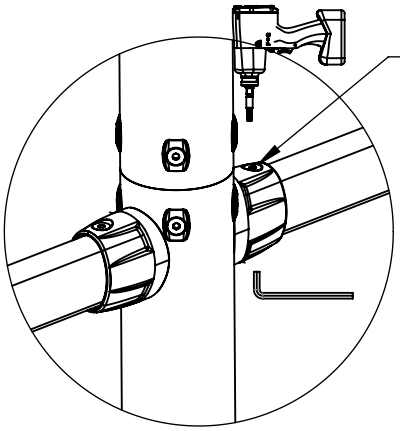


Hex Key 8mm [5/16in]

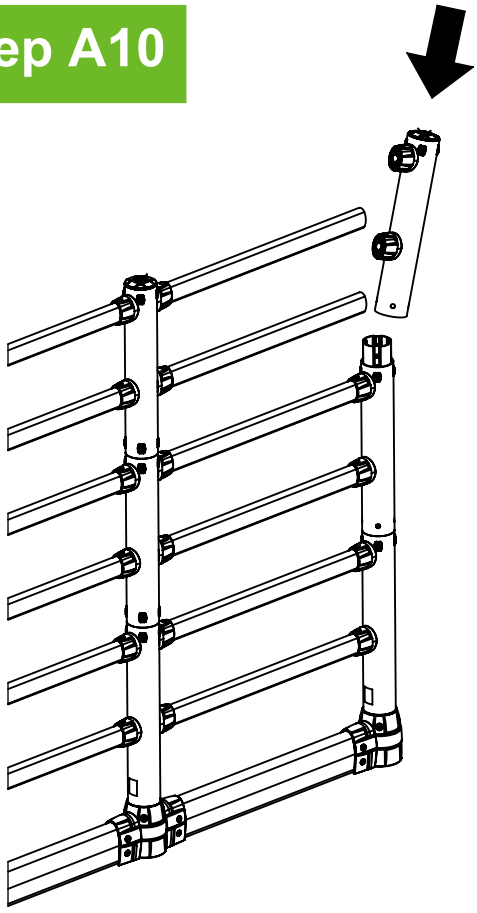


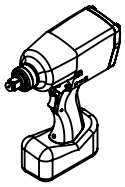
Hex Bit 8mm [5/16in]





Step A10

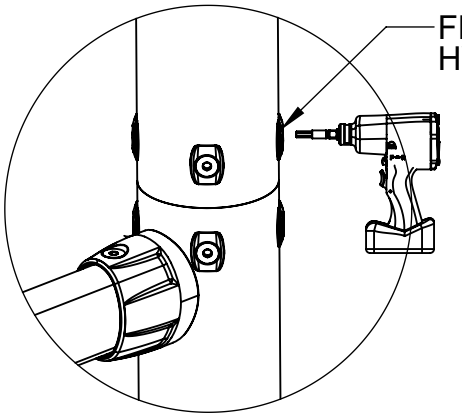




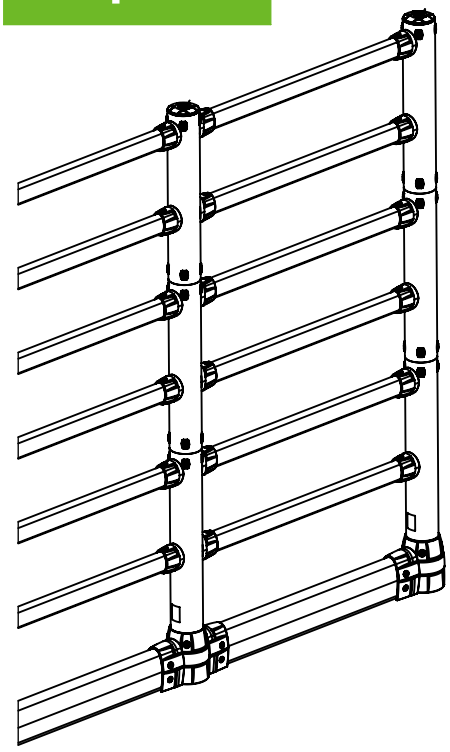
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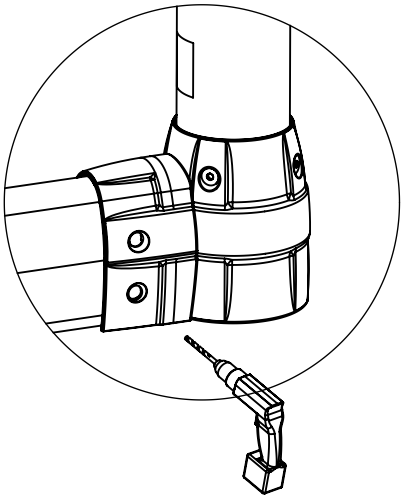


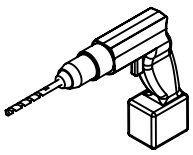
Hex Bit 8mm [5/16in]



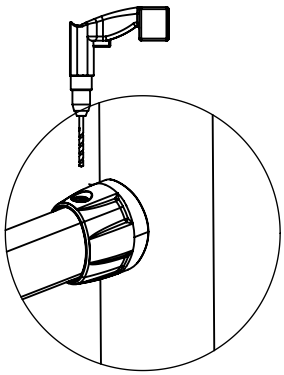
Step A11





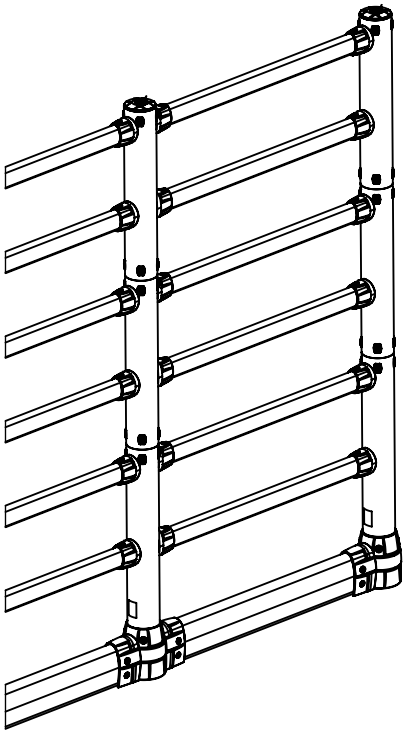


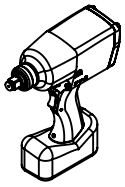
Drill with
20mm [3/4in] Bit



REPEAT AS NEEDED

Step A12





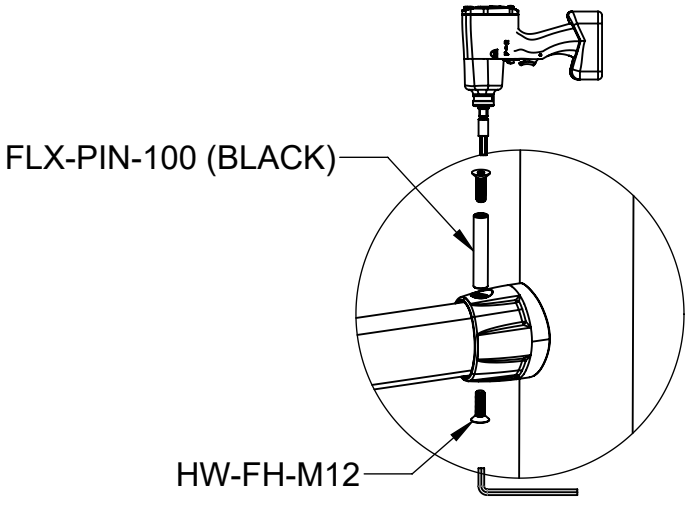
Impact
Driver



Hex Key
8mm [5/16in]



Hex Bit
8mm [5/16in]



REPEAT FOR ALL REMAINING RAIL CONNECTORS

Installation Complete

