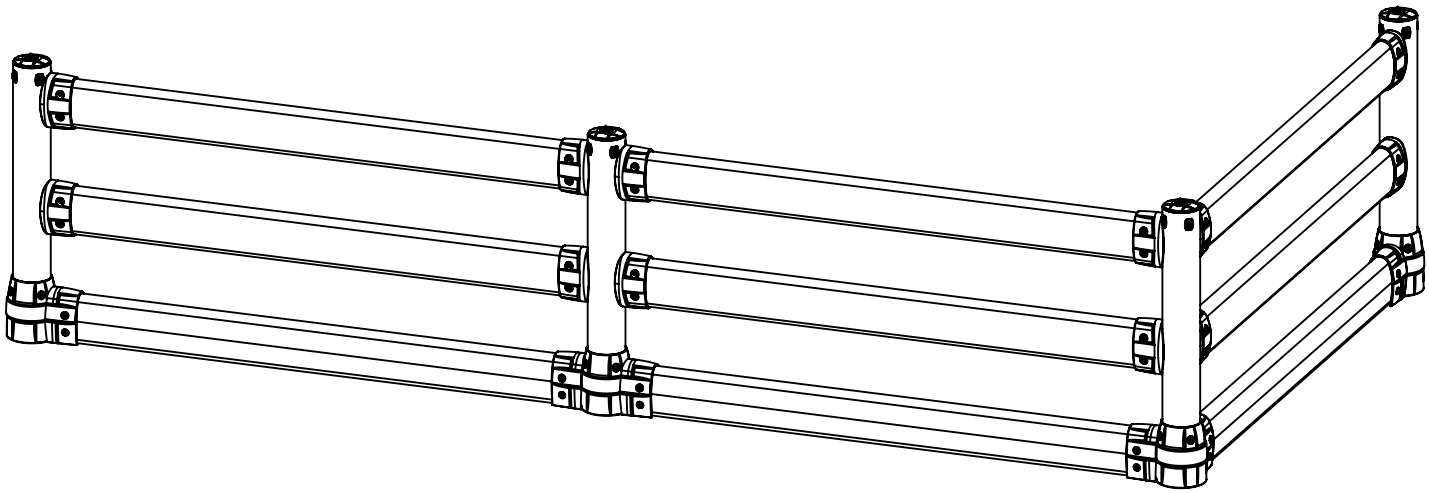
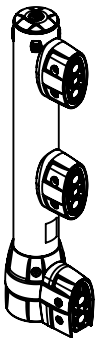
FLEX+ Guardrail with Ground Guard

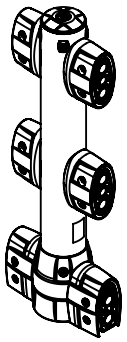
Installation Instructions



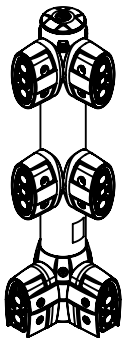
Kits



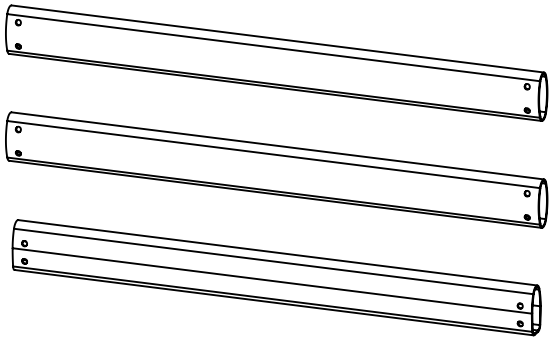
FGR-GG-K-END
Guardrail with
Ground Guard
End Post



FGR-GG-K-MID
Guardrail with
Ground Guard
Mid Post



FGR-GG-K-CNR
Guardrail with
Ground Guard
Corner Post



FGR-GG-K-R-8
Guardrail 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

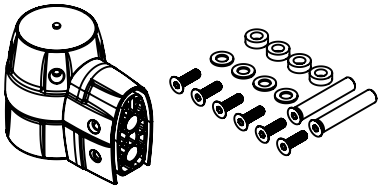
McCue Europe
Magirus-Deutz-Straße 14
89077 Ulm, Germany
+49 731 40 38 82 68
eusales@mccue.com

mccue.com

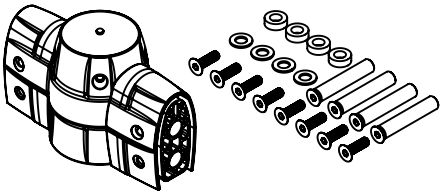
FLEX+ Guardrail with Ground Guard

Installation Instructions

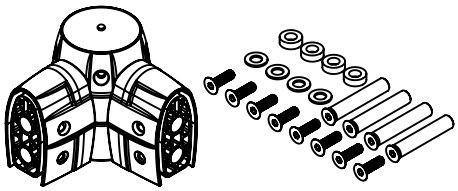
Components



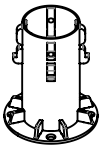
FLX-C-B-END
PolyCore Base End, Collar and Hardware



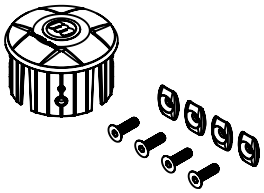
FLX-C-B-MID
PolyCore Base Mid, Collar and Hardware



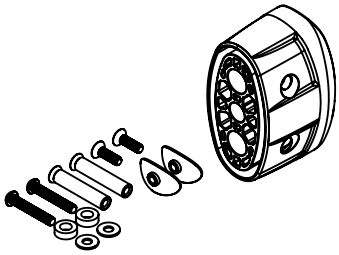
FLX-C-B-CNR
PolyCore Base Corner, Collar and Hardware



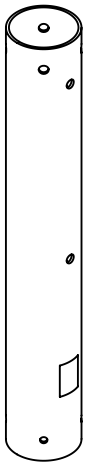
FLX-COR
Base Core



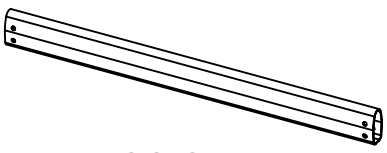
FLX-C-CAP
Cap, Post Washers and Hardware



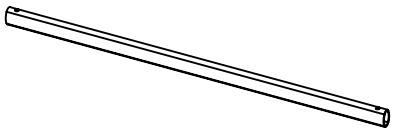
FLX-C-GRC
Guardrail Connector and Hardware



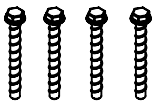
FPG-C-P-END
FPG-C-P-MID
FPG-C-P-CNR
Post



FGG-C-R-8
Ground Guard Rail



FTR-C-R-8
Top Rail



HW-C-A1250 OR
HW-C-AM12-130
Concrete Anchors

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

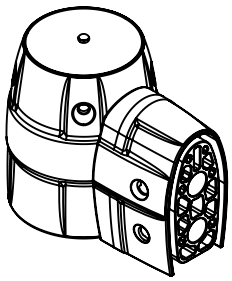
McCue Asia
Xiamen, Fujian, China
+8 592 2200790
rchen@mccue.com

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

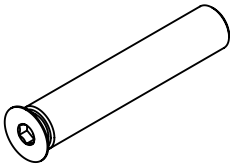
mccue.com

Components

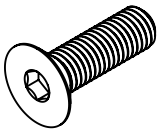
PolyCore Base End
FLX-C-B-END



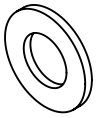
Base Cover End
FLX-BCV-END
QTY: 1



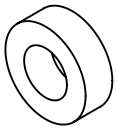
100mm Pin (Black)
FLX-PIN-100
QTY: 2



Flat Head Screw
HW-FH-M12
QTY: 6

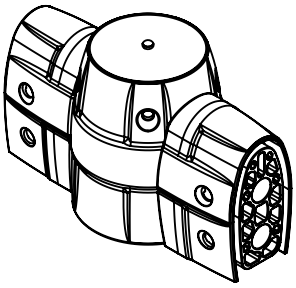


Anchor Washer
HW-WSH-ANC
QTY: 4

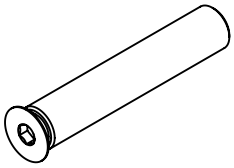


Damper
HW-DPR
QTY: 4

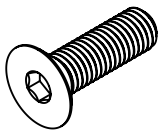
PolyCore Base Mid
FLX-C-B-MID



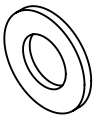
Base Cover Mid
FLX-BCV-MID
QTY: 1



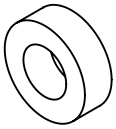
100mm Pin (Black)
FLX-PIN-100
QTY: 4



Flat Head Screw
HW-FH-M12
QTY: 8

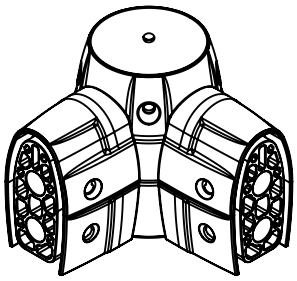


Anchor Washer
HW-WSH-ANC
QTY: 4

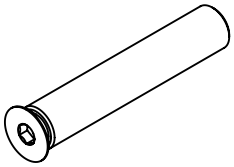


Damper
HW-DPR
QTY: 4

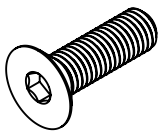
PolyCore Base Corner
FLX-C-B-CNR



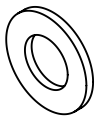
Base Cover Corner
FLX-BCV-CNR
QTY: 1



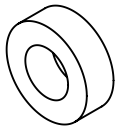
100mm Pin (Black)
FLX-PIN-100
QTY: 4



Flat Head Screw
HW-FH-M12
QTY: 8



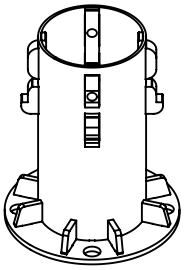
Anchor Washer
HW-WSH-ANC
QTY: 4



Damper
HW-DPR
QTY: 4

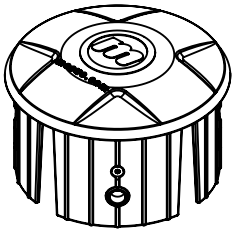
Components

Base Core
FLX-COR

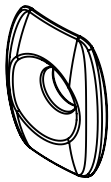


Base Core
FLX-COR

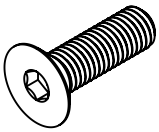
Cap
FLX-C-CAP



Cap
FLX-CAP
QTY: 1

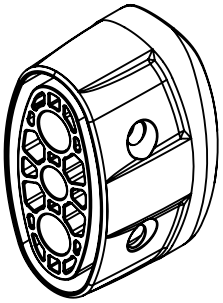


Post Washer
FLX-WSH
QTY: 4

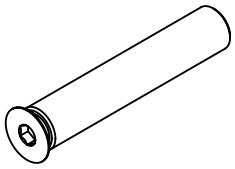


Flat Head Screw
HW-FH-M12
QTY: 4

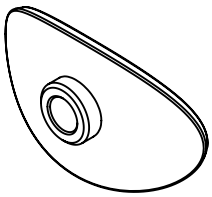
Guardrail Connector
FLX-C-GRC



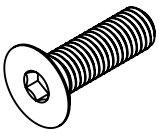
Guardrail Connector
FLX-GRC
QTY: 1



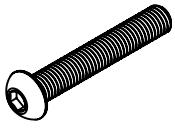
85mm Pin (Yellow)
FLX-PIN-85
QTY: 2



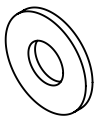
FastFit Insert
FLX-INS
QTY: 2



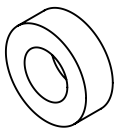
Flat Head Screw
HW-FH-M12
QTY: 2



Button Head Screw
HW-BH-M12
QTY: 2



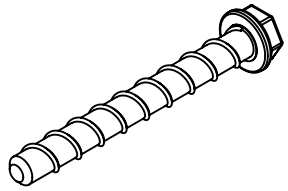
Connector Washer
HW-WSH-M12
QTY: 2



Damper
HW-DPR
QTY: 2

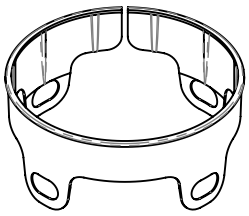
Components

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



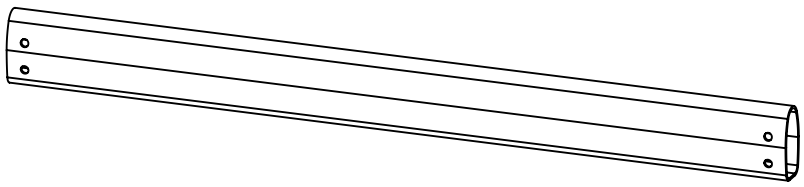
Concrete Anchor
HW-C-A1250 or
HW-C-AM12-130

Collar
FLX-C-CLR



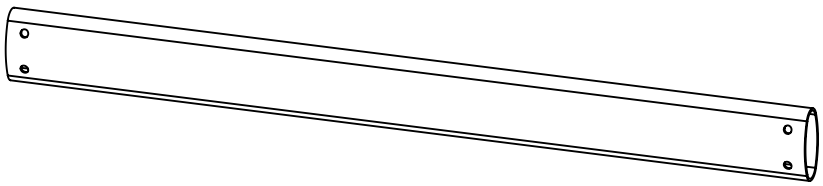
Collar
FLX-C-CLR

Ground Guard Rail
FGG-C-R-8



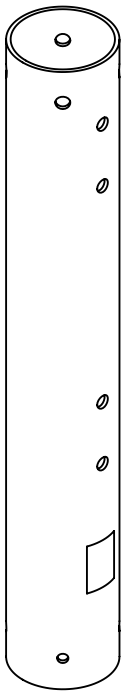
Ground Guard Rail
FGG-C-R-8

Guardrail Rail
FGR-C-R-8



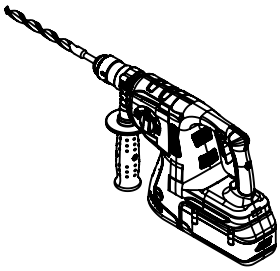
Guardrail Rail
FGR-C-R-8

Post
FGR-C-P-XXX

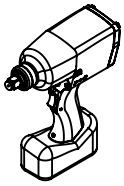


Post
FGR-C-P-END
FGR-C-P-MID
FGR-C-P-CNR

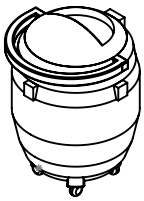
Required Tools



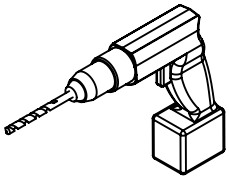
Hammer Drill With
∅12mm [1/2in] Masonry Bit



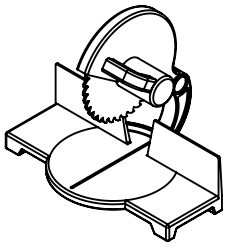
Impact
Driver



Vacuum



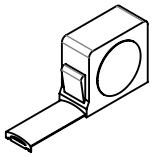
Drill with
∅20mm [3/4in] Bit



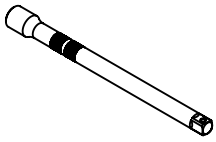
Mitre Saw



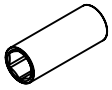
Hex Key
8mm [5/16in]



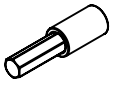
Measuring Tape



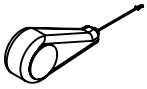
Socket Extender



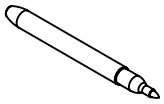
Hex Socket
17mm [3/4in]



Hex Bit
8mm [5/16in]



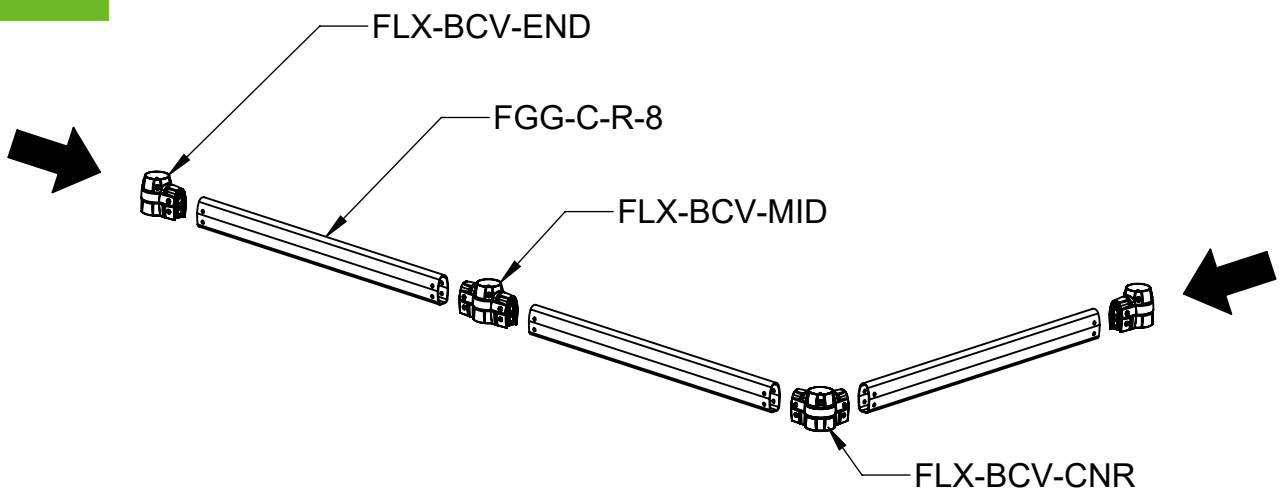
Chalk Line



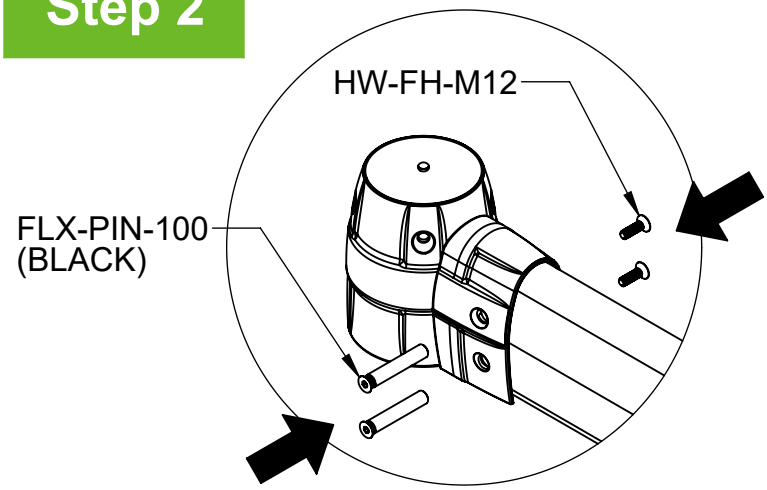
Marker

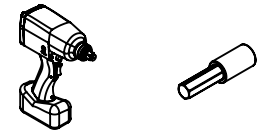
PPE recommended: High Visibilty Vest, Steel Toe Boots, Work Gloves, Ear Protection, Dust Mask, Eye Protection.

Step 1



Step 2



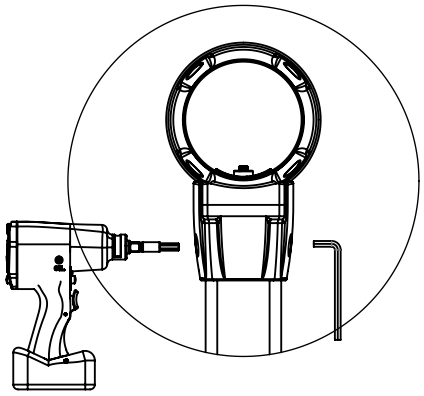


Impact Driver

Hex Bit 8mm [5/16in]



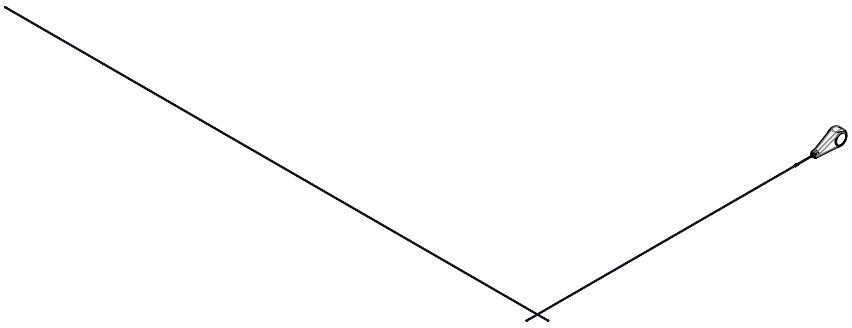
Hex Key 8mm [5/16in]



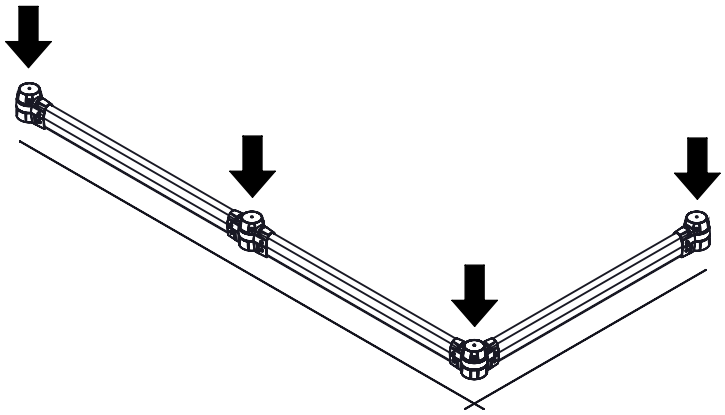
Step 3

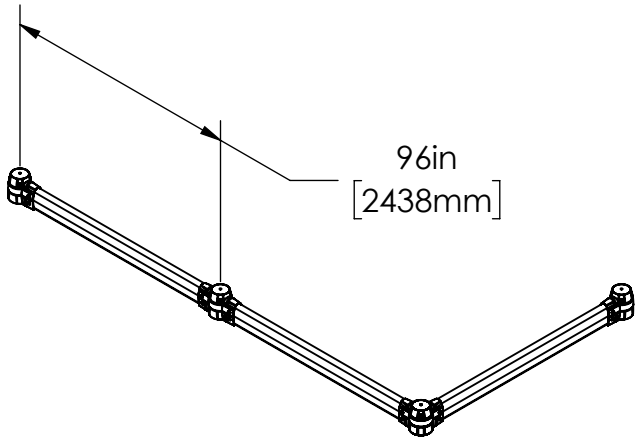


Chalk Line

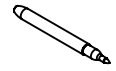


Step 4

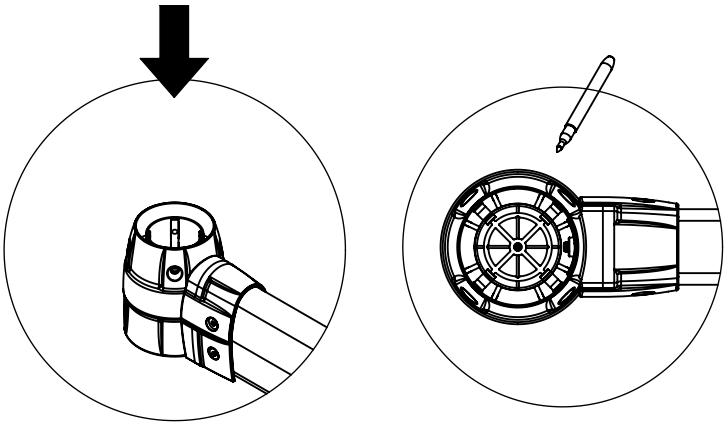


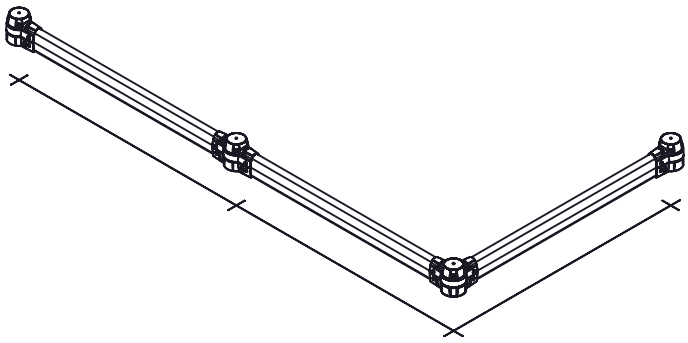


Step 5

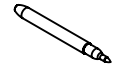


Marker

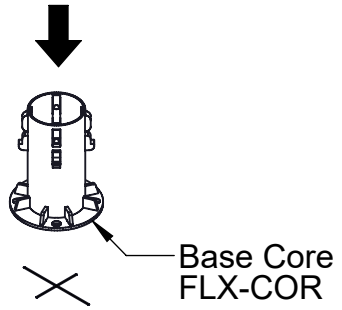


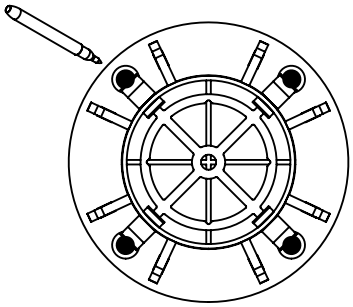


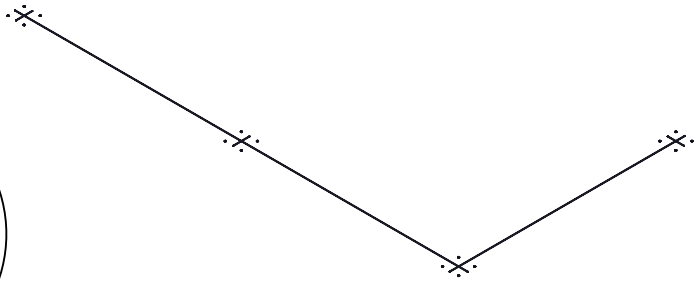
Step 6



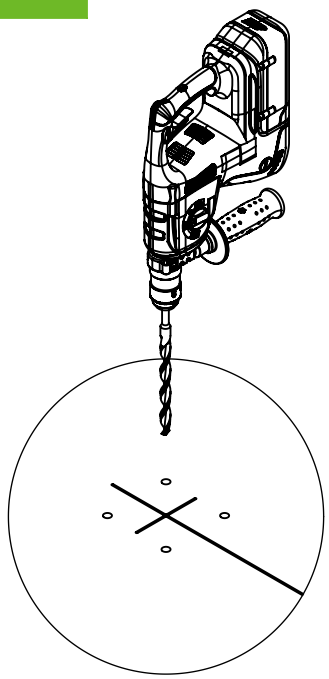
Marker

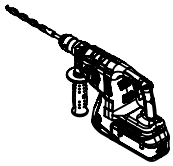






Step 7



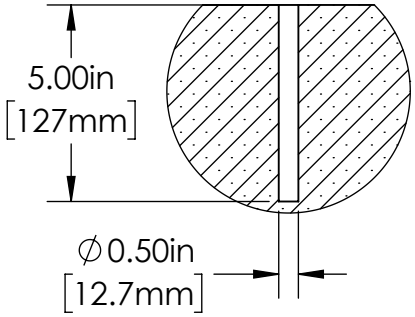


Hammer Drill With
∅12mm [1/2in]
Masonry Bit

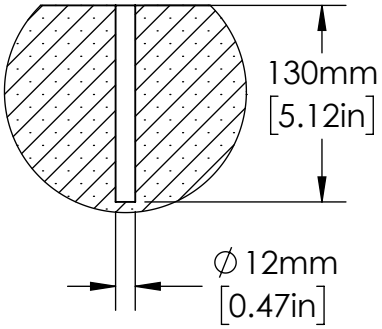


Vacuum

HOLE DETAIL
IMPERIAL
HW-C-A1250

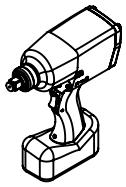


HOLE DETAIL
METRIC
HW-C-AM12-130

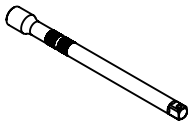


- **PPE recommended: High Visibilty Vest, Steel Toe Boots, Work Gloves, Ear Protection, Dust Mask, Eye Protection.**
- **Clean concrete dust by running the vacuum during drilling.**

Step 8



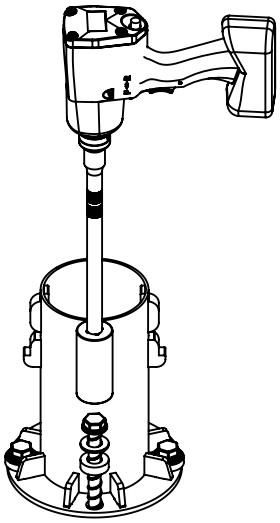
Impact
Driver

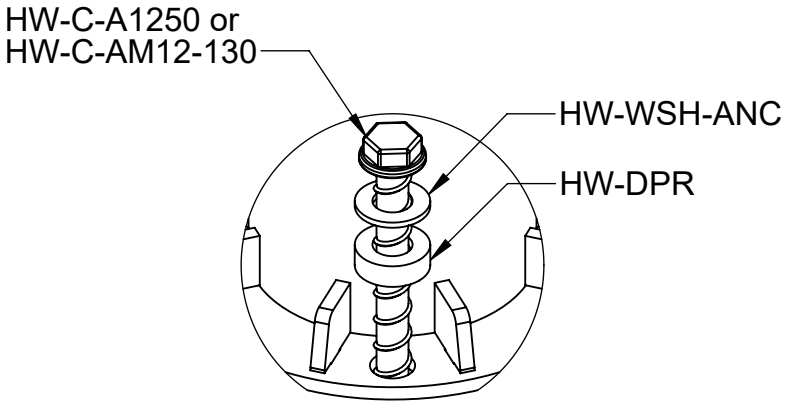


Extender



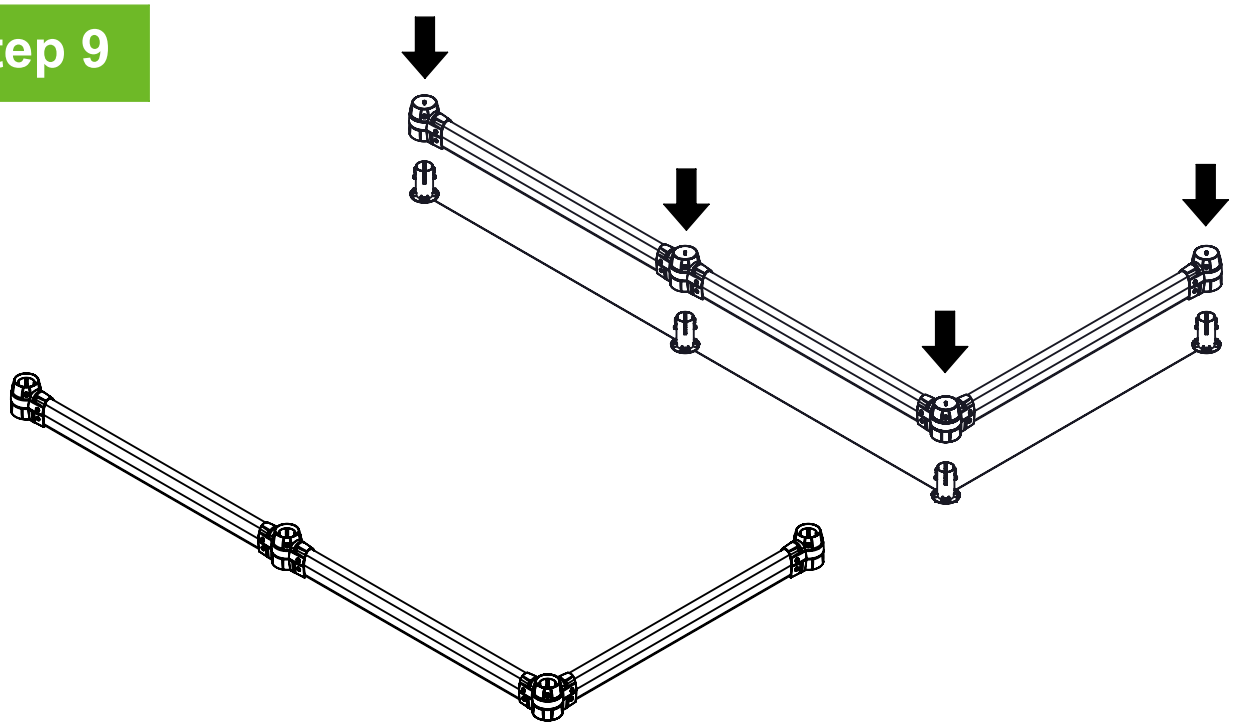
17mm [3/4in]
Hex Socket



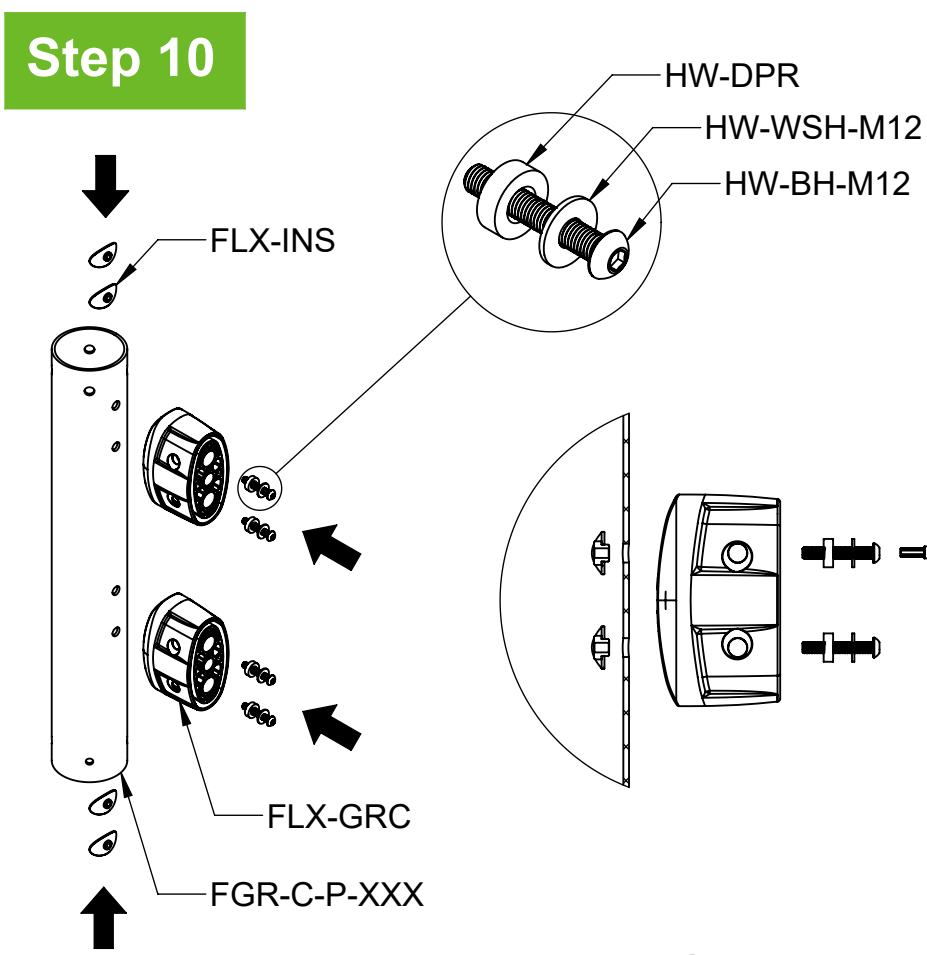


ANCHOR DETAIL

Step 9

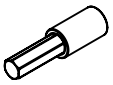


Step 10

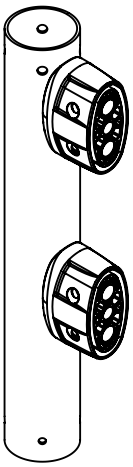




Impact Driver

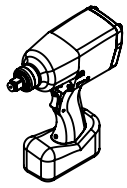


M8 [5/16in] Hex Bit

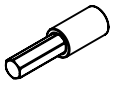


REPEAT FOR ALL POSTS

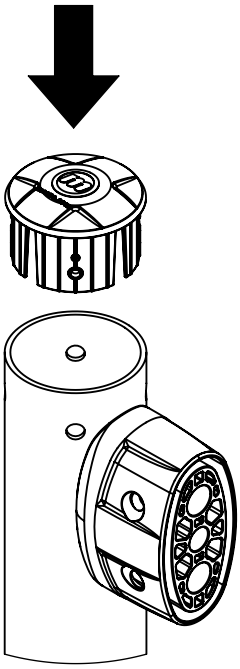
Step 11

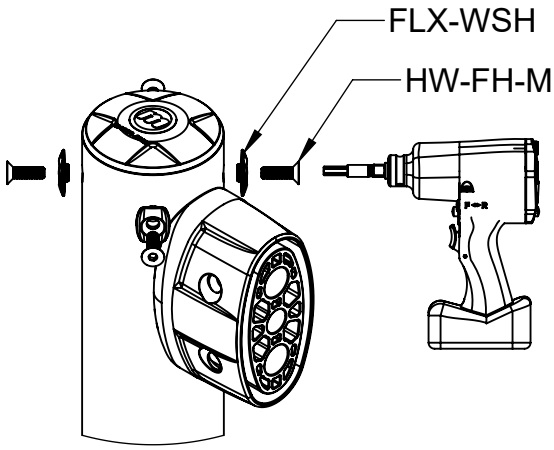


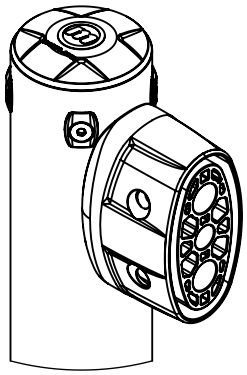
Impact Driver



Hex Bit 8mm [5/16in]

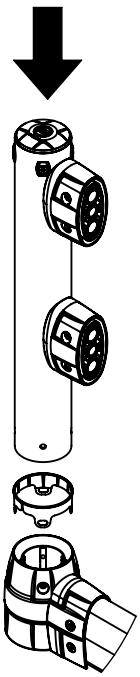


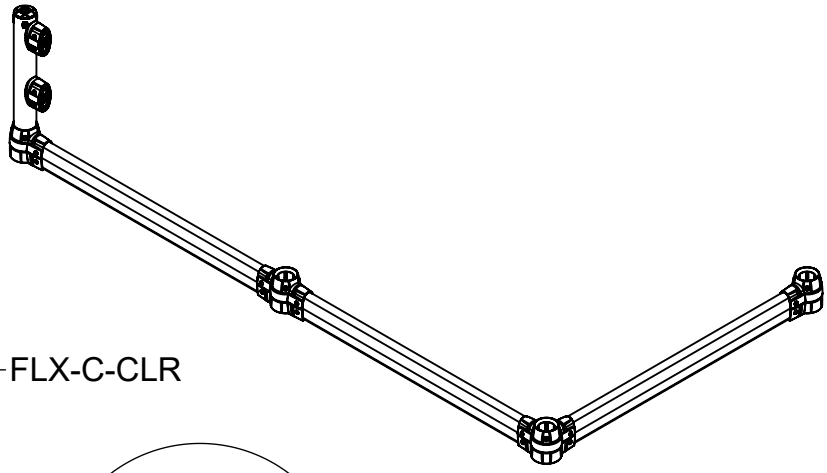


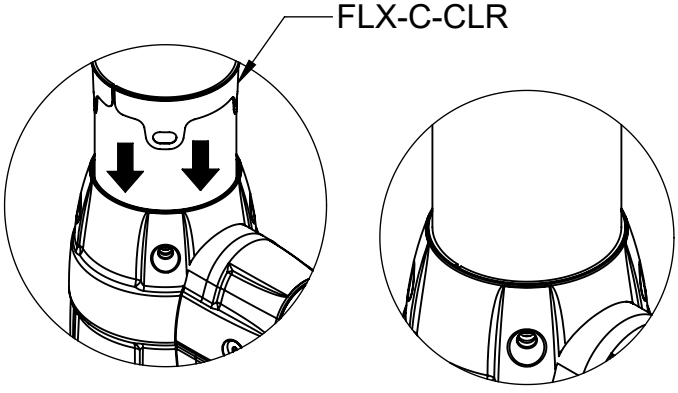


REPEAT FOR ALL POSTS

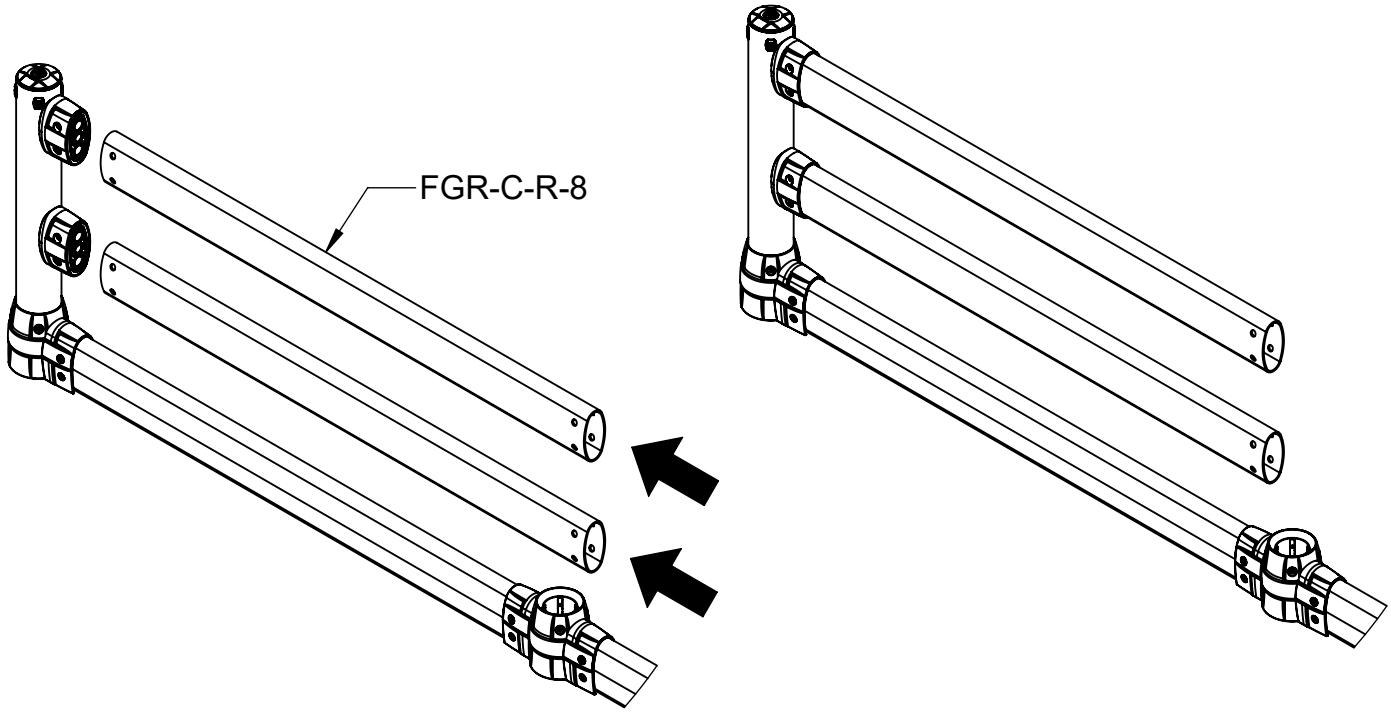
Step 12



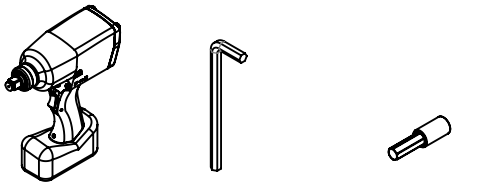


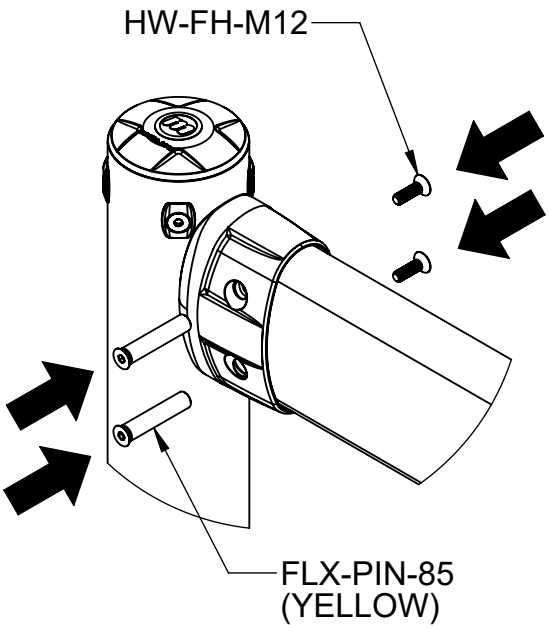


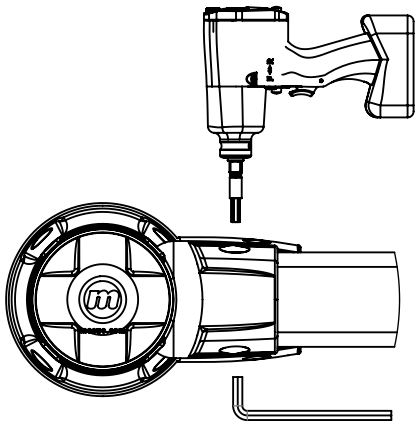
Step 13



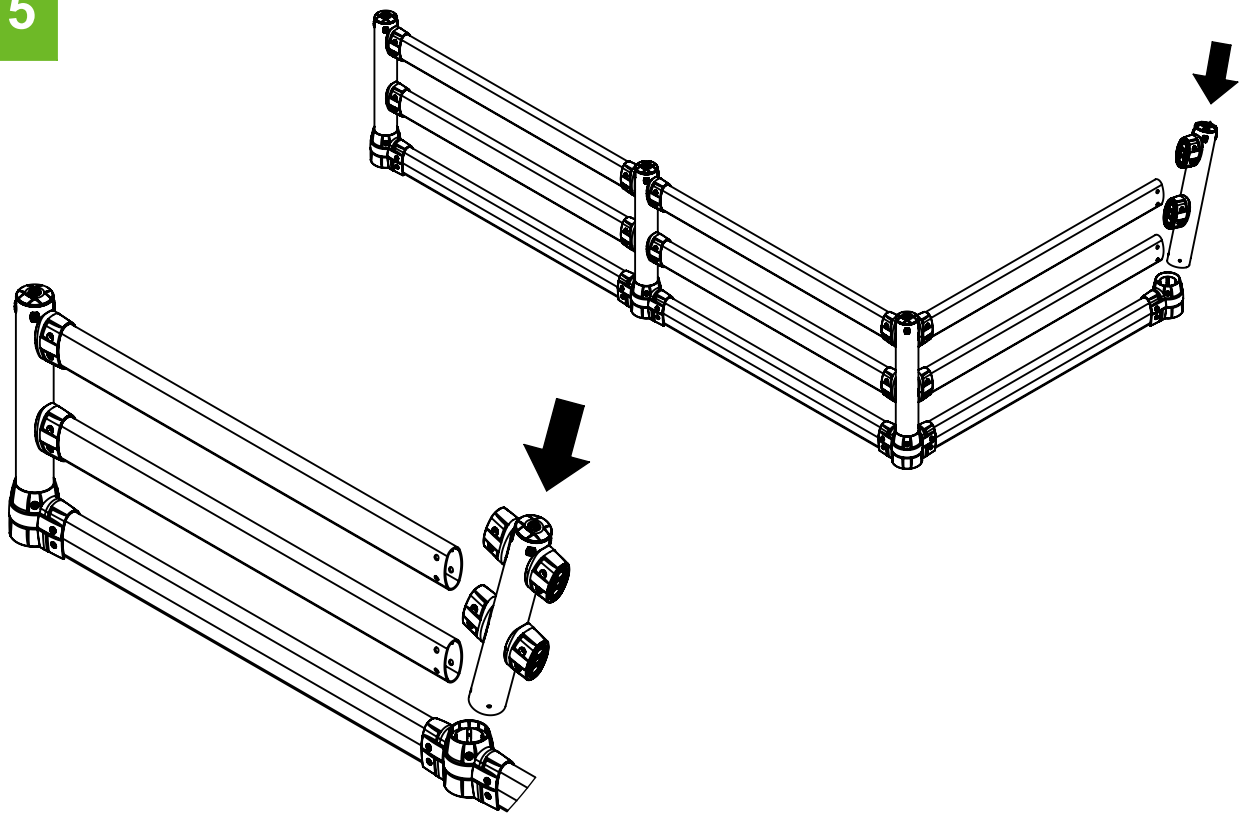
Step 14



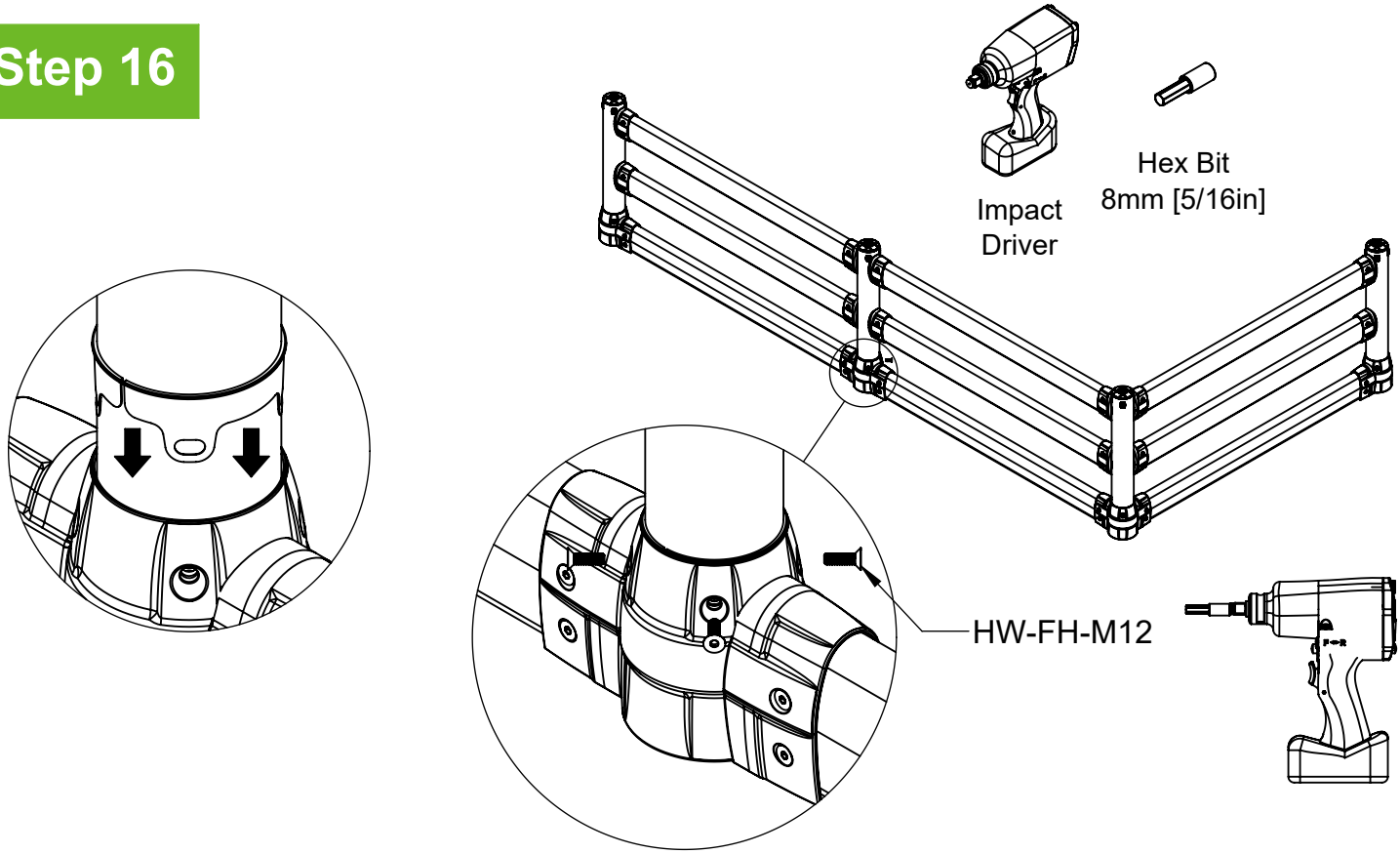




Step 15



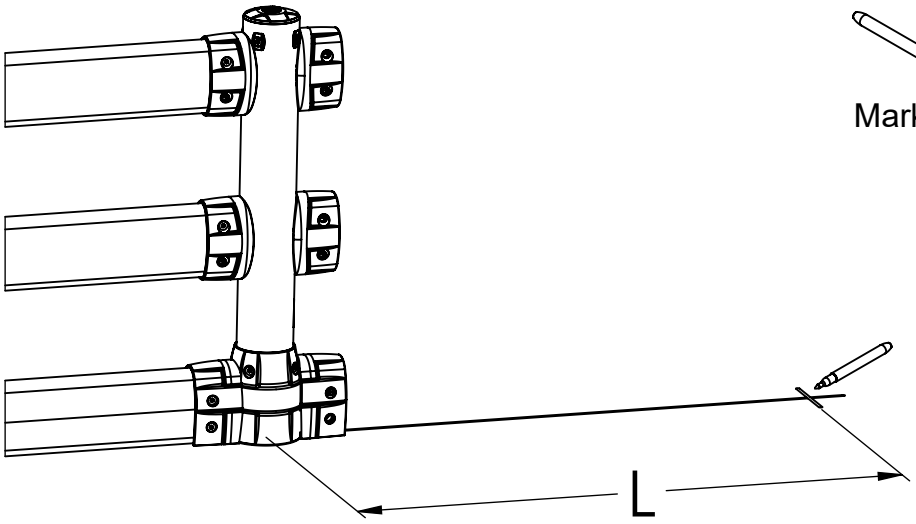
Step 16



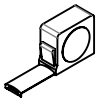
REPEAT FOR ALL POSTS

Appendix A: Custom Length Rails

Step A1

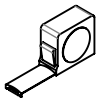


Marker

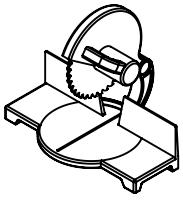


Measuring Tape

Step A2

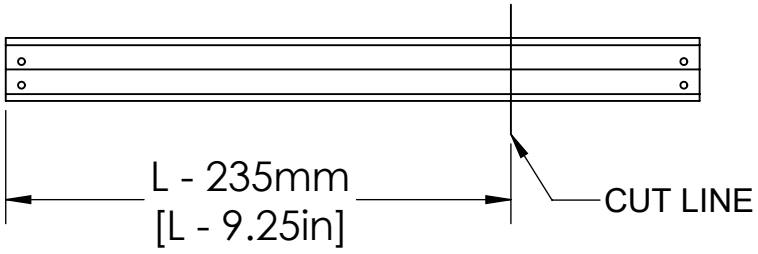


Measuring Tape

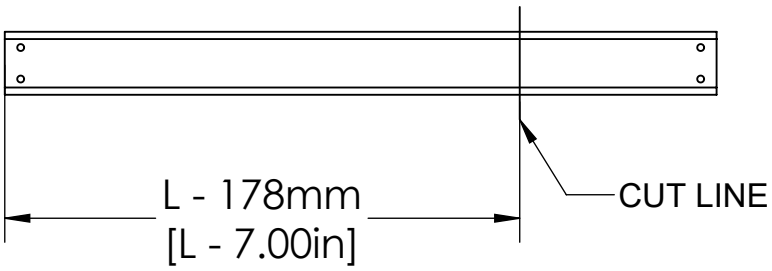


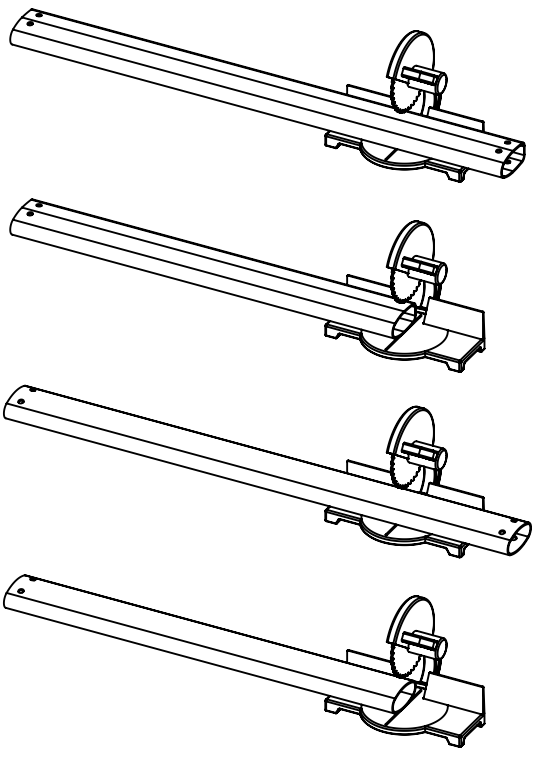
Mitre Saw

Ground Guard Rail
FGG-C-R-8



Guardrail Rail
FGR-C-R-8

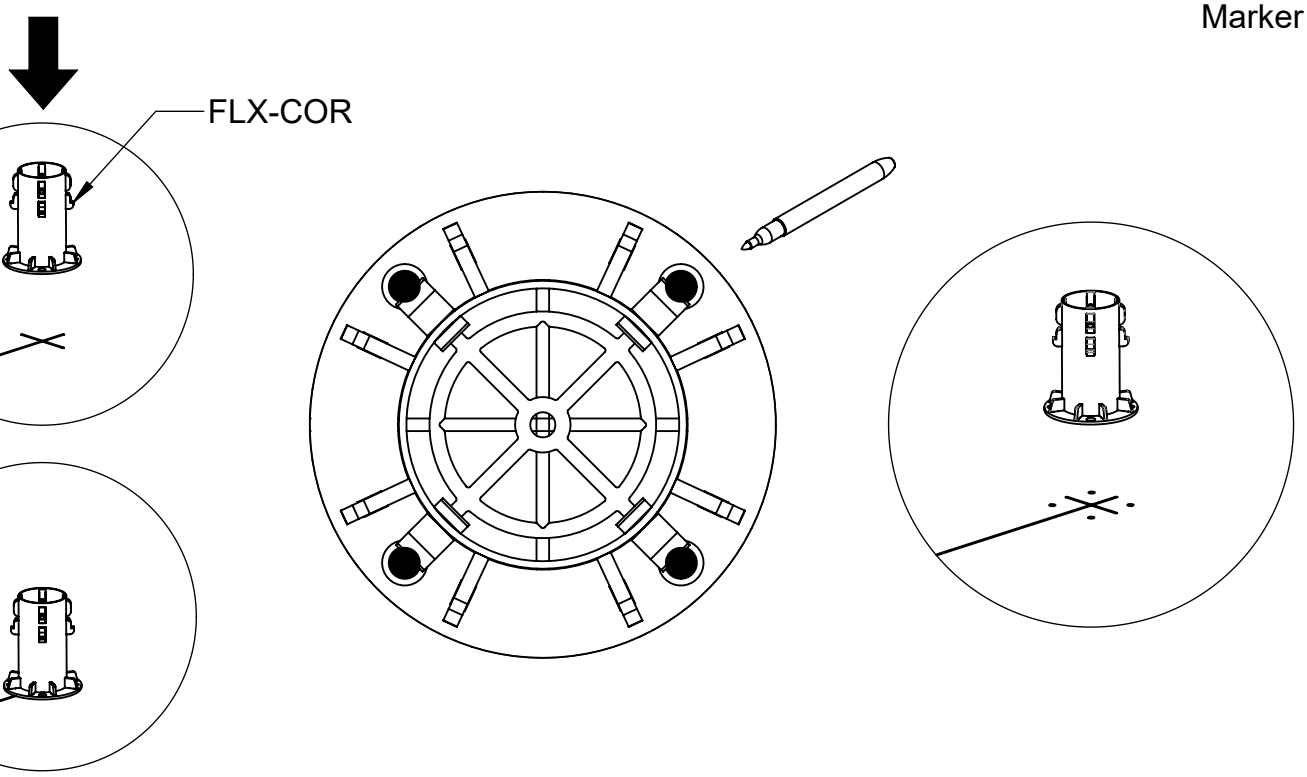




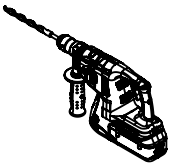
Step A3



Marker



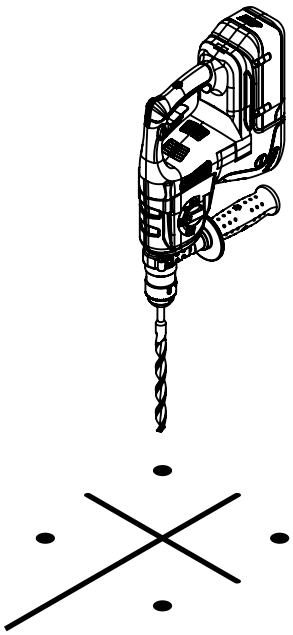
Step A4



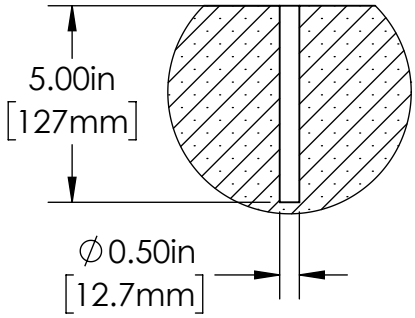
Hammer Drill With
∅12mm or ∅1/2in
Masonry Bit



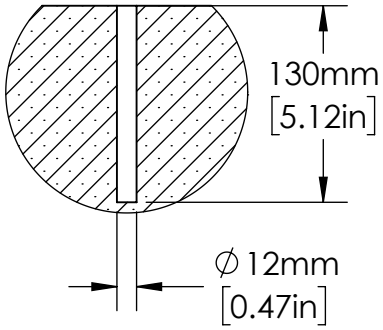
Vacuum



HOLE DETAIL
IMPERIAL
HW-C-A1250

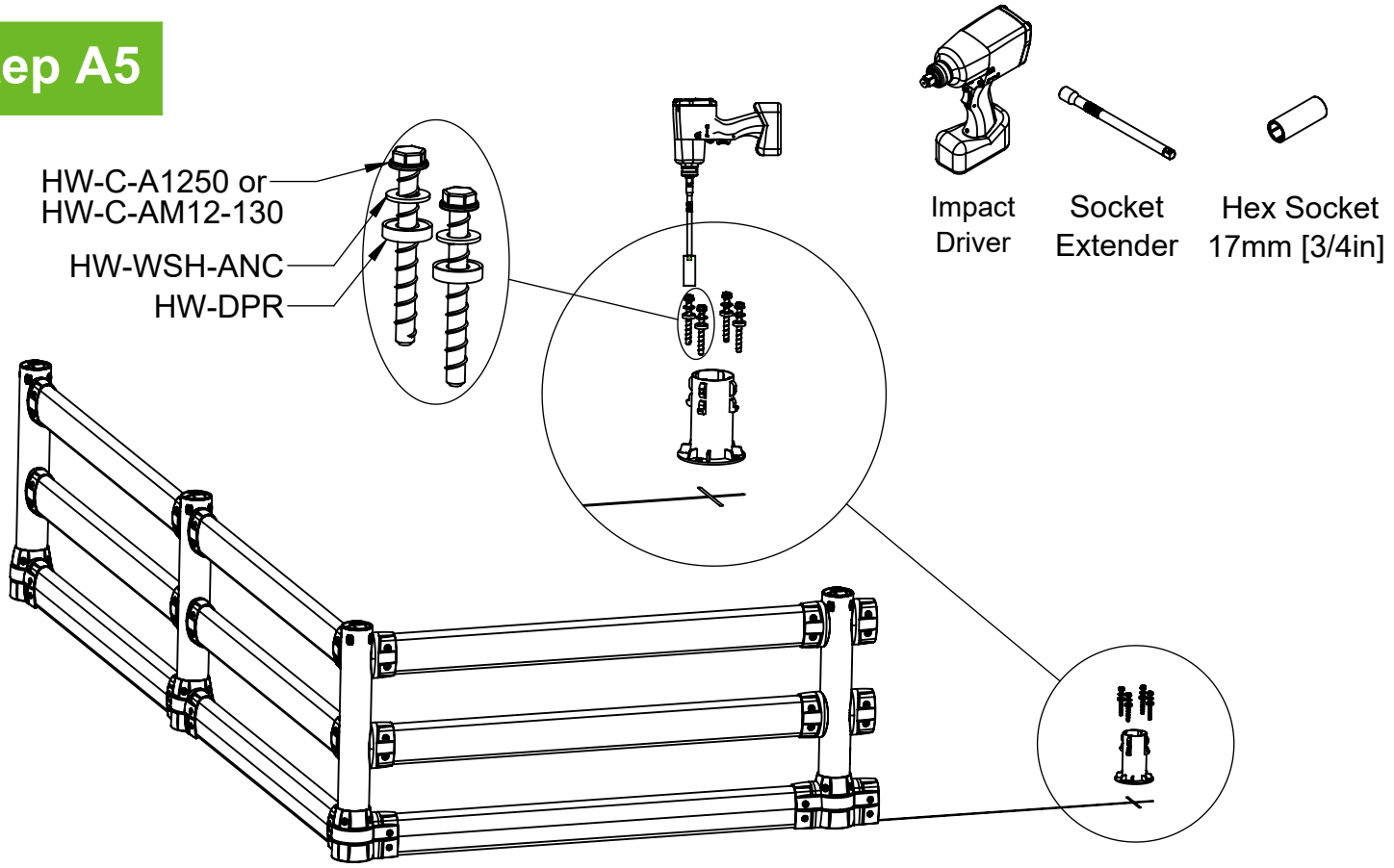


HOLE DETAIL
METRIC
HW-C-AM12-130

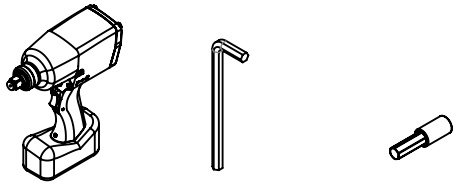


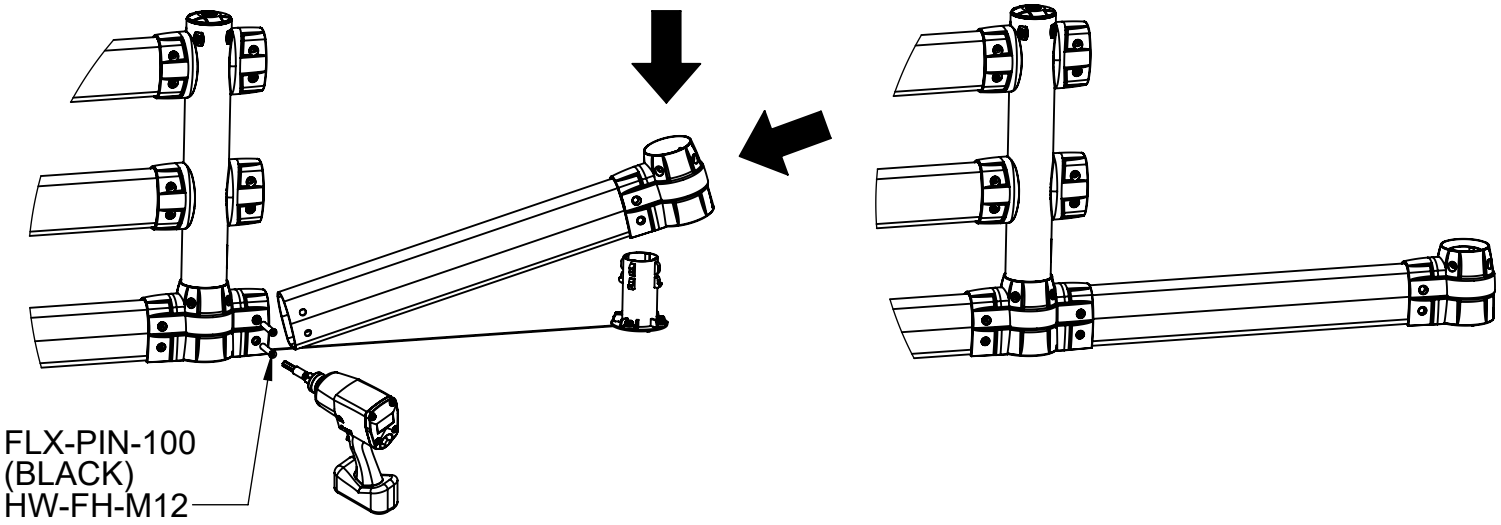
- **PPE recommended: High Visibilty Vest, Steel Toe Boots, Work Gloves, Ear Protection, Dust Mask, Eye Protection.**
- **Clean concrete dust by running the vacuum during drilling.**

Step A5

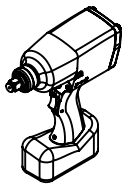


Step A6





Step A7



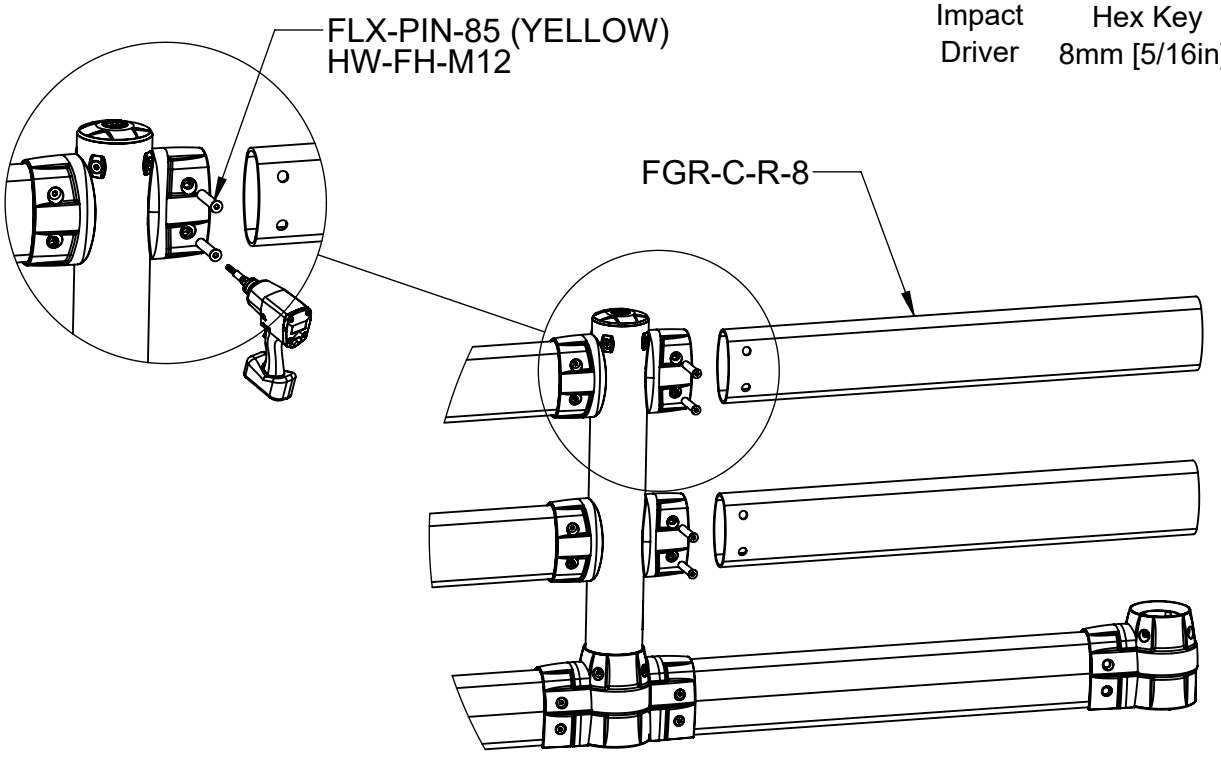
Impact Driver



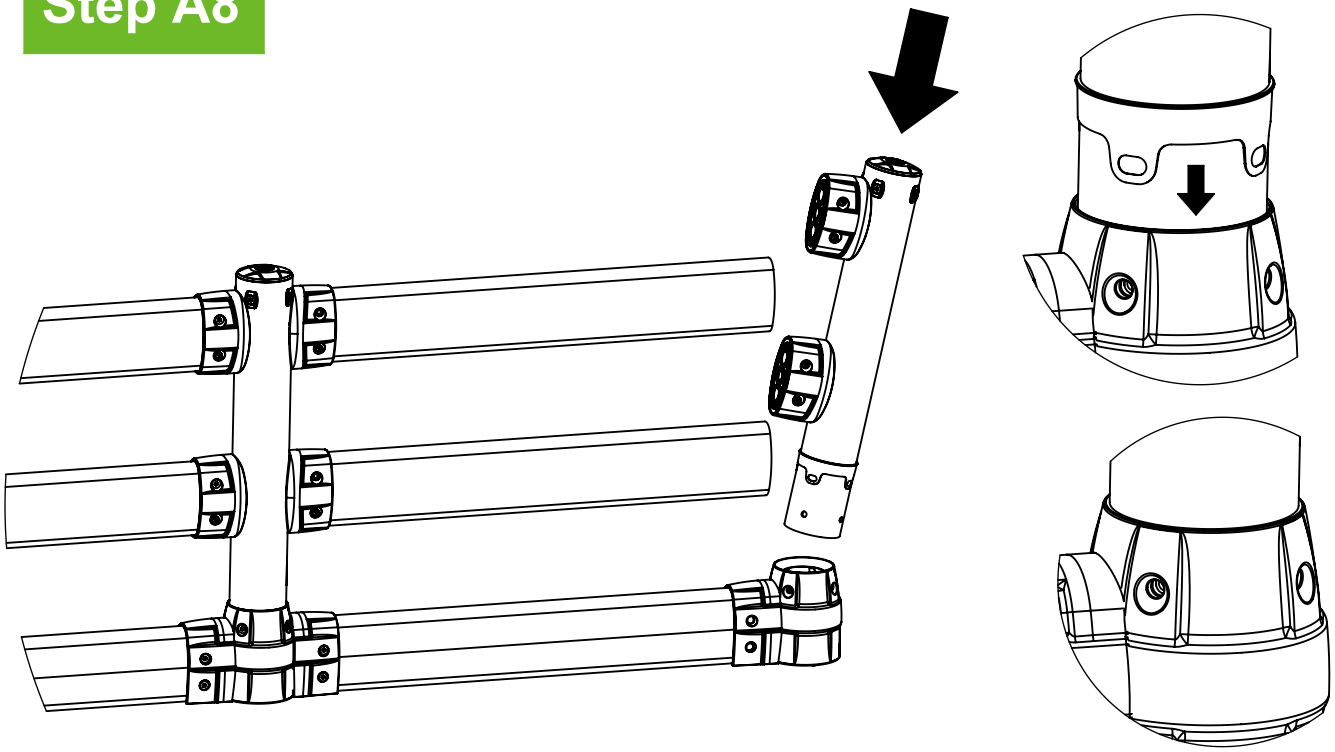
Hex Key 8mm [5/16in]



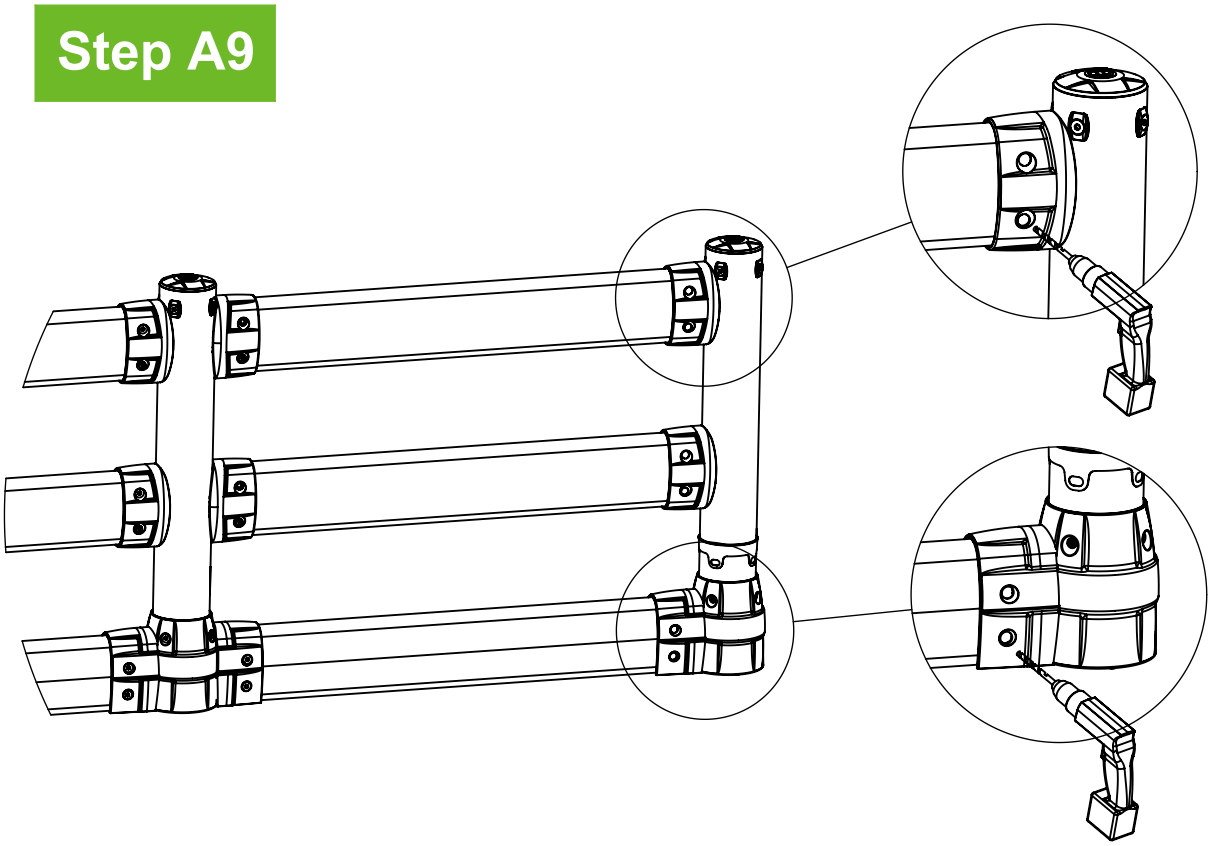
Hex Bit 8mm [5/16in]

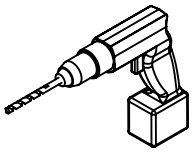


Step A8



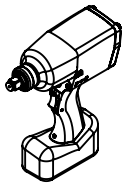
Step A9





Drill with
20mm [3/4in] Bit

Step A10



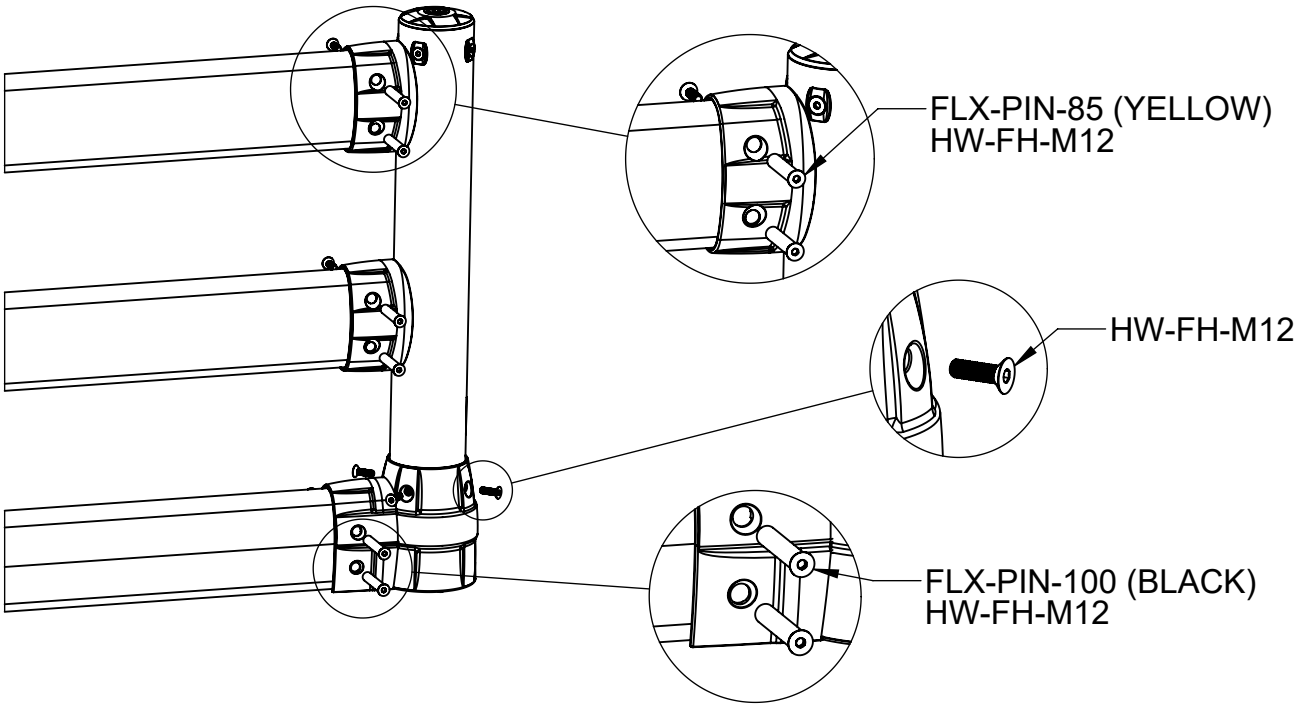
Impact
Driver



Hex Key
8mm [5/16in]



Hex Bit
8mm [5/16in]



Installation Complete

