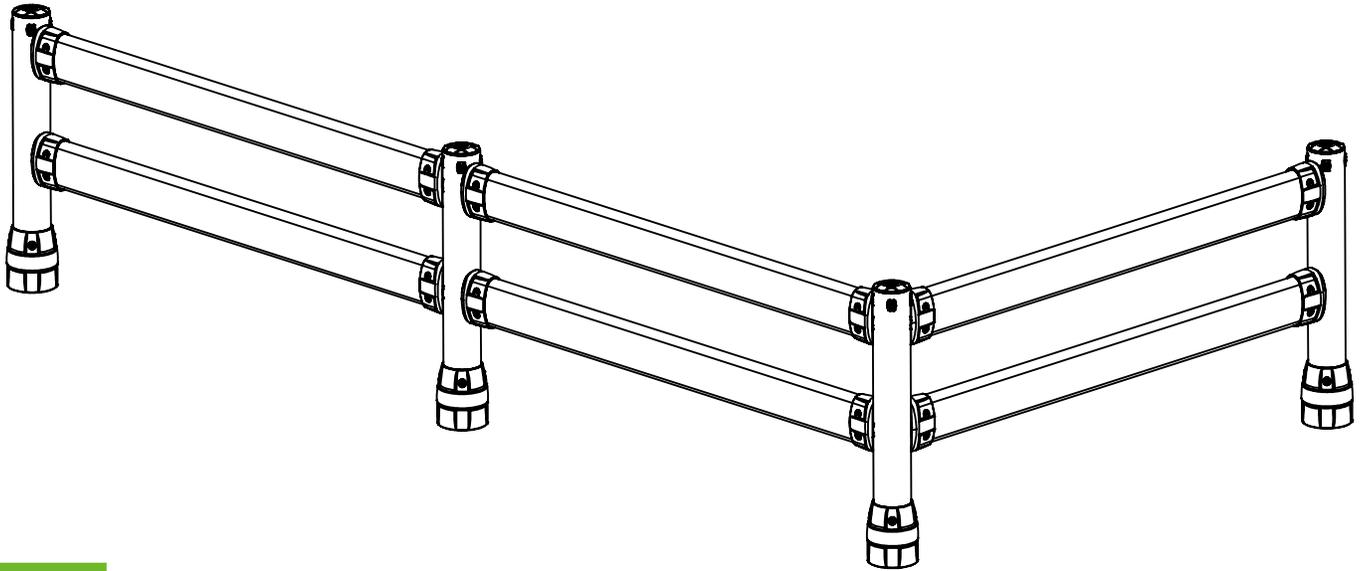


# FLEX+ Guardrail

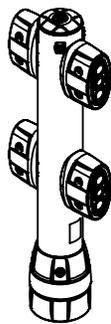
## Installation Instructions



### Kits



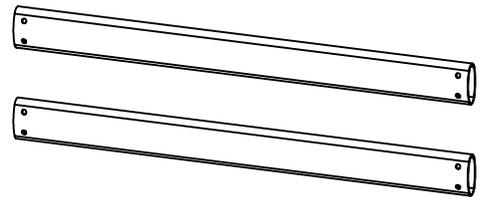
**FGR-K-END**  
Guardrail  
End Post



**FGR-K-MID**  
Guardrail  
Mid Post



**FGR-K-CNR**  
Guardrail  
Corner Post



**FGR-K-R-8**  
Guardrail  
Rail Kit



**McCue Corporation**  
Danvers, Massachusetts, USA  
+1(800) 800 8503  
[cservices@mccue.com](mailto:cservices@mccue.com)

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

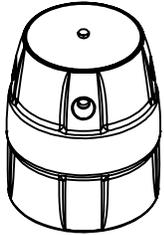
**McCue Asia**  
Xiamen, Fujian, China  
+8 592 2200790  
[rchen@mccue.com](mailto:rchen@mccue.com)

**McCue Europe**  
Magirus-Deutz-Straße 14  
89077 Ulm, Germany  
+49 731 40 38 82 68  
[eusales@mccue.com](mailto:eusales@mccue.com)

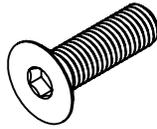
[mccue.com](http://mccue.com)

# Components

## PolyCore Base FLX-C-B-END



Base Cover  
FLX-BCV  
QTY: 1



Flat Head Screw  
HW-FH-M12  
QTY: 4

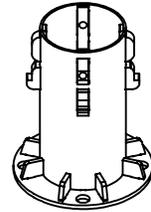


Anchor Washer  
HW-WSH-ANC  
QTY: 4



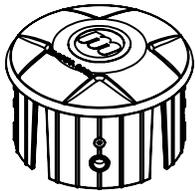
Damper  
HW-DPR  
QTY: 4

## Base Core FLX-COR



Base Core  
FLX-COR  
QTY: 1

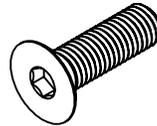
## Cap FLX-C-CAP



Cap  
FLX-CAP  
QTY: 1

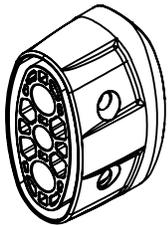


Post Washer  
FLX-WSH  
QTY: 4

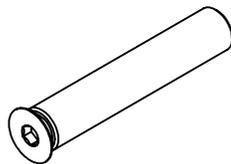


Flat Head Screw  
HW-FH-M12  
QTY: 4

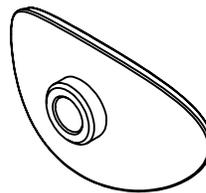
## Guardrail Connector FLX-C-TRC



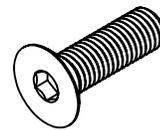
Guardrail Connector  
FLX-GRC  
QTY: 1



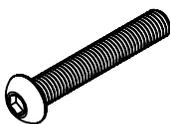
85mm Pin (Yellow)  
FLX-PIN-85  
QTY: 2



FastFit Insert  
FLX-INS  
QTY: 2



Flat Head Screw  
HW-FH-M12  
QTY: 2



Button Head Screw  
HW-BH-M12  
QTY: 2

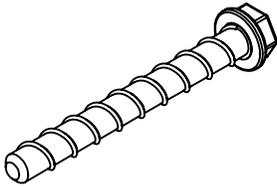


Connector Washer  
HW-WSH-M12  
QTY: 2



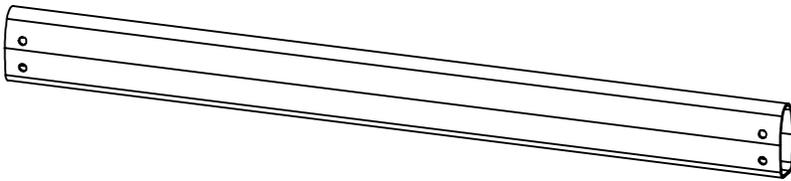
Damper  
HW-DPR  
QTY: 2

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



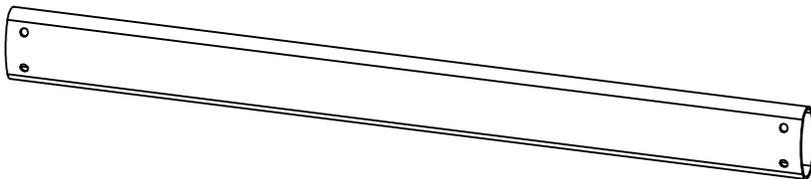
Concrete Anchor  
HW-C-A1250 or  
HW-C-AM12-130

## Ground Guard Rail FGG-C-R-8



Ground Guard Rail  
FGG-C-R-8

## Guardrail FGR-C-R-8



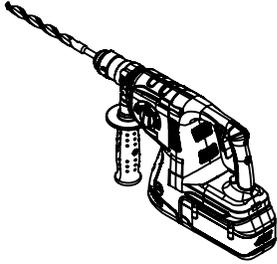
Guardrail  
FGR-C-R-8

## Post FGR-C-P-XXX



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

# Required Tools



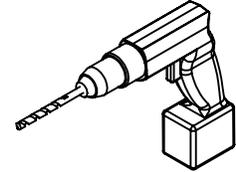
Hammer Drill With  
 $\varnothing$  12mm or  $\varnothing$  1/2in  
Masonry Bit



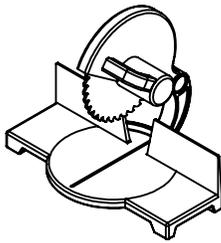
Impact  
Driver



Vacuum



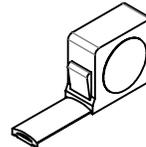
Drill with  
 $\varnothing$  20mm [3/4in] Bit



Mitre Saw



Hex Key  
8mm [5/16in]



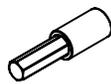
Measuring Tape



Socket Extender



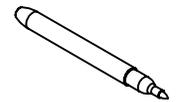
Hex Socket  
17mm [3/4in]



Hex Bit  
8mm [5/16in]



Chalk Line

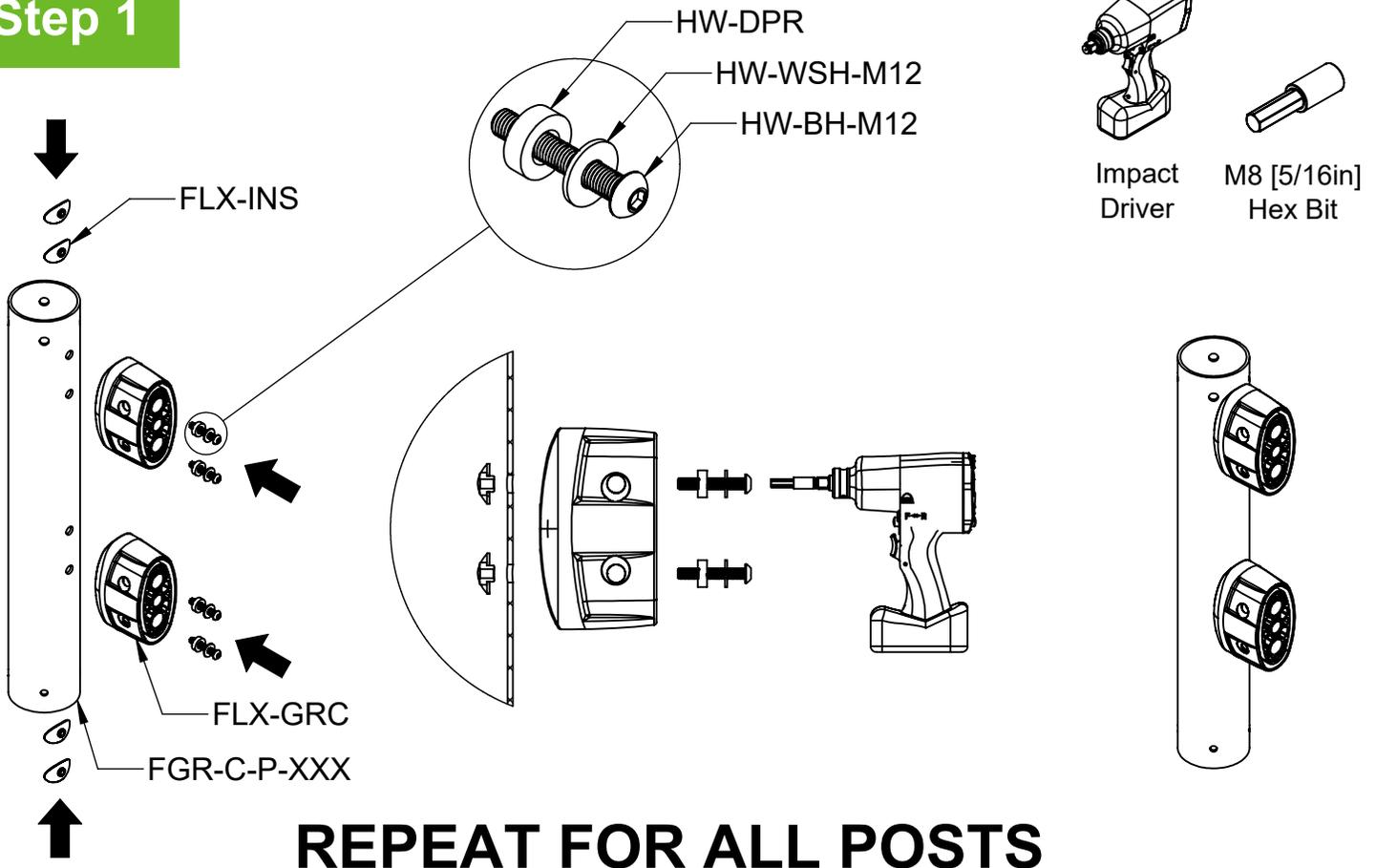


Marker

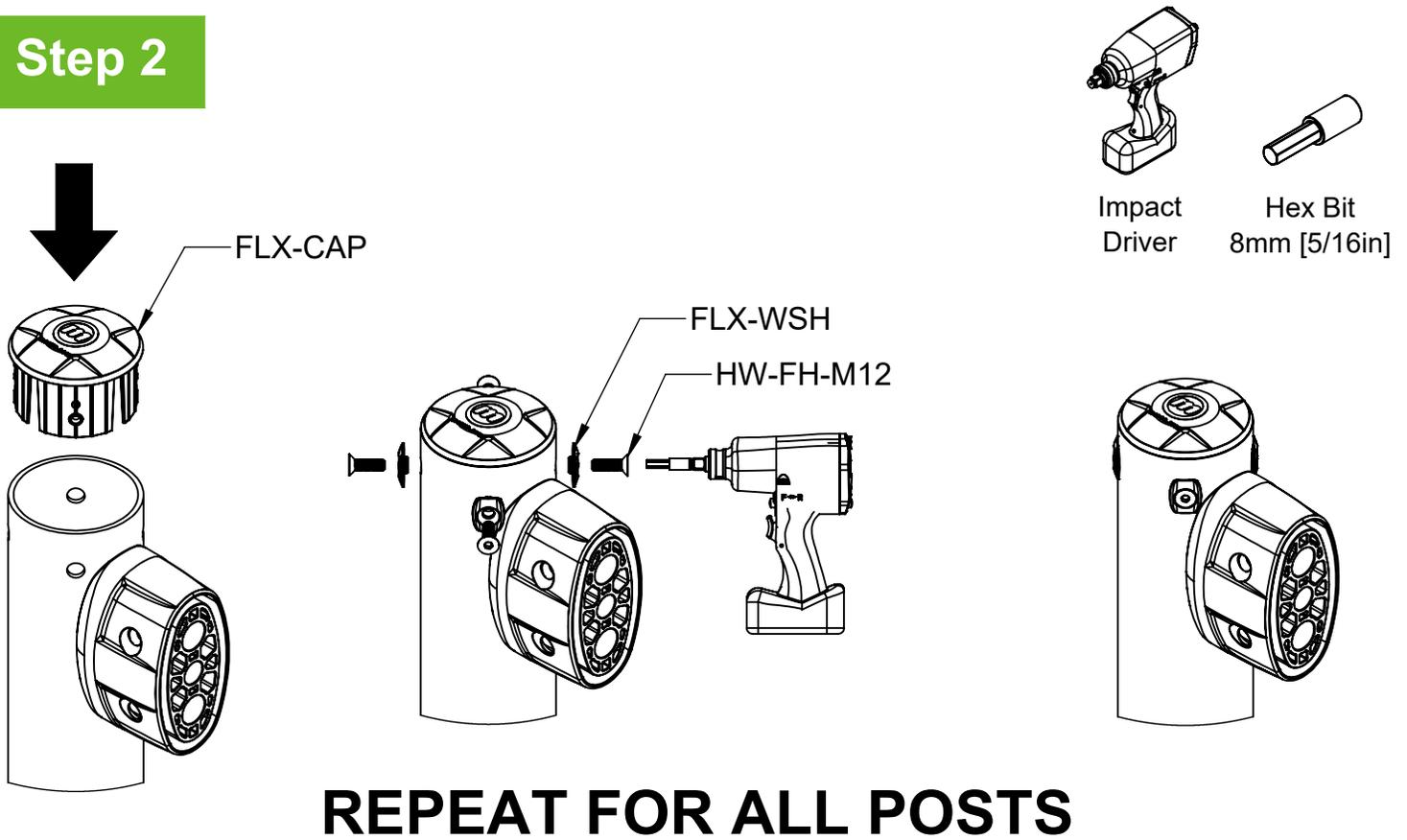


**PPE recommended: High Visibility Vest, Steel Toe Boots, Work Gloves, Ear Protection, Dust Mask, Eye Protection.**

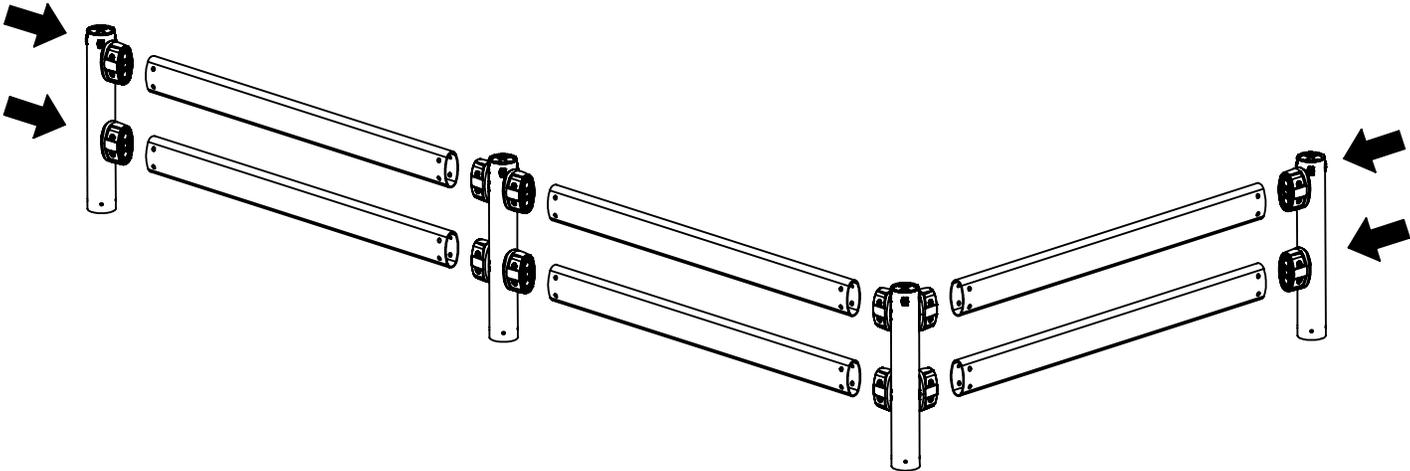
# Step 1



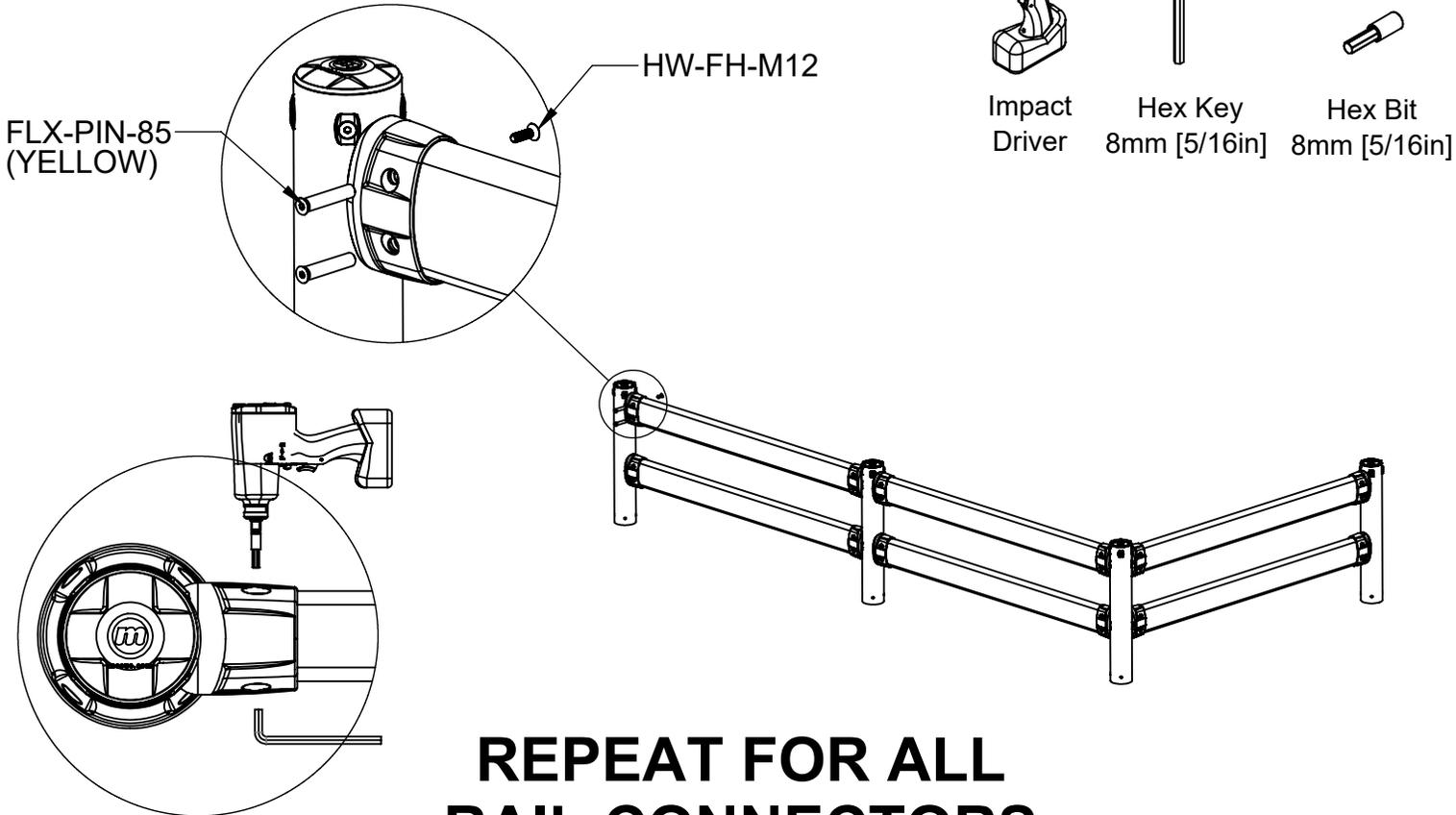
# Step 2



# Step 3

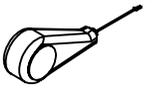


# Step 4

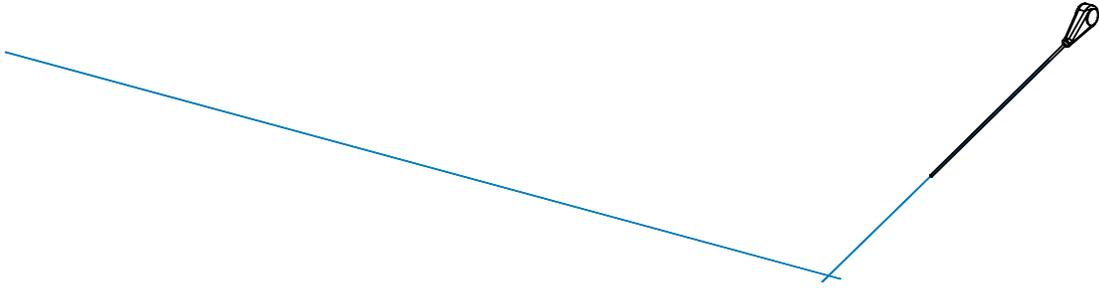


**REPEAT FOR ALL  
RAIL CONNECTORS**

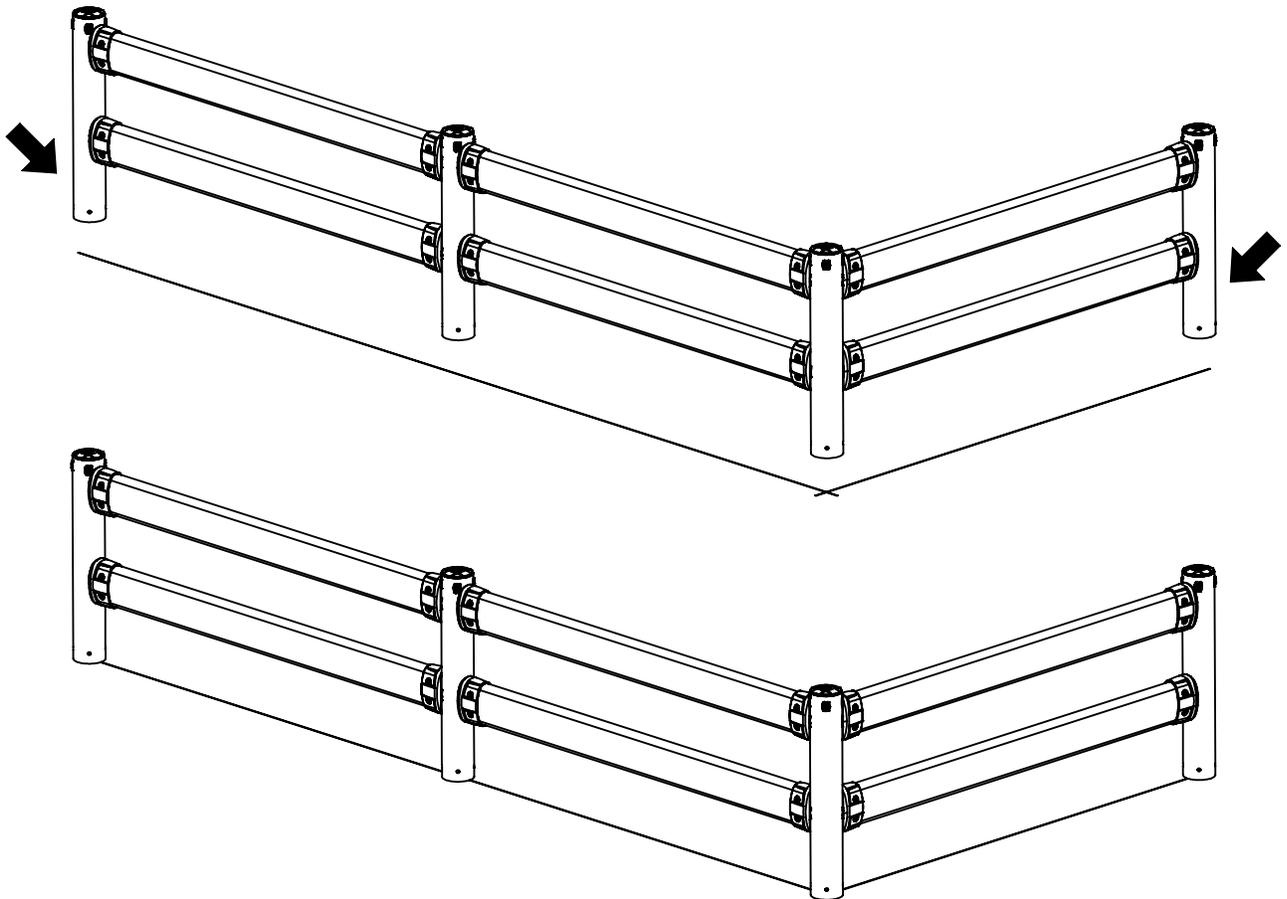
# Step 5



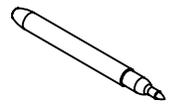
Chalk Line



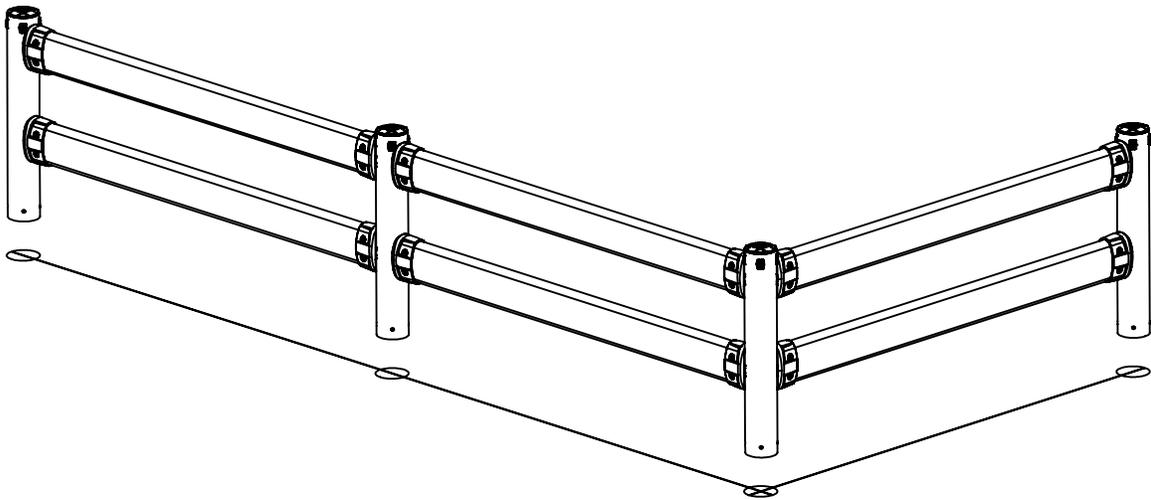
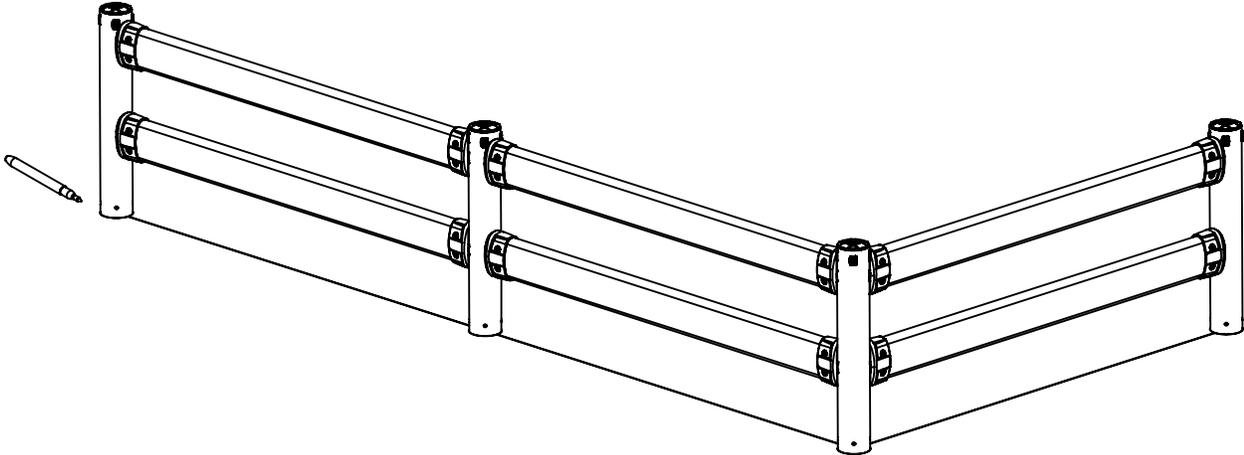
# Step 6



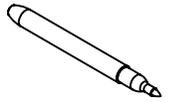
# Step 7



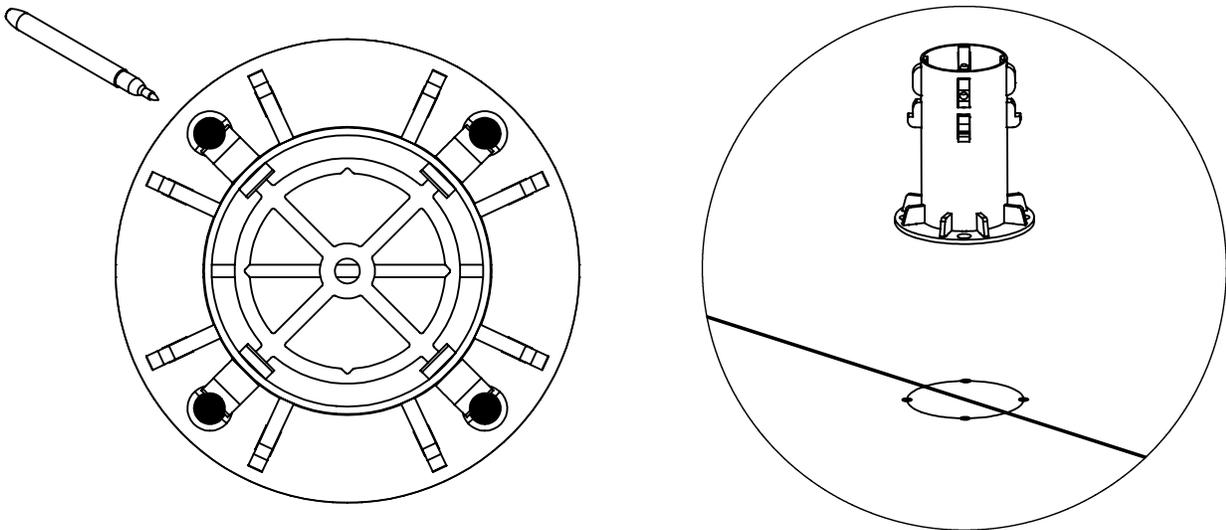
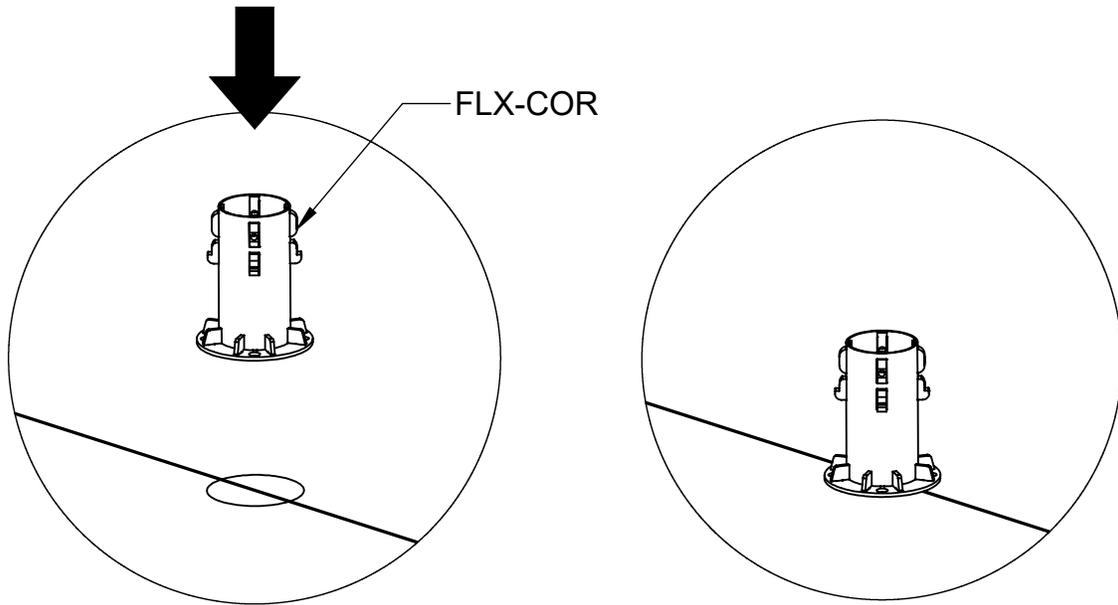
Marker



# Step 8

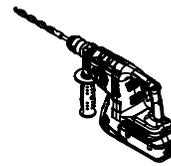
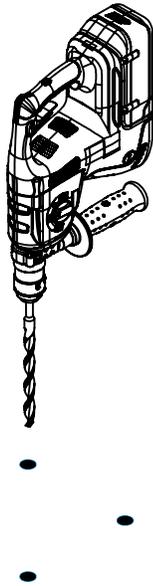


Marker



**REPEAT FOR ALL BASE CORES**

# Step 9

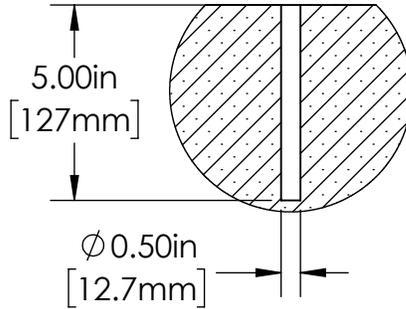


Hammer Drill With  
 $\phi$  12mm or  $\phi$  1/2in  
 Masonry Bit

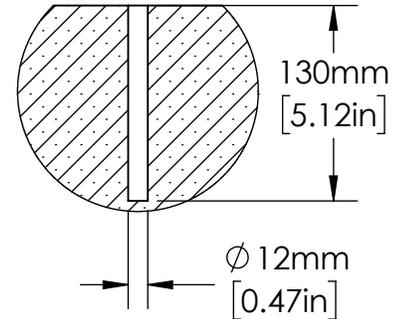


Vacuum

HOLE DETAIL  
 IMPERIAL  
 HW-C-A1250

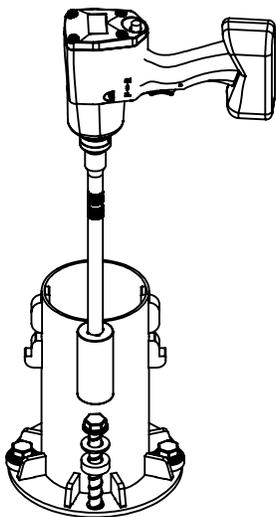


HOLE DETAIL  
 METRIC  
 HW-C-AM12-130



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

# Step 10



Impact  
 Driver

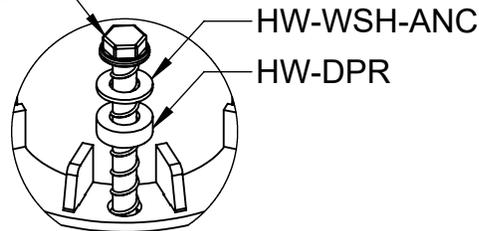


Extender



17mm [3/4in]  
 Hex Socket

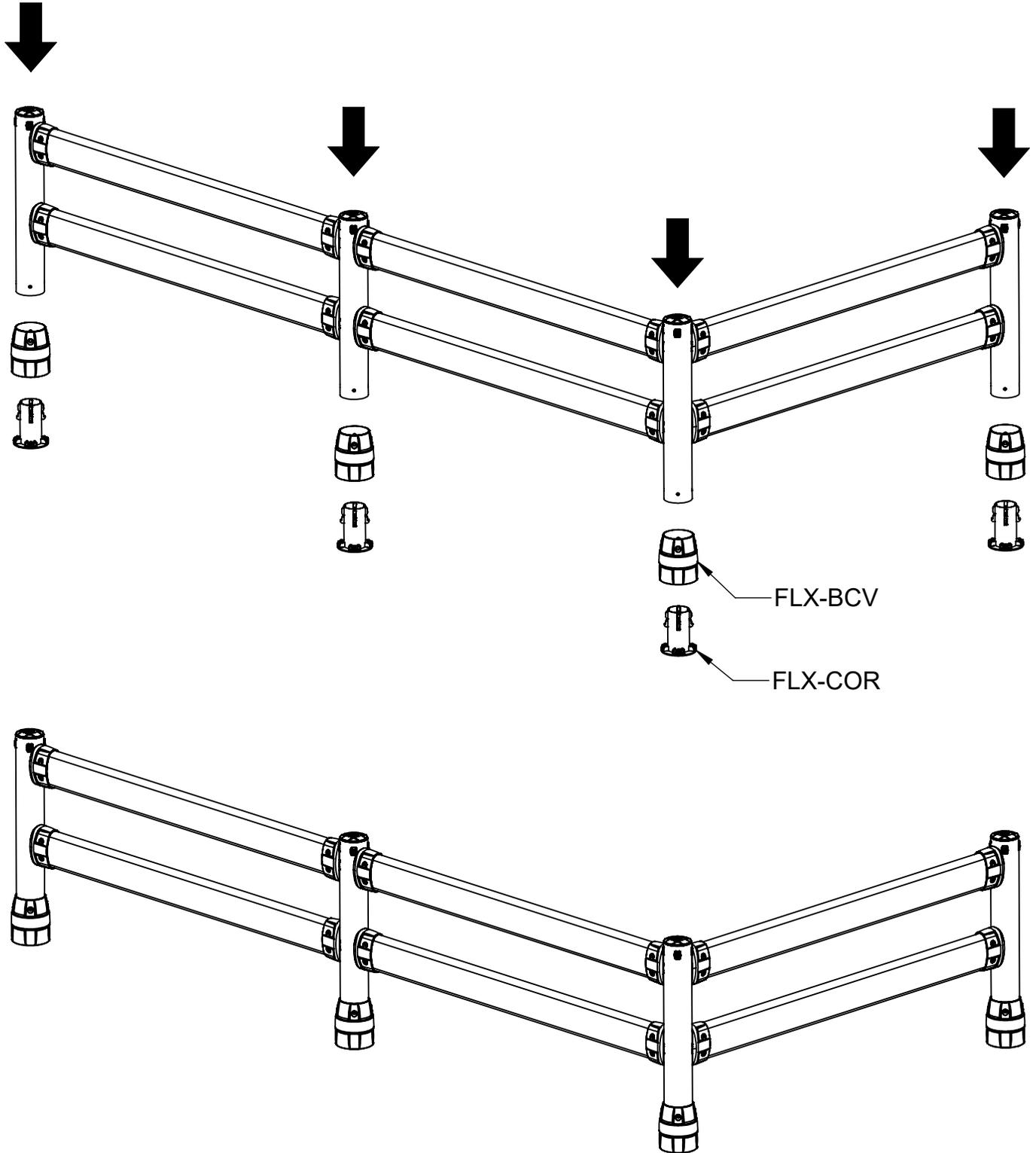
HW-C-A1250 or  
 HW-C-AM12-130



ANCHOR DETAIL

**REPEAT FOR ALL BASE CORES**

# Step 11



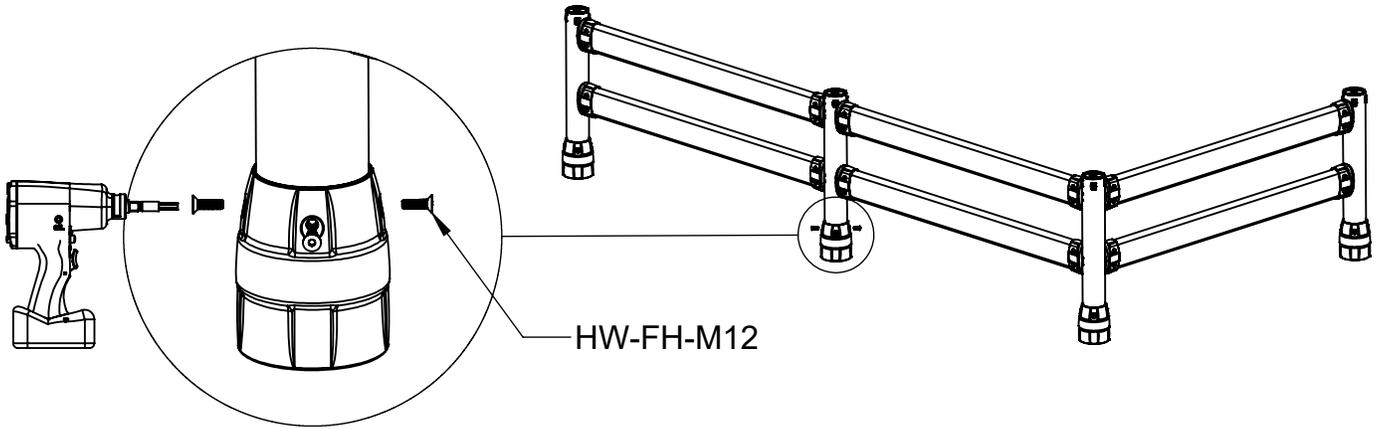
# Step 12



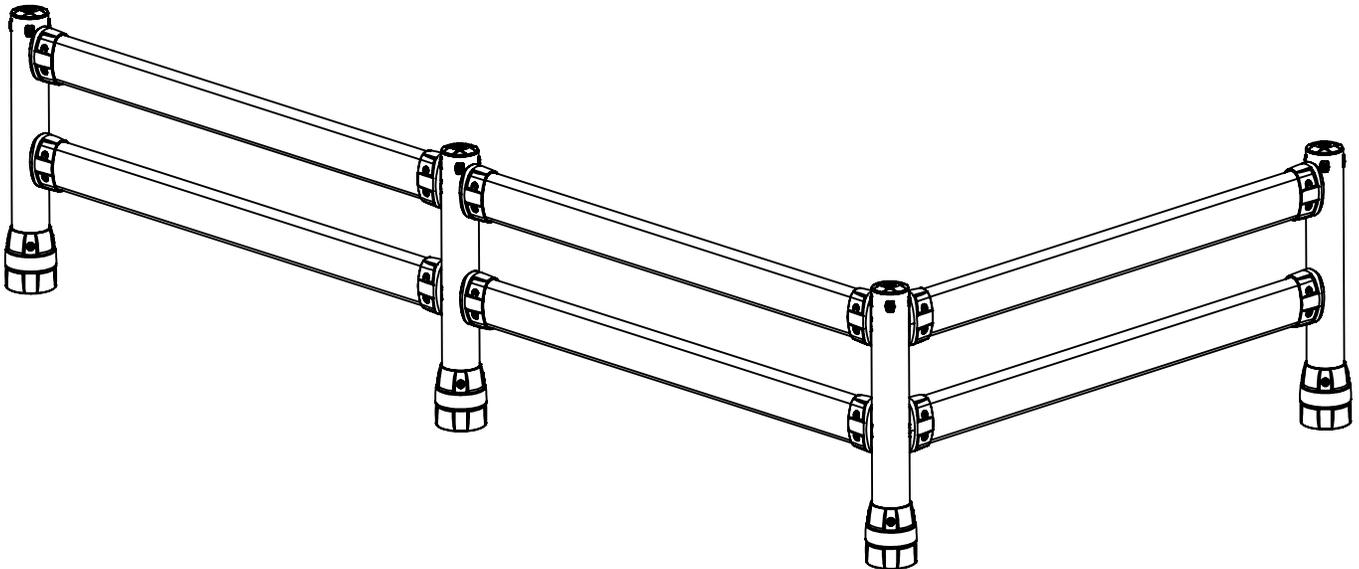
Impact Driver



Hex Bit  
8mm [5/16in]

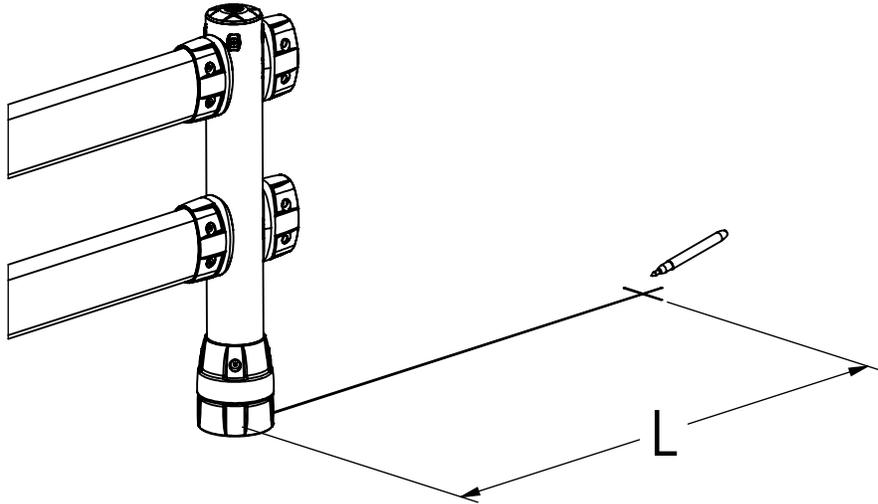
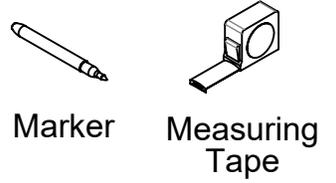


# Installation Complete

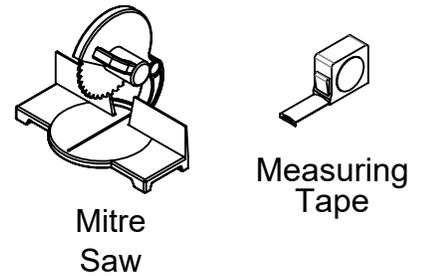


# Appendix A: Custom Length Rails

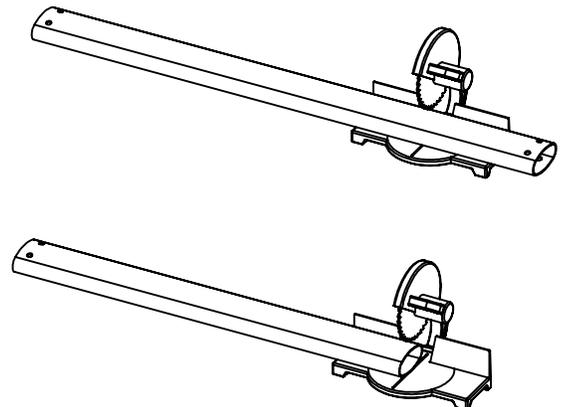
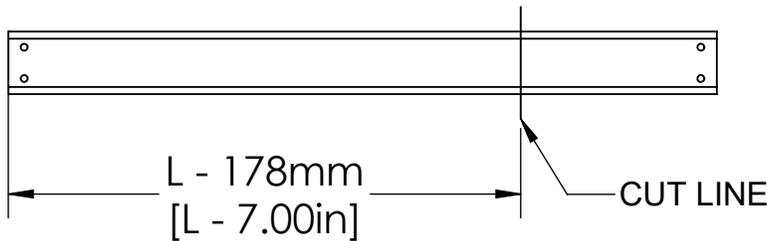
## Step A1



## Step A2



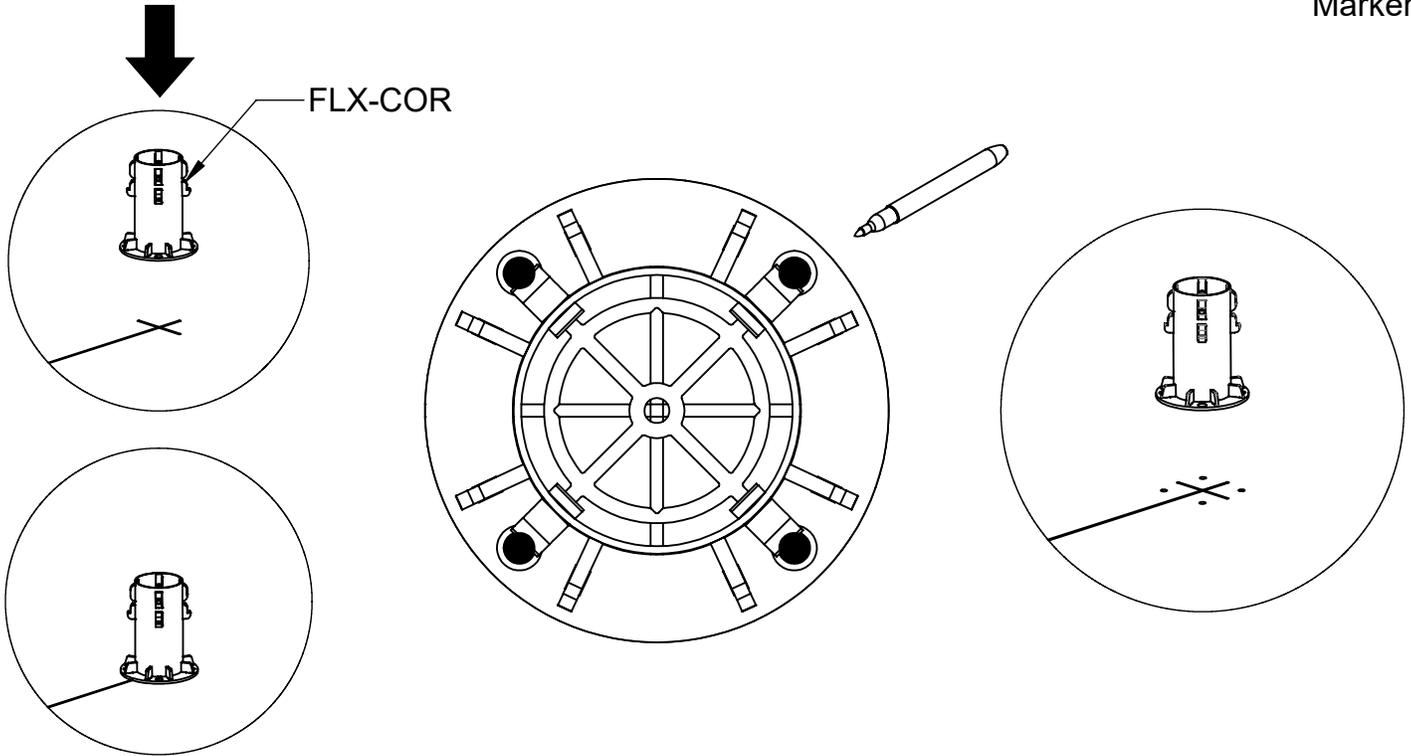
### Guardrail FGR-C-R-8



# Step A3



Marker



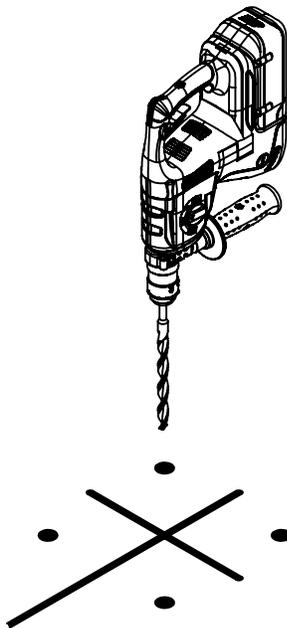
# Step A4



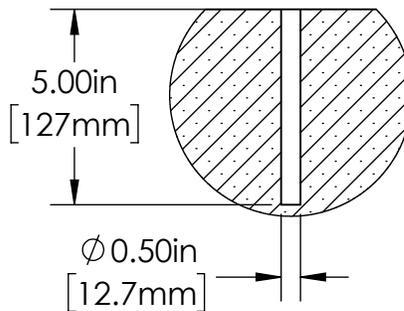
Hammer Drill With  
 $\varnothing$  12mm or  $\varnothing$  1/2in  
 Masonry Bit



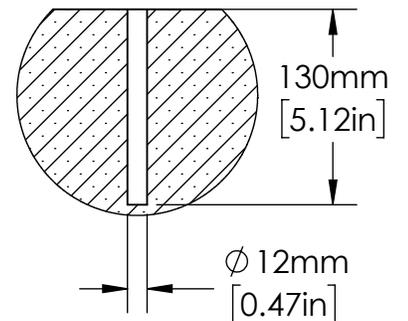
Vacuum



HOLE DETAIL  
 IMPERIAL  
 HW-C-A1250



HOLE DETAIL  
 METRIC  
 HW-C-AM12-130



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

# Step A5



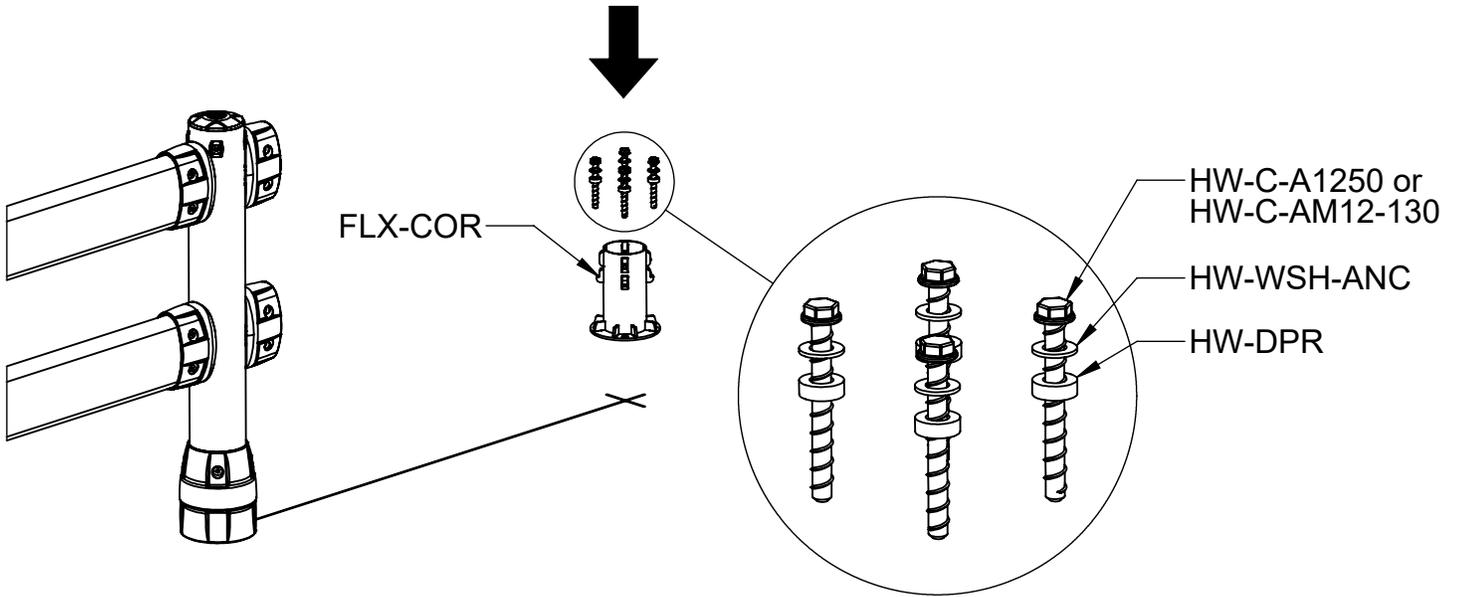
Impact Driver



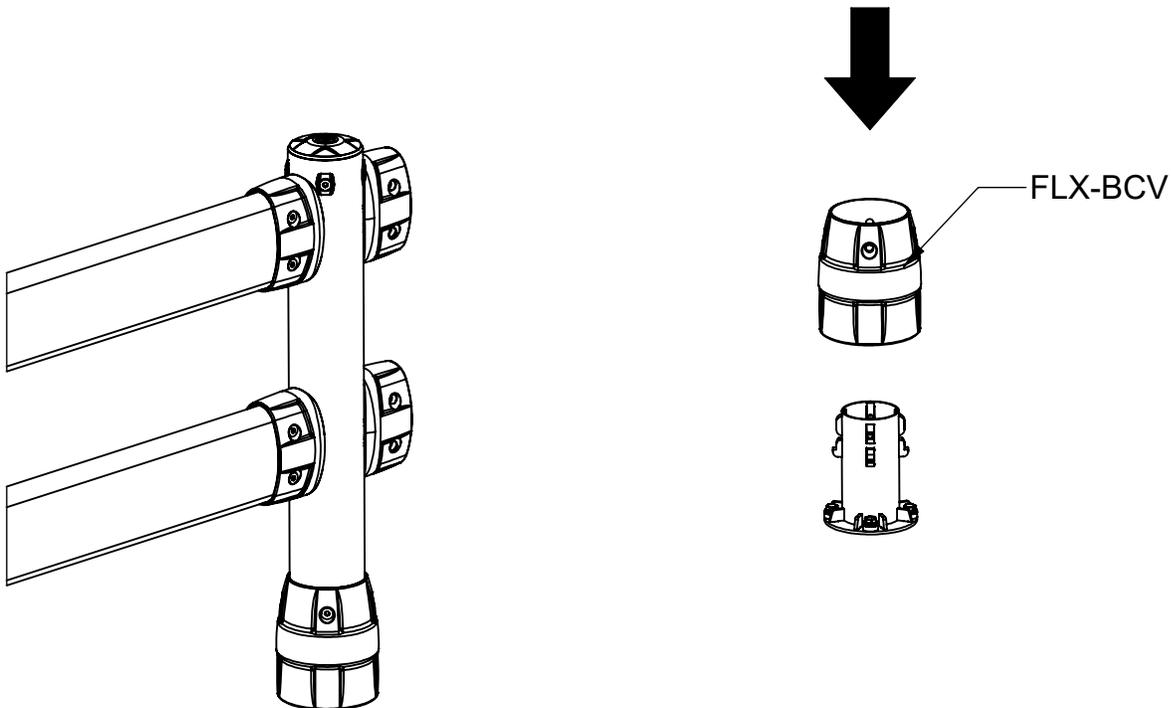
Extender



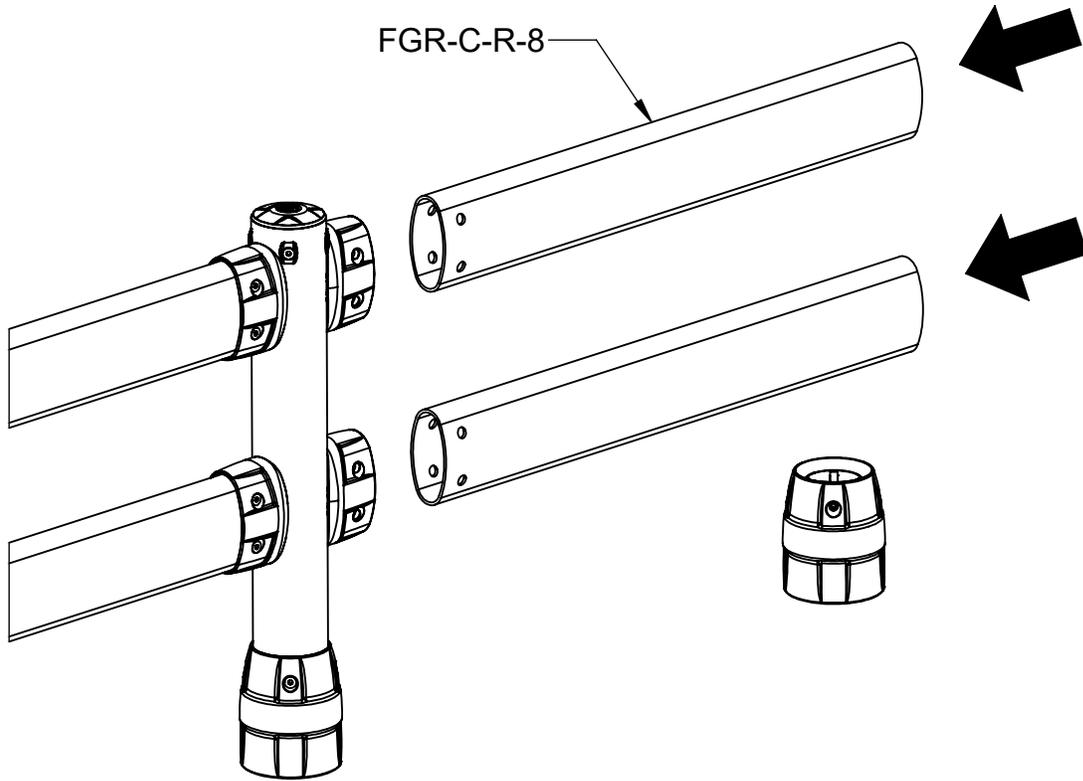
17mm OR 3/4in Hex Socket



# Step A6



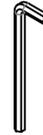
# Step A5



# Step A6



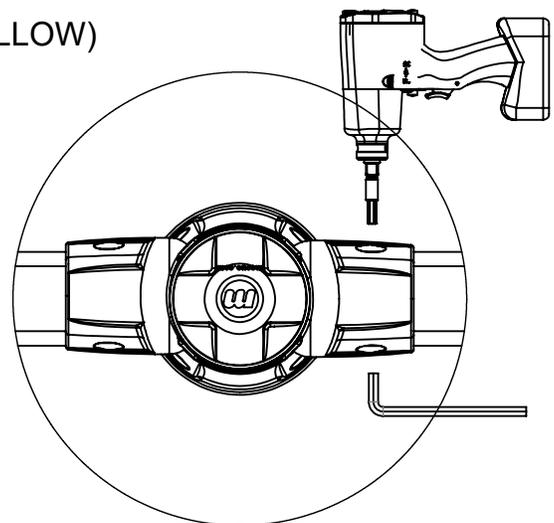
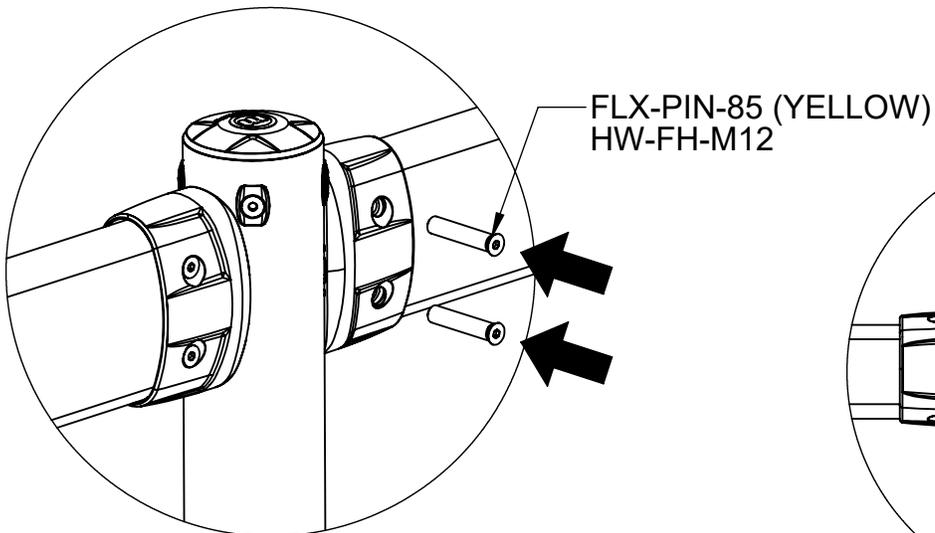
Impact Driver



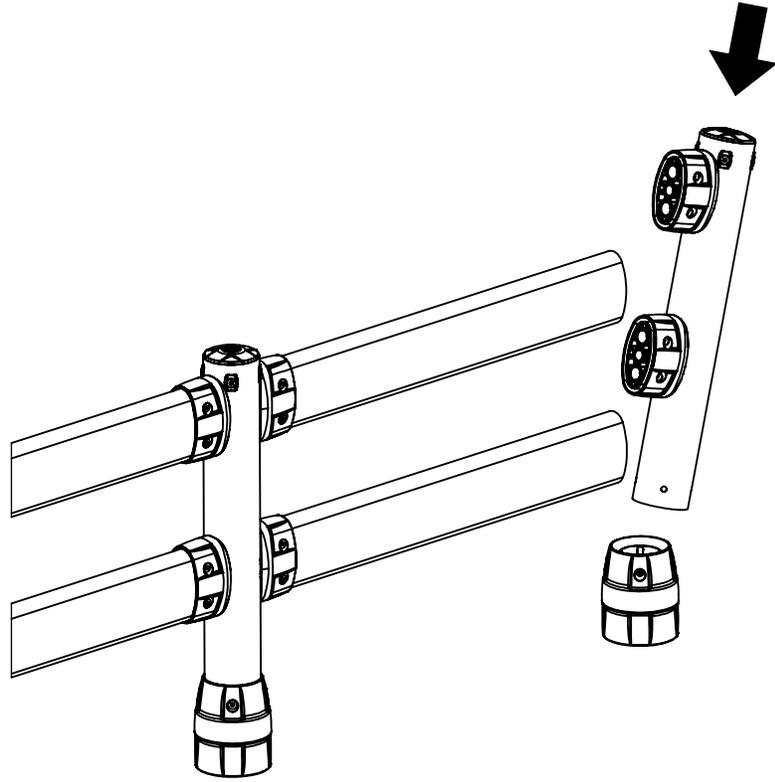
Hex Key  
8mm [5/16in]



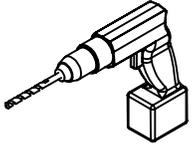
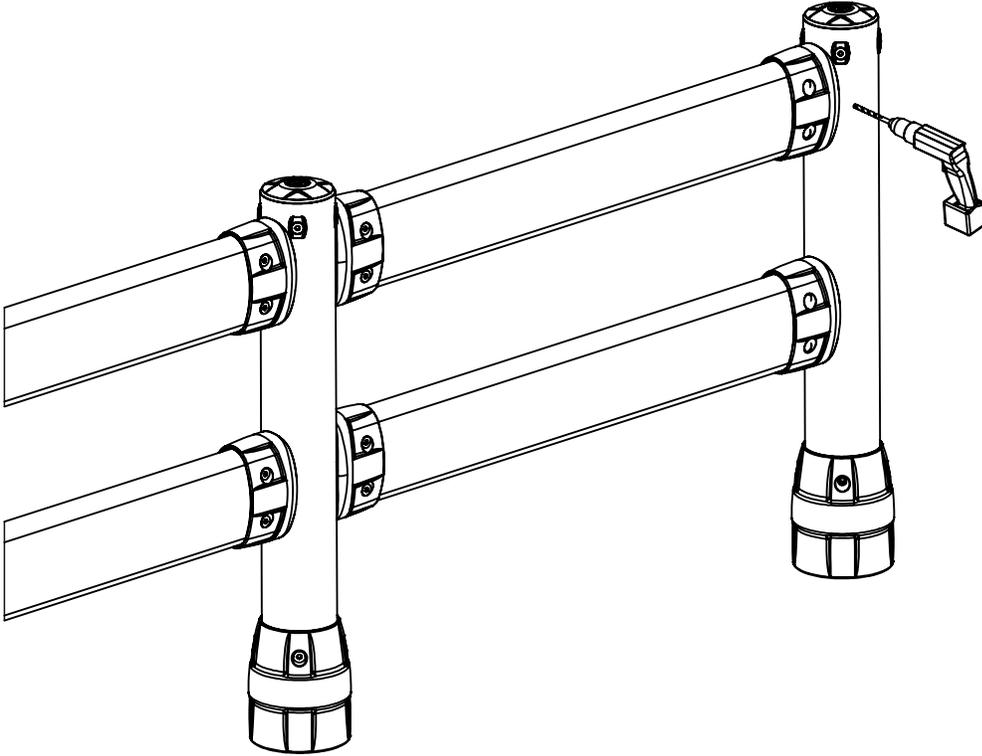
Hex Bit  
8mm [5/16in]



# Step A7



# Step A8



Drill with  
20mm [3/4in] Bit

# Step A9



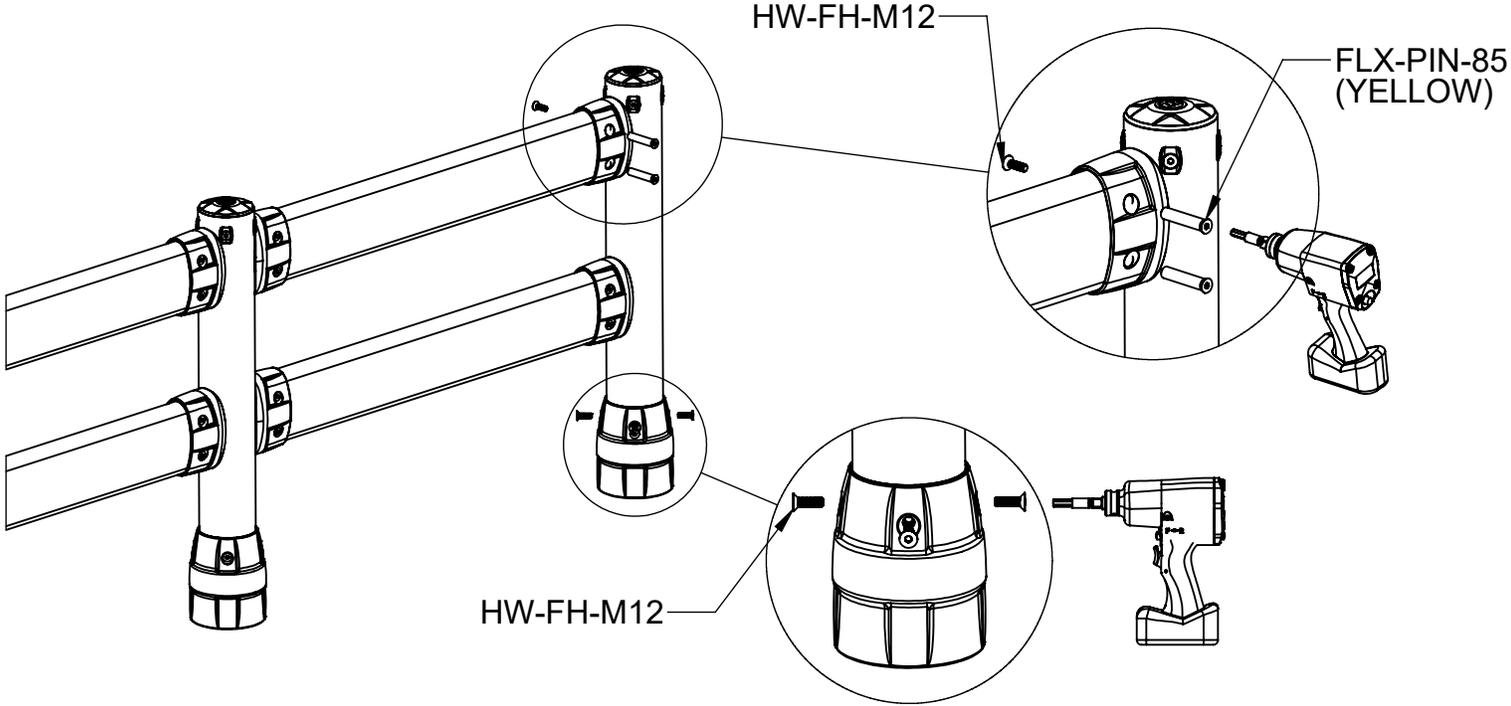
Impact Driver



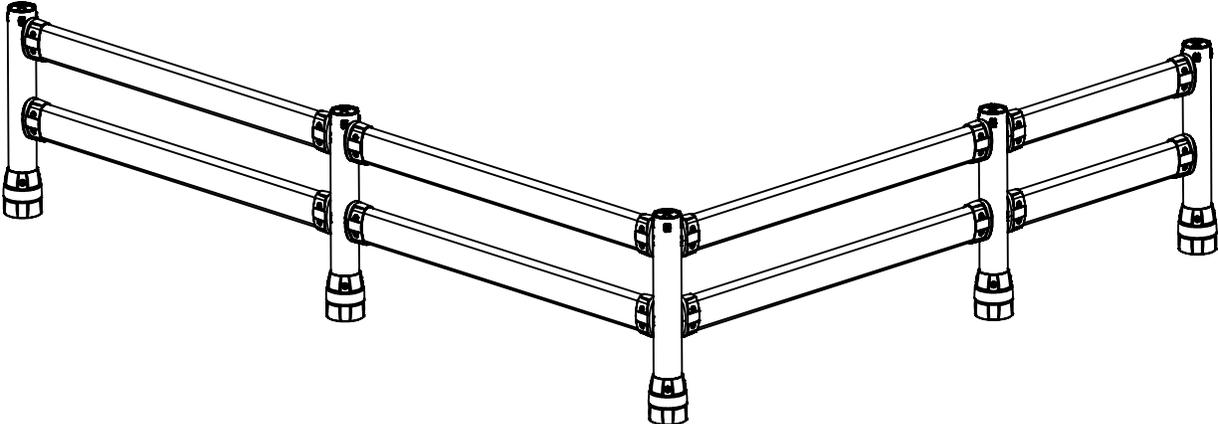
Hex Key 8mm [5/16in]



Hex Bit 8mm [5/16in]



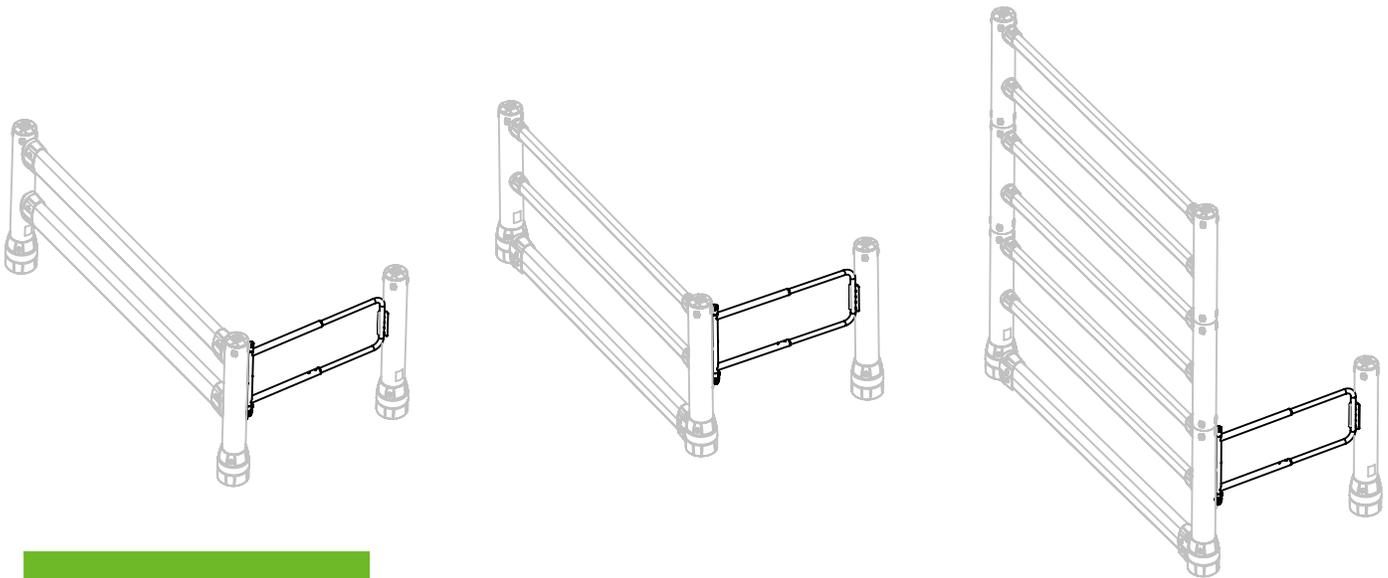
# Installation Complete



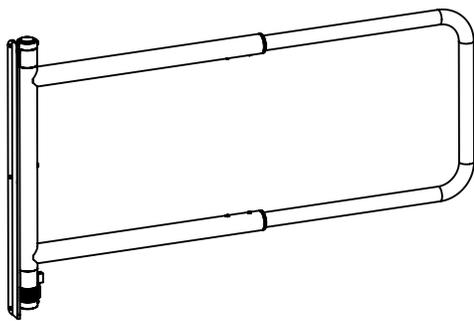
# FLEX+ Pedestrian Swing Gate Add On Kit



## Installation Instructions



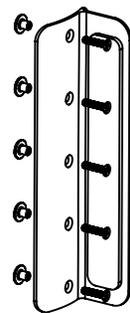
### Components



FPA-K-PSG-307



M6X1mm x 25.4mm BHS  
M6X1mm INTERNAL NUT



FPA-C-BRK-HW

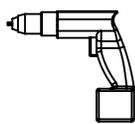
### Required Tools



7mm



5mm



DRILL



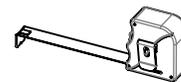
5/32"



4mm



PENCIL



TAPE MEASURE



PHILLIPS  
BIT



**McCue Corporation**  
Danvers, Massachusetts, USA  
+1(800) 800 8503  
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+44 (0)1908 365 511  
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**McCue Asia**  
Xiamen, Fujian, China  
+8 592 2200790  
[rchen@mccue.com](mailto:rchen@mccue.com)

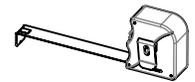
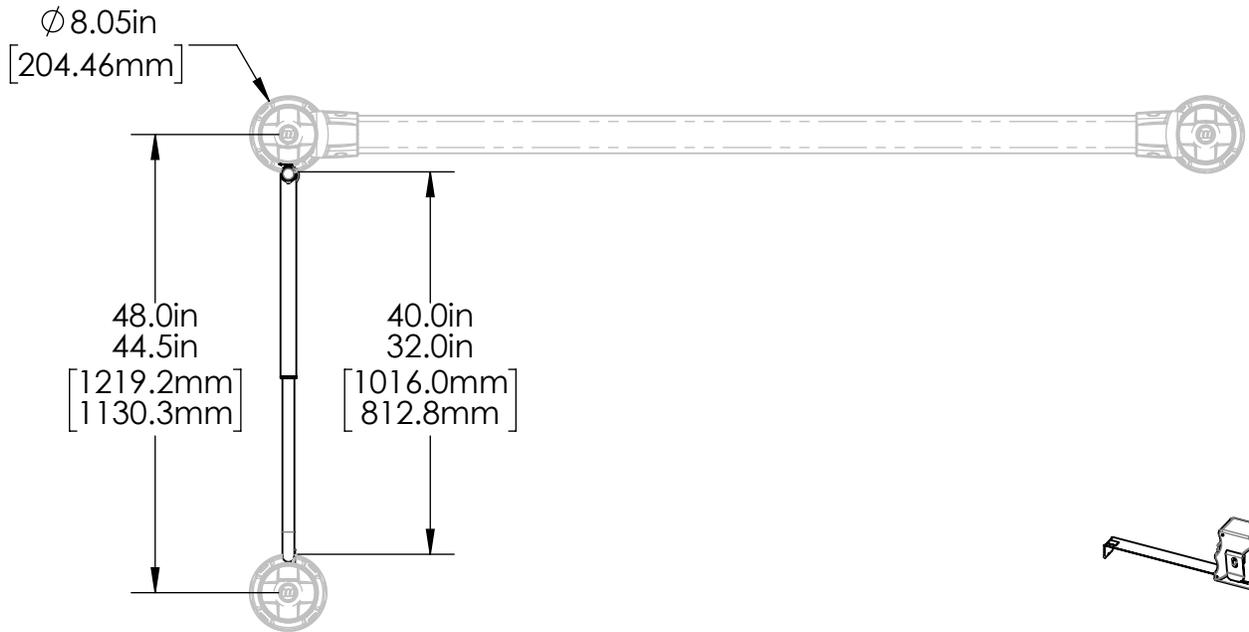
**McCue Europe**  
Magirus-Deutz-Straße 14  
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+49 731 40 38 82 68  
[eusales@mccue.com](mailto:eusales@mccue.com)

[mccue.com](http://mccue.com)



# Step 1

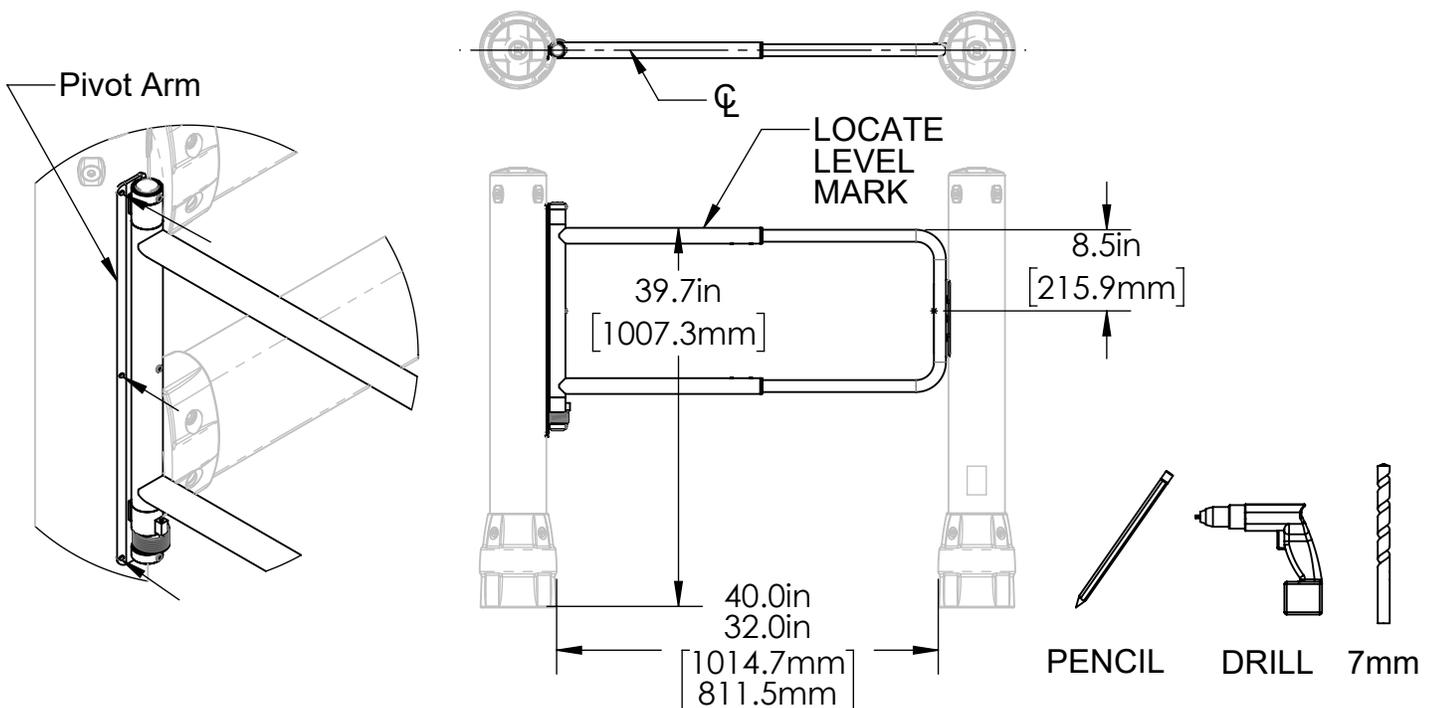
Install FLEX+ Products with acceptable spacing as shown. Refer to product specific installation instructions for installation procedures.



TAPE MEASURE

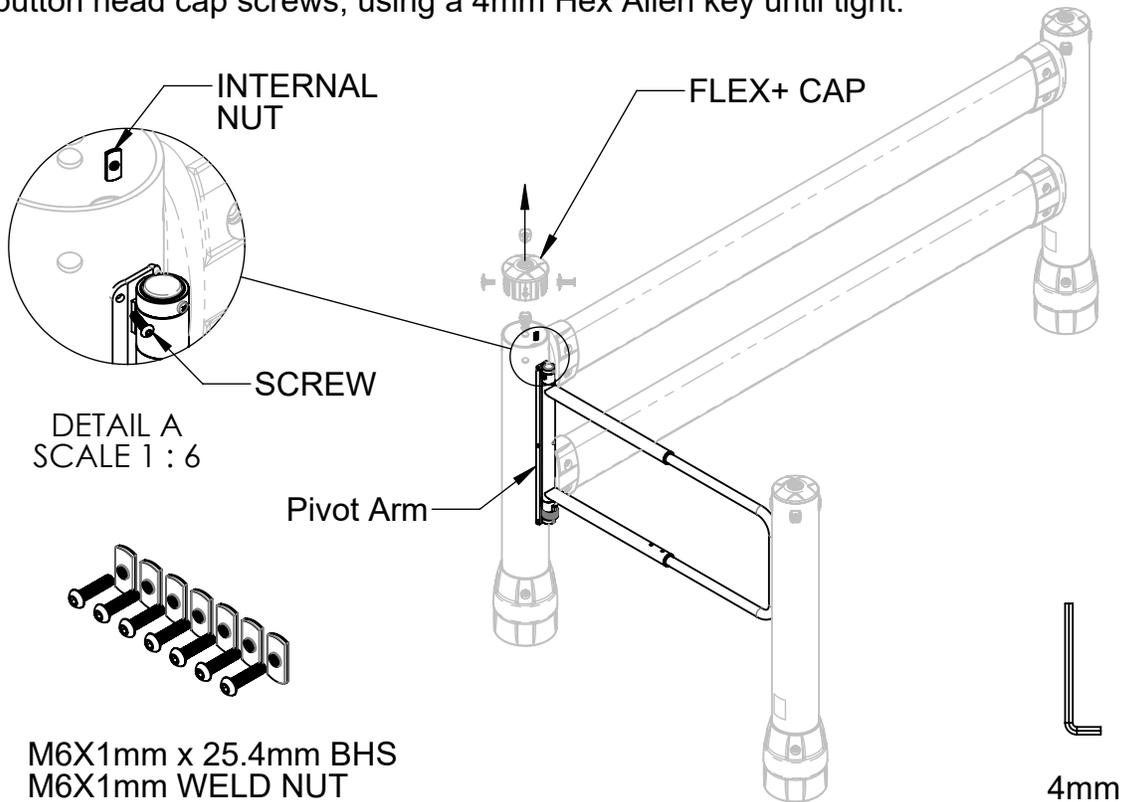
# Step 2

Locate gate on center and height shown and mark the (6) mounting holes on pivoting arm. Set swing gate to a side before drilling holes. Locate marks and drill with 7mm Diameter drill bit and drill through one wall of FLEX+ POST.



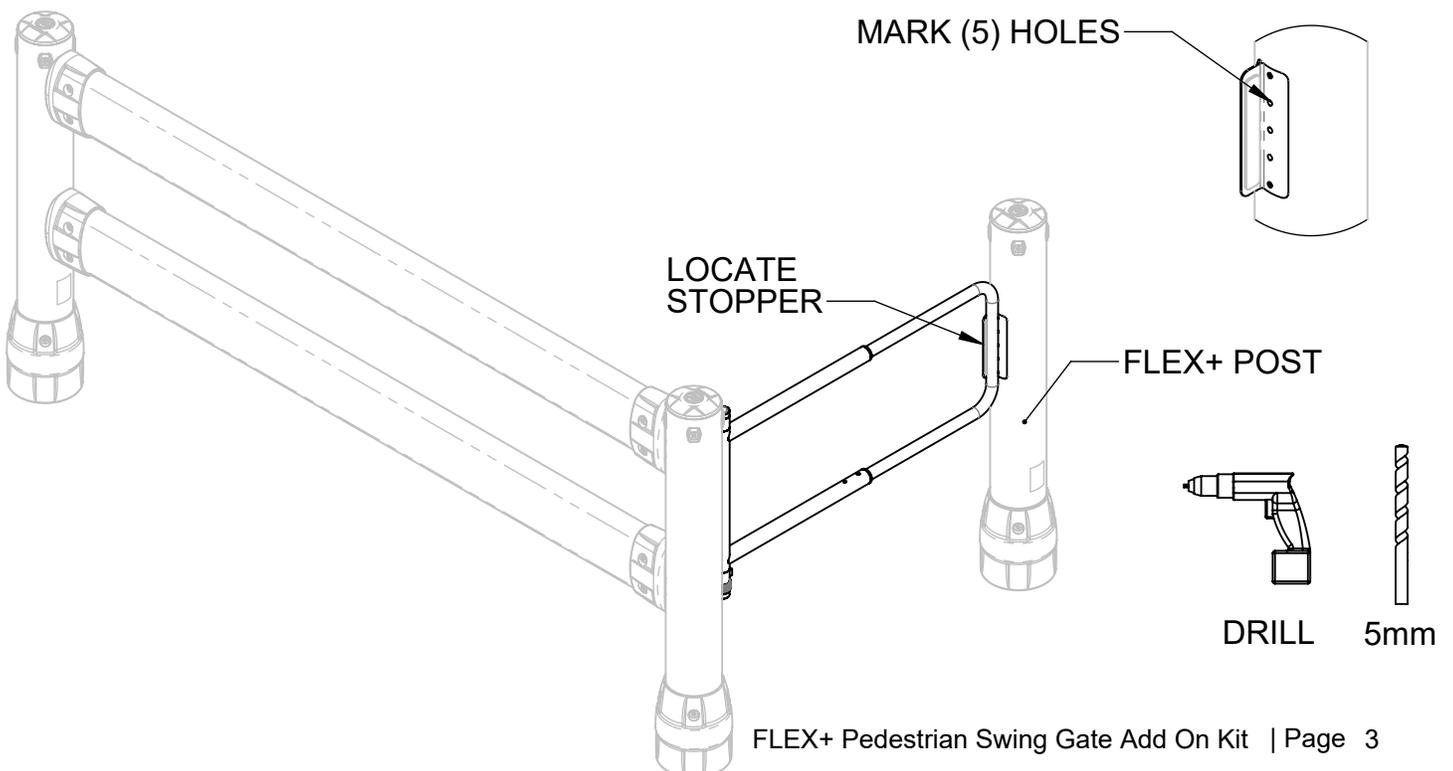
## Step 3

Remove FLEX+ CAP and secure pivoting arm with (6) internal nuts in post and (6) M6x1mm x 25.4mm button head cap screws, using a 4mm Hex Allen key until tight.



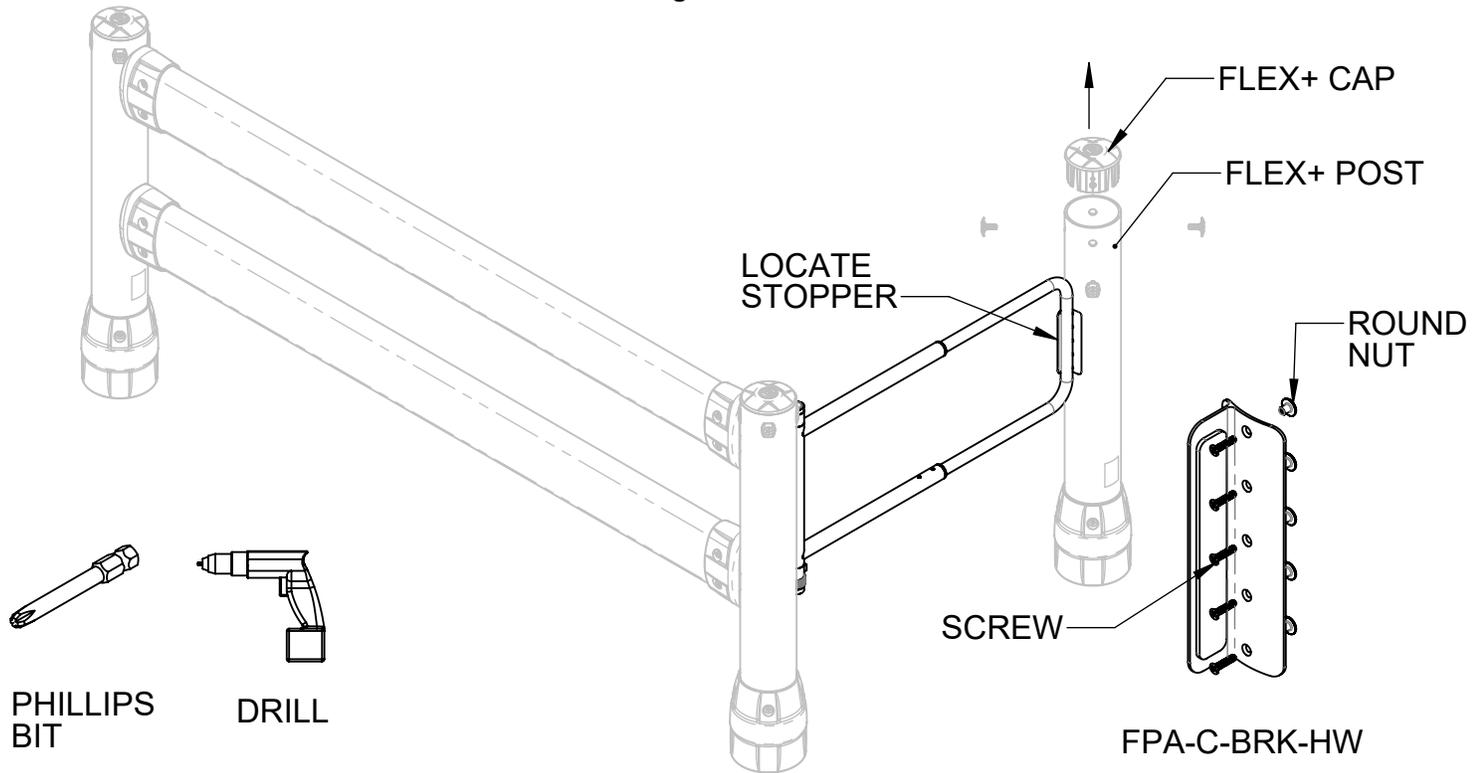
## Step 4

Locate stopper on center. Move swing gate away from gate stopper. Mark the (5) holes and drill with 5mm diameter drill bit and drill thru one wall of FLEX+ POST.



## Step 5

Remove FLEX+ CAP to secure stopper to drilled holes. Move swing gate away from gate stopper. Secure gate stopper to FLEX+ POST with (5) M4x0.7mm round nuts and (5) M4x0.7x20mm flat head screws until flush and tight.



## Step 6

Telescoping arm can be adjusted by loosening set screws. Secure telescoping arm by tightening all (4) set screws with 5/32" Drive Size Allen key.

