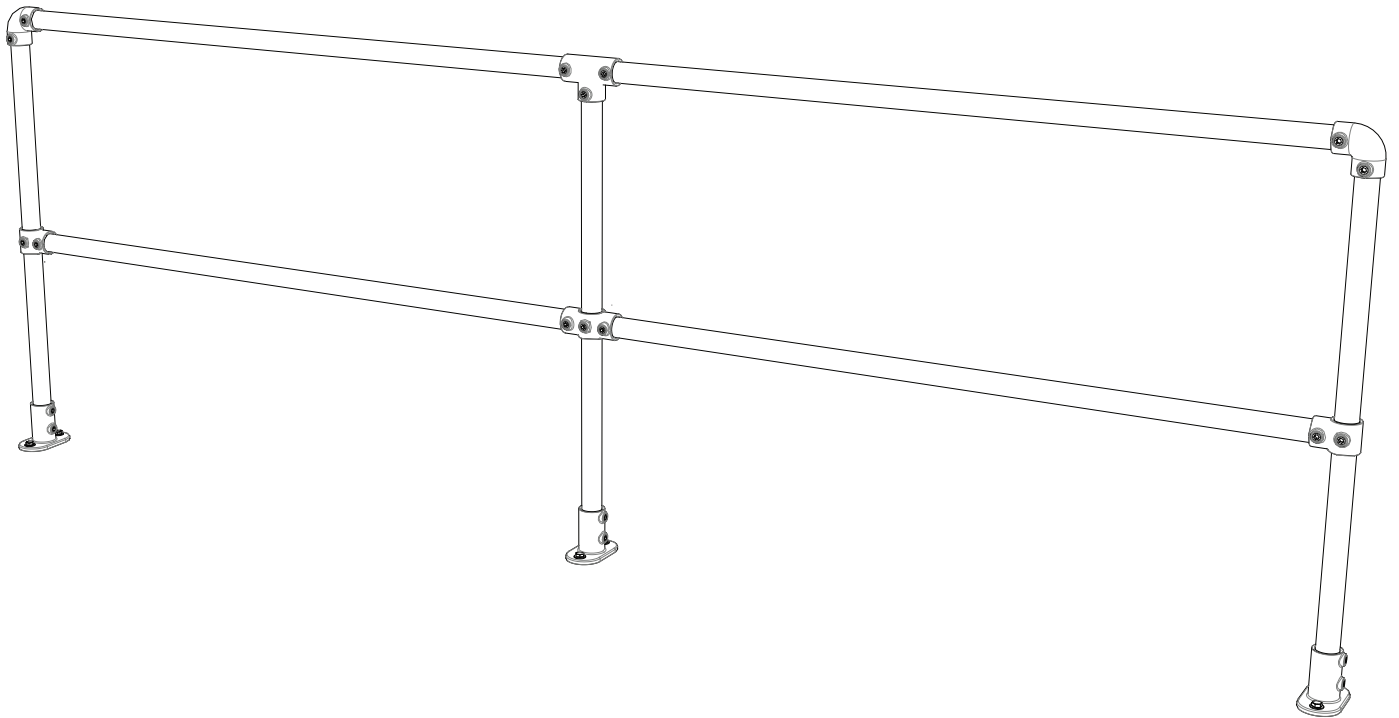
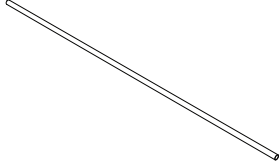


CartStopKK

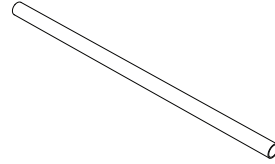
Galvanised Modular Handrail & Railing System



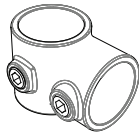
CartStopKK Hand Rail Components



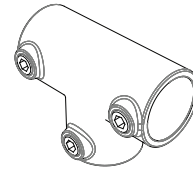
**42.4mm diameter 3m
Galvanised Rail
Pt No: KK-42.4C**



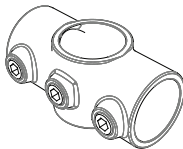
**42.4mm diameter 1m
Galvanised Rail
Pt No: KK-RAIL-1C**



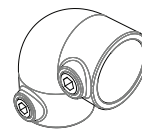
**Short Tee
Pt No: KK-101C**



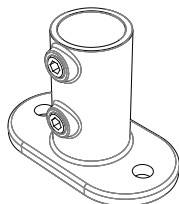
**Long Tee
Pt No: KK-104C**



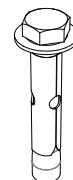
**Two Socket Cross
Pt No: KK-119C**



**Two Socket Cross
Pt No: KK-119C**



**Railing Base Flange
Pt No: KK-132C**

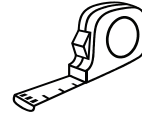


**Railing Base Flange
Pt No: KK-132C**

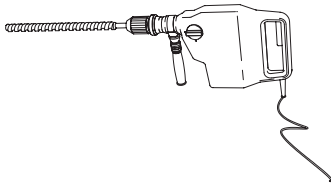
Tools & Equipment



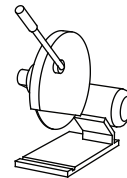
**Pencil/Marker &
Chalk Line**



Tape Measure



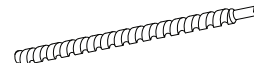
Hammer Drill



**Chop Saw
(Suitable for cutting steel)**



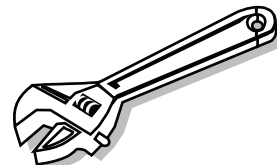
8mm Allan Key



**12mm SDS Drill Bit
(Hammer drill bit)**



Nut Runner/Impact Driver

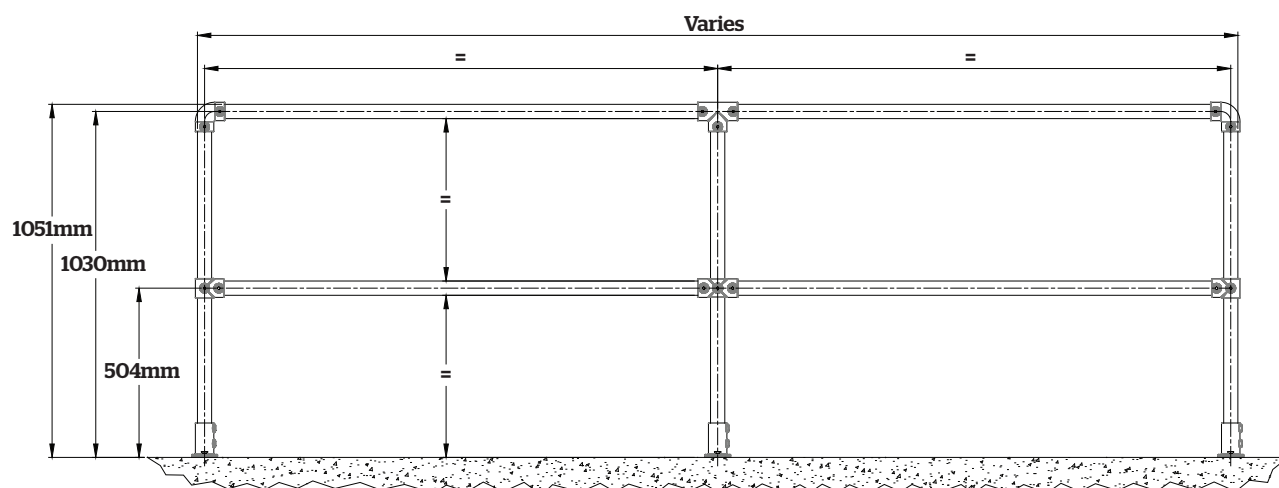


Wrench/Socket Set

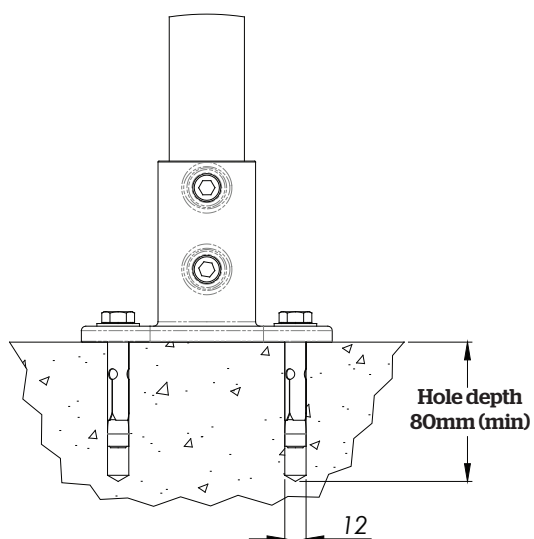
CartStopKK Installation Details



General Layout



Hole Details

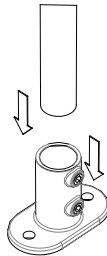


CartStopKK Installation Details



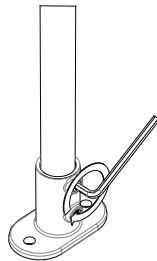
1.0. End Post Assembly

1.1.



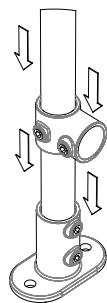
Position railing base flange (Pt. No: KK-132C) and insert 1m tube upright (Pt. No: KK-RAIL-1C) into the base flange socket

1.2.



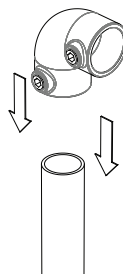
Using the 8mm Allan secure the upright post using the two grub screws installed in the base flange

1.3.



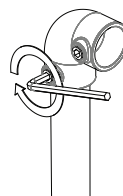
Slide over the upright tube the short tee (Pt. no: KK-101C) and leave loose against the base flange

1.4.



Slide ove the top of the upright tube the 90 degree elbow (Pt. No. KK-125C). Ensure the open socket is perpendicular (90 degrees) to the base flange

1.5.



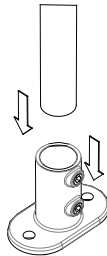
Secure the 90 degree elbow. Again ensure that the open socket is secured perpendicualar to the base flange

CartStopKKInstallation Details



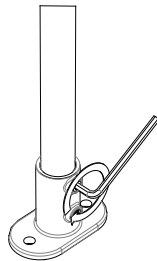
2.0. Mid Post Assembly

2.1.



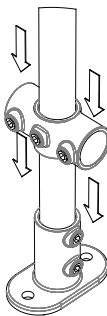
Position railing base flange (Pt. No: KK-132C) and insert 1m tube upright (Pt. No: KK-RAIL-1C) into the base flange socket

2.2.



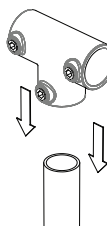
Using the 8mm Allen secure the upright post using the two grub screws installed in the base flange

2.3.



Slide over the upright tube the two socket cross (Pt. no: KK-119C) and leave loose against the base flange

2.4.



Slide ove the top of the upright tube the long tee (Pt. No. KK-104C). Ensure the open sockets are perpendicular (90 degrees) to the base flange

2.5.



Secure the long tee. Again ensure that the open socket is secured perpendicualar to the base flange

CartStopKK Installation Details



3.0. Assemble Second End Post

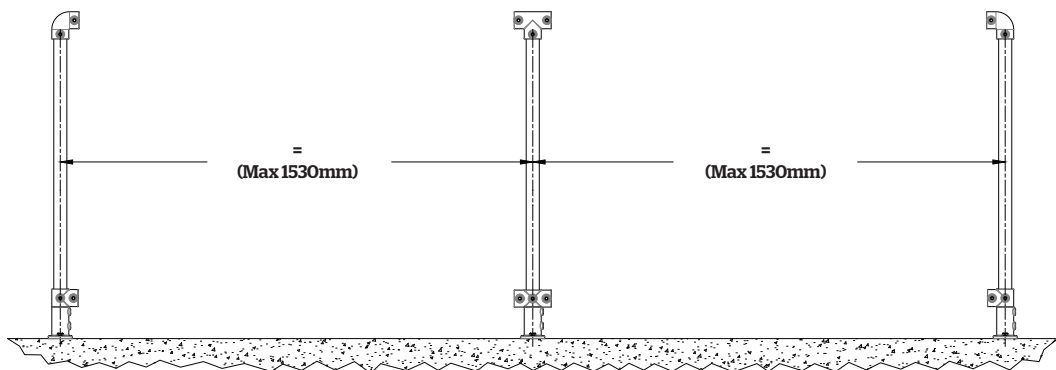
3.1.



Follow steps detailed in step 1.0 and assemble the second end post

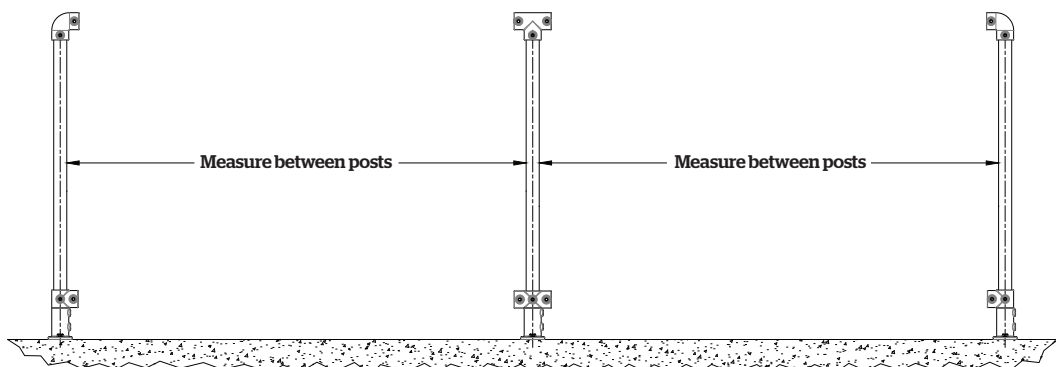
4.0. Assemble Hand Rail

4.1.



Position end and mid posts - post centres should be no greater than 1530mm between centres. Posts should be equally spaced

4.2.



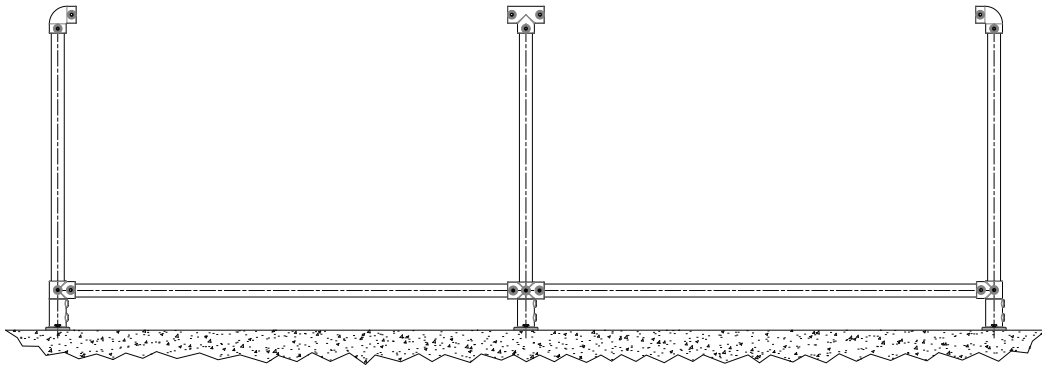
Measure between the post faces to get the measurement for the bottom rails. Ensure the measurement is between the upright posts

CartStopKK Installation Details



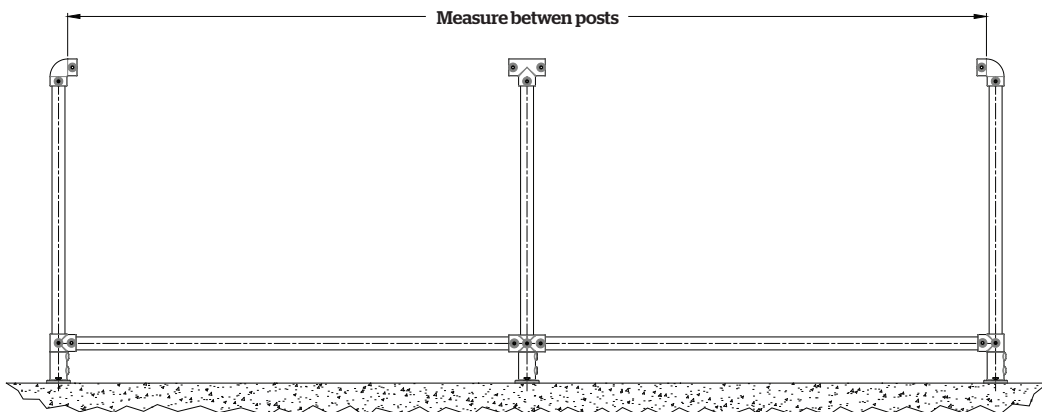
4.0. Assemble Hand Rail (Continued)

4.3.



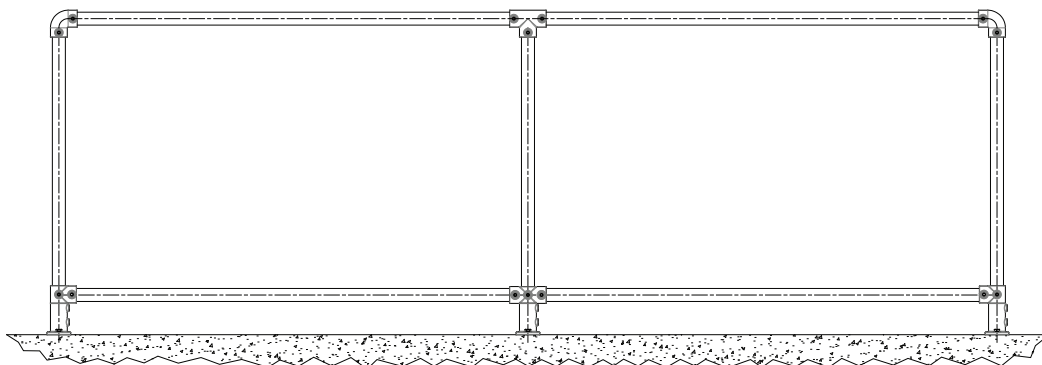
Taking the measurement between the posts cut the 3m Rail (Pt. No. KK-42.4C) to the required length for the 2 lower rails. Install the two cut lengths between the 2 short tee's and the two socket cross. Do not secure any lower rail components yet

4.4.



Measure between the two end posts to get the measurement for the bottom rails. Ensure the measurement is between the upright posts

4.5.



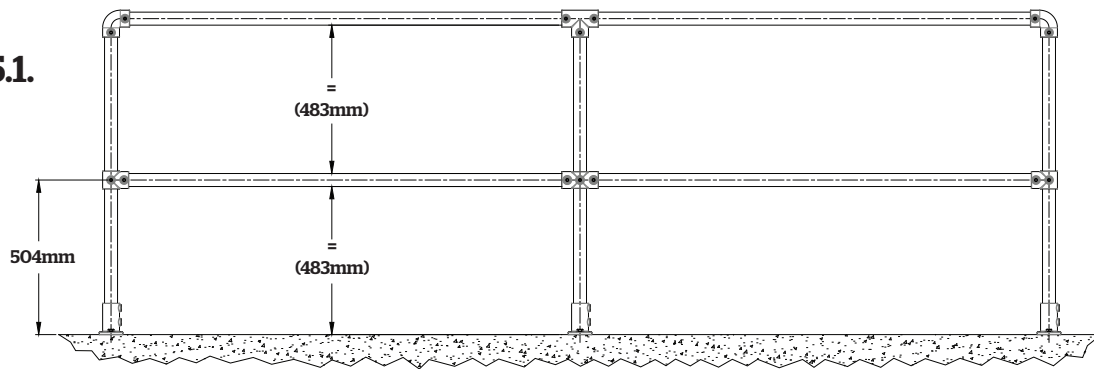
Taking the measurement between the posts cut the 3m Rail to the required length for the top rails. Install the top rail through the long tee and into each 90 degree elbow

CartStopKK Installation Details



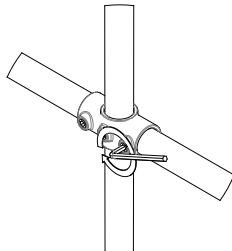
5.0. Securing the rails

5.1.



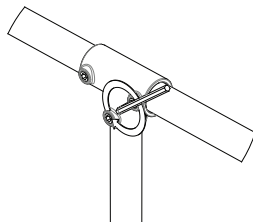
Raise the bottom rail so that the gap between the top and bottom rail and the bottom rail and the floor level is equal (approximately 504mm to the centre of the bottom rail)

5.2.



Using the 8mm Allan key secure all the bottom rail and components into position (short tee's, two socket cross and rails)

4.5.



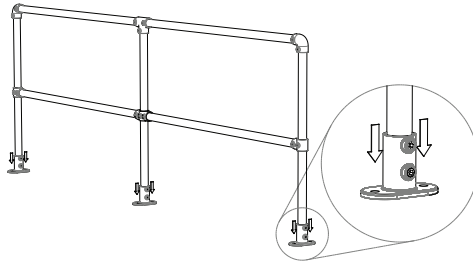
Using the 8mm Allan key secure all the top rail and components into position (long tee's, two 90 degree elbow's and rails)

CartStopKK Installation Details



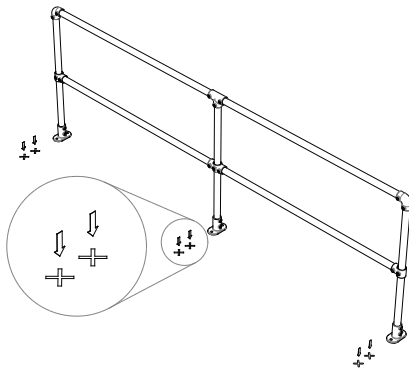
6.0. Fix Down CartStopKK Assembly

6.1.



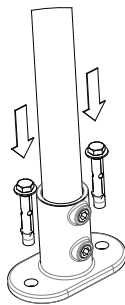
Position the CartStopKK assembly in its final location and with a marker through the base flange holes mark the fixing holes on the floor

6.2.



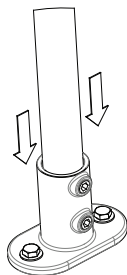
Move the CartStopKK assembly to one side and with the SDS drill and a 12mm SDS drill bit drill the fixing holes

6.3.



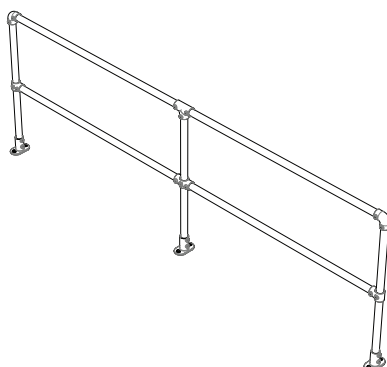
Reposition the CartStopKK assembly and insert fixings (Pt. No: FXG-RAWLOCK)

6.4.



Using the nut runner and 17mm socket secure down all ground fixings

6.4.



INSTALLATION COMPLETE

Ensure all debris and tools are cleared away and installation is left clean