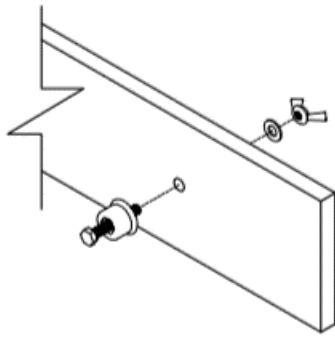
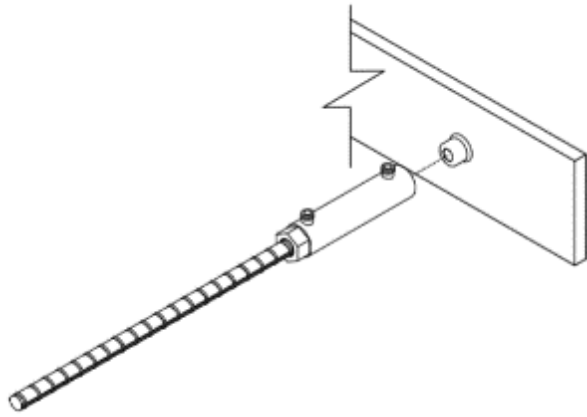
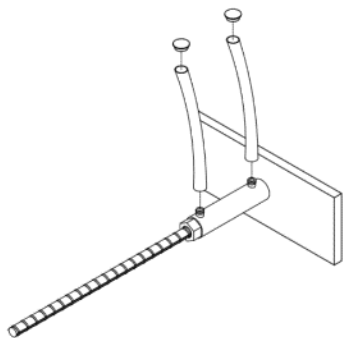
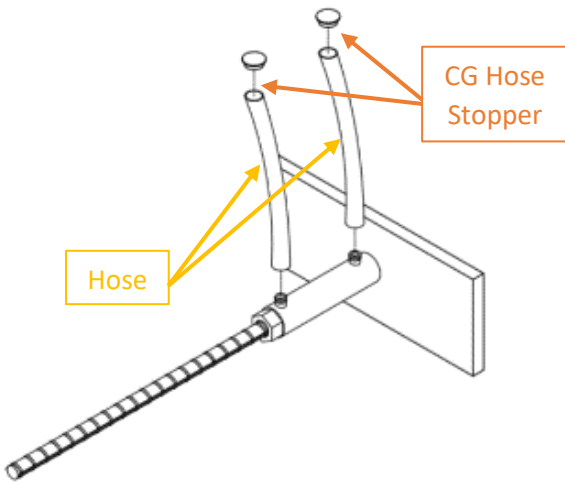


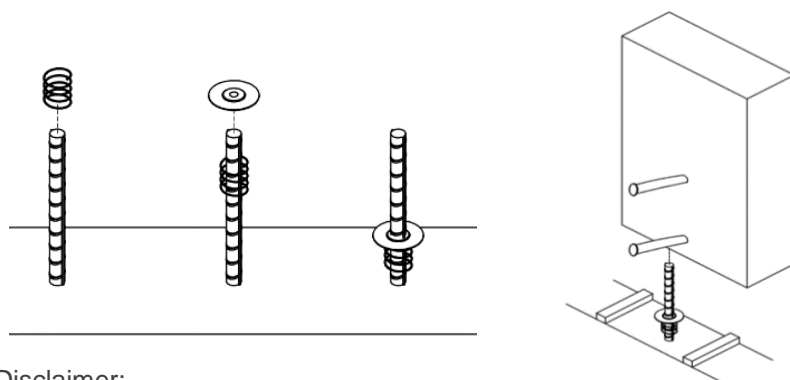
MOMENT CAST GROUT COUPLER INSTALLATION GUIDELINES



No.	Instruction	Figure								
1	<p>Drill a hole on the formwork for the hexagon bolt on the Position Bolt to go through, <i>Figure 1</i>. The hole size would depend on the hexagon bolt used, see Table 1.</p> <table><tr><th>Coupler Size</th><th>Hexagon Bolt Thread Diameter</th></tr><tr><td>H12-H16</td><td>M10</td></tr><tr><td>H20-H25</td><td>M12</td></tr><tr><td>H32-H40</td><td>M16</td></tr></table> <p><i>Table 1: Hexagon Bolt Diameter for Different Coupler Sizes.</i></p>	Coupler Size	Hexagon Bolt Thread Diameter	H12-H16	M10	H20-H25	M12	H32-H40	M16	 <p><i>Figure 1: Fixing Position Bolt to Formwork.</i></p>
Coupler Size	Hexagon Bolt Thread Diameter									
H12-H16	M10									
H20-H25	M12									
H32-H40	M16									
2	<p>Make sure there are no foreign objects in the grout coupler sleeve. A torch light may help to inspect the interior of the grout coupler sleeve. Use compressed air to blow through to clear debris.</p>									
3	<p>Place the Position Bolt on the formwork, allowing the bolt threads to go through the drilled hole on the formwork. Secure using washer and wing nut.</p>									
4	<p>Force the grout coupler opening onto the rubber plug on the Position Bolt, as shown in <i>Figure 1</i>. Ensure the coupler edge is flush to the formwork. Tighten wing nut.</p>	 <p><i>Figure 1: Fixing Grout Coupler onto Position Bolt.</i></p>								

5	If using full grout coupler, an additional accessory called End Cap is necessary to be placed to close the grout opening on the rebar side. Before inserting the rebar, cut 'star' shape slots using a blade, the slots on the End Cap as a guide.	 <p>Figure 2: Inserting Clear Hose and Hose Stopper.</p>
6	Place Clear Hose on the grout coupler valve. A Hose Stopper may also be necessary, as shown in Error! Reference source not found..	
7	Repeat steps 1 – 6 for other grout couplers. Now casting can begin.	
8	After casting, remove Hose Stopper.	
9	The Dust Cap can be placed on the grout coupler opening, to prevent dirt and debris from entering the coupler, prior to installation on site.	
10	If using Mass Grouting Method, at least 2 additional hoses needs to be casted into the column. These hoses will be used to pump grout through later on site.	

Site Installation using Mass Grouting Method



Disclaimer:

Any technical advice/support or drawings provided by us in whatever form is given to the best of our knowledge and for general use only and shall be considered non-binding information

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