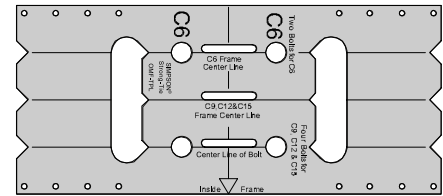


Anchorage Installation Accessories

Form Template: OMF-TPL

This template is used to precisely position the anchorage assembly on the form prior to the concrete pour. It helps ensure that the assembly is positioned correctly with relation to the forms. While a template is included with each OMFSL or OMFAB assembly, these are also sold separately for replacement or convenience.

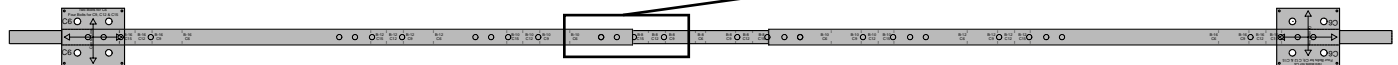
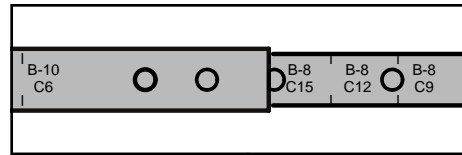


OMF-TPL

Universal Template Locator: OMF-UTLA

This optional layout tool is designed to help the installer accurately space two OMFSL or OMFAB anchorage assemblies on the forms prior to the concrete pour. Anchor bolt location is critical to a trouble-free moment frame installation. By using the UTLA to position both assemblies at once, the installer helps ensure that the anchor bolts will be spaced correctly to accept both moment frame columns.

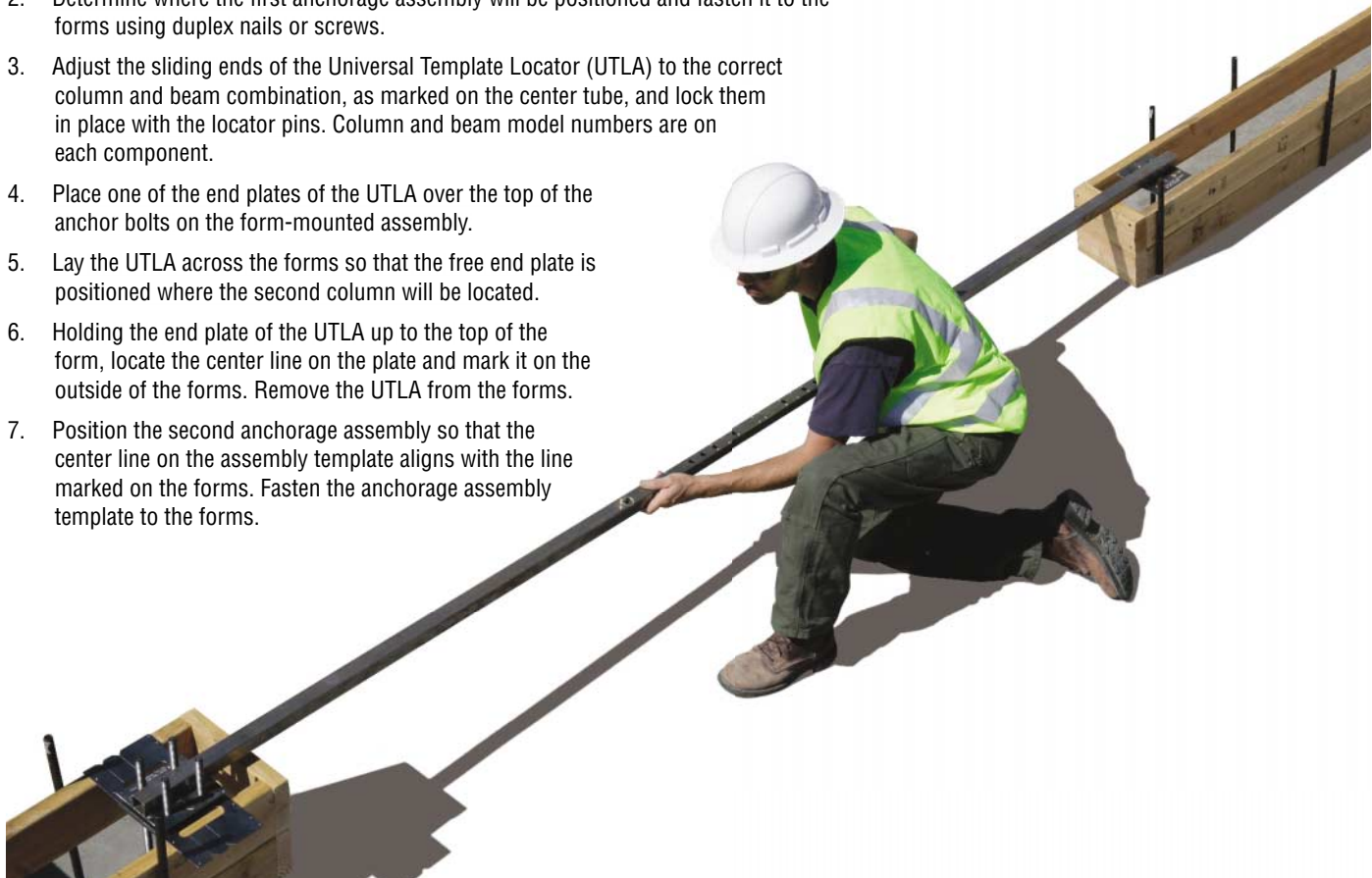
- Optional tool for use with all standard sizes of Strong Frame ordinary moment frames
- Reusable for years of service
- Adjustable from 8' to 20' width to address all standard opening sizes
- Spacing is locked into place when the pins are set, eliminating variability due to handling or transportation
- Helps eliminate costly anchor-bolt placement issues
- Collapses to fit in a pick-up truck bed



OMF-UTLA

How to use:

1. Assemble the inner tube and slide on the two outer sleeves with all markings facing the same way.
2. Determine where the first anchorage assembly will be positioned and fasten it to the forms using duplex nails or screws.
3. Adjust the sliding ends of the Universal Template Locator (UTLA) to the correct column and beam combination, as marked on the center tube, and lock them in place with the locator pins. Column and beam model numbers are on each component.
4. Place one of the end plates of the UTLA over the top of the anchor bolts on the form-mounted assembly.
5. Lay the UTLA across the forms so that the free end plate is positioned where the second column will be located.
6. Holding the end plate of the UTLA up to the top of the form, locate the center line on the plate and mark it on the outside of the forms. Remove the UTLA from the forms.
7. Position the second anchorage assembly so that the center line on the assembly template aligns with the line marked on the forms. Fasten the anchorage assembly template to the forms.



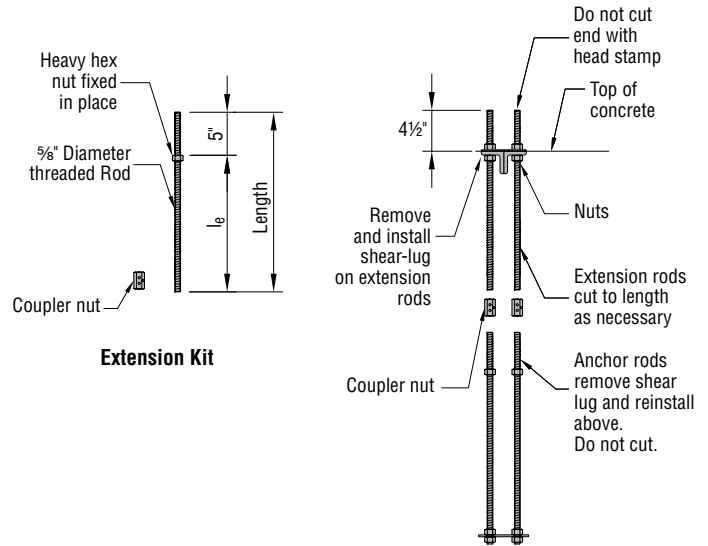
Anchorage Installation Accessories

Extension Kit

The Strong Frame anchorage extension kit extends the anchor rods in the OMFSL and OMFAB anchorage assemblies to allow for anchorage in tall stemwall applications where embedment into the footings is required. Made from ASTM F1554 Grade 36 rod or ASTM A449 rod, the extension kits feature heavy hex nuts that are fixed at the correct position to go underneath the shear lug or template and a “No Equal” (≠) head stamp for identification. Coupler nuts are included with each kit. Kits available hot dipped galvanized for corrosion protection when required, lead times apply.

Installation – OMFSL

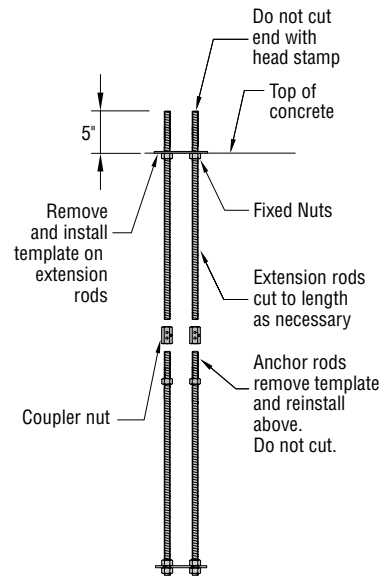
1. Remove original rods from the anchorage assembly.
2. Insert extension rods (as shown) and fasten with 5/8" nuts provided.
3. Cut bottom of rod to desired length so that the shear lug is flush with top of concrete.
4. Install original anchor rods onto the bottom of the extension rods using the coupler nuts (provided). Tighten rods so that both ends are visible in the "witness hole" openings.



OMFSL Anchorage Assembly with Extension Kit

Installation – OMFAB

1. Remove original rods from the anchorage assembly.
2. Insert extension rods (as shown) and fasten with 5/8" nuts provided.
3. Cut bottom of rod to desired length so that the fixed nut is flush with top of concrete.
4. Install original anchor rods onto the bottom of the extension rods using the coupler nuts (provided). Tighten rods so that both ends are visible in the "witness hole" openings.



OMFAB Anchorage Assembly with Extension Kit

Model No.	Anchor Rod		Length (in)	Min. Embedment l_e (in)	Coupler Nut
	Qty.	Dia.			
OMF-ATR5EXT-2HS	2	5/8"	36	31	ATS-HSC55
OMF-ATR5EXT-4HS	4	5/8"	36	31	ATS-HSC55
OMF-ATR5EXT-2LS	2	5/8"	36	31	CNW5/8
OMF-ATR5EXT-4LS	4	5/8"	36	31	CNW5/8
OMF-ATR5EXT-2HSG	2	5/8"	36	31	ATS-HSC55
OMF-ATR5EXT-4HSG	4	5/8"	36	31	ATS-HSC55
OMF-ATR5EXT-2LSG	2	5/8"	36	31	CNW5/8
OMF-ATR5EXT-4LSG	4	5/8"	36	31	CNW5/8