

INTENDED USE

Mekano FSS CH100-3-P channels are factory perforated C-shaped profiles designed to offer enhanced torsional resistance. This channel is suitable for medium to heavy duty load applications.

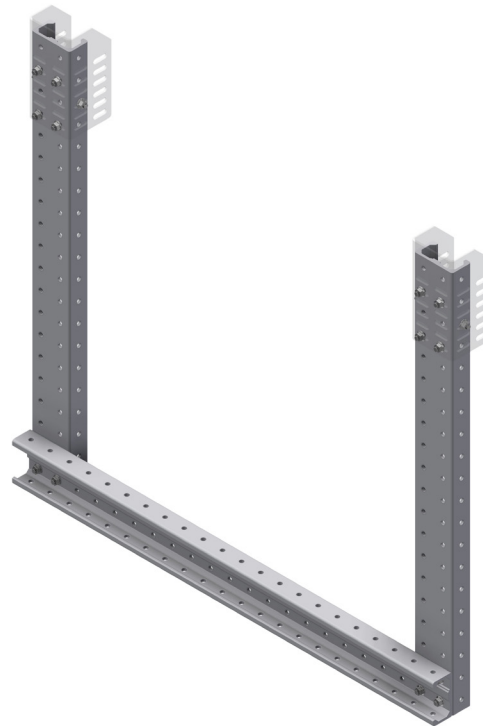
INSTRUCTION FOR USE

Mekano FSS CH100-3-P channel should be assembled using M10 hex bolts.

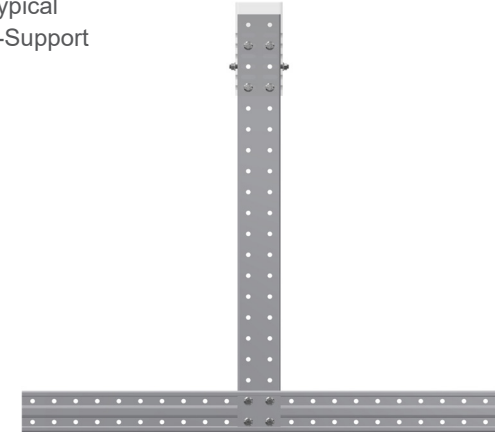
Stainless steel bolts are recommended for all FRP support systems to enhance durability and corrosion resistance. This recommendation aligns with Eurocode guidance and is also a requirement when utilizing the validation service.

Mekano FSS CH100-3-P channel are easily connected back-to-back. No drilling is required since these channels come pre-perforated with 50mm center-to-center hole spacing. A minimum of 4 fasteners per connection is recommended for structural integrity.

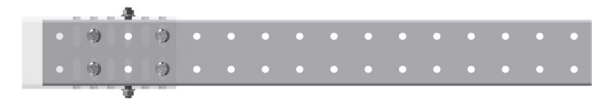
Attach the channel loosely to allow for alignment, then fasten it securely once it is correctly positioned.



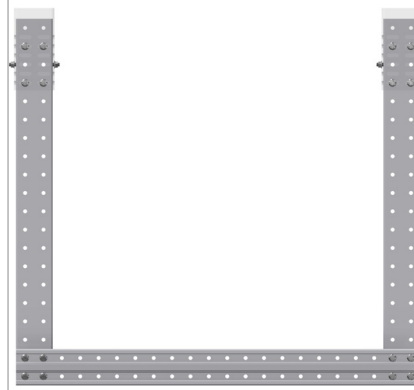
Typical T-Support



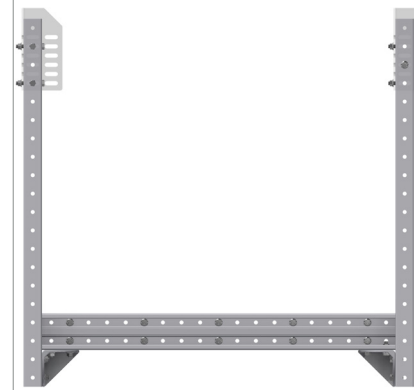
Typical Cantilever



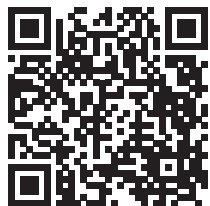
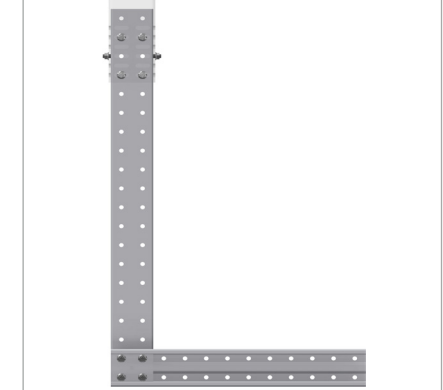
Typical U-Support



Typical Heavy Duty H-Support



Typical L-Support



User Guide for Bolts:
Recommended Torque