

5.0 Installation System Hangers

5.9 Cast In

Continuous concrete insert strut

Product Features

- Use with a variety of Hilti fasteners to hang threaded rod
- PV foam insert keeps wet concrete out of channel and removes easily in one piece once concrete is cured

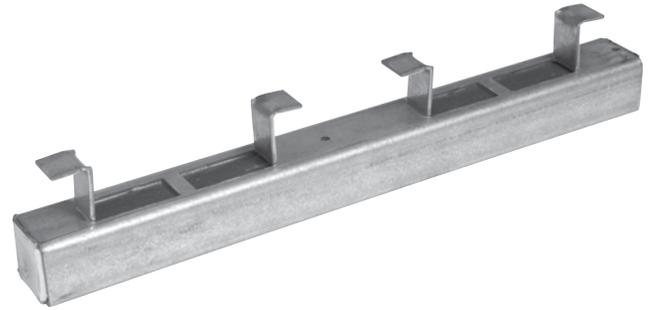
Material Specifications

Material and finish	ASTM A1011 (replaces A570) Grade 33 Carbon Steel Pre-galvanized to G90
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Ordering Information

Description	Qty	Item No.
Cast In Strut 1 3/8" x 12 ga x 20'	10	3448648
Cast In Strut 13/16" x 12 ga x 20'	10	3448649

Note: Allow two to three weeks for delivery.



Technical Data

Description	Field cut or Special Ordered Length (in)	Allowable Load ^{1,2,3,4,5,6,7} (lb/ft)
CIS STRUT	8	1200
CIS STRUT	12	2000
CIS STRUT	120 (10 ft)	2000

- 1 Allowable loads based on a safety factor of 3.0 on ultimate capacity in 3,000 psi min. NW concrete
- 2 Allowable loads in table above must be applied a minimum of 2" from the end of strut
- 3 For loads placed less than 2" from the end of the strut reduce the allowable load by 50%
- 4 Minimum required edge distance from strut centerline to concrete edge = 3" in both directions
- 5 Minimum required end distance from end of strut to concrete edge = 3" at both ends
- 6 Field cut CIS must have a minimum of two bent tabs
- 7 End caps must be used on all field cuts:
 - a. Use Flush End Caps on both ends of field cut lengths > 8", special order separately
 - b. Use Anchor End Caps on both ends of field cut lengths = 8", special order separately

