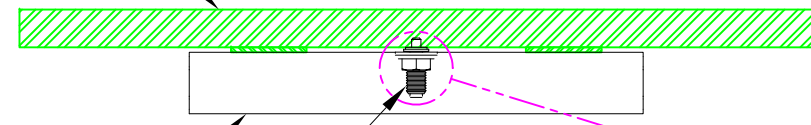


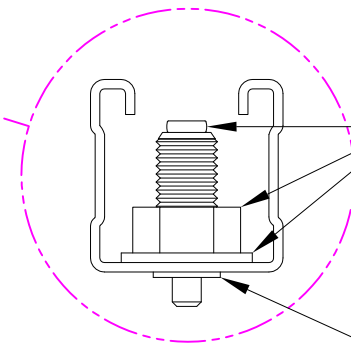
**STRUT FASTEN TO BOTTOM FLANGE (OVERHEAD)**

ASTM A36 OR ASTM A572 GRADE 50 STEEL; T ≥ 5/16 IN.\*



HILTI HS-158 STRUT

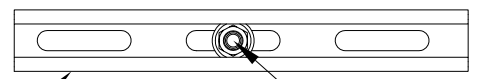
HILTI X-BTW10-24-6 SN12R  
POWDER-ACTUATED THREADED STUD WITH STAINLESS STEEL FLAT WASHER (ASTM A240 TYPE 316), HELICAL SPRING LOCK WASHER AND HEX NUT (ASTM F594)



HILTI X-BTW10-24-6 SN12R  
POWDER-ACTUATED THREADED STUD WITH STAINLESS STEEL FLAT WASHER (ASTM A240 TYPE 316), HELICAL SPRING LOCK WASHER AND HEX NUT (ASTM F594)

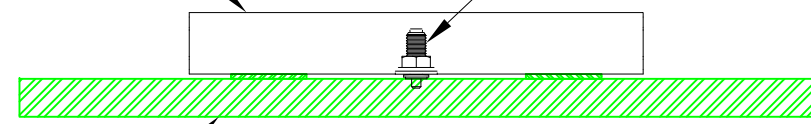
U.V. RESISTANT SEALING WASHER WITH STAINLESS STEEL COVER

HILTI HS-158 STRUT



HILTI X-BTW10-24-6 SN12R POWDER-ACTUATED THREADED STUD WITH STAINLESS STEEL FLAT WASHER (ASTM A240 TYPE 316), HELICAL SPRING LOCK WASHER AND HEX NUT (ASTM F594)

HILTI HS-158 STRUT



ASTM A36 OR ASTM A572 GRADE 50 STEEL; T ≥ 5/16 IN.\*

**STRUT FASTEN TO TOP FLANGE**

- NOTE:**
1. SPACE POWDER-ACTUATED STUDS ACCORDINGLY TO ACCOMMODATE DESIGN LOADS. MINIMUM OF TWO STUDS PER STRUT SECTION.
  2. POWDER-ACTUATED STUDS SHALL BE INSTALLED PER HILTI INSTALLATION INSTRUCTIONS.
  3. POWDER-ACTUATED STUDS SHALL BE INSTALLED AT CENTERLINE OF OPEN FULL SLOT.
- \* CONTACT HILTI ENGINEERING FOR THINNER BASE MATERIAL



Information and loads are recommendations for static application, and based on the published data in the Hilti Technical Guide (including allowable load values, factors of safety, methods of calculation and limiting factors). The responsible project engineer must verify suitability for any specific application. Modification to design may alter performance and should be evaluated by engineer of record.

Drawn	HAM/JGB	Developer	RPB
Date	25 JUN 12	Drawing No.	12-122-04
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Project: DETAILS FOR ELECTRICAL ENGINEERS

Description: STRUT FASTENED TO BOTTOM/TOP FLANGE