

HL1 | Snap with 1/4 in. x 2 in. Wood Hex Lag

SC0206HL1 - SC0335HL1 | #2 and #3 cable, 6, 12, 20 and 35 ft.



01 ALLOWABLE TENSION LOAD

CABLE	CAPACITY	SOLID SAWN, GLULAM AND CLT
		1/4 in. x 2 in. hex lag, 1-11/32 in. thread penetration
#2 3/32 in.	175 lbs	175 lbs
#3 1/8 in.	320 lbs	209 lbs

02 NOTES

PRE-ENGINEERED CABLE SUPPORT ASSEMBLY FOR TIMBER STRUCTURE, WITH THE SNAP BRACKET AND A 1/4 IN. X 2 IN. WOOD HEX LAG.

- CONNECTION TO STRUCTURE MUST BE REVIEWED BY THE STRUCTURAL ENGINEER OF RECORD.
- TABLE 1 IS THE ALLOWABLE WITHDRAWAL OF THE HEX LAG AT 1-11/32 IN. THREAD PENETRATION, THE MAXIMUM AVAILABLE ON A 1/4 IN. X 2 IN. LAG SCREW.
- DERIVED WITH THE AWC CONNECTION CALCULATOR PER THE 2024 NDS, ASD, EQUATION 12.2-1. CD=0.90 PERMANENT LOAD, CM=CT=CEG=1.00.
- LOWEST OF DOUGLAS FIR-LARCH G=0.50, SOUTHERN PINE G=0.55, HEM-FIR G=0.43 AND SPRUCE-PINE-FIR G=0.42. SPRUCE-PINE-FIR GOVERNS. GLULAM TAKES THE SPECIFIC GRAVITY OF ITS LAMINATION SPECIES.
- CLT: THE VALUE APPLIES TO THE PANEL FACE, WHICH CARRIES THE SAME VALUE AS SOLID SAWN AND GLULAM AT EQUAL SPECIFIC GRAVITY. NOT FOR INSTALLATION IN THE NARROW EDGE OF CROSS-LAMINATED TIMBER, NOR IN END GRAIN OF ANY MEMBER.
- RATED LOADS ARE FOR THE SUPPORT ASSEMBLY ONLY. THE ATTACHMENT TO STRUCTURE IS EVALUATED SEPARATELY.
- STANDARD CABLE LENGTHS: 6', 12', 20', AND 35'. CUSTOM LENGTHS AVAILABLE UPON REQUEST.
- CABLE MANUFACTURED IN ACCORDANCE WITH ASTM A1023 AND ASTM A931.
- VERIFIED FOR COMPLIANCE WITH THE FOLLOWING STANDARDS BY ICC-ES: ICC-ES PMG LC 1041, MSS SP-58-2025, MSS SP-163-2025, UL 2239, ASME B31.9-2025, IAPMO PS 95-2018E3, AND SMACNA HVAC DUCT CONSTRUCTION STANDARDS.
- WHERE THE HEX LAG WITHDRAWAL IS LOWER THAN THE ICC ASSEMBLY RATING, THE HEX LAG GOVERNS THE INSTALLED CAPACITY.