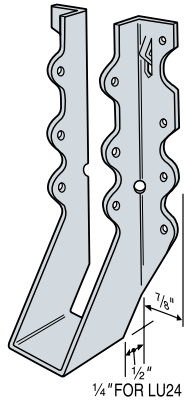
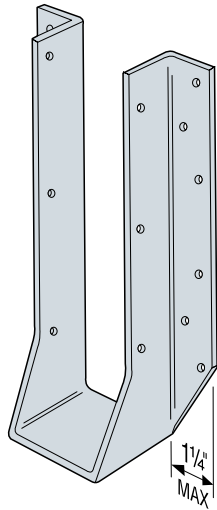


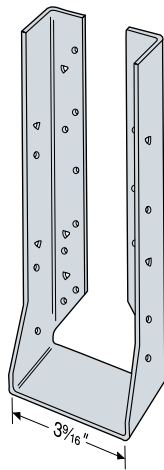
**U210**



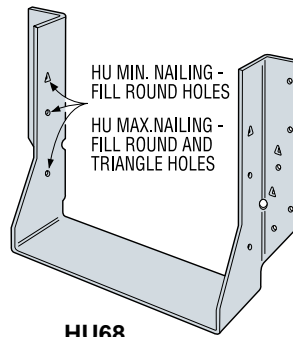
**LU28**  
(except LU Roughs)



**HU214**  
Projection seat on most models for maximum bearing and section economy.

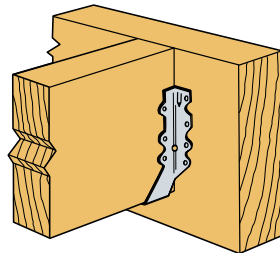


**HUC412**  
Concealed Flanges

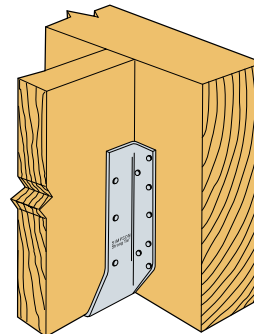


**HU68**

*Model configurations may differ from those shown. Some HU models do not have triangle holes. Consult factory.*



Typical LU28 Installation



Typical HU Installation

See Hanger tables on pages 47 to 53. See Hanger Options on pages 149-154 for hanger modifications, which may result in reduced loads.  
LU—Value engineered for strength and economy. Precision-formed—engineered for installation ease and design value.

U—The standard U hanger provides flexibility of joist to header installation. Versatile fastener selection with tested allowable loads.

HU—Most models have triangle and round holes. To achieve maximum loads, fill both round and triangle holes with common nails. These heavy-duty connectors are designed for schools and other structures requiring additional strength, longevity and safety factors.

**MATERIAL:** See tables on pages 47 to 53.

**FINISH:** Galvanized

**INSTALLATION:** • Use all specified fasteners. See General Notes.

• HU—can be installed filling round holes only, or filling round and triangle holes for maximum values.

**OPTIONS:** • HU hangers available with the header flanges turned in for **2 5/16" width and larger**, with no load reduction—order HUC hanger.

• See Hanger Options on page 151, for sloped and/or skewed U/HU models, and HUC (concealed flange) models.

• HU only—rough beam sizes available by special order. See page 53 for tables.

• Also see LUS and HUS series.

**CODES:** BOCA, ICBO, SBCCI NER-393; ICBO 5117; City of L.A. RR 24947;

**Dade Co. 00-0121.04.**

## JOIST SHEAR LOADS

The maximum capacity of a horizontal joist or rafter may be limited by the maximum horizontal shear capacity. This table gives the capacity for common sizes.

Joist or Rafter	Allowable Shear					
	100		115		125	
	DFL	SPF	DFL	SPF	DFL	SPF
2x4	332	245	382	282	415	306
2x6	522	385	600	443	653	481
2x8	688	508	792	584	860	635
2x10	878	648	1010	745	1098	810
2x12	1068	788	1229	905	1335	984

1. DFL = Doug Fir-Larch; SPF = Spruce-Pine-Fir.
2. FV = 95 psi for DFL, 70 psi for SPF.
3. The 115 and 125 loads are 115% and 125% of the 100% column, according to the code for short-term loading.