

L, LS and S/LS Utility Clips and Skewable Angles

L, LS and S/LS angles are load rated and provide the correct thickness and number of fasteners the specifier is looking for compared with field fabricated clip angles. These angles also have well-defined fastener locations, and testing ensures that the tabulated load values account for connection eccentricities. The connectors are general utility reinforcing angles with multiple uses. LS and S/LS connectors are skewable and can be used to attach members intersecting at angles.

Material: L — 54 mil (16 ga.); LS — 43 mil (18 ga.); S/LS — 43 mil (18 ga.)

Finish: Galvanized (G90)

Installation:

- Use all specified fasteners
- S/LS — field-skewable; bend one time only
- CFS framing must be constrained against rotation when using a single S/LS per connection

Codes: See p. 11 for Code Reference Key Chart

Model No.	Length (in.)	Fasteners	Allowable Load (lb.)						Code Ref.
			33 mil (20 ga.)		43 mil (18 ga.)		54 mil (16 ga.)		
			F ₁	F ₂	F ₁	F ₂	F ₁	F ₂	
L30	3	(4) #10	200	60	315	85	610	—	160
L50	5	(6) #10	475	—	675	90	750	110	
L70	7	(8) #10	705	—	760	110	1,100	110	
L90	9	(10) #10	795	—	945	110	1,740	110	
LS30	3%	(6) #10	200	—	370	—	500	—	
S/LS50	4%	(4) #10	200	—	370	—	500	—	
S/LS70	6%	(6) #10	465	—	575	—	715	—	
LS90	7%	(12) #10	465	—	895	—	915	—	

1. Loads are for one part only.
2. See pp. 138 through 171 for more information on Simpson Strong-Tie fasteners.

