

Slide Clip™ (SD)

Curtain Wall/Bypass

Edge-of-slab deflection clip for curtain wall framing.

ClarkDietrich SD slide clips are used to attach exterior curtain wall studs to the building structure and provide for vertical building movement independent of the cold-formed steel framing. SD slide clips are used in bypass framing situations and are normally welded or otherwise fastened to the vertical leg of a structural angle at the floor or roof edge.

ALTERNATIVE PRODUCTS

FastClip™ Slide Clip, Fast Strut™, QuickClip™

PRODUCT DIMENSIONS

2-3/8" x 5"

Slide Clip™					
Product code	Thickness			Size (in)	Packaging Pcs./Carton
	Gauge	Mils	Design thickness (in)		
SD	14	68	0.0713	2-3/8 x 5	50
SD	12	97	0.1017	2-3/8 x 5	50

MATERIAL SPECIFICATIONS

Gauge: 14 gauge (68mil)

Design Thickness: 0.0713 inches

Gauge: 12 gauge (97mil)

Design Thickness: 0.1017 inches

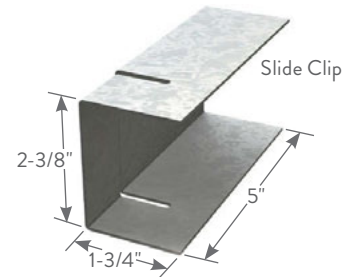
Coating: G90

Yield Strength: 50ksi

ASTM: A653/A653M

INSTALLATION

Position Slide Clip™ slot over C-stud flange and return. If a standoff exists, a secondary member must be installed. Secure the Slide Clip to the primary building frame with screws, welds or powder-actuated fasteners.



Slide Clip™ (14GA, 50KSI) ALLOWABLE LOADS

Stud type/flange width	Stud gauge	Min. thickness (in)	Stud Fy (ksi)	Allowable Welded Clip Capacity (lb)		Allowable Clip Capacity Using Mechanical Fasteners (lb)								Buildex 12-24, T5 TEK screws
						PAF to Steel								
						Using a Safety Factor of 5				Using a Safety Factor of 10				
						Steel Thickness (in)								
				Fully welded	Partially welded	3/16"	1/4"	3/8"	1/2"	3/16"	1/4"	3/8"	1/2"	
137 (1-3/8")	20	0.0329	33	595	298	216	216	216	216	135	191	216	216	271
	18	0.0428	33	595	298	216	216	216	216	135	191	216	216	271
	16	0.0538	33	595	298	216	216	216	216	135	191	216	216	271
			50	595	298	216	216	216	216	135	191	216	216	271
	14	0.0677	33	595	298	216	216	216	216	135	191	216	216	271
			50	595	298	216	216	216	216	135	191	216	216	271
162 (1-5/8")	20	0.0329	33	380	298	216	216	216	216	135	191	216	216	271
	18	0.0428	33	402	298	216	216	216	216	135	191	216	216	271
	16	0.0538	33	595	298	216	216	216	216	135	191	216	216	271
			50	595	298	216	216	216	216	135	191	216	216	271
	14	0.0677	33	595	298	216	216	216	216	135	191	216	216	271
			50	595	298	216	216	216	216	135	191	216	216	271
200 (2")	20	0.0329	33	173	173	173	173	173	135	173	173	173	173	
	18	0.0428	33	183	183	183	183	183	135	183	183	183	183	
	16	0.0538	33	289	289	216	216	216	216	135	191	216	216	271
			50	437	298	216	216	216	216	135	191	216	216	271
	14	0.0677	33	457	298	216	216	216	216	135	191	216	216	271
			50	595	298	216	216	216	216	135	191	216	216	271
250 (2-1/2")	20	0.0329	33	100	100	100	100	100	100	100	100	100	100	
	18	0.0428	33	106	106	106	106	106	106	106	106	106	106	
	16	0.0538	33	167	167	167	167	167	167	135	167	167	167	
			50	253	253	216	216	216	216	135	191	216	216	253
	14	0.0677	33	265	265	216	216	216	216	135	191	216	216	265
			50	401	298	216	216	216	216	135	191	216	216	271
300 (3")	20	0.0329	33	70	70	70	70	70	70	70	70	70	70	
	18	0.0428	33	74	74	74	74	74	74	74	74	74	74	
	16	0.0538	33	118	118	118	118	118	118	118	118	118	118	
			50	178	178	178	178	178	178	135	178	178	178	
	14	0.0677	33	186	186	186	186	186	186	135	186	186	186	
			50	282	282	216	216	216	216	135	191	216	216	271
12	0.0966	33	379	298	216	216	216	216	135	191	216	216	271	
		50	574	298	216	216	216	216	135	191	216	216	271	

12 gauge Slide Clip data available on request.

Notes:

- 1 A fully welded clip is welded across the top flange, bottom flange and side.
- 2 A partially welded clip is welded across the top and side only.
- 3 A 1/3 stress increase has not been used for the tabulated clip capacity for mechanical fasteners.

- 4 A mechanically fastened Slide Clip requires (3) fasteners total: (2) fasteners dimensionally placed horizontally 3/8" maximum from the slot and vertically equally spaced and (1) additional fastener placed horizontally 3/8" maximum from the edge of the Slide Clip and vertically centered on the clip.
- 5 Buildex is a registered trademark of Illinois Tool Works, Inc.