

Fixed Universal Slip Clip

Ideal for curtain wall/bypass conditions

The clips are available in standard lengths of 6" and 8" in 12 and 10 gauge. They are ideal for curtain wall/bypass conditions. FUS clips install quickly and provide adjustable standoff to ensure a plumb wall plane. For deflection application, proprietary heavy duty deflection screws are provided with each clip to ensure friction-free sliding.

- Eliminates shims and scabs.
- Provides vertical movement up to 1" when installed as a deflection application
- Fast, one-piece universal installation. No left- or right-handed clips.
- Can be used in applications where significantly higher capacities are required.
- Proprietary heavy duty deflection screws provide frictionless slip connections.

PRODUCT DIMENSIONS

Lengths: 6" or 8"

MATERIAL SPECIFICATIONS

Gauge: 12 gauge (97mils)

Design Thickness: 0.1017 inches

Gauge: 10 gauge (118mils)

Design Thickness: 0.1242 inches

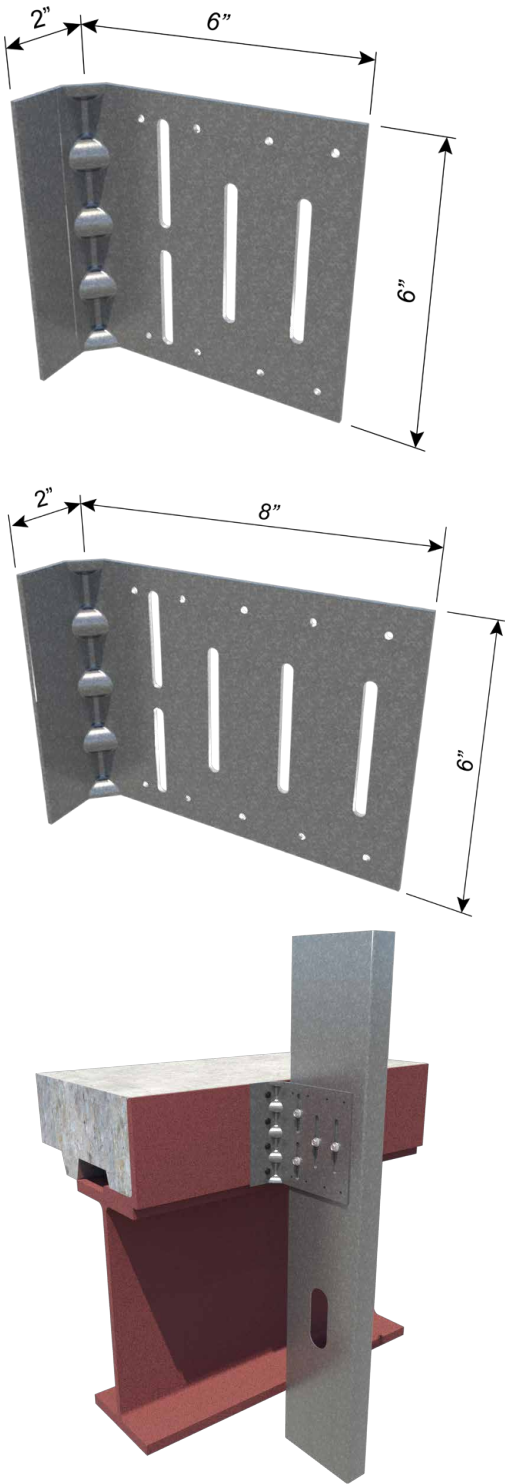
Coating: G90

Yield Strength: 50ksi

CODE APPROVALS AND PERFORMANCE STANDARDS

IAPMO ER-729

AISI S100



Fixed Universal Slip Clip (FUS6, FUS8)

Clip Designation	Thickness		Clip Length (in)	Packaging Pcs./Box
	mils (ga)	Design Thickness (in)		
FUS6-97	97 (12)	0.1017	6	10
FUS8-97			8	10
FUS6-118	118 (10)	0.1242	6	10
FUS8-118			8	10

INSTALLATION

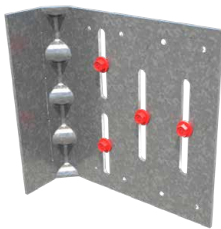
Connections to the building can be made with screws, welds, powder-actuated fasteners. Mechanical fasteners shall be located on the embossed marks given on the scored line of the 2" flange. Attach building anchors to the structure according to the manufacturer's instructions. Anchors shall be installed through the embossments on the scored line of the clip as shown on the attached drawings. In no case shall anchors be installed more than 3/4" from the bend on the short leg of the clip. In cases of discrepancy between this information and the Design Engineer's details, the Design Engineer's details shall be followed.

For a Deflection Connection:

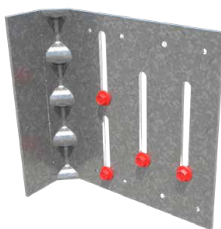
Attach the FUS clip to cold-formed steel framing members using proprietary heavy duty deflection screws (included) through the slotted holes and position for the appropriate building deflection. For the FUS6 clip all slotted holes shall have a screw. For the FUS8 clip the (2) outer slotted holes and the (2) stacked slotted holes must have screws. For a deflection connection, screws should not be installed in any non-slotted holes.

Proprietary HD Deflection Screws:

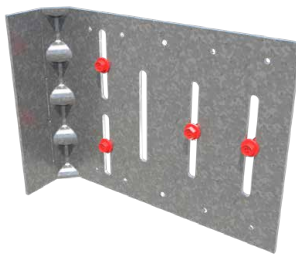
Many of the ClarkDietrich deflection clips include our proprietary heavy duty deflection fasteners that have been specifically designed to provide friction-free deflection. These fasteners eliminate drag, binding or resistance that can often occur with common fasteners. For the FUS clip, we supply a heavy duty version of the deflection screw. ClarkDietrich's Proprietary HD screws are utilized on the FUS clip only when used for a deflection condition.



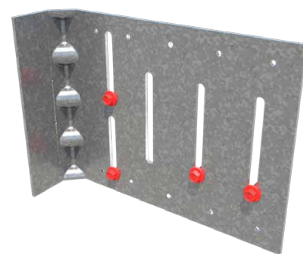
FUS6
FRAMING CENTERED
CONNECTION



FUS6
FRAMING OFFSET
CONNECTION



FUS8
FRAMING CENTERED
CONNECTION



FUS8
FRAMING OFFSET
CONNECTION

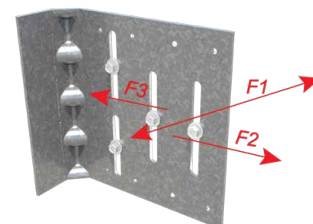
Fixed Universal Slip Clip

ATTACHMENT TO STRUCTURE: **DESIGNED BY OTHERS**

Clip Designation	Framing Member Details			Load Capacities (lbs)										
				In-Plane (F1)			Tension (F2)				Compression (F3)			
	Stud Depth	No. of Screws to Framing	Stud Thickness mils (ga)	Nominal Load	ASD Load	LRFD Load	1/8" Service Load	Nominal Load	ASD Load	LRFD Load	1/8" Service Load	Nominal Load	ASD Load	LRFD Load
FUS6-97	6	4	33 (20)	360	125	200	2340	3005	1035	1655	2750	3330	1170	1755
			43 (18)	560	195	310	2415	4280	1475	2360	3130	4175	1745	2615
			54 (16)	795	275	440	3115	5970	2055	3290	4270	6110	2105	3365
			68 (14)	1320	455	730	3450	7785	2680	4290	4685	7985	2750	4400
			97 (12)	2600	895	1405	3575	8950	2985	4475	4625	11010	3790	6065
FUS8-97	8	4	33 (20)	325	110	180	2315	3065	1170	1755	2565	3070	1170	1755
			43 (18)	520	180	285	2565	4450	1530	2450	3235	4100	1410	2260
			54 (16)	990	340	545	3095	6620	2280	3645	4220	6210	2140	3420
			68 (14)	1380	475	760	3210	8040	2770	4430	4620	7595	2615	4185
			97 (12)	2365	815	1305	3465	8950	2985	4475	5015	11230	3865	6095
FUS6-118	6	4	33 (20)	360	125	200	2560	2675	1170	1755	3055	3325	1170	1755
			43 (18)	560	195	310	2810	4345	1495	2395	3550	5200	1745	2615
			54 (16)	1005	345	550	3050	6915	2380	3675	4655	6895	2375	3675
			68 (14)	1310	450	720	4120	8440	2905	4475	5010	8570	2950	4720
			97 (12)	2810	935	1405	4030	8950	2985	4475	6220	12190	4065	6095
FUS8-118	8	4	33 (20)	325	110	180	2650	2710	1170	1755	2880	3030	1170	1755
			43 (18)	485	170	270	2895	5230	1745	2615	3915	5045	1745	2615
			54 (16)	1030	355	565	3475	7210	2450	3675	4865	7350	2450	3675
			68 (14)	1270	440	700	3560	8480	2920	4475	5605	8580	2955	4725
			97 (12)	2675	920	1405	4535	8950	2985	4475	6885	12010	4065	6095

Notes:

- 1 Listed capacities are in accordance with provisions of AISI S100-16 (R2020)/S2-20 and ICC-ES AC261.
- 2 FUS attachment to structure designed by others. Listed capacities are applicable for FUS to stud only (framing connection).
- 3 Tabulated loads are based on maximum stud standoff distance of 1-1/2" from base structure.
- 4 ClarkDietrich Proprietary HD Deflection Screws (0.25" dia) used to attach clips to framing members through the provided slotted holes. Listed capacities applicable for framing screws centered and off-centered in FUS slots.
- 5 The safety factor for ASD loads and resistance factor for LRFD loads are in accordance with Chapter K of AISI-S100.
- 6 The ClarkDietrich Proprietary HD Deflection screws (0.25" dia) provide nominal shear capacity of 2400lbs and a nominal tension capacity of 4060lbs.
- 7 ASD and LRFD loads are based on nominal capacities only. 1/8" service loads are listed in a separate column. Designer shall use governing loads based on 1/8" service and strength.
- 8 Nominal capacities are listed for use in blast/seismic designs and they do not assume a safety factor or resistance factor.
- 9 It is the responsibility of the design professional to detail the project drawings for proper FUS installation.
- 10 Other framing members may be used with these clips; however, it is the responsibility of the design professional to verify the framing members' capacities and potential failure modes.

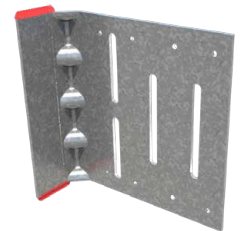
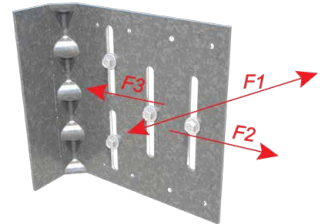


ATTACHMENT TO STRUCTURE: WELD TO 3/16" STEEL

Clip Designation	Framing Member Details		Mechanically Anchored to Structure	Load Capacities (lbs) / Clip										
	Thickness mils (ga)	No. of Screws to Framing		In-Plane (F1)			Tension (F2)				Compression (F3)			
				Nominal Load	ASD Load	LRFD Load	1/8" Service Load	Nominal Load	ASD Load	LRFD Load	1/8" Service Load	Nominal Load	ASD Load	LRFD Load
FUS6-97	33 (20)	4	(2) 1.5" Welds - along short leg (see illustration)	360	125	200	2340	1810	905	1360	2750	3330	1170	1755
	43 (18)			560	195	310	2415	1810	905	1360	3130	4175	1745	2615
	54 (16)			695	275	440	3115	1810	905	1360	4270	6110	2105	3365
	68 (14)			695	350	520	3450	1810	905	1360	4685	7985	2750	4400
	97 (12)			695	350	520	3575	1810	905	1360	4625	11010	3790	6065
FUS8-97	33 (20)	4		325	110	180	2315	1810	905	1360	2565	3070	1170	1755
	43 (18)			520	180	285	2565	1810	905	1360	3235	4100	1410	2260
	54 (16)			530	265	400	3095	1810	905	1360	4220	6210	2140	3420
	68 (14)			530	265	400	3210	1810	905	1360	4620	7595	2615	4185
	97 (12)			530	265	400	3465	1810	905	1360	5015	11230	3865	6095
FUS6-118	33 (20)	4		360	125	200	2560	2210	1105	1660	3055	3325	1170	1755
	43 (18)			560	195	310	2810	2210	1105	1660	3550	5200	1745	2615
	54 (16)			850	345	550	3050	2210	1105	1660	4655	6895	2375	3675
	68 (14)			850	425	640	4120	2210	1105	1660	5010	8570	2950	4720
	97 (12)			850	425	640	4030	2210	1105	1660	6220	12190	4065	6095
FUS8-118	33 (20)	4	325	110	180	2650	2210	1105	1660	2880	3030	1170	1755	
	43 (18)		485	170	270	2895	2210	1105	1660	3915	5045	1745	2615	
	54 (16)		650	325	490	3475	2210	1105	1660	4865	7350	2450	3675	
	68 (14)		650	325	490	3560	2210	1105	1660	5605	8580	2955	4725	
	97 (12)		650	325	490	4535	2210	1105	1660	6885	12010	4065	6095	

Notes:

- 1 Listed Capacities are in accordance with provisions of AISI S100-16 (R2020)/S2-20 and ICC-ES AC261.
- 2 Tabulated load capacities are based on the following considerations:
 - a Framing Connection: Minimum 4 x ClarkDietrich Proprietary HD Deflection Screws (0.25" dia)
 - b Connection to Structure: (2) 1.5" long fillet weld along short leg of FUS to 3/16" thick ASTM A36 Steel (see illustration).
 - c Listed capacities have not been increased for wind, seismic, or other factors.
 - d E70XX (min) electrode Weld.
 - e Tabulated loads are based on maximum stud standoff distance of 1-1/2" from base structure.
- 3 ASD and LRFD loads are based on nominal capacities only. Nominal capacities are listed for use in blast/seismic designs and they do not assume a safety factor or resistance factor.
- 4 ClarkDietrich Proprietary HD Deflection Screws (0.25" dia) used to attach clips to framing members through the provided slotted holes. Listed capacities applicable for screws centered and off-centered/offset FUS slots for framing connection.
- 5 The safety factor for ASD loads and resistance factor for LRFD loads are in accordance with Chapter K of AISI-S100.
- 6 The ClarkDietrich Proprietary HD Deflection screws (0.25" dia) provide nominal shear capacity of 2400lbs and a nominal tension capacity of 4060lbs.
- 7 Nominal capacities are listed for use in blast/seismic designs and they do not assume a safety factor or resistance factor.
- 8 It is the responsibility of the design professional to detail the project drawings for proper FUS installation.



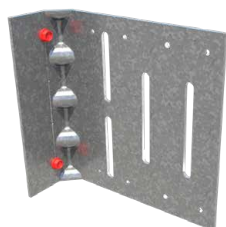
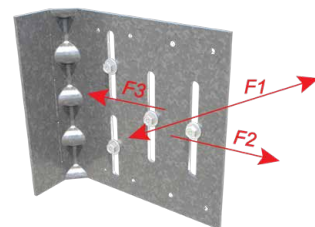
Fixed Universal Slip Clip

ATTACHMENT TO STRUCTURE: #12 SCREWS TO 3/16" STEEL

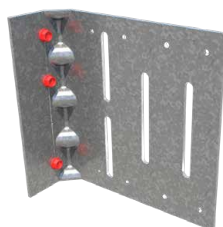
Clip Designation	Framing Member Details		Mechanically Anchored to Structure	Load Capacities (lbs) / Clip										
	Thickness mils (ga)	No. of Screws to Framing		In-Plane (F1)			Tension (F2)				Compression (F3)			
				Nominal Load	ASD Load	LRFD Load	1/8" Service Load	Nominal Load	ASD Load	LRFD Load	1/8" Service Load	Nominal Load	ASD Load	LRFD Load
FUS6-97	33 (20)	4	2	360	125	200	2340	2630	880	1315	2750	3330	1170	1755
			3	360	125	200	2340	3005	1035	1655	2750	3330	1170	1755
			4	360	125	200	2340	3005	1035	1655	2750	3330	1170	1755
	43 (18)	4	2	560	195	310	2415	2630	880	1315	3130	4175	1745	2615
			3	560	195	310	2415	3950	1315	1975	3130	4175	1745	2615
			4	560	195	310	2415	4280	1475	2360	3130	4175	1745	2615
	54 (16)	4	2	795	275	440	3115	2630	880	1315	4270	5555	1850	2965
			3	795	275	440	3115	3950	1315	1975	4270	6110	2105	3365
			4	795	275	440	3115	5265	1755	2630	4270	6110	2105	3365
	68 (14)	4	2	1265	420	630	3450	2630	880	1315	4685	5555	1850	2965
			3	1320	455	730	3450	3950	1315	1975	4685	7985	2750	4400
			4	1320	455	730	3450	5265	1755	2630	4685	7985	2750	4400
97 (12)	4	2	1265	420	630	3575	2630	880	1315	4625	5555	1850	2965	
			1465	590	880	3575	3950	1315	1975	4625	8335	2780	4445	
		4	2115	705	1055	3575	5265	1755	2630	4625	11010	3705	5925	
FUS8-97	33 (20)	4	2	325	110	180	2315	2785	930	1395	2565	3070	1170	1755
			3	325	110	180	2315	3065	1170	1755	2565	3070	1170	1755
			4	325	110	180	2315	3065	1170	1755	2565	3070	1170	1755
	43 (18)	4	2	520	180	285	2565	2785	930	1395	3235	4100	1410	2260
			3	520	180	285	2565	4175	1390	2090	3235	4100	1410	2260
			4	520	180	285	2565	4450	1530	2450	3235	4100	1410	2260
	54 (16)	4	2	990	340	545	3095	2785	930	1395	4220	5555	1850	2965
			3	990	340	545	3095	4175	1390	2090	4220	6210	2140	3420
			4	990	340	545	3095	5570	1855	2785	4220	6210	2140	3420
	68 (14)	4	2	1265	420	630	3210	2785	930	1395	4620	5555	1850	2965
			3	1380	475	760	3210	4175	1390	2090	4620	7595	2615	4185
			4	1380	475	760	3210	5570	1855	2785	4620	7595	2615	4185
97 (12)	4	2	1265	420	630	3465	2785	930	1395	5015	5555	1850	2965	
		3	1465	590	880	3465	4175	1390	2090	5015	8335	2780	4445	
		4	2115	705	1055	3465	5570	1855	2785	5015	11110	3705	5925	
FUS6-118	33 (20)	4	2	360	125	200	2560	2675	1000	1500	3055	3325	1170	1755
			3	360	125	200	2560	2675	1170	1755	3055	3325	1170	1755
			4	360	125	200	2560	2675	1170	1755	3055	3325	1170	1755
	43 (18)	4	2	560	195	310	2810	2995	1000	1500	3550	5200	1745	2615
			3	560	195	310	2810	4345	1495	2245	3550	5200	1745	2615
			4	560	195	310	2810	4345	1495	2395	3550	5200	1745	2615
	54 (16)	4	2	1005	345	550	3050	2995	1000	1500	4655	5555	1850	2965
			3	1005	345	550	3050	4495	1500	2245	4655	6895	2375	3675
			4	1005	345	550	3050	5990	1995	2995	4655	6895	2375	3675
	68 (14)	4	2	1265	420	630	4120	2995	1000	1500	5010	5555	1850	2965
			3	1310	450	720	4120	4495	1500	2245	5010	8335	2780	4445
			4	1310	450	720	4120	5990	1995	2995	5010	8570	2950	4720
97 (12)	4	2	1265	420	630	4030	2995	1000	1500	6220	5555	1850	2965	
		3	1465	590	880	4030	4495	1500	2245	6220	8335	2780	4445	
		4	2115	705	1055	4030	5990	1995	2995	6220	11110	3705	5925	
FUS8-118	33 (20)	4	2	325	110	180	2650	2710	1065	1600	2880	3030	1170	1755
			3	325	110	180	2650	2710	1170	1755	2880	3030	1170	1755
			4	325	110	180	2650	2710	1170	1755	2880	3030	1170	1755
	43 (18)	4	2	485	170	270	2895	3195	1065	1600	3915	5045	1745	2615
			3	485	170	270	2895	4795	1600	2395	3915	5045	1745	2615
			4	485	170	270	2895	5230	1745	2615	3915	5045	1745	2615
	54 (16)	4	2	1030	355	565	3475	3195	1065	1600	4865	5555	1850	2965
			3	1030	355	565	3475	4795	1600	2395	4865	7350	2450	3675
			4	1030	355	565	3475	6390	2130	3195	4865	7350	2450	3675
	68 (14)	4	2	1265	420	630	3560	3195	1065	1600	5605	5555	1850	2965
			3	1270	440	700	3560	4795	1600	2395	5605	8335	2780	4445
			4	1270	440	700	3560	6390	2130	3195	5605	8580	2955	4725
97 (12)	4	2	1265	420	630	4535	3195	1065	1600	6885	5555	1850	2965	
		3	1465	590	880	4535	4795	1600	2395	6885	8335	2780	4445	
		4	2115	705	1055	4535	6390	2130	3195	6885	11110	3705	5925	

Notes:

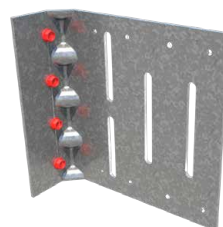
- 1 Listed capacities are in accordance with provisions of AISI S100-16 (R2020)/S2-20 and ICC-ES AC261.
- 2 Tabulated load capacities are based on the following considerations:
 - a Framing connection: Minimum 4 x ClarkDietrich Proprietary HD Deflection Screws (0.25" dia).
 - b Connection to structure: #12 HWH Fasteners connected to 3/16" thick ASTM A36 Steel (see illustrations for base fastener locations).
 - c Other fasteners may be used to achieve full clip capacity but must be designed separately.
 - d Listed capacities have not been increased for wind, seismic, or other factors.
 - e Tabulated loads are based on maximum stud standoff distance of 1-1/2" from base structure.
- 3 ASD and LRFD loads are based on nominal capacities only. 1/8" service loads are listed in a separate column. Designer shall use governing loads based on 1/8" service and strength.
- 4 ClarkDietrich Proprietary HD Deflection Screws (0.25" dia) used to attach clips to framing members through the provided slotted holes. Listed capacities applicable for screws centered and off-centered/offset FUS slots for framing connection.
- 5 The safety factor for ASD loads and resistance factor for LRFD loads are in accordance with Chapter K of AISI-S100.
- 6 The #12 HWH Fasteners shall have a minimum nominal shear capacity of 2000lbs and minimum nominal tension capacity of 2778lbs according to ESR-1976 and Manufacturer Limits.
- 7 The ClarkDietrich Proprietary HD Deflection screws (0.25" dia) provide nominal shear capacity of 2400lbs and a nominal tension capacity of 4060lbs.
- 8 Nominal capacities are listed for use in blast/seismic designs and they do not assume a safety factor or resistance factor.
- 9 It is the responsibility of the design professional to detail the project drawings for proper FUS installation.



FUS
(2) Anchor Condition



FUS
(3) Anchor Condition



FUS
(4) Anchor Condition

NOTE: Each clip is embossed with fastening patterns to ensure accurate placement of fasteners.

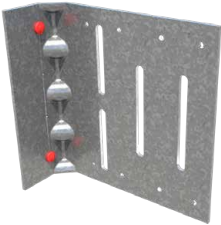
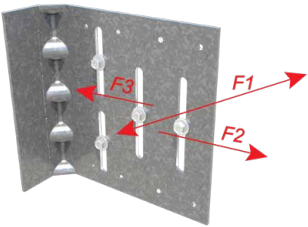
Fixed Universal Slip Clip

ATTACHMENT TO STRUCTURE: 0.157" HILTI X-U PINS TO 3/16" STEEL (FS = 5)

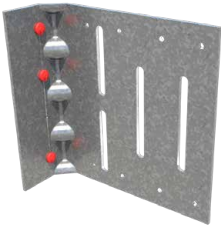
Clip Designation	Framing Member Details		Mechanically Anchored to Structure	Load Capacities (lbs) / Clip										
	Thickness mils (ga)	No. of Screws to Framing		In-Plane (F1)			Tension (F2)			Compression (F3)				
				Nominal Load	ASD Load	LRFD Load	1/8" Service Load	Nominal Load	ASD Load	LRFD Load	1/8" Service Load	Nominal Load	ASD Load	LRFD Load
FUS6-97	33 (20)	4	2	360	125	200	2340	2475	825	1320	2750	3330	1150	1755
			3	360	125	200	2340	3005	1035	1655	2750	3330	1170	1755
			4	360	125	200	2340	3005	1035	1655	2750	3330	1170	1755
	43 (18)	4	2	560	195	310	2415	2475	825	1320	3130	4175	1150	1840
			3	560	195	310	2415	3715	1240	1980	3130	4175	1725	2615
			4	560	195	310	2415	4280	1475	2360	3130	4175	1745	2615
	54 (16)	4	2	795	275	440	3115	2475	825	1320	4270	5745	1150	1840
			3	795	275	440	3115	3715	1240	1980	4270	6110	1725	2755
			4	795	275	440	3115	4950	1650	2640	4270	6110	2105	3365
	68 (14)	4	2	1320	280	445	3450	2475	825	1320	4685	5745	1150	1840
			3	1320	385	615	3450	3715	1240	1980	4685	7985	1725	2755
			4	1320	455	730	3450	4950	1650	2640	4685	7985	2300	3675
97 (12)	4	2	1395	280	445	3575	2475	825	1320	4625	5745	1150	1840	
		3	1920	385	615	3575	3715	1240	1980	4625	8615	1725	2755	
		4	2365	475	755	3575	4950	1650	2640	4625	11010	2300	3675	
FUS8-97	33 (20)	4	2	325	110	180	2315	2475	825	1320	2565	3070	1150	1755
			3	325	110	180	2315	3065	1170	1755	2565	3070	1170	1755
			4	325	110	180	2315	3065	1170	1755	2565	3070	1170	1755
	43 (18)	4	2	520	180	285	2565	2475	825	1320	3235	4100	1150	1840
			3	520	180	285	2565	3715	1240	1980	3235	4100	1410	2260
			4	520	180	285	2565	4450	1530	2450	3235	4100	1410	2260
	54 (16)	4	2	990	280	445	3095	2475	825	1320	4220	5745	1150	1840
			3	990	340	545	3095	3715	1240	1980	4220	6210	1725	2755
			4	990	340	545	3095	4950	1650	2640	4220	6210	2140	3420
	68 (14)	4	2	1380	280	445	3210	2475	825	1320	4620	5745	1150	1840
			3	1380	385	615	3210	3715	1240	1980	4620	7595	1725	2755
			4	1380	475	755	3210	4950	1650	2640	4620	7595	2300	3675
97 (12)	4	2	1395	280	445	3465	2475	825	1320	5015	5745	1150	1840	
		3	1920	385	615	3465	3715	1240	1980	5015	8615	1725	2755	
		4	2365	475	755	3465	4950	1650	2640	5015	11230	2300	3675	
FUS6-118	33 (20)	4	2	360	125	200	2560	2475	825	1320	3055	3325	1150	1755
			3	360	125	200	2560	2675	1170	1755	3055	3325	1170	1755
			4	360	125	200	2560	2675	1170	1755	3055	3325	1170	1755
	43 (18)	4	2	560	195	310	2810	2475	825	1320	3550	5200	1150	1840
			3	560	195	310	2810	3715	1240	1980	3550	5200	1725	2615
			4	560	195	310	2810	4345	1495	2395	3550	5200	1745	2615
	54 (16)	4	2	1005	280	445	3050	2475	825	1320	4655	5745	1150	1840
			3	1005	345	550	3050	3715	1240	1980	4655	6895	1725	2755
			4	1005	345	550	3050	4950	1650	2640	4655	6895	2300	3675
	68 (14)	4	2	1310	280	445	4120	2475	825	1320	5010	5745	1150	1840
			3	1310	385	615	4120	3715	1240	1980	5010	8570	1725	2755
			4	1310	450	720	4120	4950	1650	2640	5010	8570	2300	3675
97 (12)	4	2	1395	280	445	4030	2475	825	1320	6220	5745	1150	1840	
		3	1920	385	615	4030	3715	1240	1980	6220	8615	1725	2755	
		4	2365	475	755	4030	4950	1650	2640	6220	11490	2300	3675	
FUS8-118	33 (20)	4	2	325	110	180	2650	2475	825	1320	2880	3030	1150	1755
			3	325	110	180	2650	2710	1170	1755	2880	3030	1170	1755
			4	325	110	180	2650	2710	1170	1755	2880	3030	1170	1755
	43 (18)	4	2	485	170	270	2895	2475	825	1320	3915	5045	1150	1840
			3	485	170	270	2895	3715	1240	1980	3915	5045	1725	2615
			4	485	170	270	2895	4950	1650	2615	3915	5045	1745	2615
	54 (16)	4	2	1030	280	445	3475	2475	825	1320	4865	5745	1150	1840
			3	1030	355	565	3475	3715	1240	1980	4865	7350	1725	2755
			4	1030	355	565	3475	4950	1650	2640	4865	7350	2300	3675
	68 (14)	4	2	1270	280	445	3560	2475	825	1320	5605	5745	1150	1840
			3	1270	385	615	3560	3715	1240	1980	5605	8580	1725	2755
			4	1270	440	700	3560	4950	1650	2640	5605	8580	2300	3675
97 (12)	4	2	1395	280	445	4535	2475	825	1320	6885	5745	1150	1840	
		3	1920	385	615	4535	3715	1240	1980	6885	8615	1725	2755	
		4	2365	475	755	4535	4950	1650	2640	6885	11490	2300	3675	

Notes:

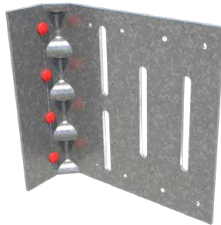
- 1 Listed capacities are in accordance with provisions of AISI S100-16 (R2020)/S2-20, ICC-ES AC261 and ESR 2269.
- 2 Tabulated load capacities are based on the following considerations:
 - a Framing connection: Minimum 4 x ClarkDietrich Proprietary HD Deflection Screws (0.25" dia).
 - b Connection to structure: 0.157" Hilti X-U Pins connected to 3/16" thick ASTM A36 Steel (see illustrations for base fastener locations).
 - c Other fasteners may be used to achieve full clip capacity but must be designed separately.
 - d Listed capacities have not been increased for wind, seismic, or other factors.
 - e Tabulated loads are based on maximum stud standoff distance of 1-1/2" from base structure.
- 3 ASD and LRFD loads are based on nominal capacities only. 1/8" service loads are listed in a separate column. Designer shall use governing loads based on 1/8" service and strength.
- 4 ClarkDietrich Proprietary HD Deflection Screws (0.25" dia) used to attach clips to framing members through the provided slotted holes. Listed capacities applicable for screws centered and off-centered/offset FUS slots for framing connection.
- 5 The safety factor for ASD loads and resistance factor for LRFD loads are in accordance with Chapter K of AISI-S100 and ESR2269.
- 6 The ClarkDietrich Proprietary HD Deflection screws (0.25" dia) provide nominal shear capacity of 2400lbs and a nominal tension capacity of 4060lbs.
- 7 Nominal capacities are listed for use in blast/seismic designs and they do not assume a safety factor or resistance factor.
- 8 The Hilti X-U Pin shall have a minimum nominal shear capacity of 3939lbs and minimum nominal tension capacity of 2872lbs according to Hilti Fastening Technical Guide, Edition 2024.
- 9 Hilti is a registered trademark of Hilti Aktiengesellschaft Corporation.
- 10 It is the responsibility of the design professional to detail the project drawings for proper FUS installation.



FUS
(2) PAF Condition



FUS
(3) PAF Condition



FUS
(4) PAF Condition

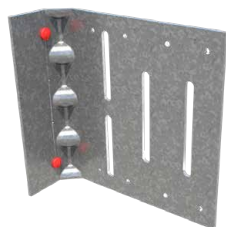
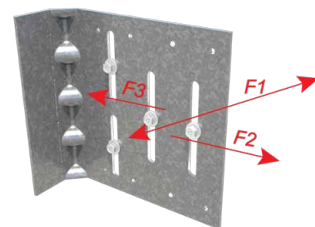
Fixed Universal Slip Clip

ATTACHMENT TO STRUCTURE: 0.157" HILTI X-U PINS TO 3/16" STEEL (FS = 10)

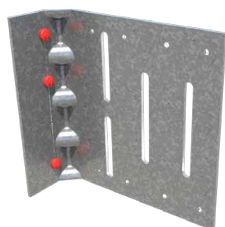
Clip Designation	Framing Member Details		Mechanically Anchored to Structure	Load Capacities (lbs) / Clip										
	Thickness mils (ga)	No. of Screws to Framing		In-Plane (F1)			Tension (F2)				Compression (F3)			
				Nominal Load	ASD Load	LRFD Load	1/8" Service Load	Nominal Load	ASD Load	LRFD Load	1/8" Service Load	Nominal Load	ASD Load	LRFD Load
FUS6-97	33 (20)	4	2	360	125	200	2340	2475	575	920	2750	3330	575	920
			3	360	125	200	2340	3005	860	1380	2750	3330	860	1380
			4	360	125	200	2340	3005	1035	1655	2750	3330	1150	1755
	43 (18)	4	2	560	140	225	2415	2475	575	920	3130	4175	575	920
			3	560	190	305	2415	3715	860	1380	3130	4175	860	1380
			4	560	195	310	2415	4280	1150	1840	3130	4175	1150	1840
	54 (16)	4	2	795	140	225	3115	2475	575	920	4270	5745	575	920
			3	795	190	305	3115	3715	860	1380	4270	6110	860	1380
			4	795	235	380	3115	4950	1150	1840	4270	6110	1150	1840
	68 (14)	4	2	1320	140	225	3450	2475	575	920	4685	5745	575	920
			3	1320	190	305	3450	3715	860	1380	4685	7985	860	1380
			4	1320	235	380	3450	4950	1150	1840	4685	7985	1150	1840
97 (12)	4	2	1395	140	225	3575	2475	575	920	4625	5745	575	920	
		3	1920	190	305	3575	3715	860	1380	4625	8615	860	1380	
		4	2365	235	380	3575	4950	1150	1840	4625	11010	1150	1840	
FUS8-97	33 (20)	4	2	325	110	180	2315	2475	575	920	2565	3070	575	920
			3	325	110	180	2315	3065	860	1380	2565	3070	860	1380
			4	325	110	180	2315	3065	1150	1755	2565	3070	1150	1755
	43 (18)	4	2	520	140	225	2565	2475	575	920	3235	4100	575	920
			3	520	180	285	2565	3715	860	1380	3235	4100	860	1380
			4	520	180	285	2565	4450	1150	1840	3235	4100	1150	1840
	54 (16)	4	2	990	140	225	3095	2475	575	920	4220	5745	575	920
			3	990	190	305	3095	3715	860	1380	4220	6210	860	1380
			4	990	235	380	3095	4950	1150	1840	4220	6210	1150	1840
	68 (14)	4	2	1380	140	225	3210	2475	575	920	4620	5745	575	920
			3	1380	190	305	3210	3715	860	1380	4620	7595	860	1380
			4	1380	235	380	3210	4950	1150	1840	4620	7595	1150	1840
97 (12)	4	2	1395	140	225	3465	2475	575	920	5015	5745	575	920	
		3	1920	190	305	3465	3715	860	1380	5015	8615	860	1380	
		4	2365	235	380	3465	4950	1150	1840	5015	11230	1150	1840	
FUS6-118	33 (20)	4	2	360	125	200	2560	2475	575	920	3055	3325	575	920
			3	360	125	200	2560	2675	860	1380	3055	3325	860	1380
			4	360	125	200	2560	2675	1150	1755	3055	3325	1150	1755
	43 (18)	4	2	560	140	225	2810	2475	575	920	3550	5200	575	920
			3	560	190	305	2810	3715	860	1380	3550	5200	860	1380
			4	560	195	310	2810	4345	1150	1840	3550	5200	1150	1840
	54 (16)	4	2	1005	140	225	3050	2475	575	920	4655	5745	575	920
			3	1005	190	305	3050	3715	860	1380	4655	6895	860	1380
			4	1005	235	380	3050	4950	1150	1840	4655	6895	1150	1840
	68 (14)	4	2	1310	140	225	4120	2475	575	920	5010	5745	575	920
			3	1310	190	305	4120	3715	860	1380	5010	8570	860	1380
			4	1310	235	380	4120	4950	1150	1840	5010	8570	1150	1840
97 (12)	4	2	1395	140	225	4030	2475	575	920	6220	5745	575	920	
		3	1920	190	305	4030	3715	860	1380	6220	8615	860	1380	
		4	2365	235	380	4030	4950	1150	1840	6220	11490	1150	1840	
FUS8-118	33 (20)	4	2	325	110	180	2650	2475	575	920	2880	3030	575	920
			3	325	110	180	2650	2710	860	1380	2880	3030	860	1380
			4	325	110	180	2650	2710	1150	1755	2880	3030	1150	1755
	43 (18)	4	2	485	140	225	2895	2475	575	920	3915	5045	575	920
			3	485	170	270	2895	3715	860	1380	3915	5045	860	1380
			4	485	170	270	2895	4950	1150	1840	3915	5045	1150	1840
	54 (16)	4	2	1030	140	225	3475	2475	575	920	4865	5745	575	920
			3	1030	190	305	3475	3715	860	1380	4865	7350	860	1380
			4	1030	235	380	3475	4950	1150	1840	4865	7350	1150	1840
	68 (14)	4	2	1270	140	225	3560	2475	575	920	5605	5745	575	920
			3	1270	190	305	3560	3715	860	1380	5605	8580	860	1380
			4	1270	235	380	3560	4950	1150	1840	5605	8580	1150	1840
97 (12)	4	2	1395	140	225	4535	2475	575	920	6885	5745	575	920	
		3	1150	115	235	4535	3715	860	1380	6885	8615	860	1380	
		4	1920	190	305	4535	4950	1150	1840	6885	11490	1150	1840	

Notes:

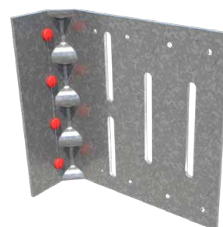
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FUS
(2) PAF Condition



FUS
(3) PAF Condition



FUS
(4) PAF Condition