oad Values with Carbon Steel Nails

These products are available with <u>additional corrosion protection</u>. Additional products on this page may also be available with this option, <u>check with Simpson Strong-Tie</u> for details.

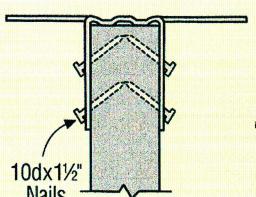
These models are approved for installation with the <u>Strong-Drive® SD Connector screw</u>. See the <u>load values below</u>.

	h dan		Fasteners		DF/SP	Allowable	Loads	Uplift with	SPF/HF	Allowabi	e Loads	Uplift with
Model	Ga	To Rafters/			Uplift	Latera	I (160)	8dx11/2 Nails	Uplift	Latera	l (160)	8dx11/4 Nails
No.		Truss	To Plates	To Studs	(160)	Fı	F ₂	(160)	(160)	Fı	F ₂	(160)
H1	18	6-8dx1½	4-8d	-	585	485	165	455	400	415	140	370
H2A	18	5-8dx1½	2-8dx11/2	5-8dx11/2	575	130	55		495	130	55	
H2ASS	18	5-SS8D	2-SS8D	5-SS8D	400	130	55	400	345	130	55	345
H2.5A	18	5-80	5-8d	-	600	110	110	575	535	110	110	495
H2.5ASS	18	5-\$\$8d	5-SS8d		440	75	70	365	380	75	70	310
H2.5T	18	5-8d	5-8d	Anthony Control of the Control of th	545	135	145	425	545	135	145	425
НЗ	18	4-8d	4-8d	dentine.	455	125	160	415	320	105	140	290
H4	20	4-8d	4-8d	-	360	165	160	360	235	140	135	235
H5	18	4-8d	4-8d	-	455	115	200	455	265	100	170	265
H6	16		8-8d	8-8d	950	AND ROOM OF THE PARTY OF THE PA	- Control of the Cont		820	Anti-tario i i na in interior del primo	ettenente bilgiorni) arçale andra :	telleh virtiget i Colonia i maket palone unterstation
H7Z	16	4-8d	2-8dx11/5	8-86	965	400		_	845	345	Marie San Marie	
H8	18	5-10dx11/2	5-10dx11/2		745	75		630	565	75		510
H10A Sloped	18	9-10dx11/2	9-10dx11/2	—	855	590	285		760	505	285	
H10A	18	9-10dx11/2	9-10dx11/2	CONTRACTOR OF THE PARTY OF THE	11407	590	285		1015	505	285	Principal and Pr
H10ASS	18	9-SSN10	9-SSN10		970	565	170		835	485	170	
H10AR	18	9-10dx11/2	9-10dx11/2		1050	490	285	Marie de l'altre de la constante de la constan	905	420	285	Marijana (Branis Charles Marijana) ing pinggapan ang pinggapan ang pinggapan ang pinggapan ang pinggapan ang p Pinggapan ang pinggapan ang
H10S9.10	18	8-8dx1½	8-8dx11/210	8-8d	1010	660	215	550	870	570	185	475
H10A-2	18	9-10dx11/2	9-10dx11/2	Hall week part	1245	815	260	annual and an annual an annu	1070	700	225	
H10-2	18	6-10d	6-10d		760	455	395	-	655	390	340	
H11Z	18	6-16dx2½	6-16dx21/2	Moung	830	525	760	- Security	715	450	655	APPEARS AND APPEAR
H14	18	1 12-8dx11/2	13-8d	3000 - 11	1350 ⁷	515	265		1050	480	245	
	10	2 12-8dx11/2	15-8d		13507	515	265	—	1050	480	245	and the second
TSP	16	9-10dx11/2	6-10dx11/2		740	310	190		635	265	160	1
135	10	9-10dx11/2	6-10d	Maliteria Maliteria	890	310	190	um matematika katalogi di mengalangan katalogi di seperangan katalogi di seperangan katalogi di seperangan kata Matalogi katalogi di sebagai k	765	265	160	envilje i hang na en ingenom pa sing papa pa da ingenom belanda. Mananga

- 1. Loads have been increased for wind or earthquake loading with no further increase allowed; reduce where other loads govern.
- Allowable loads are for one anchor. A minimum rafter thickness of 2 1/2" must be used when framing anchors are installed on
 each side of the joist and on the same side of the plate (exception: connectors installed such that nails on opposite sides don't
 interfere)
- Allowable DF/SP uplift load for stud to bottom plate installation (see detail 15) is 400 lbs. (H2.5); 390 lbs. (H2.5A); 360 lbs. (H4) and 310 lbs. (H8). For SPF/HF values multiply these values by 0.86.
- Allowable loads in the F₁ direction are not intended to replace diaphragm boundary members or prevent cross grain bending
 of the truss or rafter members.
- When cross-grain bending or cross-grain tension cannot be avoided in the members, mechanical reinforcement to resist such forces may be considered.
- 6. Hurricane Ties are shown installed on the outside of the wall for clarity and assume a minimum overhang of 3 1/2" installation on the inside of the wall is acceptable (see <u>General Instructions for the Installer notes u</u>). For uplift Continuous Load Path, connections in the same area (i.e. truss to plate connector and plate to stud connector) must be on same side of the wall. See <u>T-HTIEBEARING</u> for more information.
- 7. Southern Pine allowable uplift loads for H10A = 1340 lbs. and for H14 = 1465 lbs.
- 8. Refer to technical bulletin T-HTIEBEARING for selected hurricane ties allowable bearing enhancement loads.
- H10S can have the stud offset a maximum of 1" from rafter (center to center) for a reduced uplift of 890 lbs. (DF/SP), and 765 lbs. (SPF).
- 10. H10S nails to plates are optional for uplift but required for lateral loads.
- 11. Some load values for the stainless-steel connectors shown here are lower than those for the carbon-steel versions. Ongoing test programs have shown this to also be the case with other stainless-steel connectors in the product line that are installed with nails. Visit www.strongtie.com/corrosion for updated information.
- NAILS: 16dx2 1/2 = 0.162" dia. x 2 1/2" long, 10d = 0.148" dia. x 3" long, 10dx1 1/2 = 0.148" dia. x 1 1/2" long, 8d = 0.131" dia. x 2 1/2" long, 8dx1 1/2 = 0.131" dia. x 1 1/2" long. See other nail sizes and information.
- SCREWS: Strong-Drive® SD #9x1 1/2" (model SD9112) = 0.131" dia. x 1 1/2" long (for the models marked with the orange flag only). See <u>load values below</u>.

LSU and LSSU Installation Sequence (For Skewed or Sloped/Skewed Applications)

roll over images below to see larger image





Nail hanger to slope-cut carried member, installing seat nail first. No bevel necessary for skewed installation. Install joist nails at 45° angle.



0-45°. Bend other flange back along Bend one time

only.



Skew flange from Attach hanger to the carrying member, acute angle side centerline of slots. first (see footnote 4). Install nails at an angle.

oad Table: See code report listings below

These products are available with additional corrosion protection. Additional products on this page may also be available with this option, check with Simpson Strong-Tie for details.

			Di	mensio	ns	Fas	steners	DI	F/SP Allov	wable Loa	ds	SP	F/HF Allo	wable Loa	ds
Joist Width	Model No.	Ga	W	H	A	Face	Joist	Uplift² (160)	Floor (100)	Snow (115)	Root (125)	Uplift² (160)	Floor (100)	Snow (115)	Roof (125)
PARTITION OF SERVICE AND SERVICES			TANKET PROPERTY AND	la ar angenera angenera	Loanesson en en en en	***************************************	and the constitution of the first of the state of the sta	Sloped 0	nly Hang	ers		L.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	******************		
11/2	LSU26	18	1%6	41/8	11/2	6-10d	5-10dx11/4	535	695	810	865	415	600	695	745
11/2	LSSU28	18	1%6	71/8	11/2	10-10d	5-10dx11/2	535	1110	1275	1390	415	960	1105	1200
11/2	LSSU210	18	1%	81/2	1%	10-10d	7-10dx11/4	875	1110	1275	1390	625	960	1105	1200
21/2	LSSUH310	16	2%6	81/2	31/8	18-16d	12-10dx11/2	1150	2295	2295	2295	990	1930	1930	1930
3	LSSU210-2	16	31/8	81/2	21/8	18-16d	12-10dx11/2	1150	2430	2795	3035	990	2160	2485	2700
31/2	LSSU410	16	3%	81/2	25/8	18-16d	12-10dx11/2	1150	2430	2795	3035	990	2160	2485	2700
							Skewed	Hangers (or Sloped	and Skew	ed				
11/2	LSU26	18	1%6	41/8	11/2	6-10d	5-10dx11/2	535	695	810	865	415	600	695	745
11/2	LSSU28	18	1%6	71/8	11/2	9-10d	5-10dx11/2	450	885	885	885	415	765	765	765
11/2	LSSU210	18	1%6	81/2	1%	9-10d	7-10dx11/2	785	995	1145	1205	625	860	995	1050
21/2	LSSUH310	16	2%6	81/2	31/8	14-16d	12-10dx11/2	1150	1600	1600	1600	990	1385	1385	1385
3	LSSU210-2	16	31/8	81/2	21/8	14-16d	12-10dx1 1/2	1150	1625	1625	1625	990	1365	1365	1365
31/2	LSSU410	16	3%6	81/2	21/8	14-16d	12-10dx11/2	1150	1625	1625	1625	990	1365	1365	1365

- 1. Roof loads are 125% of floor loads unless limited by other criteria.
- 2. Uplift loads include an increase for wind or earthquake loading with no further increase allowed; reduce when other loads govern.
- 3. Truss chord cross-grain tension may limit allowable loads in accordance with ANSI/TPI 1-2007. Simpson Strong-Tie® Connector Selector® software includes the evaluation of cross-grain tension in its hanger allowable loads. For additional information, contact Simpson Strong-Tie.
- 4. For skewed LSSU hangers, the inner most face fasteners on the acute angle side are not installed.
- 5. Do not substitute 10dx1 1/2" nails for face nails on slope and skew combinations or skewed only LSU and LSSU.
- 6. NAILS: 16d = 0.162" dia. x 3 1/2" long, 10d = 0.148" dia. x 3" long, 10dx1 1/2 = 0.148" dia. x 1 1/2" long. See other nail sizes and information.

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LEGACY REPORTS

IAPMO UES ER

ICC-ES ESR

CITY OF LOS ANGELES

STATE OF FLORIDA

ICC-ES NER ICC-ES ER

ICC-ES ES

LSSU

See specific model numbers for code listings.

Model	Dimer	sions	Tota Faste	l No. eners	Allowable Loads (DF/SP) (160) ¹			
No.	W		Beam	Post	Uplift	Lateral		
AC4 (Min)	3%16	61/2	8-16d	8-16d	1430	715		
AC4 (Max)	3%16	61/2	14-16d	14-16d	2500	1070		
AC4RZ (Min)	4	7	8-16d	8-16d	1430	715		
AC4RZ (Max)	4	7.	14-16d	14-16d	2500	1070		
ACE4 (Min)		41/2	6-16d	6-16d	1070	715		
ACE4 (Max)		41/2	10-16d	10-16d	1785	1070		
LCE4		53/8	14-16d	10-16d	1905 ⁷	1425		
AC6 (Min)	51/2	81/2	8-16d	8-16d	1430	715		
AC6 (Max)	5½	81/2	14-16d	14-16d	2500	1070		
-AGGRZ (Min)	6	9	8-16d	8-160	1480	7115		
AC6RZ (Max)	6	9	14-16d	14-16d	2500	1070		
ACE6 (Min)		61/2	6-16d	6-16d	1070	715		
ACE6 (Max)		61/2	10-16d	10-16d	1785	1070		
LPC4Z	3%6	31/2	8-10d	8-10d	760	325		
LPC6Z	5%6	51/2	8-10d	8-10d	915	490		

- Allowable loads have been increased for wind or earthquake with no further increase allowed; reduce where other load durations govern.
- 2. Loads apply only when used in pairs.
- 3. LPCZ lateral load is in the direction parallel to the beam.
- MIN nailing quantity and load values fill all round holes;
 MAX nailing quantities and load values fill round and triangle holes.
- 5. Uplift loads do not apply to splice conditions.
- Spliced conditions must be detailed by the Designer to transfer tension loads between spliced members by means other than the post cap.
- 7. LCE4 uplift load for mitered corner conditions is 985 lbs. (DF/SP) or 845 lbs. (SPF). Lateral loads do not apply.
- Structural composite lumber columns have sides that show either the wide face or the edges of the lumber strands/veneers.
 Values in the tables reflect installation into the wide face. See technical bulletin <u>T-C-SCLCLM</u> for values on the narrow face (edge).
- 9. NAILS: 16d = 0.162" dia. x 3 1/2" long, 10d = 0.148" dia. x 3" long. See other nail sizes and information.
 - These products are available with <u>additional corrosion protection</u>. Additional products on this page may also be available with this option, <u>check with Simpson Strong-Tie</u> for details.

	Dimensi	ons (in.)	Total No. o	f Fasteners	DF/SP Uplift Loads	SPF Uplift Loads		
Model No.					Total Uplift			
	W	.	Beam	Post	(160)	(160)		
LCE4Z (Mitered Corner)	5¾	5%	(14) 16d	(10) 16d	985	845		

- The allowable download for the mitered LCE4 connection is limited to bearing of the mitered section on the post and shall be determined by the Designer.
- 2. Connectors must be installed in pairs to achieve listed loads.

Model	Dimens	ions (in.)	Total No. o	f Fasteners	DF/	SP Uplift Load	ls	SPF Uplift Loads				
No.	W	L	Beam	Post	Side Beam	Main Beam	Total	Side Beam	Main Beam	Total		
RTC44¹ (Mitered Corner)	3%e	4¾	(16) 16d	(10) 16d	900	900	1800	775	775	1550		
RTC44 ² (Square Cut)	3%	4¾	(16) 16d	(10) 16d	925	1230	1760	795	1060	1515		

- The allowable download for the mitered RTC44 connection is limited to bearing of the mitered beams on the post and shall be determined by the Designer.
- The allowable download for the main beam in the square cut RTC44 connection is limited to bearing of the beam on the post and shall be determined by the Designer. The side beam allowable download is 1170 lbs.
- 3. The combined uplift loads applied to all beams in the connector must not exceed the total allowable uplift load listed in the

Lateral Load Connection

For more information on lateral load connections, see technical bulletin <u>T-C-DECKLAT</u>. DTT2Z Installed as a Lateral Connector for a Deck Guardrail Post

For more information on lateral load connections, see technical bulletin

T-GRDRLPST.

oad Table: See code report listings below

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These products are available with <u>additional corrosion protection</u>. Additional products on this page may also be available with this option, <u>check with Simpson Strong-Tie</u> for details.

Model No.	ę	Anchor Dia.	Fasteners	Minimum Wood Member	Allowable Tension Loads			
		via.		Thickness	DF/SP	SPF/HF		
			6-SD =9x1%		840	840		
OTTIZ	74	Ol.	6-10dx13	12	910	6404		
		SDWH	8-10dx1%		910	650		
				116	::::: 1029 ::::::::	18000)***		
DTT2Z/DTT2SS	13/1/8	3 6	8-14"x114" SDS	3	2145	1835		
DTT2Z-SDS2.5	13/16	1/2	8-1/4"x21/4" SDS	3	2145	2105		

- 1. The allowable loads have been increased 60% for wind or earthquake loading with no further increase allowed.
- DTT1Z installations with allowable loads below 750 lbs. do not satisfy the 2015 IRC requirements for deck-to-house lateral load connections.
- The Strong-Drive® SDWH Timber-Hex HDG screw with a minimum of 3" of thread penetration into dry lumber has an allowable withdrawal load (160) of 1380 lbs. into SP, 1225 lbs. into DF and 1020 lbs. into SPF/HF.
- 4. Load values are valid if the product is flush with the end of the framing member or installed away from the end.
- The guardrail post illustration above addresses an outward force on the guardrail. An additional DTT2Z can be added at the lower bolt to address an inward force.
- 6. A 3/8" HDG round washer is required when using a lag screw.

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				LEGACY REPORTS
	IAPMO UES ICC-ES ESR	CITY OF LOS ANGELES	STATE OF FLORIDA	ICC-ES NER ICC-ES ER ICC-ES ES
DTT1Z		No code listing. Please	<u>contact us</u> for test data.	
DTT2SS		No code listing. Please	contact us for test data.	
DTT2Z	ESR-2330 / ESR-2523 *	RR25720	FL10441	
DTT2Z-SDS2.5	ESR-2330 / ESR-2523 *	RR25720	FL10441	

^{*} ESR-2523 is an Index of many of Simpson Strong-Tie Stamped and Welded Cold-formed Steel Products for Wood or Cold-formed Steel Construction

Drawings: To download drawings, right-click or Ctrl-click on the link, then choose "Save Target As..."

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Download the Simpson Strong-Tie® AutoCAD® Menu, which allows you to insert Ortho views directly into your AutoCAD drawing.

ORTHOGRAPHIC

PERSPECTIVE

DTT1Z

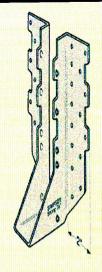
DTT2

DTT1Z bottom view: <u>DWG | DXF</u>
DTT1Z front view: <u>DWG | DXF</u>
DTT1Z left view: <u>DWG | DXF</u>
DTT1Z right view: <u>DWG | DXF</u>
DTT1Z top view: <u>DWG | DXF</u>

DTT1Z: DWG | DXF

None for this model

None for this model







HGUS46



Typical LUS28 Installation use 0.148x3" (10d common) or 0.148x3 1/4" (16d sinker) nail



Nailing Top View



Double-Shear Nailing Side View Do not bend tab



Dome Double-Shear Nailing Side View (available on some models)

Load Table: See code report listings below

oad Values with Nails

See Hanger tables

oad Values with Stainless Steel Nails

tainless Steel LUS Hangers with Smooth Shank Stainless Steel Nails

		DF/SP Allowable Loads							SPF/HF Allowable Loads								
Model No.	Hea	der	Joist	Uplift	ft Floor (100)		Snow	(115)	Roof	(125)	Uplift	Floor	(100)	Snow (115)		Roof (125)	
	\$\$10d	8816d	Juist	(160)	SS10d	SS16d	S\$10d	SS16d	SS10d	SS16d	(160)	SS10d	SS16d	8810d	SS16d	SS10d	SS16d
LUS26SS	4-SS10d		4-SS10d	915	865		990		1070		805	740		845		915	
LUS26-2SS		4-SS16d	4-SS16d	955		1030		1180		1280	955		880		1010		1090
LUSZESS	6-S\$10d		4-SS10d	915	1100		1255	7	1360		805	940		1075		1166	Æ
LUS28-2SS		6-SS16d	4-SS16d	955		1315		1500	-	1625	955		1125		1285		1390
LUS210SS	8-SS10d		4-SS10d	960	1340		1525		1650		750	1145		1305		1415	
LUS210-2SS	-	8-SS16d	6-SS16d	1595		1830	_	2090		2265	1235		1565		1785		1935

1. SS10d, SS16d nails are smooth shank stainless steel nails.

2. NAILS: SS10d = 0.148" dia. X 3" long. SS16d = 0.162" dia. X 3 1/2" long. See other nail sizes and information.

tainless Steel LUS Hangers with Simpson Strong-Tie® Ring-Shank Stainless Steel Nails

		Fasteners		DF/SP Allowable Loads							SPF/HF Allowable Loads							
Model No.	Hea	Header Joist Uplift Floor (100) Snow (115) Roof (125)		(125)	Uplift	Floor (100)		Snow (115)		Roof (125)								
	SSA10d	SSA16d	JOISE	(160)	SSA10d	SSA16d	SSA10d	SSA16d	SSA10d	SSA16d	(160)	SSA10d	SSA16d	SSA10d	SSA16d	SSA10d	SSA16d	
LUS26SS	4-SSA10d		4-SSA10d	1165	865		990		1070		1005	740		845		915		
LUS26-2SS		4-SSA16d	4-SSA16d	1165		1030		1180		1280	1000		880		1010		1090	
LUS28SS	6-SSA10d		4-SSA10d	1165	1100		1255		1360		1005	940		1075		1165	-	

TABLE 1—RSS™ FASTENER SPECIFICATIONS

			THREAD	MINOR	SHANK	OUTSIDE	ALLOWA	BLE STEEL STR	ENGTH
	STENER IGNATION	(inches)	LENGTH ² (inches)	THREAD DIAMETER ³ (Inch)	DIAMETER ³ (inch)	THREAD DIAMETER ³ (Inch)	BENDING YIELD STRENGTH ⁴ F _{yb} (psi)	TENSILE (lbf)	SHEAR (lbf) [psi]
	1/4 x 21/2"	2 ³ /8	11/2						
	1/4 x 23/4"	23/4	13/4	0.150	0.169	0.239	170,400	1112	754
	1/4 x 31/8"	3 ¹ / ₈	2	0.150	0.109	0.239	170,400	[62,770]	[42,560]
	1/4 x 31/2"	31/2	2 ³ / ₈						
	5/16 x 21/2"	2 ³ / ₈	11/2						
	⁵ / ₁₆ x 2 ³ / ₄ "	23/4	13/4						
	5/16 x 31/8"	3¹/ ₈	21/8						
	5/16 x 31/2"	31/2	21/2	0.174	0,199	0.280	190,900	1415 (59/320)	982. [44] 178]
	5/ ₁₆ x 4"	3 ⁷ /8	2 ³ / ₄						
	5/16 x 51/6"	5	31/2						
RSS	5/ ₁₆ x 6"	5 ⁷ /8	37/8						
	3/8 x 31/8"	3 ¹ / ₈	2 ¹ / ₈						
	3/8 x 4"	3 ⁷ / ₈	23/4						
	$^{3}/_{8} \times 5^{1}/_{8}^{n}$	5 ¹ / ₈	31/2						
	3/8 x 6"	5 ⁷ /8	4						
	3/8 x 71/4"	7	41/2	0.191	0.223	0.240	479 000	1941	1231
	3/8 x 8"	77/8	43/8	0.191	0.223	0.310	178,000	[67,920]	[43,080]
	³ / ₈ x 10"	93/4	5						
	³ / ₈ x 12"	11 ⁷ / ₈	5 ⁷ /8						
	3/8 x 141/8"	141/8	5 ⁷ /8						
	3/8 x 16"	15 ⁵ / ₈	5 ³ / ₄						
	1/4 x 6"	5 ⁷ /8	2 ⁷ /8						
	1/4 x 8"	7 ⁷ / ₈	27/8						
	1/4 × 9"	9	27/8						
LPS	1/4 x 10"	9 ⁷ /8	2 ⁷ /8	0.152	0.172	0.238	172,600	1051 [57,610]	666 [36,510]
	1/4 x 11"	10 ⁷ /8	2 ⁷ / ₈						
	1/4 x 12"	11 ³ / ₄	27/8						
Ш	1/4 × 14"	13 ⁷ / ₈	27/8						
	³ / ₈ x 8"	77/8	37/8						
	3/8 x 10"	9 ⁷ /8	37/8						
LTF	3/8 x 12"	113/4	37/8	0.191	0.220	0.310	167,600	1714	1094
٦	3/8 x 15"	143/4	37/8		1		107,000	[59,770]	[38,150]
	³ / ₈ x 18"	18	3 ⁷ /8						
	³ / ₈ x 20"	19 ⁵ /8	37/8						
	1/4 x 21/2"	2 ³ /8	11/2	0.152	0.170	0.237	111,400	628	546
×	1/4 x 31/8"	31/8	2	J.102	0.170	0.231		[34,650]	[30,050]
Eliz	5/16 X 21/2"	23/8	1 ⁵ /8						
H	5/16 x 31/8"	3 ¹ / ₈	21/8						
RSS PHEINOX	5/ ₁₆ x 4"	3 ⁷ /8	21/2	0.171	0.195	0.276	118,300	806 [34,910]	668 [28,930]
Œ	5/16 x 51/8"	5 ¹ / ₈	3³/ ₈						
	⁵ / ₁₆ x 6"	57/8	3 ⁷ /8						
	1/4 x 33/8"	3 ³ / ₈	1 ³ / ₈						
JTS	1/4 x 5"	5	15/8	0.153	0.173	0.240	226,300	1104 [60,330]	769 [42,030]
	$^{1}/_{4} \times 6^{3}/_{4}$	6 ³ / ₄	11/2						1,77,77

For SI: 1 inch = 25.4 mm; 1 psi =6.9 kPa; 1 lbf = 4.4 N.

¹The length of fasteners is measured from the underside of the head to bottom of the tip. See Figure 1.

²Length of thread includes tip. See Figure 1.

³Minor thread, shank and outside thread diameters are shown in table without manufacturing tolerances.

⁴Bending yield strength determined in accordance with ASTM F 1575 using the minor thread diameter.

⁵See Figure 1 for additional dimensional information.

- 6. HB dimension is the distance from the bottom of the post up to the first bolt hole.
- 7. Structural composite lumber columns have sides that show either the wide face or the edges of the lumber strands/veneers. For SCL columns, the fasteners for these products should always be installed in the wide face.
- 8. Downloads shall be reduced where limited by the capacity of the post. See Post Capacities for common post allowable loads.
- 9. NAILS: 16d = 0.162" dia. x 3 1/2" long, 10d = 0.148" dia. x 3" long. See other nail sizes and information.

Load Values with Strong-Drive® SD Connector Screws

These products are available with additional corrosion protection. Additional products on this page may also be available with this option, check with Simpson Strong-Tie for details.

Model No.	Nominal	Fa	stener	Allowable Loads (DF/SF			
	Post Size	Anch.	Post	Uplift	Down		
		Dia.	Screws	(160)	(100)		
ABA44Z	4x4	1/2	6-SD9112	610	6000		
ABW44Z	4x4	1/2	8-SD9112	1105	7180		
ABU44	4x4	5/8	12-SD10112	2140	6665		
ABA44R	Rough 4x4	1/2	6-SD9112	610	8000		
ABW44RZ	Rough 4x4	1/2	8-SD9112	845	7180		
ABW46Z	4x6	1/2	10-SD9112	940	4590		
ABA46Z	4x6	5/8	8-SD10112	940	9435		
ABW46RZ	Rough 4x6	1/2	10-SD9112	845	4590		
ABAGGZ	6666	5/8	8-SD10112	970	10865		
ABW66Z	6x6	1/2	12-SD9112	1225	12935		
ABA66R	Rough 6x6	5/8	8-SD10112	970	12665		
ABW66RZ	Rough 6x6	1/2	12-SD9112	1190	12935		

Code Reports (PDFs):

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ICC-ES ES

LEGACY REPORTS

ICC-ES NER ICC-ES ER

	IAPMO UES ER	ICC-ES ESR	CITY OF LOS ANGELES	STATE OF FLORIDA
ABA			See specific model numbers t	or code listings.
ABA44RZ			No code listing. Please contact	tus for test data.
ABA44Z	ESF	R-1622 / ESR-2523 * / ESR-3096	RR25910	FL10849
ABA46R	ESF	R-1622 / ESR-2523 * / ESR-3096	RR25910	<u>FL10849</u>
ABA46Z	ESF	R-1622 / ESR-2523 * / ESR-3096	RR25910	FL10849
ABA66RZ			No code listing. Please contact	t us for test data.
ABA66Z	ESF	8-1622 / ESR-2523 * / ESR-3096	RR25910	<u>FL10849</u>
ABU			See specific model numbers f	or code listings.
ABU1010RZ			No code listing. Please contact	us for test data.
ABU1010Z			No code listing. Please contact	
ABU44Z	ESF	R-1622 / ESR-2523 * / ESR-3096	RR25712 / RR25910	FL10849
ABU46RZ			No code listing. Please contact	us for test data.
ABU46Z		ESR-1622 / ESR-2523 *	RR25712	FL10849
ABU5-5			No code listing. Please contact	us for test data.
ABU5-6			No code listing. Please contact	
ABU66RZ			No code listing. Please contact	
ABU66Z		ESR-1622 / ESR-2523 *	RR25712	FL10849
ABU88R			No code listing: Please contact	
ABU88Z			No code listing. Please contact	