HOLDOWNS

SIMPSON Strong-Tie®

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.

SS *These products may be available in stainless steel for premium corrosion resistance. Contact Simpson Strong-Tie for availability.*

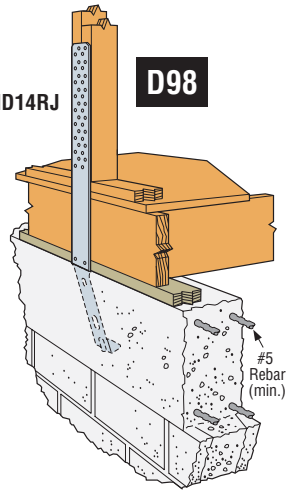
*These products are approved for installation with the Strong-Drive® SD structural-connector screw. See **www.strongtie.com/sd** for the correct substitution and SD screw size.*

	Model No.	Qty. Required	Anchor Diameter (in.)	Min.[1] Wood Member Thickness (in.)	Fasteners (Stud)	DF/SP Allowable Loads Uplift (160)	SPF Allowable Loads Uplift (160)
SS	DTT2Z[8]	1	½	3	(8) ¼"x1½" SDS	2145	1835
	LSTHD8/STHD8RJ	1	Embed	—	(20) 16d Sinkers	2700[2,10]	2700[2,10]
NEW	HD3B	1	⅝	3	(2) ⅝" MB[6]	3130	3050
	STHD10/STHD10RJ	1	Embed	—	(24) 16d Sinkers	4120[3,10]	4120[3,10]
	HDU2-SDS2.5	1	⅝	3	(6) ¼"x2½" SDS	3075	2215
	HTT4	1	⅝	3	(18) 10dx1½"	3610	3105
	STHD14/STHD14RJ	1	Embed	—	(30) 16d Sinkers	5345[4,10]	5345[4,10]
	HTT5KT	1	⅝	3	(26) #10x2½" SD	5445	5360
	HTT4	1	⅝	3	(18) 16dx2½"	4235	3640
	HTT5	1	⅝	3	(26) 10dx1½"	4350	3740
NEW	HD5B	1	⅝	3	(2) ¾" MB[6]	4505	3785
	HDU4-SDS2.5	1	⅝	3	(10) ¼"x2½" SDS	4565	3285
	HTT5	1	⅝	3	(26) 10d	4670	4015
	HTT5	1	⅝	3	(26) 16dx2½"	5090	4375
	HDU5-SDS2.5	1	⅝	3	(14) ¼"x2½" SDS	5645	4065
NEW	HD7B	1	⅞	3	(3) ¾" MB[6]	6645	5650
	HDU8-SDS2.5	1	⅞	4½	(20) ¼"x2½" SDS	7870	5665
	HDQ8-SDS3	1	⅞	4½	(20) ¼"x3" SDS	9230	6645
	HDC10/22-SDS2.5	1	⅞	3	(24) ¼"x2½" SDS	9665	8425
NEW	HD9B	1	⅞	4½	(3) ⅞" MB[6]	9920	8435
	HDU11-SDS2.5	1	1	7¼	(30) ¼"x2½" SDS	11175	8045
	HDU14-SDS2.5	1	1	7¼	(36) ¼"x2½" SDS	14375[9]	10435[9]
	HD19	1	1¼	7¼	(5) 1" MB[6]	19360	15270

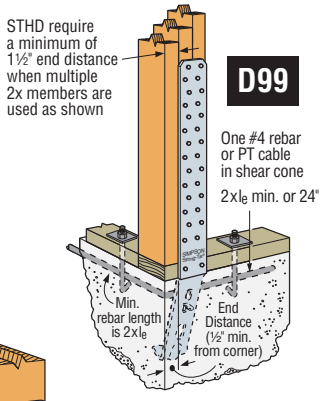
1. See the current Simpson Strong-Tie® *Wood Construction Connectors* catalog for load values based on different wood thickness. Post design by Specifier.
2. Where noted in table, load listed is for 6" or 8" stemwall corner condition with ½" min. edge distance into non-cracked 2500 psi concrete. For midwall condition, allowable load is 3115 lbs. for 6" or 8" stemwall. For end-of-wall condition, allowable load is 1690 lbs. for 6" stemwall *(2230 lbs. for 8" stemwall)*.
3. Where noted in table, load listed is for 8" stemwall corner condition with ½" min. edge distance into non-cracked 2500 psi concrete. For midwall condition, allowable load is 4755 lbs. For end-of-wall condition, allowable load is 3145 lbs. See the current *Wood Construction Connectors* catalog for 6" stemwall loads.
4. Where noted in table, load listed is for 8" stemwall corner or midwall condition with ½" min. edge distance into non-cracked 2500 psi concrete. For end-of-wall condition, allowable load is 4470 lbs. See the current *Wood Construction Connectors* catalog for 6" stemwall loads.
5. ATR—All-Thread Rod or Anchor Bolt. The Designer must specify anchor type, length, and embedment. Refer to technical bulletin T-ANCHORSPEC for guidance on selected products.
6. Lag bolts will not develop the listed loads.
7. STHD straps may be installed over ½" maximum wood structural panel sheathing.
8. For stainless steel, order DTT2SS.
9. Requires heavy hex anchor nut to acheive tabulated loads (supplied with holdown).
10. For further clarification on midwall, end-of-wall and corner conditions, reference the current Wood Construction Connectors catalog.

Refer to pages 7-8 for important considerations regarding coatings on connectors attached to preservative-treated wood

STHD14RJ **D98**

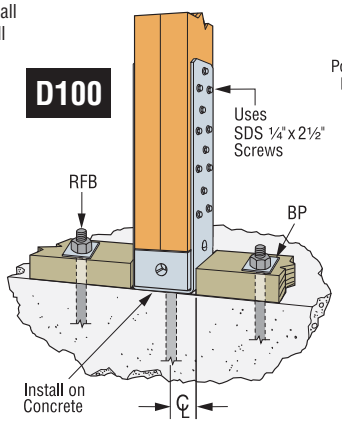


D99

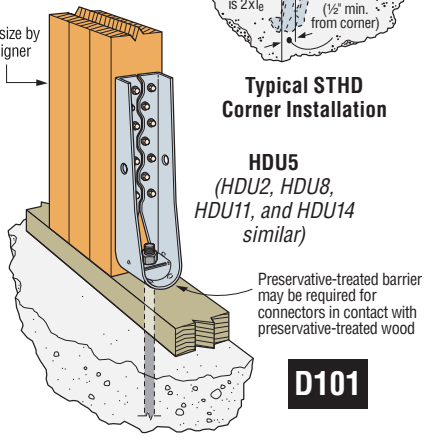


Typical STHD Corner Installation

D100



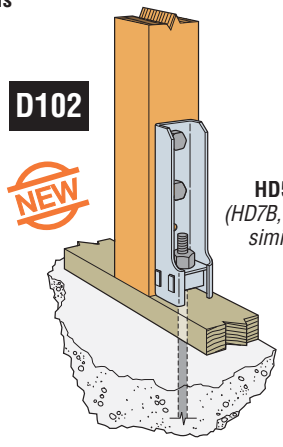
Typical HDC Installation with (2) 2x4 Studs



HDU5 *(HDU2, HDU8, HDU11, and HDU14 similar)*

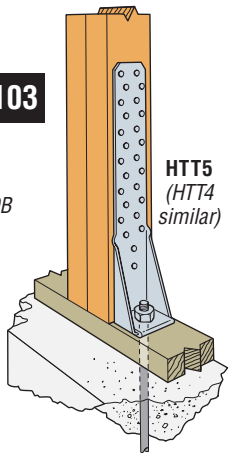
D101

D102



NEW **HD5B** *(HD7B, HD9B similar)*

D103



HTT5 *(HTT4 similar)*



Need a Higher-Capacity Holdown?

When one of our conventional holdowns doesn't offer enough overturning capacity for a multi-story project, consider specifying the Simpson Strong-Tie® Anchor Tiedown System (ATS).

For more information on specification options please see our *Anchor Tiedown Systems Options for Specification* flier (F-ATSD10) or visit ***www.strongtie.com/ats***.

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