Drag Strut Connector

The DSC drag-strut connector transfers diaphragm shear forces from a girder truss or beam to shearwalls. The DSC5 has been designed to optimize fastener location. The DSC2 is a smaller, lighter version that installs with fewer fasteners.

Features:

- Left hand and right hand versions available
- DSC connectors install with the ¼" x 3" Strong-Drive® SDS Heavy-Duty Connector screws (provided)

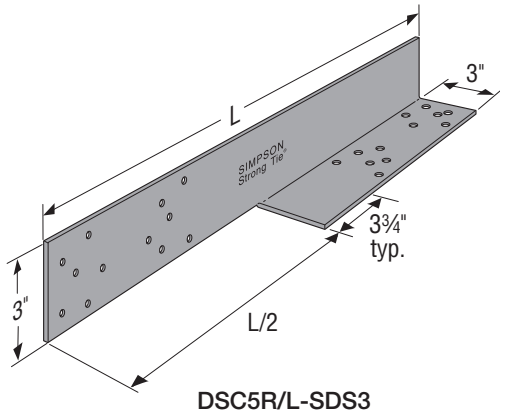
Material: DSC2 — 8 gauge; DSC5 — 3 gauge

Finish: DSC2 — galvanized;
DSC5 — Simpson Strong-Tie gray paint

Installation:

- Use all specified fasteners; see General Notes
- Strong-Drive SDS Heavy-Duty Connector screws are provided

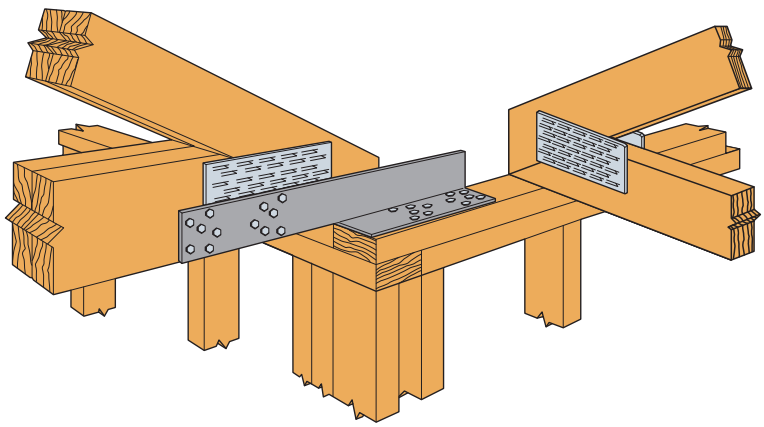
Codes: See p. 13 for Code Reference Key Chart



DSC5R/L-SDS3
(DSC2 similar)
(right hand DSC shown; specify right or left hand when ordering)

Model No.	L	SDS Fasteners	DF/SP Allowable Loads		SPF/HF Allowable Loads		Code Ref.
			Compression (160)	Tension (160)	Compression (160)	Tension (160)	
DSC2R/L-SDS3	16	(20) ¼" x 3"	2,590	3,575	2,490	3,100	IBC®, FL
DSC5R/L-SDS3	21	(24) ¼" x 3"	4,460	4,335	3,830	3,715	

1. Allowable loads have been increased for wind or earthquake loading with no further increase allowed. Reduce where other loads govern.
2. Strong-Drive SDS Heavy-Duty Connector screw minimum penetration is 2¾", minimum end distance is 2½" for DSC2 and 3¾" for DSC5, and minimum edge distance is ⅝" for full load values.
3. Strong-Drive SDS Heavy-Duty Connector screws may be installed through metal truss plates as approved by the Truss Designer, provided the requirements of ANSI/TPI 1-2014, Sections 7.5.3.4 and 8.9.2 are met (predrilling required through the plate using a ⅝₃₂" bit maximum).
4. **Fasteners:** SDS screws are Simpson Strong-Tie Strong-Drive SDS Heavy-Duty Connector screws. See pp. 23–24 for fastener information.



Typical DSC5R-SDS3 Installation
(DSC2 similar)

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