

# Experimental Study of Square and Rectangular CFDST Tubes under Axial Compression

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Flexural behaviour and strengths of press-braked S960 ultra-high strength steel channel section beams. <i>Engineering Structures</i> , 2019, 200, 109735.	2.6	45
2	Testing and numerical modelling of S960 ultra-high strength steel angle and channel section stub columns. <i>Engineering Structures</i> , 2020, 204, 109902.	2.6	59
3	Design and testing of concrete encased steel composite beam-columns with C90 concrete and S690 steel section. <i>Engineering Structures</i> , 2020, 220, 110995.	2.6	19
4	Influence of Sheathing-Fastener Connection Stiffness on the Design Strength of Cold-Formed Steel Wall Panels. <i>Journal of Structural Engineering</i> , 2020, 146, .	1.7	16
5	Compressive behaviour and design of CFDST cross-sections with stainless steel outer tubes. <i>Journal of Constructional Steel Research</i> , 2020, 170, 105942.	1.7	38
6	Behavior of octagonal concrete-filled double-skin steel tube stub columns under axial compression. <i>Journal of Constructional Steel Research</i> , 2020, 170, 106115.	1.7	21
7	Seismic performance of stiffened concrete-filled double skin steel tubes. <i>Journal of Constructional Steel Research</i> , 2020, 169, 106020.	1.7	25
8	Recent developments and fire design provisions for CFST columns and slim-floor beams. <i>Journal of Constructional Steel Research</i> , 2020, 172, 106159.	1.7	25
9	Tensile Tests of Cold-Formed Stainless Steel Tubes. <i>Journal of Structural Engineering</i> , 2020, 146, .	1.7	46
10	Beam-column tests of cold-formed steel elliptical hollow sections. <i>Engineering Structures</i> , 2020, 210, 109911.	2.6	68
11	Behaviour of high-strength CFDST chord to CHS brace T-joint: Experiment. <i>Engineering Structures</i> , 2020, 219, 110780.	2.6	13
12	Experimental investigation on blast furnace slag aggregate concrete filled double skin tubular (CFDST) stub columns under sustained loading. <i>Structures</i> , 2020, 27, 352-360.	1.7	8
13	Flexural behavior of a novel high-strength RCFST column-to-column connection. <i>Thin-Walled Structures</i> , 2021, 159, 107274.	2.7	12
14	Axisymmetric simulation of circular concrete-filled double-skin steel tubular short columns incorporating outer stainless-steel tube. <i>Engineering Structures</i> , 2021, 227, 111416.	2.6	16
15	Flexural behavior of ultra-high performance concrete filled high-strength steel tube. <i>Structural Concrete</i> , 2021, 22, 1688-1707.	1.5	11
16	Experimental and numerical studies of circular sandwiched concrete axially loaded CFDST short columns. <i>Engineering Structures</i> , 2021, 230, 111617.	2.6	25
17	Design of Lean Duplex Stainless Steel Tubular Sections Subjected to Concentrated End-Bearing Loads. <i>Journal of Structural Engineering</i> , 2021, 147, .	1.7	8
18	Numerical modeling of rectangular concrete-filled double-skin steel tubular columns with outer stainless-steel skin. <i>Journal of Constructional Steel Research</i> , 2021, 179, 106504.	1.7	10

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19	Uni-axial behaviour of expansive CFST and DSCFST stub columns. <i>Engineering Structures</i> , 2021, 237, 112193.	2.6	58
20	Web crippling design of lean duplex stainless steel tubular members under interior loading conditions. <i>Engineering Structures</i> , 2021, 238, 112192.	2.6	12
21	Confining stress path-based compressive strength model of axially compressed circular concrete-filled double-skin steel tubular short columns. <i>Thin-Walled Structures</i> , 2021, 165, 107949.	2.7	22
22	Numerical analysis and design of cold-formed steel elliptical hollow sections under combined compression and bending. <i>Engineering Structures</i> , 2021, 241, 112417.	2.6	52
23	Behaviour and design of high-strength concrete-filled rectangular ferritic stainless steel tubular (CFFSST) short columns subjected to axial compression. <i>Engineering Structures</i> , 2021, 242, 112611.	2.6	18
24	Compressive behaviour and design of compact to slender octagonal concrete-filled steel tubular stub columns. <i>Thin-Walled Structures</i> , 2021, 167, 108211.	2.7	13
25	Testing and numerical modelling of circular CFDST cross-sections with stainless steel outer tubes in bending. <i>Engineering Structures</i> , 2021, 247, 113170.	2.6	22
26	CFDST sections with square stainless steel outer tubes under axial compression: Experimental investigation, numerical modelling and design. <i>Engineering Structures</i> , 2020, 207, 110189.	2.6	48
27	Experimental investigation on hollow-steel-tube columns with external confinements. <i>Journal of Constructional Steel Research</i> , 2020, 166, 105865.	1.7	60
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30	Assessment of Concrete Filled Steel Tubular Members: An Experimental Review. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1197, 012026.	0.3	3
31	Numerical investigation on circular concrete-filled double skin steel tube columns under torsion. <i>Structures</i> , 2022, 37, 17-31.	1.7	7
32	Numerical analysis of square concrete-filled double-skin tubular columns with outer stainless-steel tube. <i>Structural Concrete</i> , 2022, 23, 2968-2985.	1.5	8
33	Experimental behaviors of square concrete filled steel tubular columns with PBL stiffeners. <i>Structures</i> , 2022, 38, 1556-1569.	1.7	9
34	Tests on CFS Laced Columns Composed of Plain Channels: Behavior and Design. <i>Journal of Structural Engineering</i> , 2022, 148, .	1.7	4
35	Experimental and analytical study of hollow section concrete-filled GFRP tubes in bending. <i>Thin-Walled Structures</i> , 2022, 177, 109297.	2.7	6
36	Flexural behavior of circular section concrete-filled steel tubes with embedded latticed angles. <i>Journal of Constructional Steel Research</i> , 2022, 196, 107401.	1.7	3

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37	Concrete-filled double steel tubular beams under lateral impact. <i>Case Studies in Construction Materials</i> , 2022, 17, e01252.	0.8	0
38	Analytical model for concrete-filled double skin tube columns with different cross-sectional shapes under axial compression. <i>Structures</i> , 2022, 43, 316-337.	1.7	6
39	Flexural behaviour of concrete-filled double skin aluminium alloy tubes. <i>Engineering Structures</i> , 2022, 272, 114972.	2.6	6
40	Axial compression behavior of CFRP-confined square concrete-filled double skin tube stub columns with stainless steel outer tube. <i>Ocean Engineering</i> , 2022, 266, 112871.	1.9	7
41	Influences of the strengthening methods on axial and eccentric compressive behaviors of circular concrete-filled double-skin tubular columns. <i>Case Studies in Construction Materials</i> , 2022, 17, e01672.	0.8	1
42	Flexural buckling behaviour of concrete-filled double skin aluminium alloy columns. <i>Engineering Structures</i> , 2023, 275, 115316.	2.6	0
43	Research on compressive behavior of CFRP-confined CFDST stub columns with square stainless steel outer tube. <i>Structures</i> , 2023, 48, 450-464.	1.7	4
44	Stub Column Behavior of Concrete-Filled Cold-Formed Steel Semi-Oval Sections. <i>Journal of Structural Engineering</i> , 2023, 149, .	1.7	31
45	Experimental and numerical studies on the axial compression performance of hexagonal stiffened CFDST stub columns. <i>Composite Structures</i> , 2023, 311, 116801.	3.1	4
46	Cyclic behavior and ultimate bearing capacity of circular concrete-filled double skin steel tube members subjected to combined compression and torsion. <i>Thin-Walled Structures</i> , 2023, 186, 110707.	2.7	1
47	Numerical analysis of circular-steel-tube with anchor-plates embedded in concrete-columns under uplift load. <i>Structures</i> , 2023, 51, 1742-1756.	1.7	0
48	Behavior of concrete-filled cold-formed steel built-up section stub columns. <i>Thin-Walled Structures</i> , 2023, 187, 110692.	2.7	21
49	Simulation modeling and design of circular concrete-filled double-skin tubular slender beam-columns with outer stainless-steel tube. <i>Engineering Structures</i> , 2023, 285, 116014.	2.6	2
50	Axial compression performance of concrete filled double skin (SHS outer and CHS inner) steel tubular columns strengthened by CFRP. <i>Advances in Structural Engineering</i> , 0, , 136943322311611.	1.2	1