

Strut

Part Number	Length (ft)	Description	Gage	Pkg Qty (pcs)
XSS-001	10	Slotted Shallow Strut (1-3/16" x 1-5/8") Pre-galvanized	14	50
XSD-001	10	Slotted Deep Strut (1-5/8" x 1-5/8") Pre-galvanized	12	50
XSD-000	10	Solid Deep Strut (1-5/8" x 1-5/8") Pre-galvanized	12	50
XSB-001	10	Back-to-Back Slotted Deep Strut Pre-galvanized	12	25

Strut Specifications

Beam Loading Data														
Span (Inch)		24	36	35	60	70	82	94	106	118	142	166	190	214
Max. Allowable Uniform Load ton force	XSS	0.27	0.18	0.13	0.11	0.09	0.08	0.07	0.06	0.05				
	XSD	0.76	0.50	0.38	0.30	0.25	0.21	0.19	0.17	0.15	0.12	0.11	0.09	0.08
Deflection at Uniform Load inch	XSS	0.30	0.60	1.00	1.60	2.20	3.10	4.00	5.00	5.70				
	XSD	0.10	0.30	0.50	0.80	1.20	1.60	2.10	2.70	3.30	4.60	6.70	8.20	10.30
Uniform Load at Span/200 Deflection ton-force	XSS	0.27	0.15	0.08	0.05	0.04	0.03	0.02	0.02	0.01				
	XSD	0.76	0.76	0.42	0.27	0.19	0.14	0.11	0.08	0.07	0.1	0.04	0.03	0.02
Column Loading Data														
Unbraced Height (Inch)		24	36	35	60	70	82	94	106	118	142	166	190	214
Max. Allowable Lateral Load ton force	XSS	0.94	0.08	0.62	0.48	0.38								
	XSD	1.51	1.33	1.14	0.99	0.88	0.78	0.7	0.64	0.57				

CS Industrial pre-galvanized channels are cold roll formed to size from low-carbon strip steel. Our pre-galvanized steel is zinc coated through a hot dip process. Large coils of steel strip are fed through a continuous zinc coating machine which cleans, fluxes and coats the steel with molten zinc. The steel is cooled and recoiled then cold roll formed into our strut.

Our pre-galvanized zinc coating conforms to a G-90 thickness designation per ASTM A653.

CS Industrial standard length is 10 feet (3.05m)

Length Tolerances are +1/8" (3.2mm) to +1/2" (12.7mm) to allow for cutting.

Zinc Plating thickness is 0.75 MIL or 0.45 oz./sq. ft. of surface area.