TOPSUPPORTS

Innovative Strength

TopSupports is a galvanized steel channel designed to simplify installation and seismic bracing for multiple applications, such as ventilation, electricity, plumbing, refrigeration and fire security.

Features

Fast
Pre-drilled holes reduces time.

Strong
Engineered design provides a greater resistance.

Seismic
Reinforce a threaded rod for seismic installation requirements.

Lightweight
Galvanized steel (G90) is lighter than an iron angle.

Economical
Less expensive than a galvanized iron angle and reduces installation costs.

Versatile
Unique design allows for multiple applications.

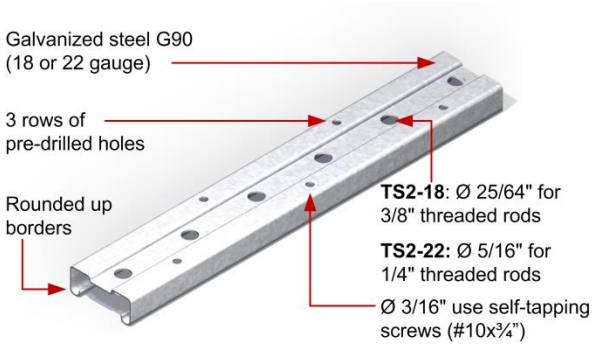
Overview

TS150

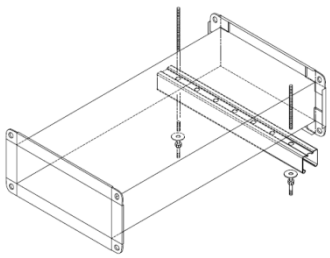
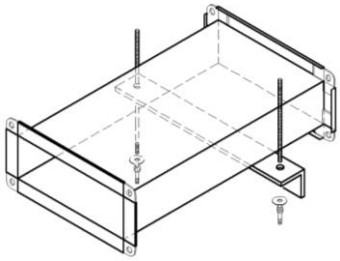
Compatible with Cantruss type fittings and accessories for mechanical applications.

TS2-18 and TS2-22

For smaller loads and standard suspension applications.

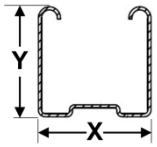
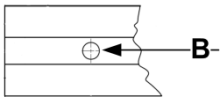


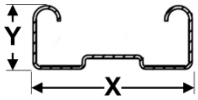
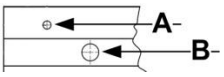
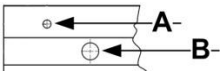
TopSupports vs Galvanized Iron Angle: *The Choice is Simple.*

TopSupports TS150	vs.	**Galvanized Iron Angle** (1.5" x 1.5" 0.125")	=	**Winner**	**Results**
				TopSupports	**50%*** stronger
				TopSupports	**50%*** less expensive
				TopSupports	**75%*** faster
				TopSupports	No painting required

* *Values vary according to the TopSupports model*

Technical Specifications

	Gauge	Dimensions	Pre-Drilled Holes	Threaded Rod	Load
TS150 	**18 ga**	 **X** = 1.625” (1 5/8”) | 41.3mm Centroid: 0.921” | 23.39mm **Y** = 1.625” (1 5/8”) | 41.3mm Centroid: 0.813” | 20.64mm	 B = 0.390” (25/64”) | 9.92mm	0.375” (3/8”) 9.52mm	Up to 1200lb (544kg)* for a uniform load

	Gauge	Dimensions	Pre-Drilled Holes	Threaded Rod	Load
TS2-18 | TS2-22 	**18 ga**	 **X** = 2.146” (2 9/64”) | 54.5mm Centroid: 0.500” | 12.80mm **Y** = 0.750” (3/4”) | 19mm Centroid: 1.073” | 27.25mm	 A = 0.188” (3/16”) | 4.76mm B = 0.390” (25/64”) | 9.92mm	0.375” (3/8”) 9.52mm	Up to 290lb (132kg)* for a uniform load
	22 ga		 A = 0.188” (3/16”) | 4.76mm B = 0.313” (5/16”) | 7.95mm	0.25” (1/4”) 6.35mm	Up to 200lb (91kg)* for a uniform load

** Resistance varies according to the type of load, application, spacing and deflection*

Sectional Properties

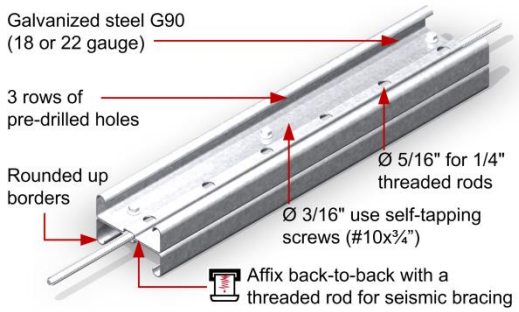
Elastic limit = 33 KSI

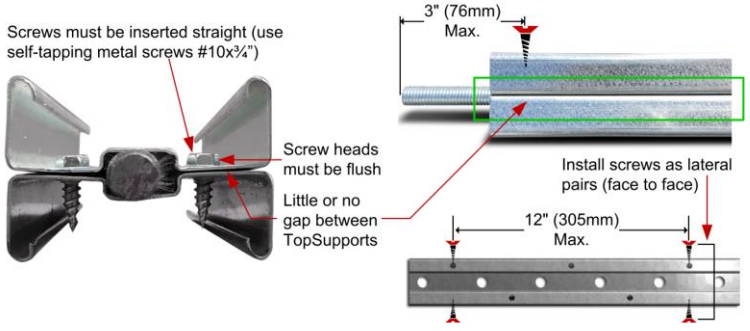
Model	Linear Weight	Area of Section	X-X Axis			Y-Y Axis		
Imperial	lbs/ft	in^2	I in^4	S in^3	r in	I in^4	S in^3	r in
TS150	0.954	0.283	0.095	0.103	0.581	0.123	0.152	0.661
TS2-18	0.680	0.203	0.012	0.024	0.246	0.131	0.122	0.803
TS2-22	0.445	0.132	0.009	0.017	0.254	0.086	0.081	0.809
Metric	kg/m	mm^2	I mm^4	S mm^3	r mm	I mm^4	S mm^3	r mm
TS150	1.420	182.2	3.965E+04	1695.6	14.75	5.130+04	2485.9	16.8
TS2-18	1.012	130.9	5.107E+03	400.3	6.25	5.438E+04	1995.5	20.4
TS2-22	0.662	85.1	3.548E+03	277.1	6.46	3.598E+04	1320.6	20.6

TS2-18B and TS2-22B: Seismic

Install back to back with a threaded rod for seismic installations.

Seismic





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