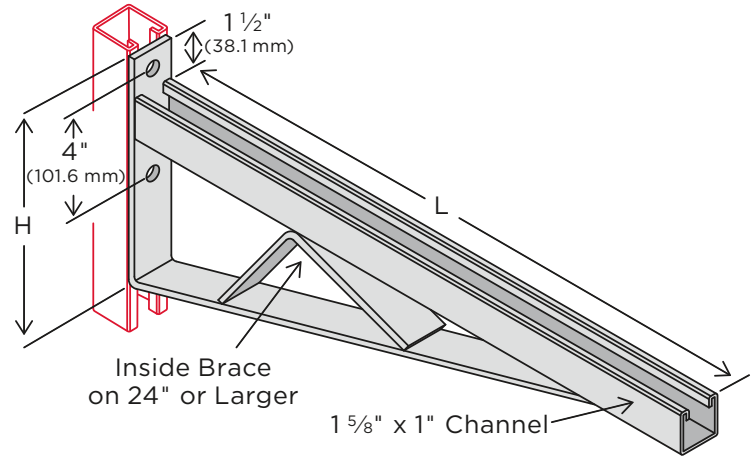


Bracket — ZBR45

Bracket Channel

Standard finish is Electro-Galvanized (EG).



CATALOG NUMBER	WEIGHT		L		H		UNIFORM LOAD*	
	lbs.	in.	mm	in.	mm	lbs.	kN	
ZBR451200EG	3.71	12	304.8	8 3/4	222.2	1550	6.89	
ZBR451800EG	4.88	18	457.2	8 3/4	222.2	1000	4.45	
ZBR452400EG	7.41	24	609.6	8 3/4	222.2	950	4.23	
ZBR453000EG	9.88	30	762.0	11 1/4	285.7	900	4.00	
ZBR453600EG	10.83	36	914.4	11 1/4	285.7	850	3.78	
ZBR453800EG	11.28	38	965.2	11 1/4	285.7	800	3.56	
ZBR454200EG	13.25	42	1066.38	16	406.4	600	2.67	
ZBR454800EG	14.58	48	1219.2	16	406.4	500	2.22	

*When mounted on 12 gauge channel.

Material is 1 5/8" (41.3 mm) wide x 1/4" (6.3 mm) thick unless specified. Holes are 3/16" (14.3 mm) diameter, 1 3/16" (20.6 mm) center to edge on 1 7/8" (47.6 mm) centers unless specified.

Material Specifications and Finishes

Carbon Steel — ASTM A1011-00 SS GR 33 or ASTM A1011-00CS Type B

EG — Electro-Galvanized. Electroplating deposits zinc on the surface of the steel by electrolysis from a bath of zinc salts. Recommended for relatively dry indoor use. This is the standard coating for most ZI-Strut products. Thickness of applied zinc is between 0.2 mils and 0.5 mils (5.1 µm to 12.7 µm). Coatings on ZI-Strut EG products meet ASTM B633 SC1 Type III.

HD — Hot Dip Galvanized After Fabrication. Fabricated product is dipped in molten zinc and is completely covered on all surfaces. Recommended for outdoor use. Coatings on ZI-Strut HD products meet ASTM A123/153. The zinc coating is typically 2.6 mils (66.0 µm) or 1.5 oz. per square foot (0.46 kg per square meter) per side.

S4 — 304 Stainless Steel — ASTM A240 (Type 304)

S6 — 316 Stainless Steel — ASTM A240 (Type 316)
316 Stainless Steel Nuts — ASTM A276-03

YC — Yellow Zinc Dichromate. A 0.5 mil (12.7 µm) electro-galvanized zinc plating meeting ASTM B633 SC1 Type III is applied to the surface of the metal. Yellow Dichromate is applied over the zinc. This results in a yellowish gold appearance and acts as a nonporous barrier sealant that is corrosion resistant and can be painted.

Note: Specifications subject to change without notice.

SUBMITTAL INFORMATION

PROJECT: _____ CONTRACTOR: _____ DATE: _____

ENGINEER: _____ SPECIFICATION REFERENCE: _____ SYSTEM TYPE: _____

LOCATIONS: _____ COMMENTS: _____

WEL-111822