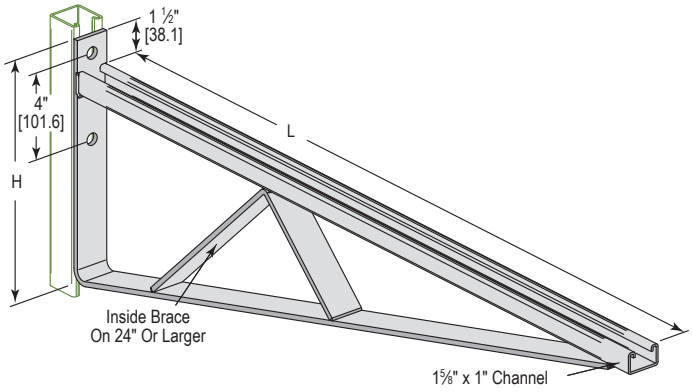
BR45 – Bracket Channel

Available Finishes / Materials:

- ☐ EG -- Electro-galvanized
- ☐ HD -- Hot dipped galvanized
- ☐ S4 -- 304 stainless steel
- ☐ S6 -- 316 stainless steel
- ☐ YC -- Yellow chromate

Standard Finish: EG



Catalog Number	Wt. lbs	L		H		Uniform Load *	
		in	mm	in	mm	lbs	kN
BR451200EG	3.71	12	304.8	8¾	222.2	1,550	6.89
BR451800EG	4.88	18	457.2	8¾	222.2	1,000	4.45
BR452400EG	7.41	24	609.6	8¾	222.2	950	4.23
BR453000EG	9.88	30	762.0	11¼	285.7	900	4.00
BR453600EG	10.83	36	914.4	11¼	285.7	850	3.78
BR453800EG	11.28	38	965.2	11¼	285.7	800	3.56
BR454200EG	13.25	42	1066.8	16	406.4	600	2.67
BR454800EG	14.58	48	1219.2	16	406.4	500	2.22

** When mounted on 12 gauge channel*

Material is 1⅝" [41.3] wide x ¼" [6.3] thick unless specified. Holes are ⁹⁄₁₆" (14.3) diameter, ¹³⁄₁₆" [20.6] center to edge on 1⅞" [47.6] 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 products. Thickness of applied zinc is between 0.2 mils to 0.5 mils [5.1 µm to 12.7 µm]. Coatings on EG products meets 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 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.

Project:	Date:	Phone:
Submited By:	Address:	
Comment		