



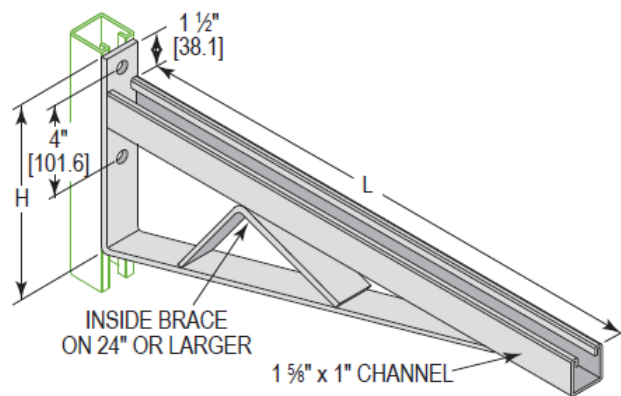
BRACKET CHANNEL

ELECTRO-GALVANIZED, HOT-DIP GALVANIZED, 304 & 316 STAINLESS STEEL & YELLOW CHROMATE

MATERIAL SPECIFICATIONS

Carbon Steel	ASTM A1011-00 SS GR 33 or ASTM A1011-00CS Type B
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 Phoenix products. Thickness of applied zinc is between 0.2 mils to 0.5 mils [5.1 µm to 12.7 µm]. Coatings on Phoenix EG products meet ASTM B633 SC1 Type III.
Hot-Dip Galvanized	Hot Dip Galvanized After Fabrication. Fabricated product product is dipped in molten zinc and is completely covered on all surfaces. Recommended for outdoor use. Coatings on Phoenix 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.
304 Stainless Steel	ASTM A240 (Type 304)
316 Stainless Steel	ASTM A240 (Type 316),
316 Stainless Steel NUTS	ASTM A276-03
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.
Notes	Specifications subject to change without notice.

DIMENSIONAL DATA



▪ * When mounted on 12 gauge channel

L		H		Uniform Load*		Weight (lbs)
in	mm	in	mm	lbs	kN	
12	304.8	8-3/4	222.2	1450	6.45	3.71
18	457.2	8-3/4	222.2	900	4.00	4.88
24	609.6	8-3/4	222.2	900	4.00	7.41
30	762.0	11-1/4	285.7	800	3.56	9.88
36	914.4	11-14	285.7	750	3.34	10.83