

SPECIFICATIONS

FNW7871

STRUT ACCESSORIES



EMT STRUT CLAMP

FEATURES

- EMT (electrical metallic tubing) strut clamps are used to attach pipe and EMT conduit to strut channel assemblies.
- Pre-assembled and stocked with an electro-galvanized finish

PRODUCT SPECIFICATIONS

Material

- Carbon steel – ASTM A1011-00 SS GR 33 or ASTM A1011-00CS Type B

Finish

- Z – Electro-galvanized (standard finish). 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 FNW products. Thickness of applied zinc is between 0.2 mils to 0.5 mils [5.1 μm to 12.7 μm]. Coatings on FNW Z products meet ASTM B633 SC1 Type III. (Z is the standard finish for fig. 7871.)
- 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 FNW 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
- Y – 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.



Fig. 7871

REFERENCE CHART

Catalog Number	EMT Sizes		O.D.		Design Load		Weight	
	in.	mm	in.	mm	lbs	kN	lbs	kg
FNW7871Z0037	3/8	10	0.557	14	400	1.78	0.09	0.041
FNW7871Z0050	1/2	15	0.706	18	400	1.78	0.10	0.045
FNW7871Z0075	3/4	20	0.922	23	400	1.78	0.11	0.050
FNW7871Z0100	1	25	1.163	30	600	2.67	0.14	0.064
FNW7871Z0125	1-1/4	32	1.510	38	600	2.67	0.16	0.073
FNW7871Z0150	1-1/2	40	1.740	44	800	3.56	0.26	0.118
FNW7871Z0200	2	50	2.197	56	800	3.56	0.32	0.145

