

Eristrut

STRUT NUT WITH SPRING, CHANNEL TYPE A

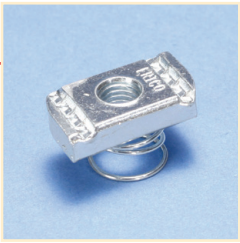


Material: Steel
Finish: Electrogalvanized

Part Number	Description	Torque
SPRA0025EG	EG, 1/4" Rod	6 ft lb
SPRA0037EG	EG, 3/8" Rod	19 ft lb
SPRA0050EG	EG, 1/2" Rod	50 ft lb
SPRA0062EG	EG, 5/8" Rod	50 ft lb

Pull-Out Strength		
Channel Thickness		
Part Number	12 GA	14 GA
SPRA0025EG	450 lb	450 lb
SPRA0037EG	1,100 lb	1,000 lb
SPRA0050EG	2,000 lb	1,400 lb
SPRA0062EG	2,000 lb	1,400 lb

STRUT NUT WITH SPRING, CHANNEL TYPE C



Material: Steel
Finish: Electrogalvanized

Part Number	Description	Torque
SPRC0025EG	EG, 1/4" Rod	6 ft lb
SPRC0037EG	EG, 3/8" Rod	19 ft lb

Pull-Out Strength		
Channel Thickness		
Part Number	12 GA	14 GA
SPRC0025EG	450 lb	450 lb
SPRC0037EG	1,100 lb	1,000 lb

Technical Section

III. Eristrut Load Applications

CHANNEL FRAMING

Eristrut channel and continuous inserts are cold roll-formed from high quality carbon steel. The raw steel used conforms to the following ASTM® specifications:

Guage	Finish	ASTM No.
12, 14	GR, HD, PG	A1011 GR33 A653 GR33

FINISHES

GREEN POWDER COATED (GN)

Eristrut green polyurethane powder coating is electrostatically applied after fabrication. Once the channel is pre-treated and cleaned, it is coated with the powder. It proceeds through a baking process creating a chemical bond, resulting in a 1.5 mil thickness of polyurethane coating. This coating provides excellent resistance to chipping, peeling, and corrosion.

PRE-GALVANIZED (PG)

The zinc coating on this channel is produced by hot dipping the steel coil or sheet at the mill prior to fabrication. This process is also known as "mill galvanized". The steel is then rolled and processed to produce various sizes and configurations of channel. During the fabrication of this product, the cut edges and welded areas are no longer zinc coated. However, the zinc near the uncoated metal provides sufficient protection to any bare areas. Pre-galvanized channel is suitable for use in dry or mildly corrosive atmospheres.

HOT DIP GALVANIZED (HD)

The zinc coating in this finish is applied after rolling and fabrication. The bond formed by dipping the finished product in molten zinc, completely covers all surfaces, including edges and welds. This zinc coating is recommended for prolonged outdoor exposure and will normally protect steel for up to 20 years or more. For best results, any field cuts should be treated with a zinc-rich paint to ensure the integrity of the finish.

STAINLESS STEEL (S4 OR S6)

Eristrut offers channel and accessories in AISI Type 304 of Type 316 stainless steel. Both are non magnetic. Stainless steel reduces long term maintenance costs, is ideal for use in extreme ambient temperatures and is resistant to corrosion.

ALUMINUM (AL)

Aluminum channel offers low installation costs through ease of handling and field cutting, while providing excellent corrosion resistance. All aluminum channels are extruded from aluminum alloy 6063-T6. Strut fittings are made from aluminum alloy 5052-H32.

PLAIN (PL)

The plain finish designation means that the channel retains the oiled surface applied to the steel prior to the rolling process. This channel offers no protection from corrosion.

ELECTRO-PLATED ZINC (EG)

The Electro-plated Zinc process deposits a coating of zinc over the steel by electrolysis from a bath of zinc sales. EG finish is usually recommended for indoor use in relatively dry areas. Unless otherwise noted, the standard finish for all Eristrut fittings and accessories is EG. This finish conforms with ASTM B633 SC1.

FITTINGS

Eristrut fittings, unless otherwise noted, are punch pressed from hot rolled, pickled and oiled steel plates, strip or coil, and conform to ASTM specifications A575, A576, A635 and A36. The pickling of the steel provides a smooth scale-free surface.