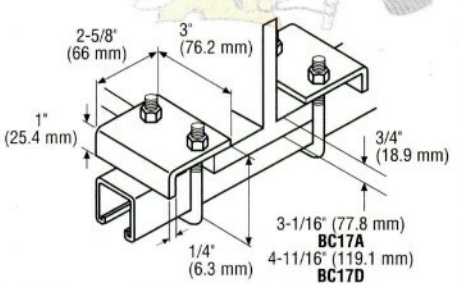
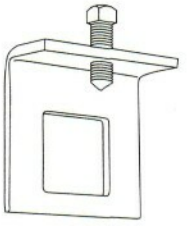
Beam Clamps for Strut

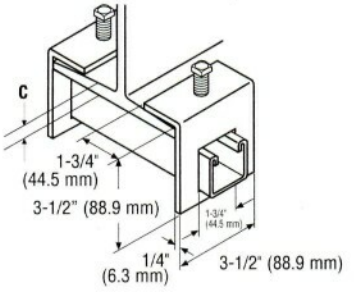
for a better mousetrap see page 110



Sizing Chart

CATALOG NUMBER	C MAX IN	C MAX mm	COATING	QTY. PER BOX	LBS.
BC17A000EG	3/4"	20	EG	25	1200
BC17D000EG	3/4"	20	EG	25	1200
BC17PL00EG	Plate Only				





Sizing Chart

CATALOG NUMBER	C MAX IN	C MAX mm	COATING	QTY. PER BOX	LBS.*
BC16A000EG	7/8"	22	EG	20	740

*When Used in Pairs

A = Flange Width C = Flange Size ∅ = Diameter H = Fastener Height
M = Bolt Size P = Fastener Width PS = Pipe Size Rigid/EMT RS = Rod Size

Read safety instructions and instruction sheets contained in packages before using or applying fastener.

COATINGS

Zinc Electroplate, Electrogalvanized (EG)

ANSI/ASTM B633

This corrosion protective coating is applied after the fabrication of steel or malleable iron parts and uses an electrolytic plating process that deposits zinc up to 0.5 mils. A second passivation coating of chromate is then applied for additional protection.

Zinc electroplate products are recommended for indoor and mildly corrosive applications.

Zinc Phosphate (ZP)

This is the coating system generally used on ERICO CADDY spring steel fasteners. It is a two coating system, where the first coating of crystalline zinc phosphate, of over 1000 milligrams per square foot, is designed to increase the adhesion of the second coating. The second coating consists of a synthetic, organic corrosion inhibitor with a particular affinity for zinc compounds. ERICO rates this fastener finish at 30 hours. Salt spray testing is in accordance with ASTM B117-61, Federal Test Number QQM-151.

NOTE: Black Spring Steel CADDY Fasteners are designed for indoor and non-corrosive environments. Not to be used in certain areas such as over indoor pools, etc. Other finishes are used and may be suitable for indoor and outdoor applications where EMT conduit is used.

Pregalvanized Zinc (PG)

ANSI/ASTM A 525 and 526

Pregalvanized zinc is produced by continuously rolling steel coils or sheets through molten zinc at the mills. The coils or sheets are slit to size and fabricated by forming, shearing or punching to produce the finished product. During fabrication cut edges are not generally zinc coated; however, the zinc near the uncoated metal becomes a sacrificial anode to protect the bare areas.

Pregalvanized zinc products are generally recommended for indoor use on mildly corrosive environments.

Mechanical Galvanized Zinc (EPZ)

ASTM B 695 -90

Mechanical galvanized zinc is a method of depositing zinc using mechanical forces. The resulting layer of zinc is approximately 1 mil (25 microns), is passivated with clear chromate and then sealed with a transparent sealer.

Mechanical galvanized zinc products are recommended for indoor, outdoor and mildly corrosive environments.

Hot Dipped Galvanized Zinc (HDG)

ASTM A123

After a product has finished its fabrication process, it is dipped into a bath of molten zinc. The zinc completely coats all edges and surfaces. Zinc thickness is controlled by the time the part is immersed in the molten zinc bath.

Hot dipped galvanized zinc products are recommended for indoor, outdoor and mildly corrosive environments.

IMPORTANT: For more detailed information on a specific product, application or application environment, please contact ERICO Engineering.