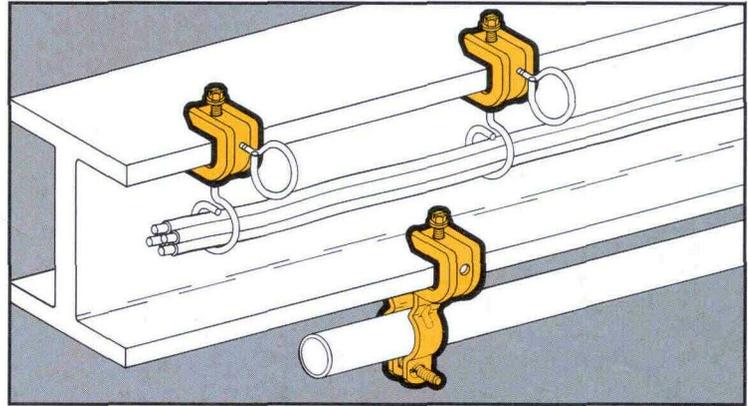


Beam Fasteners

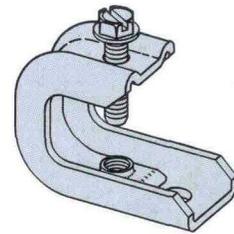
FEATURES

- BC442 fits beam flanges 1/8" to 5/8". BC442-6 fits beam flanges up to 3/4".
- Available with BL1400 series conduit hangers for 1/2" thru 2" EMT, IMC and Rigid conduit.
- Finish: Electroplated
- Static Load Capacity:
BC442 = 100 Lbs.
BC442-6 = 200 Lbs.

APPLICATIONS

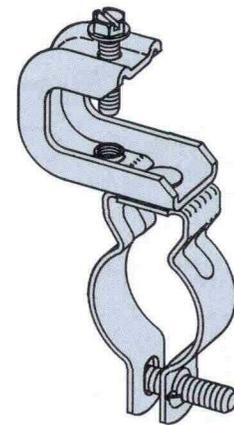


PART NUMBER	DESCRIPTION	UPC NO. 781011	BOX QTY.
BC442	Accepts 1/4"-20 Threaded Rod or 1/4"-20 Threaded Bridle Rings	18278	50
BC442-6	Accepts 3/8"-16 Threaded Rod	04283	50



Beams

PART NUMBER	CONDUIT SIZE		UPC NO. 781011	BOX QTY.
	RIGID	EMT		
BL1400-C442	1/2"	1/2"	19850	50
BL1410-C442	3/4"	3/4"	19851	50
BL1420-C442	1"	1"	19852	50
BL1425-C442	--	1 1/4"	19853	50
BL1430-C442	1 1/4"	1 1/2"	19854	50
BL1440-C442	1 1/2"	--	19855	25
BL1450-C442	2"	2"	19856	25



Read safety/installation instruction sheets in packages before use.

Materials

STEEL	SPECIFICATION
High Carbon Cold Rolled	ASTM A684, AISI 1055
Electrolytic Zinc Coated	ASTM A591
Pre-Galvanized	ASTM A653

STEEL

B-Line's spring steel fasteners are manufactured from spheroidized annealed high carbon cold rolled steel (ASTM A684, AISI 1055). Mild steel fasteners are manufactured from electrolytic zinc coated steel (ASTM A591) or pre-galvanized steel (ASTM A653).

Electrolytic zinc coated and pre-galvanized steel is produced by coating coils of sheet steel with zinc at the mills. These coils are then slit to size and fabricated into B-Line products.

HEAT TREATMENT

B-Line spring steel fasteners are heat treated to make the steel hard and give the parts their spring quality and strength. The hardness for a given fastener depends on the required load carrying capacity and the application.

LOAD DATA

The design load ratings for B-Line fasteners are specified in this catalog as *static load capacity* or *ultimate static load capacity*. By definition, the listed static load capacity has a safety factor of three (3.0), the listed ultimate static load capacity has *no* safety factor. In either case, these stated loads are not to be exceeded, and loads should be applied only as depicted in the catalog and/or installation sheets. The load capacity of a fastener having more than one component is equal to the load capacity of the lowest rated component.

Fasteners having no load ratings are designed for proper placement of boxes, conduit, etc., and not for supporting loads. B-Line fasteners are designed for use with support members (e.g.: angle iron, bar joists, beams, columns, flanges, purlins, wire, rod) that comply with the applicable AISI standards and threaded rod that complies with the applicable ANSI standards.

QUALITY ASSURANCE

B-Line has an established Q.C. program in which raw material and finished products are sampled, inspected and tested by certified inspectors to assure that all applicable standards are met. B-Line's fasteners are manufactured in controlled lots and each part is identified by a lot number stamped into the part. This number allows B-Line to track each step of the manufacturing process including raw material, die set-up, heat treating, and finishing. Samples are tested to verify correct hardness, corrosion resistance and load carrying capacity.