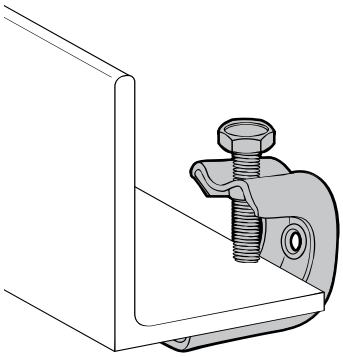
Beam and Purlin Clamps

Beam Clamps

- Supports threaded rod, threaded bridle rings and electrical boxes
- Bright zinc plating
- Supports 100 lbs. static load limit



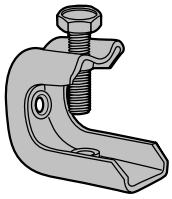


Fig. 1

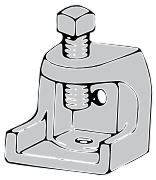
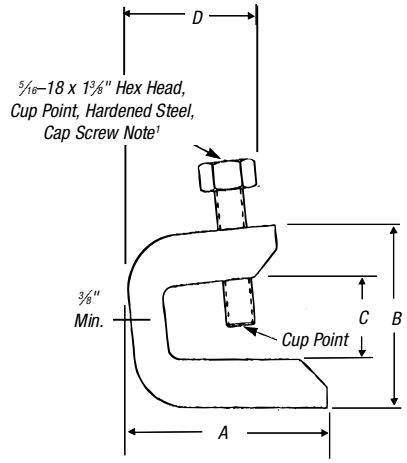


Fig. 2

Malleable Iron, Electro-Plated Finish

CAT. NO.	FIG. NO.	DESCRIPTION	STATIC LOAD LIMIT (LBS.)	STD. CTN.
BC1-TB	1	Steel beam clamp, ¼"–20 threaded openings, fits flanges up to ⅝" thick	75	50
BC2-TB	1	Steel beam clamp, ⅝"–18 threaded openings, fits flanges up to ¾" thick	320	50
510	2	Malleable iron beam clamp, ¼"–20 threaded openings, fits flanges up to ⅝" thick	250	100
511-SC	2	Malleable iron beam clamp, 10–24 threaded openings, fits flanges up to ⅝" thick	250	100
500-SC	2	Malleable iron beam clamp, ¼"–20 threaded openings, fits flanges up to 1⅝" thick	250	50
509	2	Malleable iron beam clamp, 10–24 threaded openings, fits flanges up to ⅝" thick	150	100
501	2	Malleable iron beam clamp, ⅝"–18 threaded openings, fits flanges up to ⅞" thick	500	50
502	2	Malleable iron beam clamp, ⅜"–16 threaded openings, fits flanges up to 1" thick	750	25
503-SC	2	Malleable iron beam clamp, ½"–13 threaded openings, fits flanges up to 1" thick	1,250	20
507	2	Malleable iron beam clamp, ½"–13 threaded openings, fits flanges up to 1⅜" thick	1,250	20
508	2	Malleable iron beam clamp, ½"–13 threaded openings, fits flanges up to 2⅛" thick	1,250	10

Safety Factor of 3. Load Ratings based on bottom hole of Beam Clamp.
CSA File No. LR-63683.



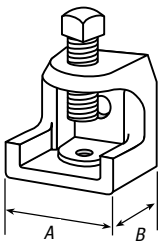
CAT. NO.	SIZE	TAPPED	DIMENSIONS (IN.) A	B	C	D	STD. CTN.
BC1-TB	1	¼–20	1 11/16	1⅜	⅝	1 3/16	250
BC2-TB	2 15/16	⅜–16	2⅛	2 1/16	¾	1 11/16	25

Material: Steel. Finish: Zinc Plated.

Malleable Iron, Silver Electro-Plated Finish

CAT. NO.	BASE SIZE (IN.) A	B	JAW OPENING (IN.)	TAPPING OF BASE AND BACK HOLES	LOAD RATING‡	TORQUE IN INCH-LBS.	STD. CTN.
500-SC	1	1¼	1 5/16	¼–20	250	60	50
501	1½	1⅝	⅞	5/16–18	500	60	50
502	2	2	1	⅜–16	750	125	25
503-SC	2⅝	2½	1	½–13	1,250	250	20
507	2½	2⅜	1⅜	½–13	1,250	250	20
508	2½	2⅜	2⅛	½–13	1,250	250	10
509	1	1¼	1 5/16	10–24	150	60	100
510	2 7/32	1⅛	⅝	¼–20	250	40	100
511-SC	2 7/32	1⅛	⅝	10–24	150	40	100

‡*Safety Factor of 3. Load Ratings based on bottom hole of Beam Clamp.*
CSA File No. LR-63683.



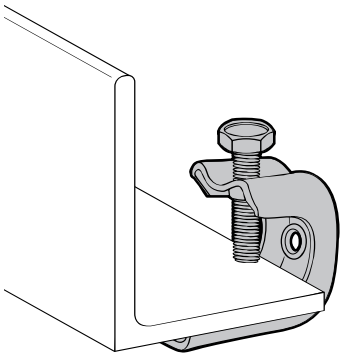
500SS316, 502SS316 and 503SS316 in 316 Stainless Steel also available.

Thomas&Betts
United States
Tel: 901.252.8000
800.816.7809
Fax: 901.252.1354
Technical Services
Tel: 888.862.3289
www.tnb.com

Beam and Purlin Clamps

Beam Clamps

- Supports threaded rod, threaded bridle rings and electrical boxes
- Bright zinc plating
- Supports 100 lbs. static load limit



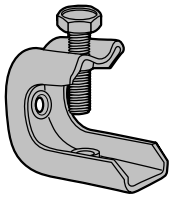


Fig. 1

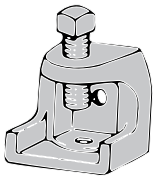
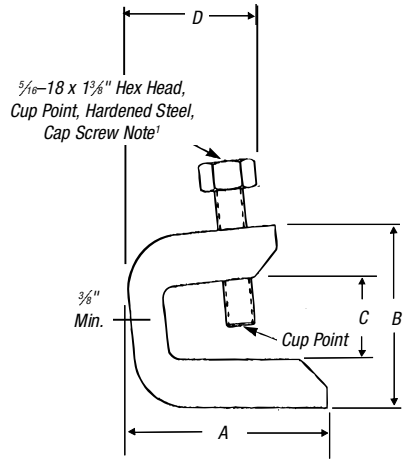


Fig. 2

Malleable Iron, Electro-Plated Finish

CAT. NO.	FIG. NO.	DESCRIPTION	STATIC LOAD LIMIT (LBS.)	STD. CTN.
BC1-TB	1	Steel beam clamp, ¼"–20 threaded openings, fits flanges up to ⅝" thick	75	50
BC2-TB	1	Steel beam clamp, ⅝"–18 threaded openings, fits flanges up to ¾" thick	320	50
510	2	Malleable iron beam clamp, ¼"–20 threaded openings, fits flanges up to ⅝" thick	250	100
511-SC	2	Malleable iron beam clamp, 10–24 threaded openings, fits flanges up to ⅝" thick	250	100
500-SC	2	Malleable iron beam clamp, ¼"–20 threaded openings, fits flanges up to 1⅝" thick	250	50
509	2	Malleable iron beam clamp, 10–24 threaded openings, fits flanges up to ⅝" thick	150	100
501	2	Malleable iron beam clamp, ⅝"–18 threaded openings, fits flanges up to ⅞" thick	500	50
502	2	Malleable iron beam clamp, ⅜"–16 threaded openings, fits flanges up to 1" thick	750	25
503-SC	2	Malleable iron beam clamp, ½"–13 threaded openings, fits flanges up to 1" thick	1,250	20
507	2	Malleable iron beam clamp, ½"–13 threaded openings, fits flanges up to 1⅜" thick	1,250	20
508	2	Malleable iron beam clamp, ½"–13 threaded openings, fits flanges up to 2⅛" thick	1,250	10

Safety Factor of 3. Load Ratings based on bottom hole of Beam Clamp.
CSA File No. LR-63683.



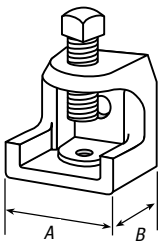
CAT. NO.	SIZE	TAPPED	DIMENSIONS (IN.) A	B	C	D	STD. CTN.
BC1-TB	1	¼–20	1 11/16	1⅜	⅝	1 3/16	250
BC2-TB	2 15/16	⅜–16	2⅛	2 1/16	¾	1 11/16	25

Material: Steel. Finish: Zinc Plated.

Malleable Iron, Silver Electro-Plated Finish

CAT. NO.	BASE SIZE (IN.) A	B	JAW OPENING (IN.)	TAPPING OF BASE AND BACK HOLES	LOAD RATING‡	TORQUE IN INCH-LBS.	STD. CTN.
500-SC	1	1¼	1 5/16	¼–20	250	60	50
501	1½	1⅝	⅞	5/16–18	500	60	50
502	2	2	1	⅜–16	750	125	25
503-SC	2⅝	2½	1	½–13	1,250	250	20
507	2½	2⅜	1⅜	½–13	1,250	250	20
508	2½	2⅜	2⅛	½–13	1,250	250	10
509	1	1¼	1 5/16	10–24	150	60	100
510	2 7/32	1⅛	⅝	¼–20	250	40	100
511-SC	2 7/32	1⅛	⅝	10–24	150	40	100

‡*Safety Factor of 3. Load Ratings based on bottom hole of Beam Clamp.*
CSA File No. LR-63683.



500SS316, 502SS316 and 503SS316 in 316 Stainless Steel also available.

Thomas&Betts
United States
Tel: 901.252.8000
800.816.7809
Fax: 901.252.1354
Technical Services
Tel: 888.862.3289
www.tnb.com