



PREFORMED LINE PRODUCTS
The connection you can count on.

Line Hardware

February 2021



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Introduction

Welcome!

This catalog includes PLP's Line Hardware for the Canadian market. Most entries are based on the Canadian Standards Association (CSA Group) C83-17 "Communication and power line hardware".

- Charpy rated parts per CSA C83
 - o Charpy Level 1: Minimum energy absorption of 20 Joules at -20°C
 - o Charpy Level 1.5: Minimum energy absorption of 27 Joules at -30°C
 - o Charpy Level 2: Minimum 50% shear fracture at -45°C
- Galvanized parts are hot dip galvanized per CSA G164 (latest issue). Dimensions are given as final after galvanizing.
- Reference CSA C83 annex F for strength rating definitions.

PLP can design custom yoke plates of various shapes, sizes, strengths, thicknesses and hole spacings. We can also work with hardware string set designs and provide an arrangement using PLP hardware.

PLP has significant engineering and testing capabilities in Canada and the USA. If you don't see the product you are looking for, please consider reaching out to us with an inquiry. We may have something in process, or we may be able to work together to produce exactly what is required.

For more information about Preformed Line Products, visit our website:

www.preformed.ca

Contact email:

sales@preformed.ca

C83 Item Standards and Related PLP Parts

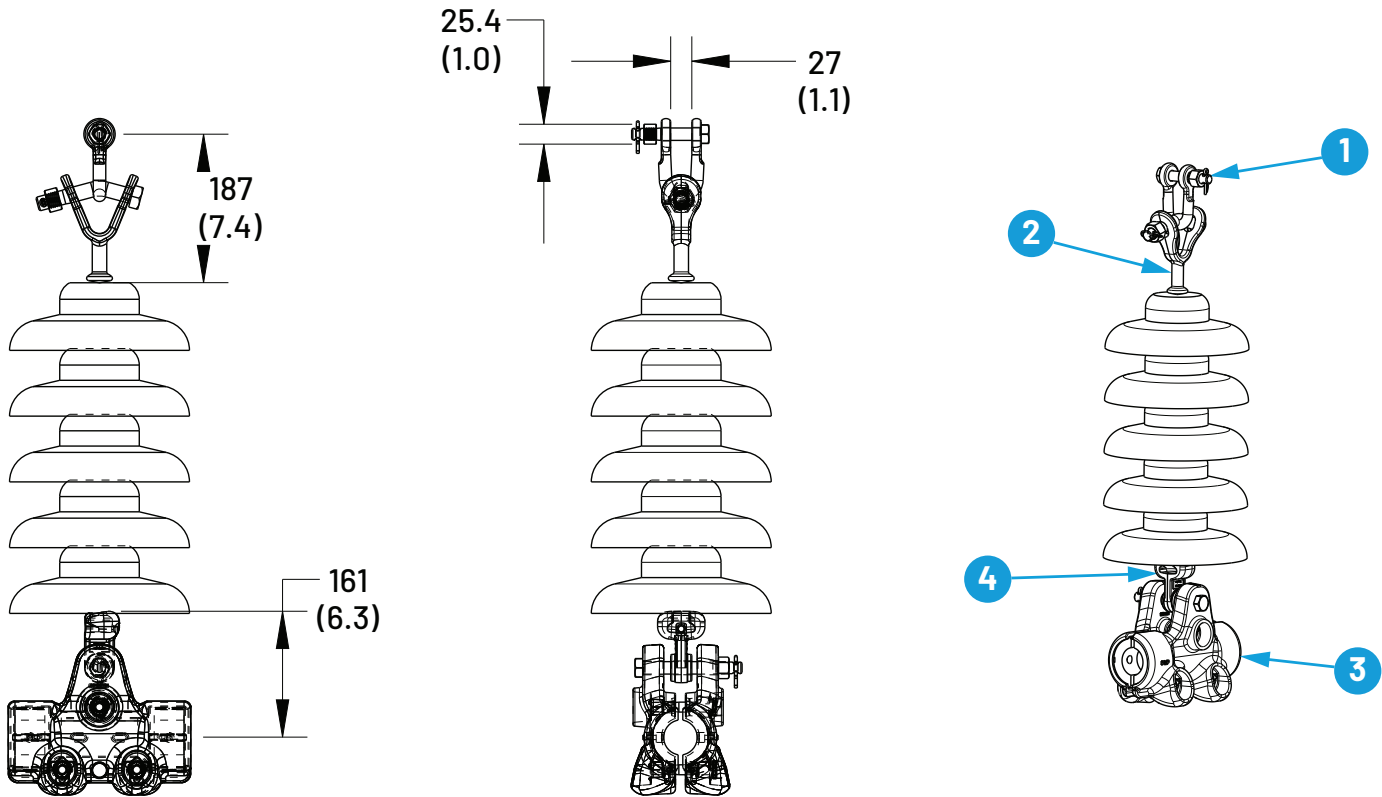
ITEM STANDARD	SUBJECT	RELATED PLP PARTS
C83.30	Square washer	Square Washers: Flat
C83.31	Curved square washer	Square Washers: Curved
C83.36	Stand-off insulator bracket	Standoff Bracket
C83.37	Line U-bolt	U-Bolt Assemblies
C83.38	Ball clevis fitting	Ball Clevis
C83.39	Ball-eye	Ball Eye
C83.44	Sidewalk guy fixture	Sidewalk Guy Fittings
C83.49	Strain link	Strain Link
C83.51	Messenger suspension clamp	Cable Suspension Clamp
C83.52	Guy clamp	Guy Clamp
C83.65	Oval eye bolt	Bolt: Oval Eye
C83.67	Shoulder eye bolt	Bolt: Shoulder Eye
C83.68	Ball link eye bolt	Bolt: Ball Link Y-Eye
C83.69	Guy guard	PLP website link: Guy Guards
C83.79	Pole guard	Pole Guard
C83.80	Drive hook	Drive Hook
C83.82	Extension link	Extension Link
C83.84	Eye nut	Oval Eye Nut
C83.85	Clevis nut	Clevis Nut
C83.87	Guy strain plate	Strain Plate

ITEM STANDARD	SUBJECT	RELATED PLP PARTS
C83.88	Straight crossarm insulator pin	Straight Crossarm Insulator Pin
C83.98	Thimble eye nut	Thimble Eye Nut
C83.100	Guy attachment	Guy Hook
C83.105	Neutral conductor bracket	Tie Top Neutral Wire Bracket
C83.113	Chain link	Chain Link
C83.115	Shackle	Shackle
C83.119	Socket ball fitting	Ball Socket, Hotline
C83.120	Socket eye fitting	Socket Eye
C83.121	Socket clevis fitting	Socket Clevis
C83.125	Thimble clevis	Thimble Clevis
C83.126	Triangular yoke plate	Yoke Plate - YP-TRIXXXX
C83.128	Turnbuckle	Turnbuckles
C83.129	Steel strand grip	PLP website link: Guy Grips
C83.133	Oval-eye ball fitting	Oval Ball Eye
C83.134	Ball Y-clevis fitting	Ball Y-Clevis
C83.139	Deadend tee	Curved Base Dead-End Tee
C83.141	Sag adjuster	Sag Adjustment Assembly
C83.143	Guy tee	Curved Base Dead-End Tee

Tangent Suspension Single Conductor (220-240kV)

Note: Insulators are not included

mm (in.)



ITEM	DESCRIPTION	PART #	QTY
1	Anchor Shackle	AS-133C	1
2	Ball Y-Clevis	BYC-120C	1
3	Cushion Grip Suspension	CGS-XXXXC (refer to Energy catalog)	1
4	Socket Eye	SE-5154C	1

CATALOG #	
H-1410068	
ALUMINUM-BASED CONDUCTOR RANGE	
MM	IN
7.9-50.8	0.312-2.001

[Click on PART # to view product page or see contents page.](#)

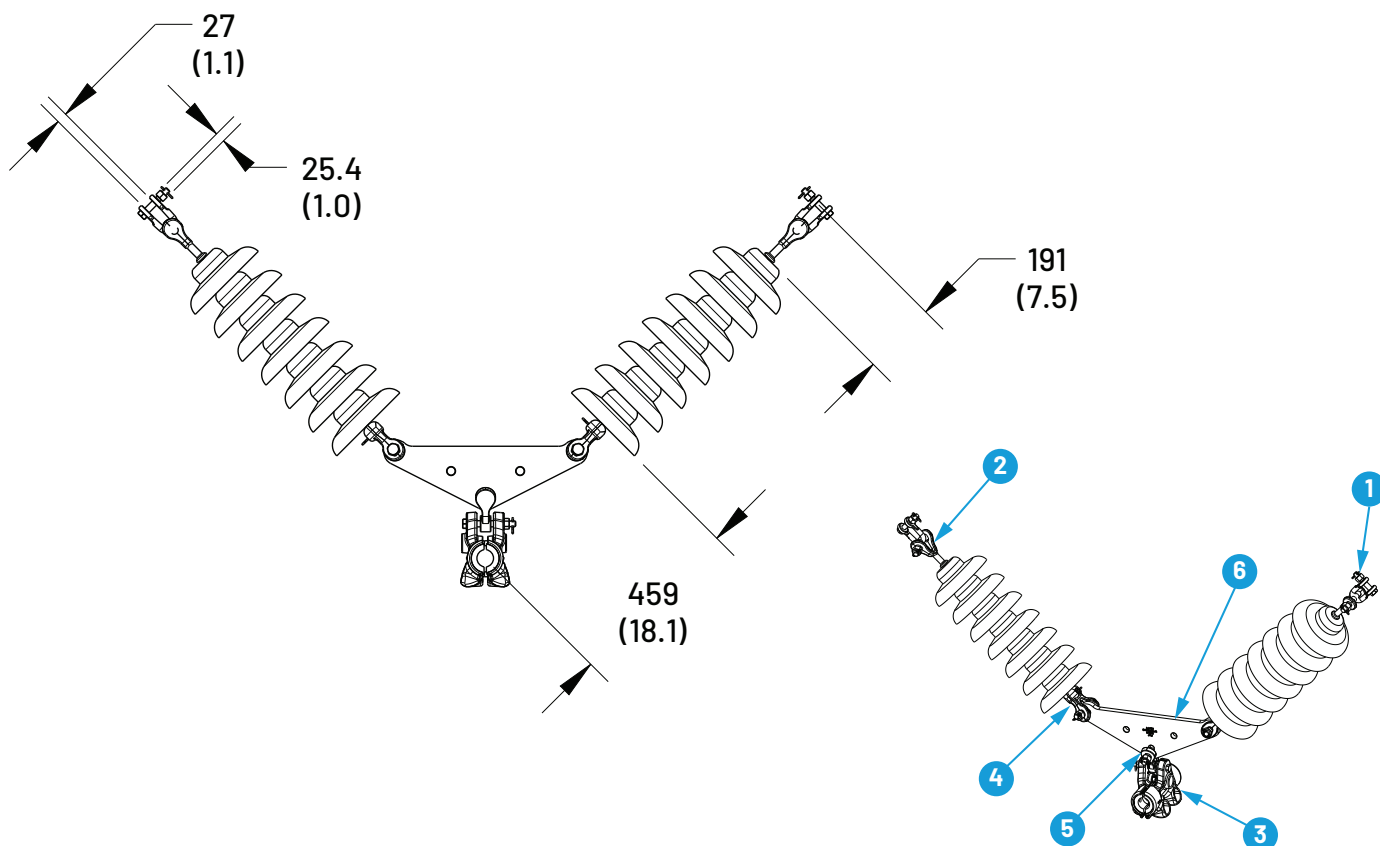
Please specify your conductor size when you place your order.

All parts meet Charpy Level 1 specifications (for Charpy Level specifications, see page 3 or [click here](#)).

Tangent Suspension Single Conductor V-String (220-240kV)

Note: Insulators are not included

mm (in.)



ITEM	DESCRIPTION	PART #	QTY
1	Anchor Shackle	AS-133C	2
2	Ball Y-Clevis	BYC-120C	2
3	Cushion Grip Suspension	CGS-XXXXC (refer to Energy catalog)	1
4	Socket Y-Clevis	SYC-120C	2
5	Y-Clevis	YC-5209C	1
6	Yoke Plate	YP-5908C	1

CATALOG #
H-1410069

ALUMINUM-BASED CONDUCTOR RANGE	
MM	IN
7.9-50.8	0.312-2.001

[Click on PART # to view product page or see contents page.](#)

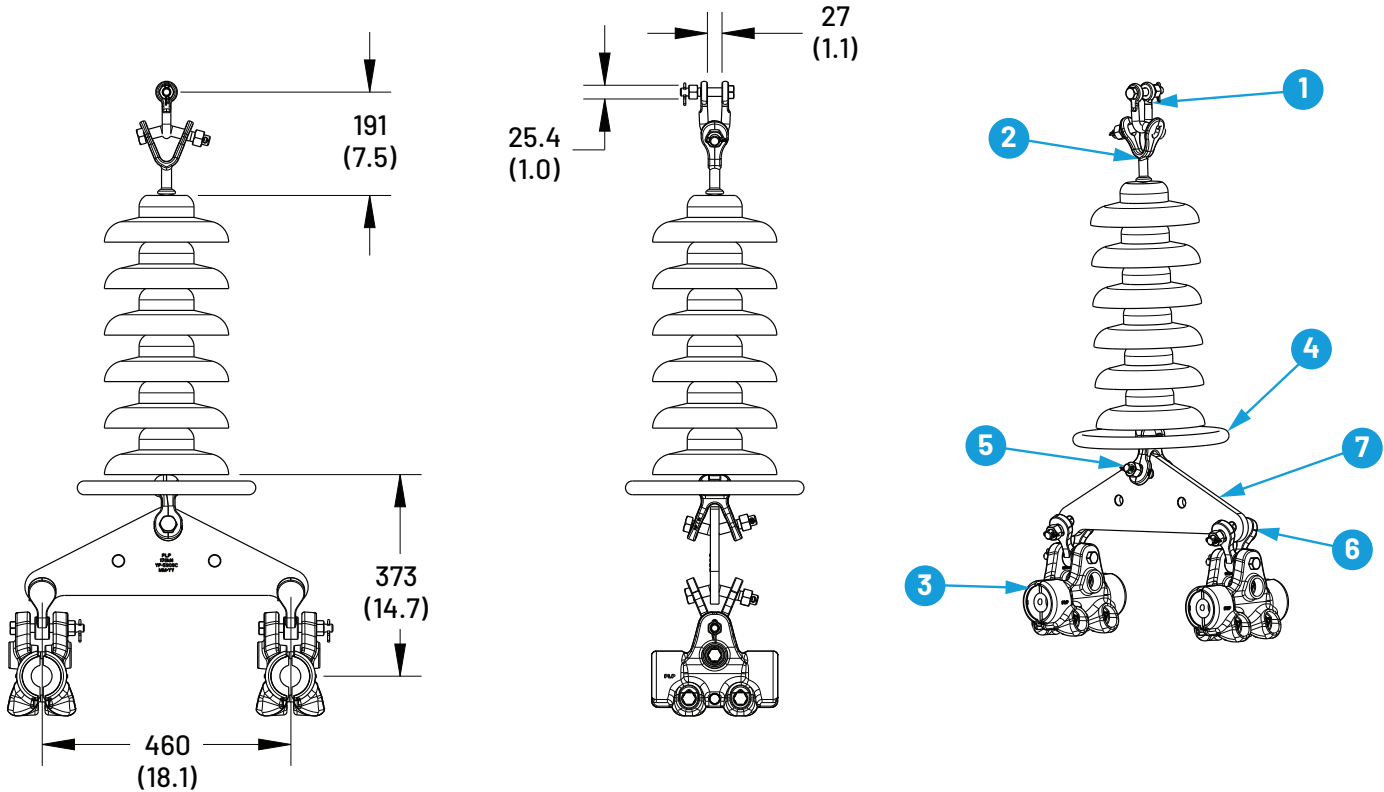
Please specify your conductor size when you place your order.

All parts meet Charpy Level 1 specifications (for Charpy Level specifications, see page 3 or [click here](#)).

EHV Tangent Suspension Double Conductor (330-345kV)

Note: Insulators are not included

mm (in.)



ITEM	DESCRIPTION	PART #	QTY
1	Anchor Shackle	AS-133C	1
2	Ball Y-Clevis	BYC-120C	1
3	Cushion Grip Suspension	CGS-XXXXC (refer to Energy catalog)	2
4	Corona Ring	CORONA-RING-TBD1	1
5	Socket Y-Clevis	SYC-120C	1
6	Y-Clevis	YC-5209C	2
7	Yoke Plate	YP-5908C	1

CATALOG #	
H-1410070	
ALUMINUM-BASED CONDUCTOR RANGE	
MM	IN
39.2-50.8	1.546-2.001

[Click on PART # to view product page or see contents page.](#)

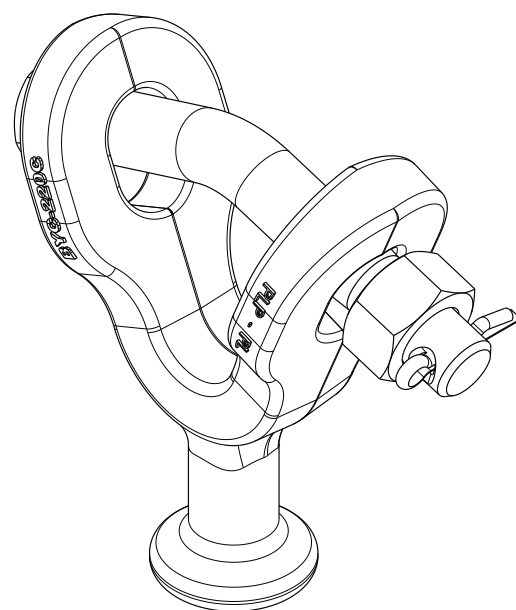
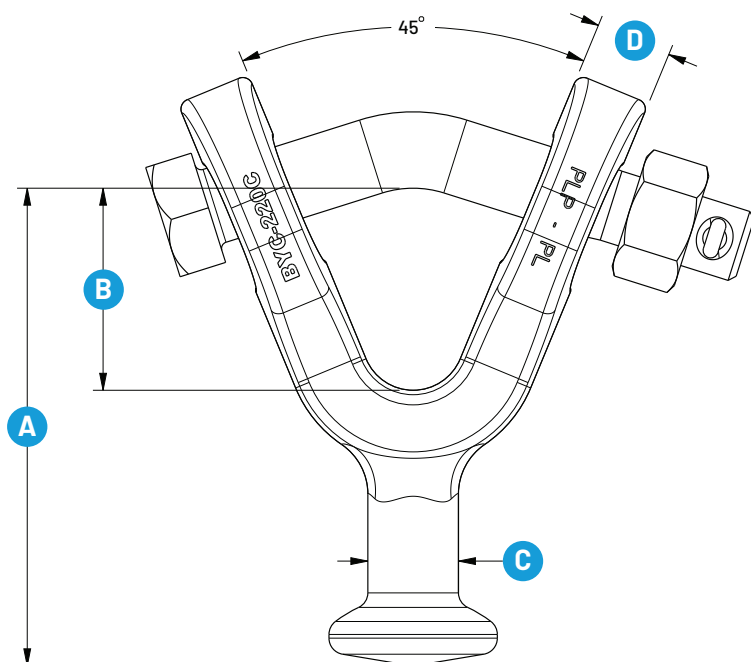
Please specify your conductor size when you place your order.

All parts meet Charpy Level 1 specifications (for Charpy Level specifications, see page 3 or [click here](#)).

Ball Y-Clevis

Ball Y-Clevis fittings are used to attach ball and socket insulators to associated hardware within an insulator string. The bent bolt on the Y section allows for additional articulation within the assembly.

mm (in.)



CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	D MM (IN)	ANSI CLASS	CSA STANDARD	BOLT Ø IN	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
BYC-120C	110 (4.3)	47 (1.9)	18.5 (0.7)	11 (0.4)	52-3 52-5	CS-3 CS-5	3/4	120 (27,000)	138 (31,000)	1.0 (2.2)
BYC-220C	118 (4.6)	49 (1.9)	23 (0.9)	19 (0.7)	52-8 52-11	CS-8 CS-11	3/4	220 (49,500)	253 (56,900)	2.7 (6.0)

BYC-XXXX meets Charpy Level 1 specifications.

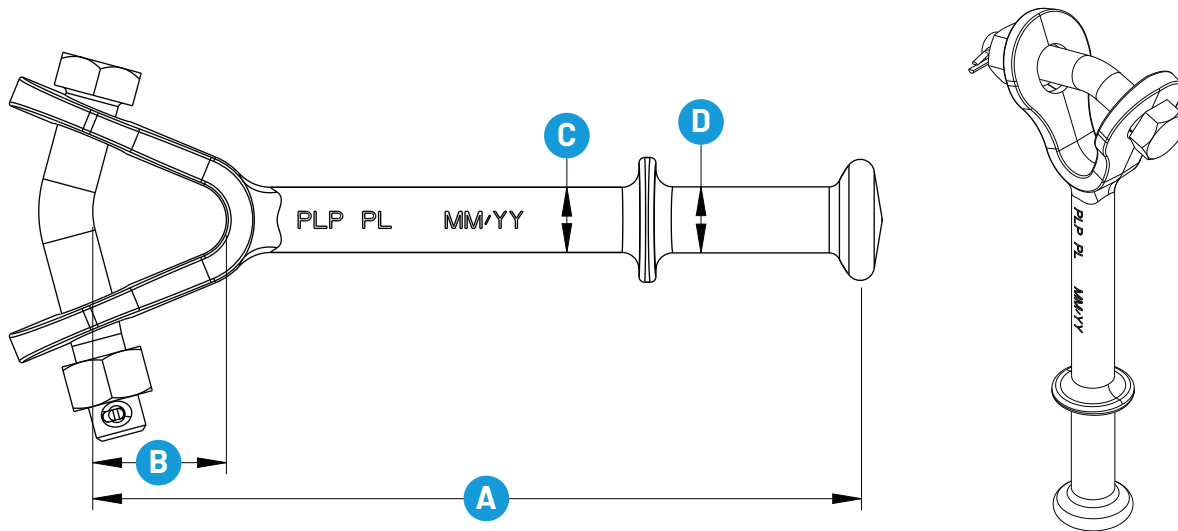
Add -L2 suffix (BYC-XXXX-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel
Bolt	Galvanized Steel
Cotter Pin	Stainless Steel

Ball Y-Clevis - Hotline

Hotline Ball Y-Clevises are used to attach ball and socket insulators to other associated hardware within an insulator string. Shoulders are provided to accommodate hotline tools and the bent bolt in the Y-section provides an additional point of articulation within an assembly.

mm (in.)



CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	D MM (IN)	ANSI CLASS	CSA STANDARD	BOLT Ø IN	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
HLBYC-120C	276 (10.9)	47 (1.9)	23 (0.9)	19 (0.7)	52-3 52-5	CS-3 CS-5	3/4	120 (27,000)	138 (31,000)	1.5 (3.3)
HLBYC-220C	278 (10.9)	47 (1.9)	23 (0.9)	23 (0.9)	52-8 52-11	CS-8 CS-11	3/4	220 (49,500)	253 (56,900)	1.7 (3.7)
HLBYC-220C-01	275 (10.8)	48 (1.9)	23 (0.9)	23 (0.9)	52-8 52-11	CS-8 CS-11	7/8	220 (49,500)	253 (56,900)	1.7 (3.7)

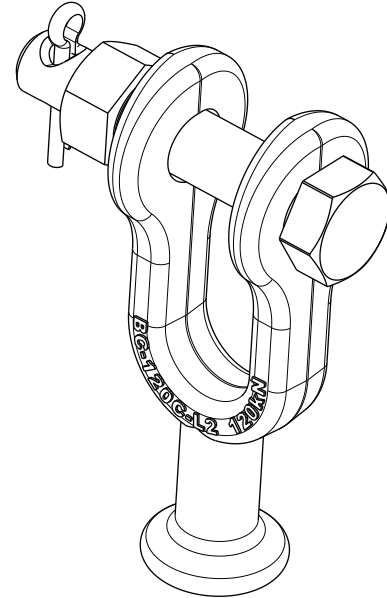
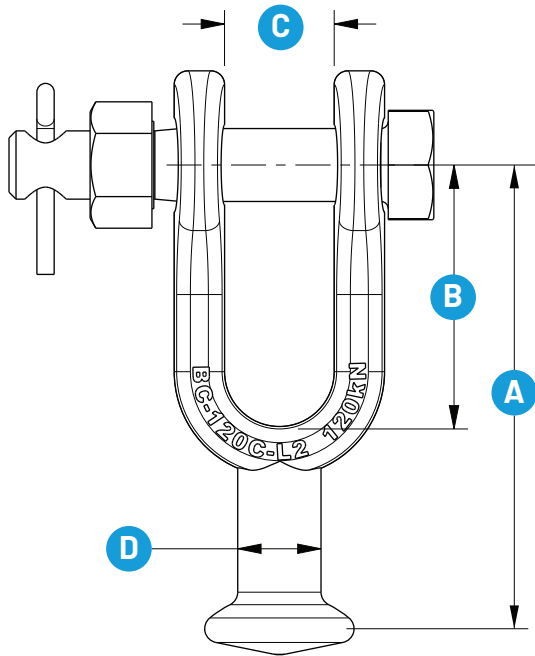
HLBYC-XXXC meets Charpy Level 1 specifications.

Add -L2 suffix (HLBYC-XXXC-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or [click here](#)).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel
Bolt	Galvanized Steel
Cotter Pin	Stainless Steel

Ball Clevis

mm (in.)



CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	D MM (IN)	ANSI CLASS	CSA STANDARD	BOLT Ø IN	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
BC-120C	101 (4.0)	57 (2.2)	24 (0.9)	18 (0.7)	52-3 52-5	CS-3 CS-5	5/8	120 (26,900)	138 (31,000)	1.0 (2.3)
BC-220C	119 (4.7)	49 (1.9)	24 (0.9)	23 (0.9)	52-8 52-11	CS-8 CS-11	3/4	220 (50,000)	253 (56,800)	1.8 (4.0)

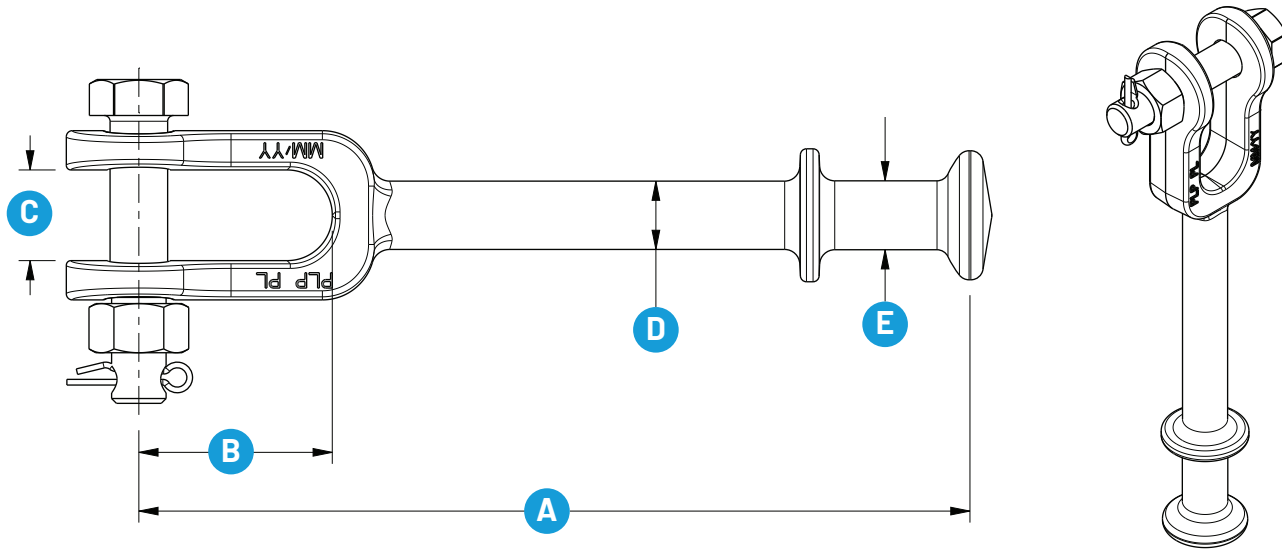
BC-XXXC meets Charpy Level 1 specifications.

Add -L2 suffix (BC-XXXC-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel
Bolt	Galvanized Steel
Cotter Pin	Stainless Steel

Ball Clevis - Hotline

mm (in.)

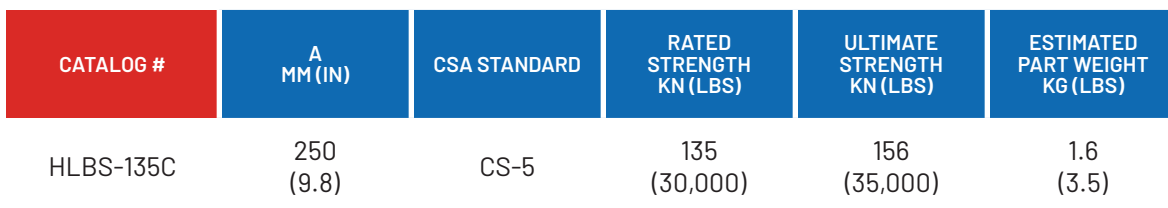


CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	D MM (IN)	E MM (IN)	ANSI CLASS	CSA BALL STANDARD	BOLT Ø IN	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
HLBC-120C	261 (10.3)	58 (2.3)	27 (1.1)	22.5 (0.9)	18.5 (0.7)	52-3 52-5	CS-3 CS-5	5/8	120 (27,000)	138 (31,000)	1.2 (2.6)
HLBC-120C-01	261 (10.3)	58 (2.3)	27 (1.1)	22.5 (0.9)	18.5 (0.7)	52-3 52-5	CS-3 CS-5	3/4	120 (27,000)	138 (31,000)	1.2 (2.6)
HLBC-220C	275 (10.8)	64 (2.5)	30 (1.2)	22.6 (0.9)	22.8 (0.9)	52-8 52-11	CS-8 CS-11	3/4	220 (49,500)	253 (56,800)	1.6 (3.5)
HLBC-220C-01	275 (10.8)	64 (2.5)	30 (1.2)	22.6 (0.9)	22.8 (0.9)	52-8 52-11	CS-8 CS-11	7/8	220 (49,500)	253 (56,800)	1.9 (4.2)

HLBC-XXXC meets Charpy Level 1 specifications.

Add -L2 suffix (HLBC-XXXC-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or [click here](#)).

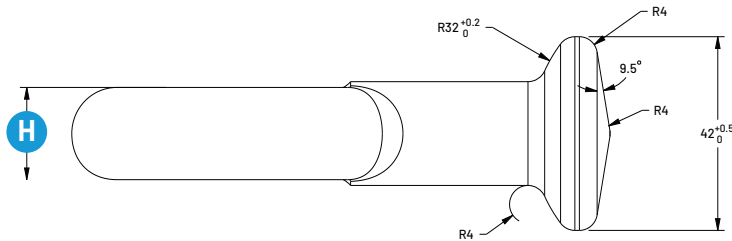
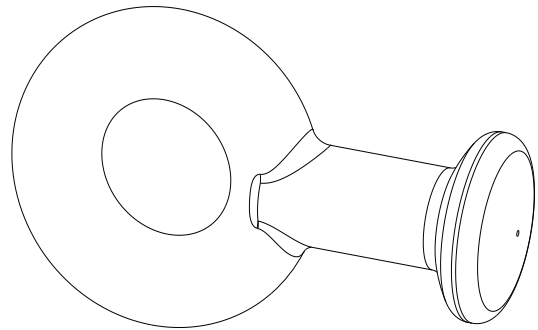
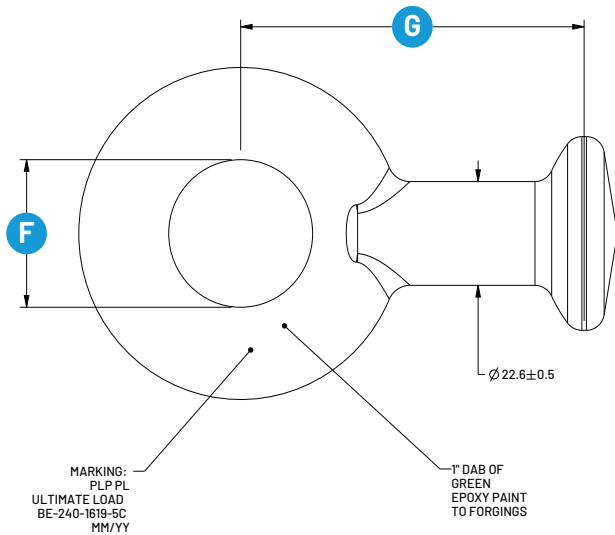
COMPONENT	MATERIAL
Body	Forged Galvanized Steel
Bolt	Galvanized Steel
Cotter Pin	Stainless Steel



COMPONENT	MATERIAL
Body	Forged Galvanized Steel

Ball Eye

mm (in.)



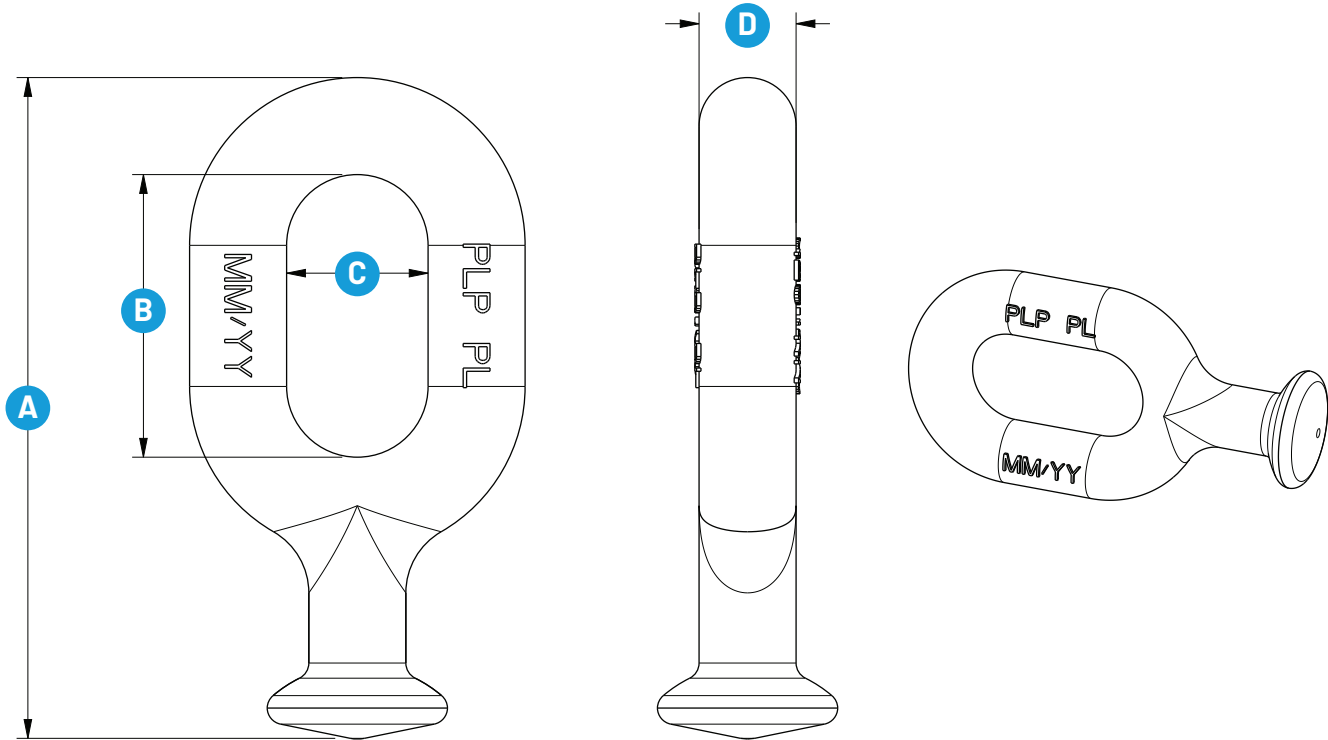
CATALOG #	F MM (IN)	G MM (IN)	H MM (IN)	HARDWARE TYPE	ANSI CLASS	CSA STANDARD	YIELD LOAD KN (LBS)	ULTIMATE LOAD KN (LBS)	ESTIMATED PART WEIGHT KG (LBS)
BE-240-1530-6C	27 (1.1)	60 (2.4)	15 (0.6)	B	52-3 52-5	CS-3 CS-5	90 (20,233)	135 (30,349)	1.2 (2.6)
BE-240-A083-0C	27 (1.1)	100 (3.9)	17 (0.7)	J	52-3 52-5	CS-3 CS-5	90 (20,233)	135 (30,349)	1.2 (2.6)
BE-240-1619-5C	32 (1.3)	75 (3.0)	20 (0.8)	K	52-8 52-11	CS-8 CS-11	155 (34,845)	255 (50,582)	1.6 (3.5)

BE-240-XXXX-XC meets Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or [click here](#)).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel

Oval Ball Eye

mm (in.)



CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	D MM (IN)	ANSI CLASS	CSA STANDARD	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
OBE-120C	119 (4.7)	51 (2.0)	25 (1.0)	18 (0.7)	52-3 52-5	CS-3 CS-5	120 (27,000)	138 (31,000)	0.5 (1.0)

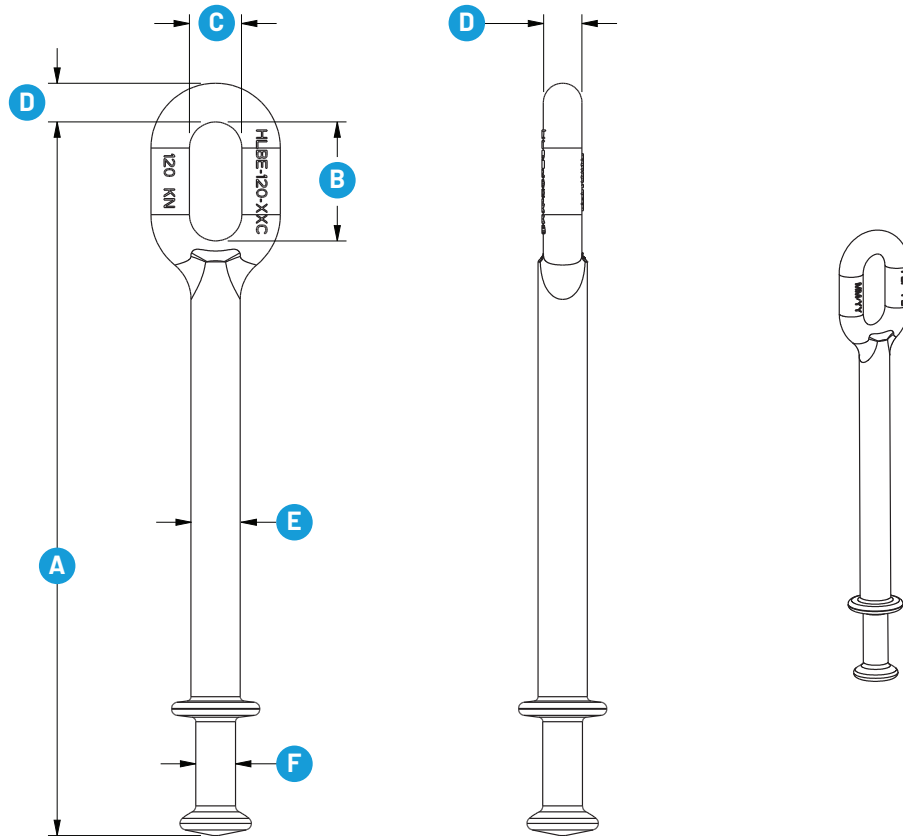
OBE-XXXC meets Charpy Level 1 specifications.

Add -L2 suffix (OBE-XXXC-L)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel

Ball Eye - Hotline

mm (in.)



HLBE-XXX-XXC

STRENGTH RATING (kN)

LENGTH (in)

CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	D MM (IN)	E MM (IN)	F MM (IN)	ANSI CLASS	CSA STANDARD	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
HLBE-120-12C	305 (12)	51 (2.0)	25 (1.0)	18 (0.7)	23 (0.9)	18 (0.7)	52-3 52-5	CS-3 CS-5	120 (27,000)	138 (31,000)	1.0 (2.2)

HLBE-XXXC meets Charpy Level 1 specifications.

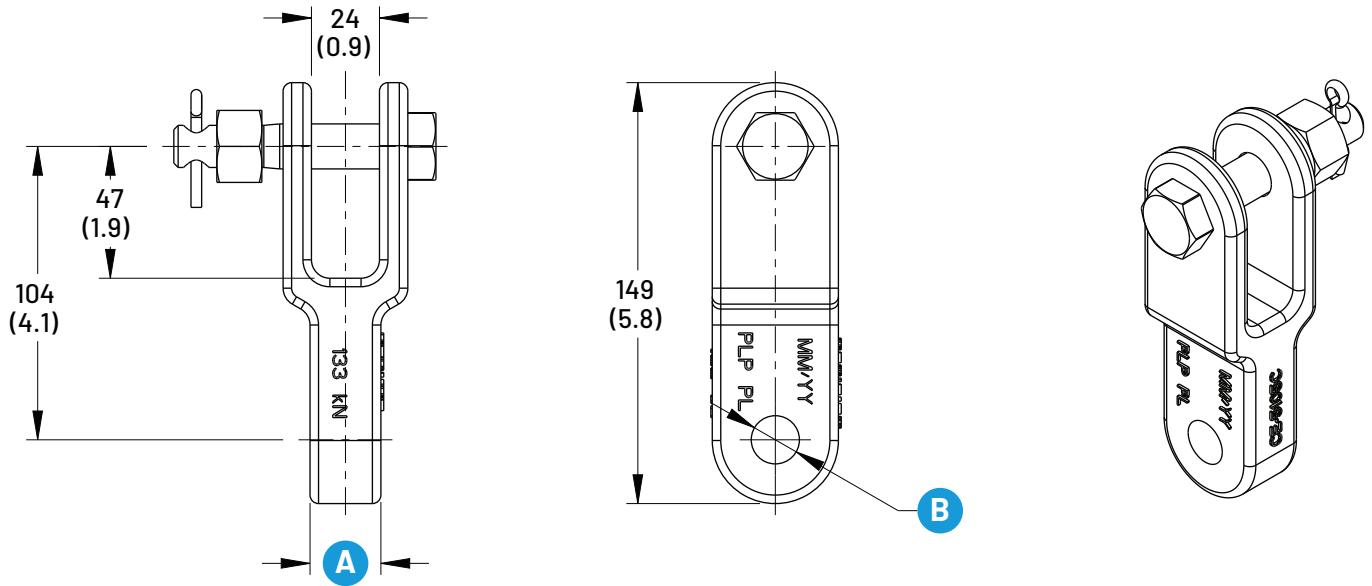
Add -L2 suffix (HLBE-XXXC-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel

Clevis Eye

Clevis eyes are used to attach clamps to yoke plates and clevis tongue insulators.

mm (in.)



CATALOG #	A MM (IN)	B MM (IN)	BOLT Ø IN	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
CE-5105C	25 (1.0)	21 (0.8)	5/8	133 (29,900)	153 (34,400)	1.3 (2.9)
CE-5259C	13 (0.5)	17 (0.7)	5/8	120 (27,000)	138 (31,000)	1.1 (2.4)
CE-5261C	19 (0.7)	17 (0.7)	5/8	120 (27,000)	138 (31,000)	1.2 (2.6)
CE-9027C	32 (1.3)	17 (0.7)	5/8	120 (27,000)	138 (31,000)	1.1 (2.5)
CE-9028C	44.5 (1.8)	17 (0.7)	5/8	120 (27,000)	138 (31,000)	1.5 (3.2)
CE-9029C	57 (2.2)	17 (0.7)	5/8	120 (27,000)	138 (31,000)	1.9 (4.2)

CE-XXXXC meets Charpy Level 1 specifications.

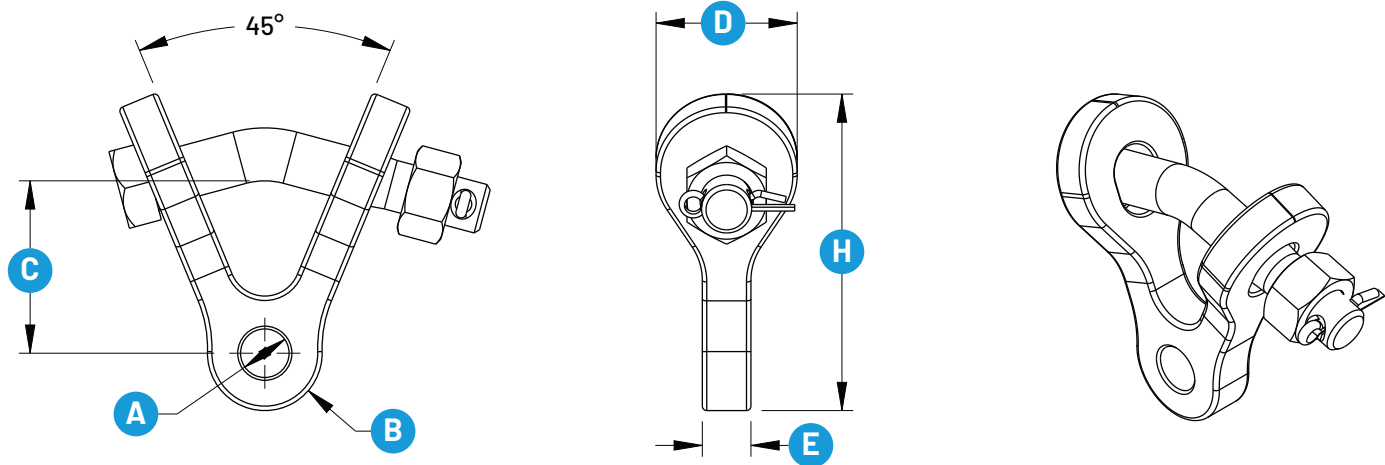
Add -L2 suffix (CE-XXXXC-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel
Bolt	Galvanized Steel
Cotter Pin	Stainless Steel

Y-Clevis Eye

Y-Clevis Eyes are used primarily to attach clamps to Tower Pads and Yoke Plates.

mm (in.)



CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	D MM (IN)	E MM (IN)	H MM (IN)	BOLT Ø IN	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
YC-5206C	18 (0.7)	41 (1.6)	62 (2.4)	51 (2.0)	15 (0.6)	114 (4.5)	3/4	120 (26,900)	138 (31,000)	1.0 (2.2)
YC-5207C	18 (0.7)	41 (1.6)	61 (2.4)	51 (2.0)	18 (0.7)	114 (4.5)	3/4	120 (26,900)	138 (31,000)	1.0 (2.2)
YC-5209C	21 (0.8)	41 (1.6)	61 (2.4)	51 (2.0)	27 (1.1)	114 (4.5)	3/4	120 (26,900)	138 (31,000)	1.1 (2.4)
YC-9032C	18 (0.7)	41 (1.6)	61 (2.4)	51 (2.0)	32 (1.3)	114 (4.5)	3/4	120 (26,900)	138 (31,000)	1.2 (2.6)
YC-9033C	18 (0.7)	41 (1.6)	61 (2.4)	51 (2.0)	44.5 (1.8)	114 (4.5)	3/4	120 (26,900)	138 (31,000)	1.5 (3.3)
YC-9034C	18 (0.7)	41 (1.6)	61 (2.4)	51 (2.0)	57 (2.2)	114 (4.5)	3/4	120 (26,900)	138 (31,000)	1.9 (4.1)

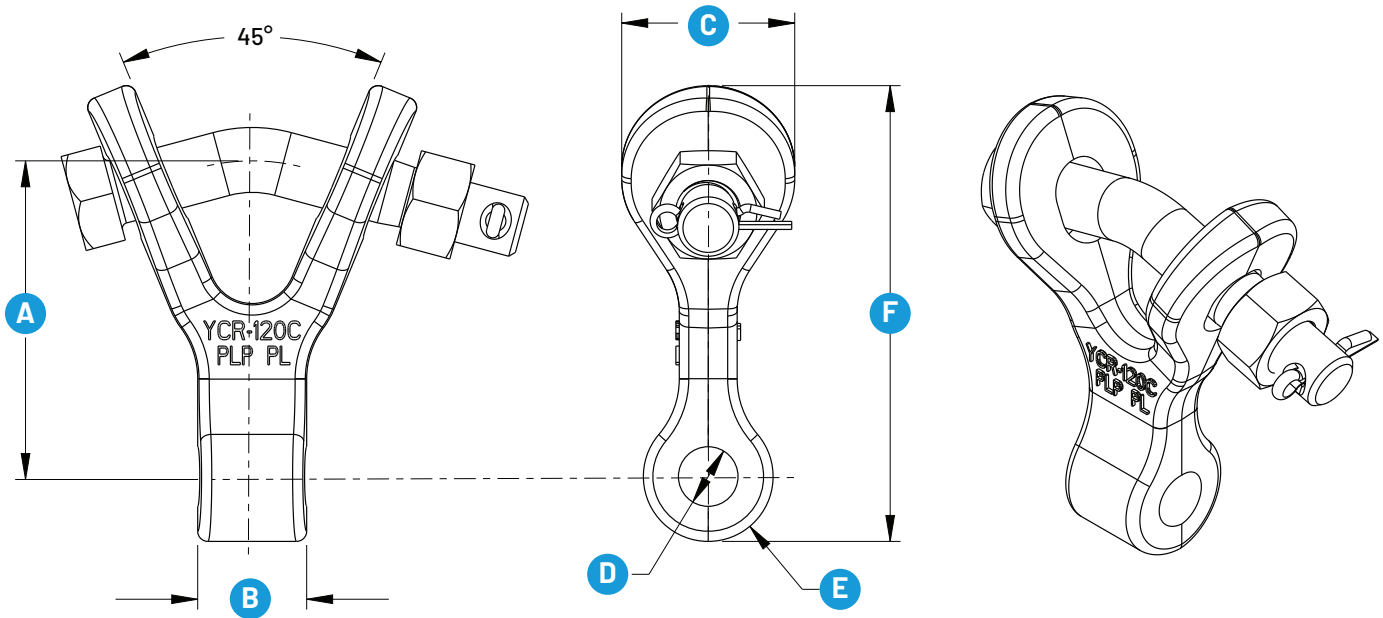
YC-52XXC meets Charpy Level 1 specifications.

Add -L2 suffix (YC-52XXC-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel
Bolt	Galvanized Steel
Cotter Pin	Stainless Steel

Y-Clevis: Rotated

mm (in.)



CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	D MM (IN)	E MM (IN)	F MM (IN)	BOLT Ø IN	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
YCR-120C	84 (3.3)	32 (1.3)	51 (2.0)	18 (0.7)	38 (1.5)	134 (5.3)	3/4	120 (26,900)	138 (31,000)	2.0 (4.3)
YCR-154C	88 (3.5)	32 (1.3)	51 (2.0)	21 (0.8)	38 (1.5)	134 (5.3)	7/8	154 (34,620)	177 (40,000)	2.6 (5.7)

YCR-1XXC meets Charpy Level 1 specifications.

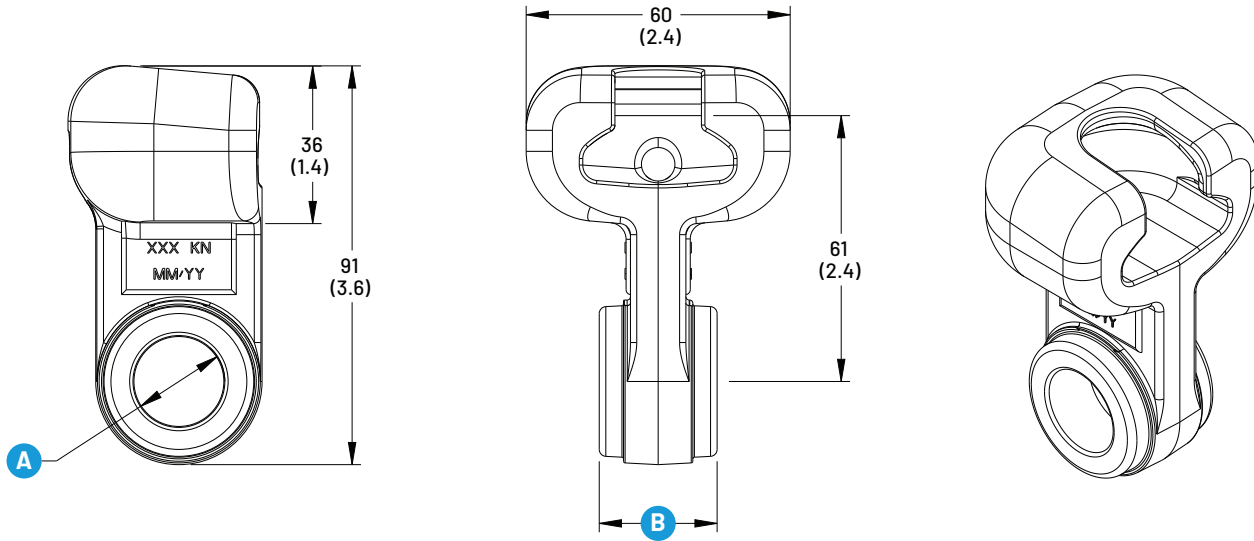
Add -L2 suffix (YCR-1XXC-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel
Bolt	Galvanized Steel
Cotter Pin	Stainless Steel

Socket Eye

Socket Eyes are designed to be used with Suspension and Dead-End Clamps.

mm (in.)



CATALOG #	A MM (IN)	B MM (IN)	ANSI CLASS	CSA STANDARD	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
SE-5150C	18 (0.7)	13 (0.5)	52-3•52-5	CS-3•CS-5	135 (30,300)	156 (35,000)	0.6 (1.3)
SE-9020C	18 (0.7)	16 (0.6)	52-3•52-5	CS-3•CS-5	135 (30,300)	156 (35,000)	0.6 (1.3)
SE-5152C	18 (0.7)	19 (0.8)	52-3•52-5	CS-3•CS-5	135 (30,300)	156 (35,000)	0.6 (1.3)
SE-5152C-75	21 (0.8)	19 (0.8)	52-3•52-5	CS-3•CS-5	135 (30,300)	156 (35,000)	0.6 (1.3)
SE-5154C	18 (0.7)	27 (1.1)	52-3•52-5	CS-3•CS-5	135 (30,300)	156 (35,000)	0.7 (1.5)
SE-5154C-75	21 (0.8)	27 (1.1)	52-3•52-5	CS-3•CS-5	135 (30,300)	156 (35,000)	0.6 (1.3)
SE-9023C	18 (0.7)	44.5 (1.8)	52-3•52-5	CS-3•CS-5	135 (30,300)	156 (35,000)	0.7 (1.5)
SE-9023C-01	18 (0.7)	37 (1.5)	52-3•52-5	CS-3•CS-5	135 (30,300)	156 (35,000)	0.7 (1.5)
SE-9024C	18 (0.7)	54 (2.1)	52-3•52-5	CS-3•CS-5	135 (30,300)	156 (35,000)	0.7 (1.5)
SE-5155C	21 (0.8)	54 (2.1)	52-3•52-5	CS-3•CS-5	135 (30,300)	156 (35,000)	0.7 (1.5)

SE-XXXXC meets Charpy Level 1 specifications.

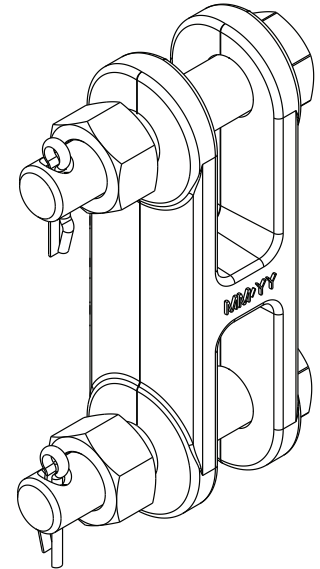
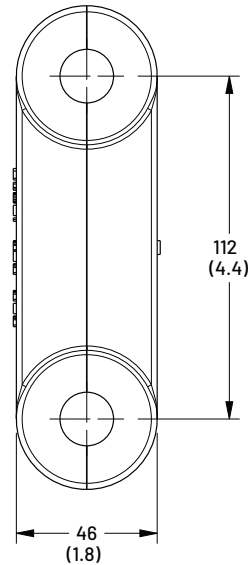
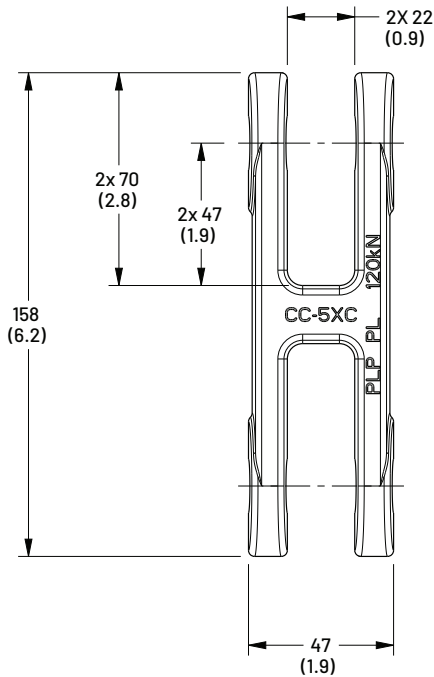
Add -L2 suffix (SE-XXXXC-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel
Cotter Pin	Stainless Steel

Clevis-Clevis CC-5XC

Clevis-Clevis fittings are generally used to attach clevis tongue insulators to associated hardware in an insulator string.

mm (in.)



CATALOG #	BOLT Ø IN	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
CC-55C	3/4	120 (27,000)	138 (31,000)	1.9 (4.2)
CC-56C	5/8	120 (27,000)	138 (31,000)	1.2 (2.6)

CC-5XC meets Charpy Level 1 specifications.

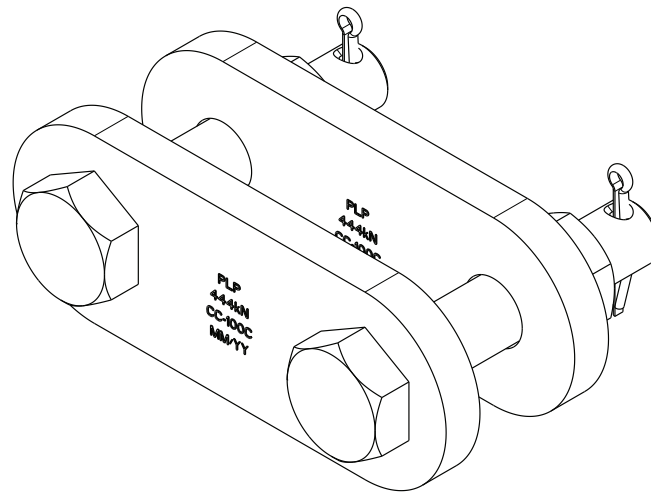
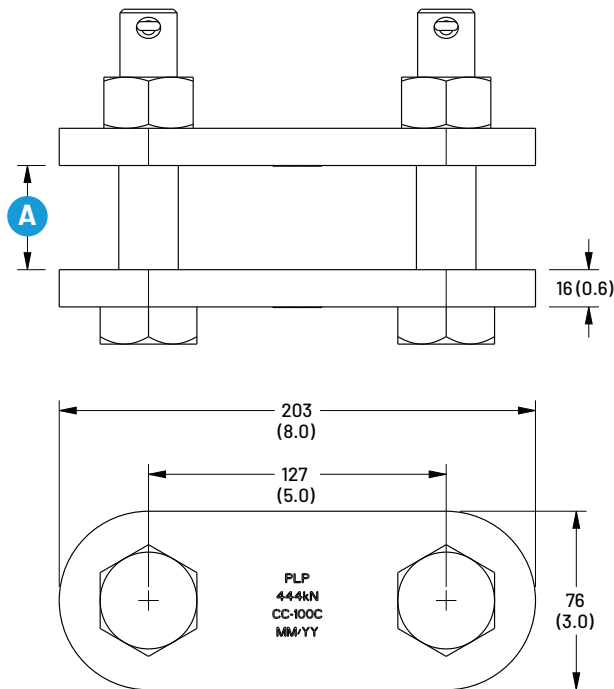
Add -L2 suffix (CC-5XC-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel
Bolt	Galvanized Steel
Cotter Pin	Stainless Steel

Clevis-Clevis CC-100C

Clevis-Clevis fittings are generally used to attach clevis tongue insulators to associated hardware in an insulator string.

mm (in.)



CATALOG #	A MM (IN)	BOLT Ø IN	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
CC-100C	45 (1.8)	1	377 (85,000)	444 (100,000)	4.1 (9.0)

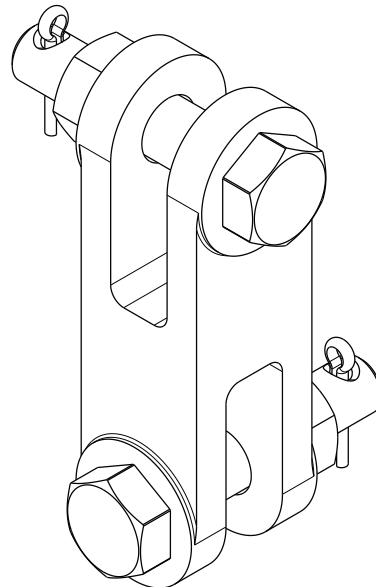
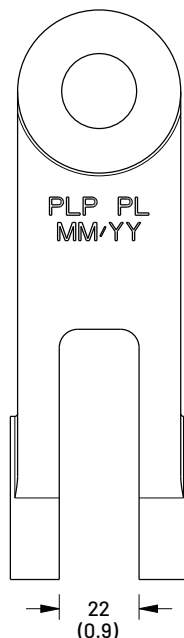
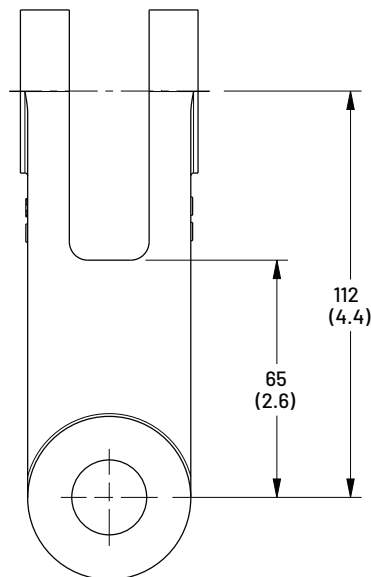
CC-XXXC meets Charpy Level 1 specifications.

Add -L2 suffix (CC-XXXC-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or [click here](#)).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel
Bolt	Galvanized Steel
Cotter Pin	Stainless Steel

Clevis-Clevis: Rotated

mm (in.)



CATALOG #	BOLT Ø IN	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
RCC-55C	3/4	120 (26,900)	138 (31,000)	1.8 (4.0)
RCC-56C	5/8	120 (26,900)	138 (31,000)	1.1 (2.4)

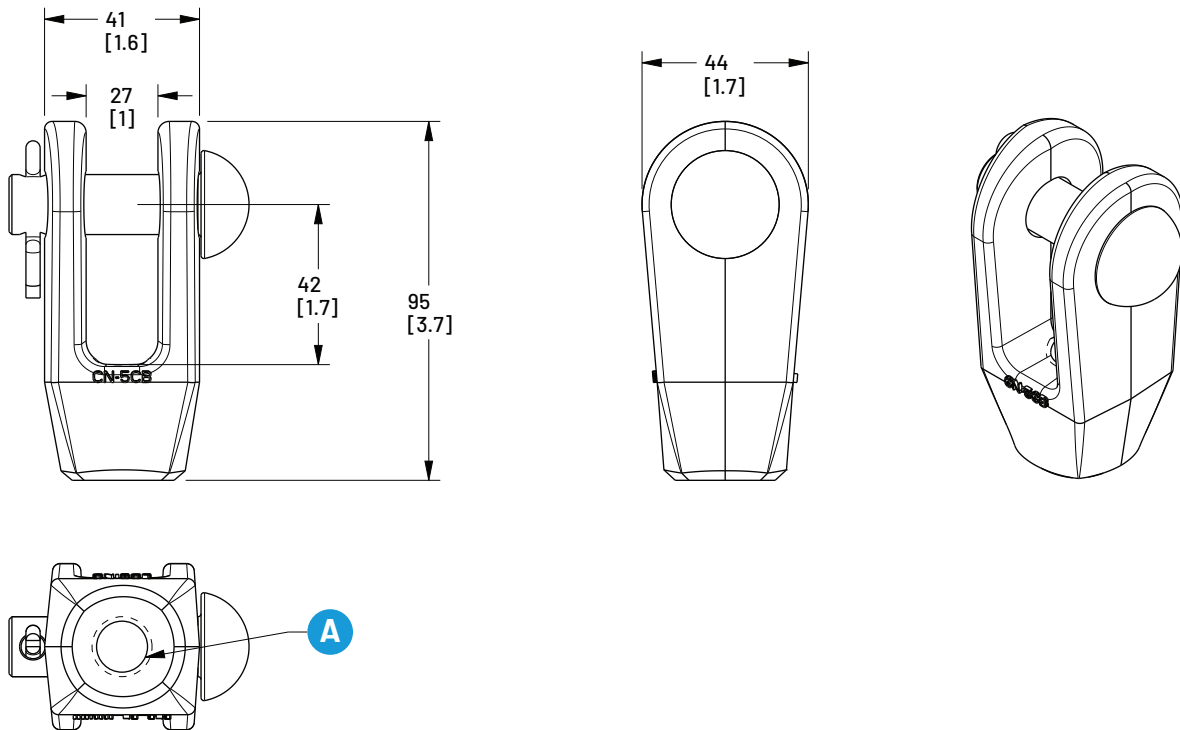
RCC-XXXC meets Charpy Level 1 specifications.

Add -L2 suffix (RCC-XXXC-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel
Bolt	Galvanized Steel
Cotter Pin	Stainless Steel

Clevis Nut

mm (in.)



CATALOG #	A THREAD Ø MM (IN)	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
CN-5C	5/8 (11)	54 (12,900)	63 (14,200)	1.0 (2.2)

CN-XC meets Charpy Level 1 specifications.

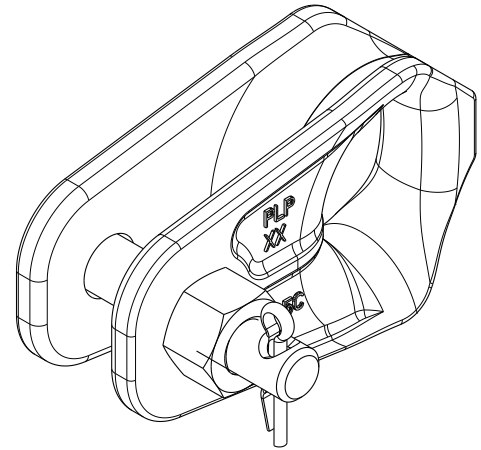
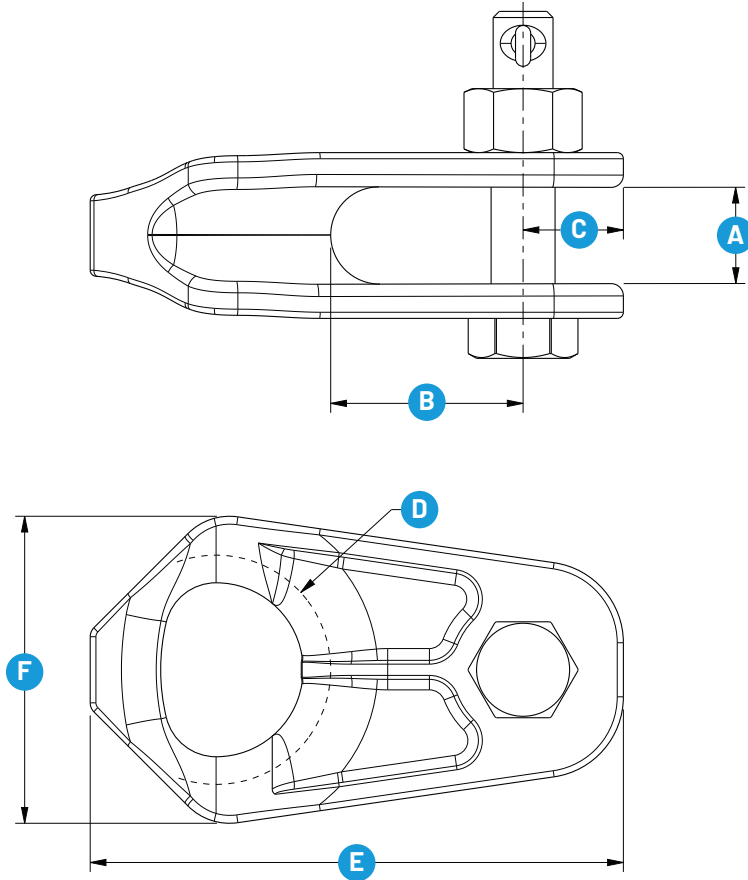
Add -L2 suffix (CN-XC-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or [click here](#)).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel
Bolt	Galvanized Steel
Cotter Pin	Stainless Steel

Thimble Clevis: Cast

Thimble Clevises are used to reinforce the loop of PLP Dead Ends.

mm (in.)



CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	D SEAT Ø MM (IN)	E MM (IN)	F MM (IN)	BOLT OR PIN Ø IN	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
TC-5C	23 (0.9)	48 (1.9)	25 (1.0)	57 (2.2)	132 (5.2)	76 (3.0)	5/8 Bolt	135 (30,300)	155 (34,800)	0.4 (0.9)
TC-100KC	38 (1.5)	74 (2.9)	38 (1.5)	81 (3.2)	196 (7.7)	104 (4.1)	1 Bolt	445 (100,000)	511 (115,000)	3.6 (8.0)

TC-5C meets Charpy Level 1 specifications.

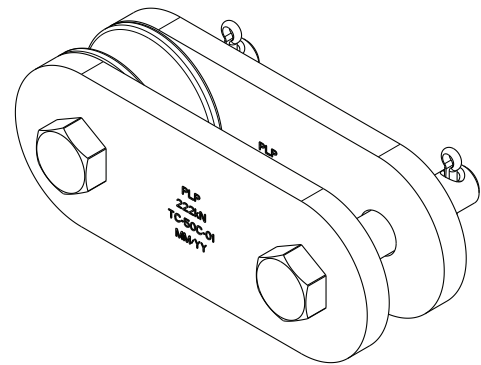
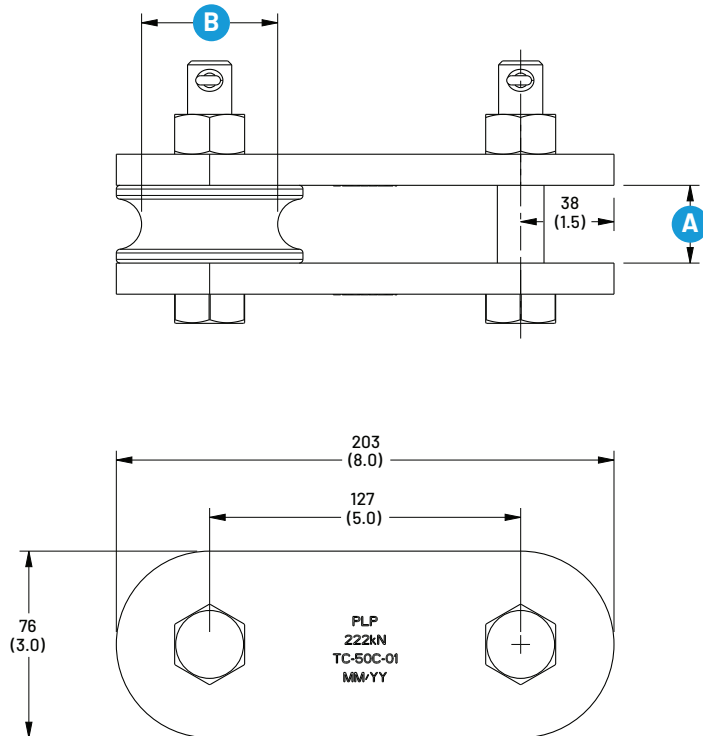
Add -L2 suffix (TC-5C-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Body	High Strength Galvanized Steel
Bolt	Galvanized Steel
Cotter Pin	Stainless Steel

Thimble Clevis: Plate

Thimble Clevises are used to reinforce the loop of PLP Dead Ends.

mm (in.)



CATALOG #	A MM (IN)	B MM (IN)	BOLT Ø IN	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
TC-50C-01	31.8 (1.3)	55.6 (2.2)	3/4	222 (50,000)	255 (57,500)	4.5 (10.0)
TC-60C-01	50.8 (2.0)	51.8 (2.0)	1	267 (60,000)	307 (69,000)	5.2 (11.5)

TC-XXC meets Charpy Level 1 specifications.

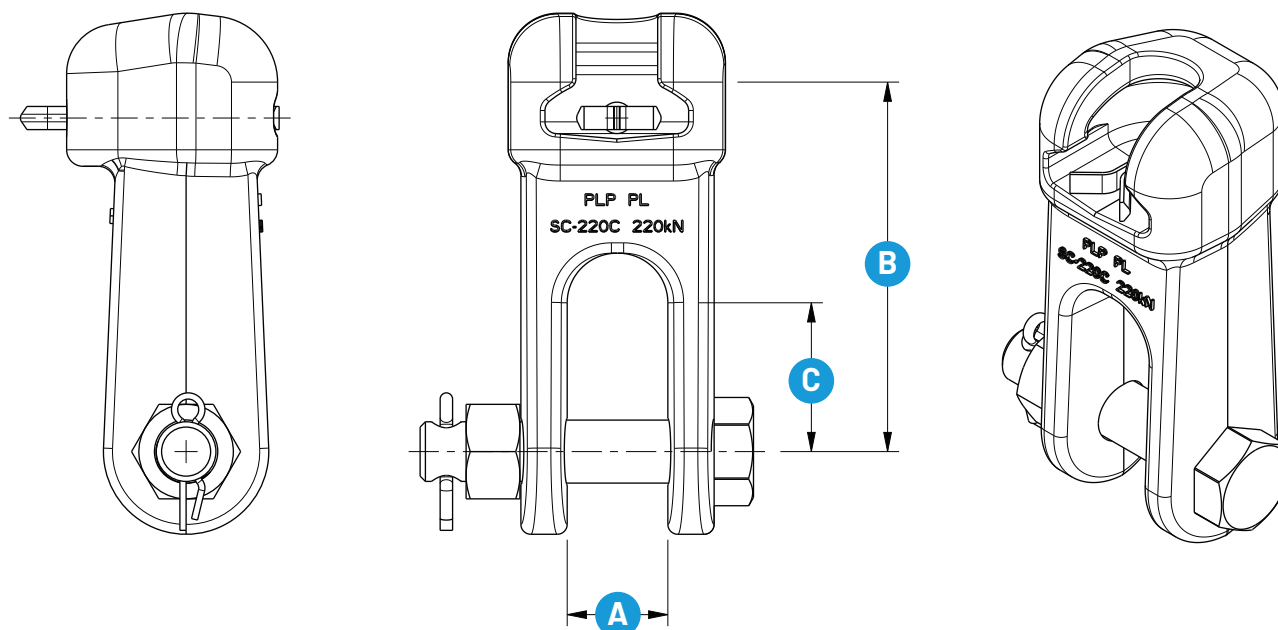
Add -L2 suffix (TC-XXC-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Body	High Strength Galvanized Steel
Bolt	Galvanized Steel
Cotter Pin	Stainless Steel

Socket Clevis

Socket Clevises are used to attach associated hardware to ball and socket insulators.

mm (in.)



CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	BOLT Ø IN	ANSI CLASS	CSA STANDARD	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
SC-55C	22 (0.9)	86 (3.4)	45 (1.8)	5/8	52-3 52-5	CS-3 CS-5	120 (27,000)	138 (31,000)	1.2 (2.6)
SC-56C	22 (0.9)	86 (3.4)	45 (1.8)	3/4	52-3 52-5	CS-3 CS-5	120 (27,000)	138 (31,000)	1.3 (2.9)
SC-220C	30 (1.2)	112 (4.4)	45 (1.8)	3/4	52-8 52-11	CS-8 CS-11	220 (49,500)	253 (56,900)	2.1 (4.6)
SC-220C-01	30 (1.2)	112 (4.4)	45 (1.8)	7/8	52-8 52-11	CS-8 CS-11	220 (49,500)	253 (56,900)	2.1 (4.6)

SC-XXC meets Charpy Level 1 specifications.

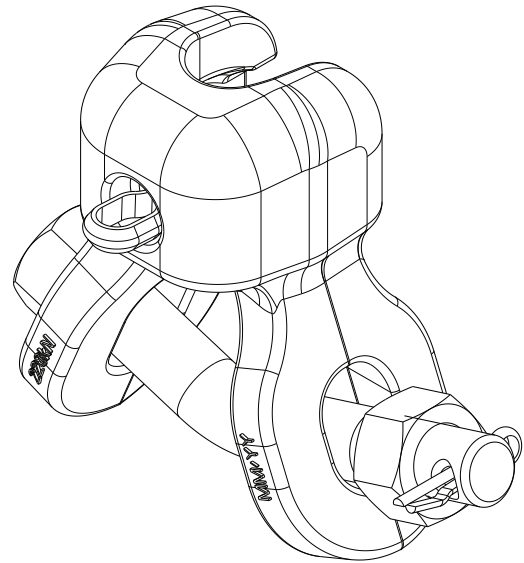
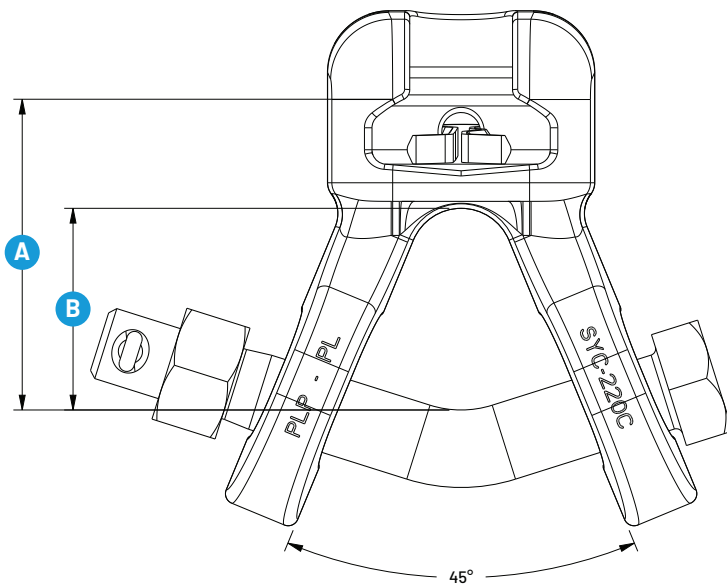
Add -L2 suffix (SC-XXC-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel
Bolt	Galvanized Steel
Cotter Pin	Stainless Steel

Socket Y-Clevis

Socket Y-Clevis Fittings are used to attach associated hardware to ball and socket insulators.

mm (in.)



CATALOG #	A MM (IN)	B MM (IN)	BOLT Ø IN	ANSI CLASS	CSA STANDARD	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
SYC-120C	76 (3.0)	40 (1.6)	3/4	52-3 52-5	CS-3 CS-5	120 (27,000)	138 (31,000)	1.3 (2.9)
SYC-220C	76 (3.0)	50 (2.0)	3/4	52-8 52-11	CS-8 CS-11	220 (49,400)	253 (56,800)	1.8 (4.0)

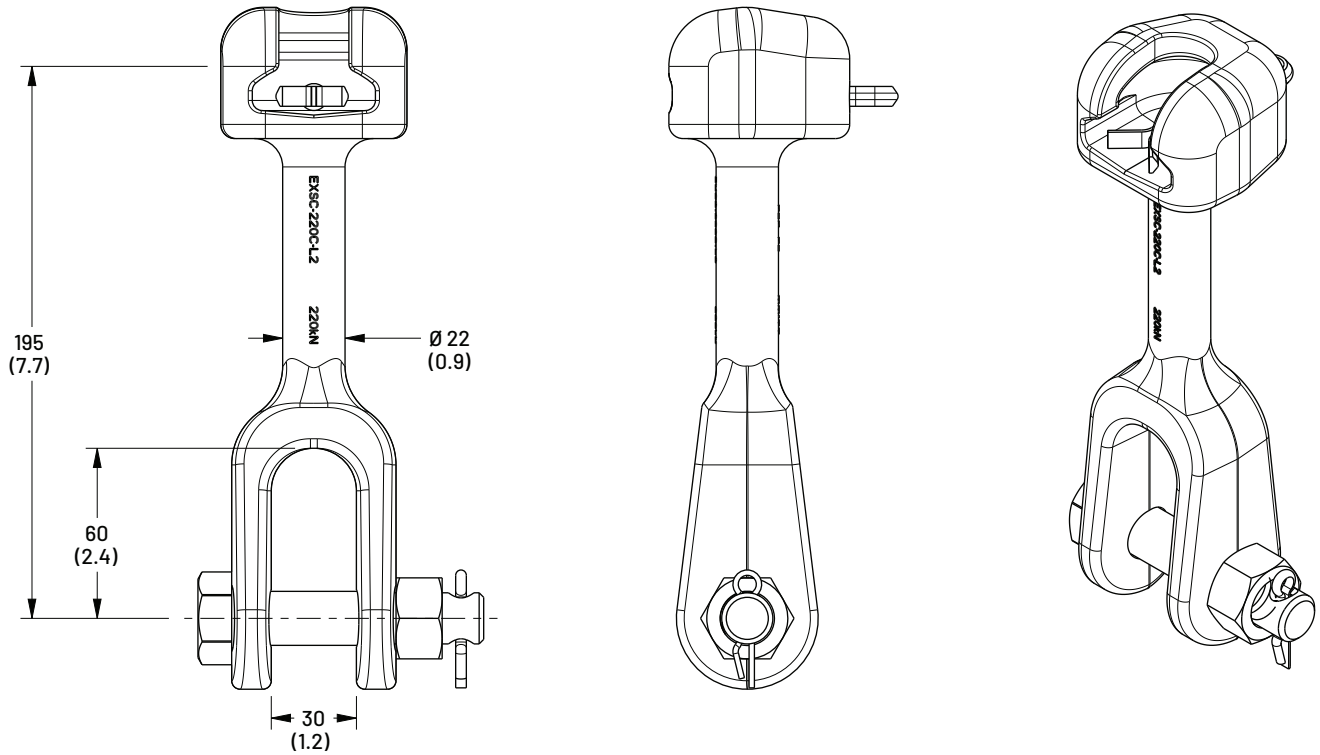
SYC-XXXXC meets Charpy Level 1 specifications.

Add -L2 suffix (SYC-XXXXC-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or [click here](#)).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel
Bolt	Galvanized Steel
Cotter Pin	Stainless Steel

Socket-Clevis Extended

mm (in.)



CATALOG #	BOLT Ø IN	ANSI CLASS	CSA STANDARD	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
EXSC-220C	3/4	52-8 52-11	CS-8 CS-11	220 (49,500)	253 (56,900)	2.0 (4.4)

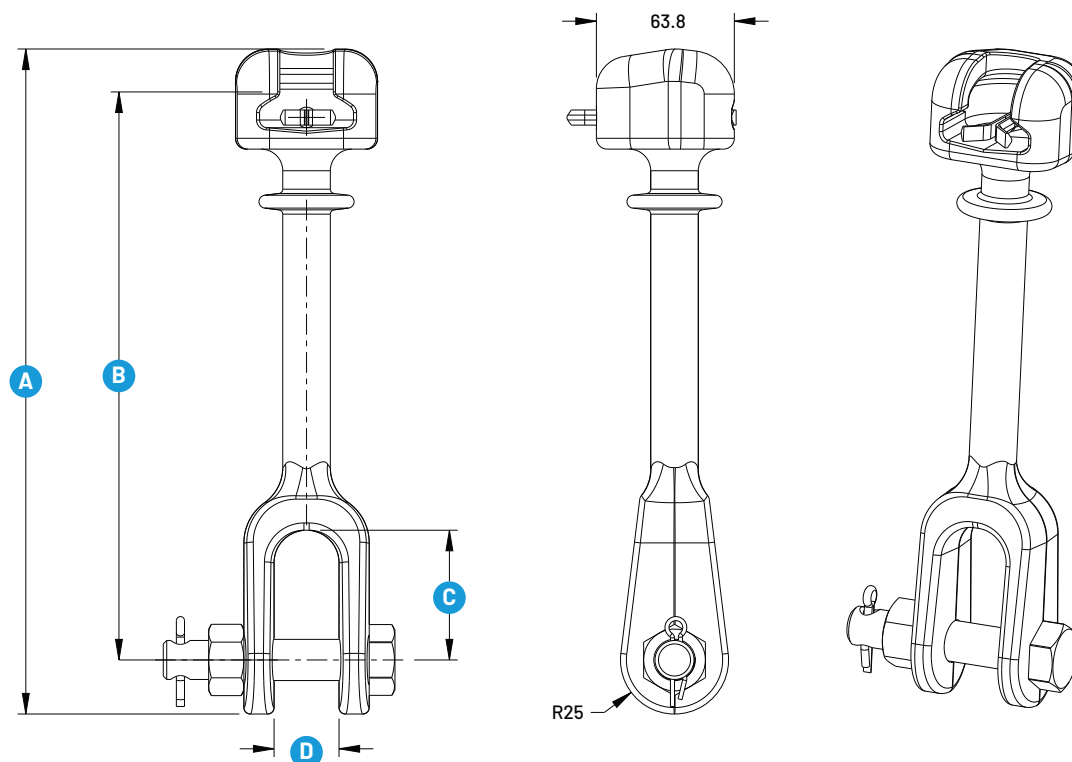
EXSC-220C meets Charpy Level 1 specifications.

Add -L2 suffix (EXSC-220C-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel
Bolt	Galvanized Steel
Cotter Pin	Stainless Steel

Socket-Clevis Hotline

mm (in.)



CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	D MM (IN)	BOLT Ø IN	ANSI CLASS	CSA STANDARD	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
HLSC-55C	290 (11.4)	255 (10.0)	57 (2.2)	21 (0.8)	5/8	52-3 52-5	CS-3 CS-5	120 (26,900)	138 (31,000)	1.8 (4.0)
HLSC-56C	290 (11.4)	255 (10.0)	57 (2.2)	21 (0.8)	3/4	52-3 52-5	CS-3 CS-5	120 (26,900)	138 (31,000)	1.9 (4.2)
HLSC-220C	308 (12.1)	271 (10.7)	60 (2.4)	30 (1.2)	3/4	52-8 52-11	CS-8 CS-11	220 (49,500)	253 (56,900)	2.5 (5.5)
HLSC-220C-01	308 (12.1)	271 (10.7)	60 (2.4)	30 (1.2)	7/8	52-8 52-11	CS-8 CS-11	220 (49,500)	253 (56,900)	2.5 (5.5)
HLSC-220C-02	308 (12.1)	271 (10.7)	60 (2.4)	30 (1.2)	1	52-8 52-11	CS-8 CS-11	220 (49,500)	253 (56,900)	2.5 (5.5)

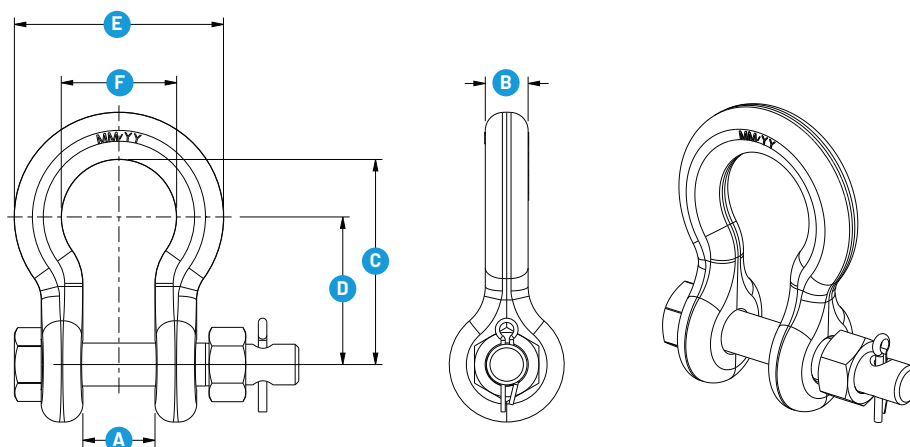
HLSC-XXXC meets Charpy Level 1 specifications.

Add -L2 suffix (HLSC-XXXC-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel
Bolt	Galvanized Steel
Cotter Pin	Stainless Steel

Shackle-Anchor

mm (in.)



CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	D MM (IN)	E MM (IN)	F MM (IN)	BOLT Ø IN	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
AS-160C	28 (1.1)	16 (0.6)	74 (2.9)	53 (2.1)	79 (3.1)	43 (1.7)	3/4	160 (36,000)	184 (41,400)	0.9 (2.0)
AS-160C -01	28 (1.1)	16 (0.6)	74 (2.9)	53 (2.1)	79 (3.1)	43 (1.7)	5/8	160 (36,000)	184 (41,400)	0.9 (2.0)
AS-222C	32 (1.3)	19 (0.7)	91 (3.6)	66 (2.6)	94 (3.7)	51 (2.0)	7/8	222 (49,900)	255 (57,300)	1.3 (2.9)
AS-222C -75	32 (1.3)	19 (0.7)	91 (3.6)	66 (2.6)	94 (3.7)	51 (2.0)	3/4	222 (49,900)	255 (57,300)	1.3 (2.9)
AS-222C -01	32 (1.3)	19 (0.7)	91 (3.6)	66 (2.6)	94 (3.7)	51 (2.0)	1	222 (49,900)	255 (57,300)	1.3 (2.9)
AS-222C -03	32 (1.3)	19 (0.7)	91 (3.6)	66 (2.6)	94 (3.7)	51 (2.0)	1	222 (49,900)	255 (57,300)	1.3 (2.9)
AS-333C	36 (1.4)	22 (0.9)	127 (5.0)	99 (3.9)	102 (4.0)	58 (2.3)	1-1/8	333 (74,800)	383 (86,100)	2.5 (5.5)
AS-333C -01	36 (1.4)	22 (0.9)	127 (5.0)	99 (3.9)	102 (4.0)	58 (2.3)	1	333 (74,800)	383 (86,100)	2.3 (5.0)
AS-444C	43 (1.7)	29 (1.1)	124 (4.9)	89 (3.5)	127 (5.0)	69 (2.7)	1-1/4	444 (99,800)	511 (114,900)	4.0 (8.8)
AS-444C -01	43 (1.7)	29 (1.1)	124 (4.9)	89 (3.5)	127 (5.0)	69 (2.7)	1	444 (99,800)	511 (114,900)	4.0 (8.8)
AS-444C-118	43 (1.7)	29 (1.1)	124 (4.9)	89 (3.5)	127 (5.0)	69 (2.7)	1-1/8	444 (99,800)	511 (114,900)	4.2 (9.3)
AS-666C	76 (3.0)	32 (1.3)	147 (5.8)	109 (4.3)	145 (5.7)	76 (3.0)	1-3/8	666 (149,700)	766 (172,200)	5.9 (13.0)

AS-XXXC meets Charpy Level 1 specifications.

AS-222C-03 includes corona nut.

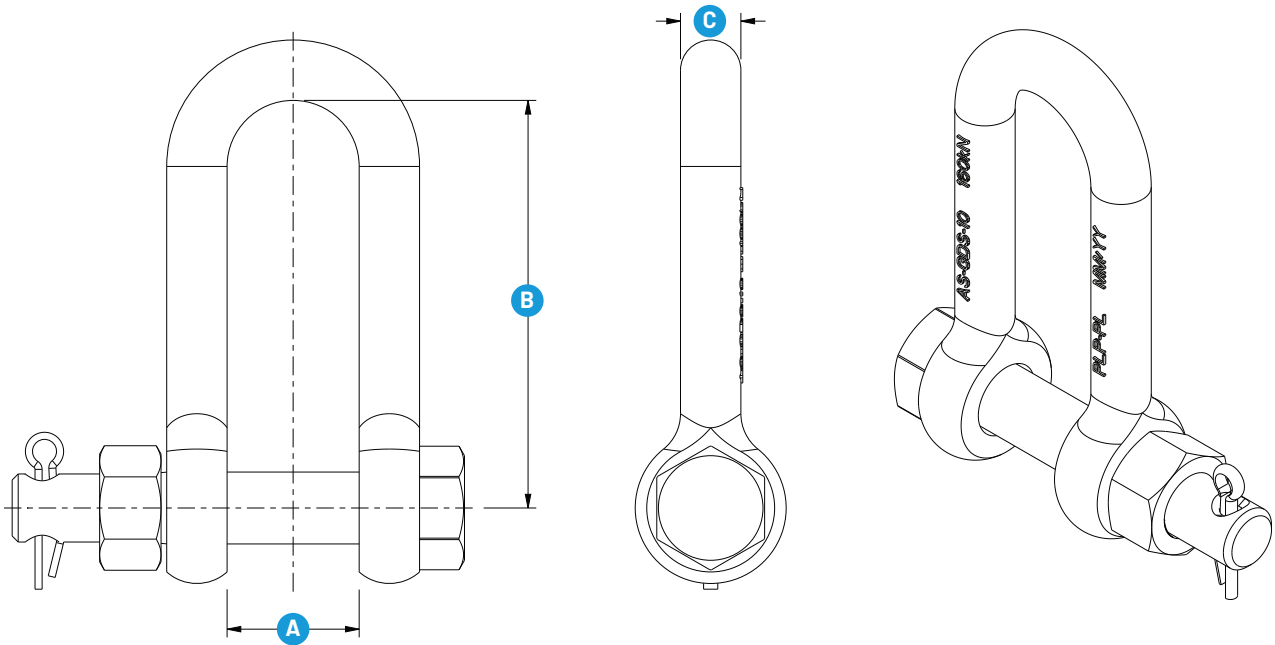
Add -L2 suffix (AS-XXXC-L2)

for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel
Bolt	Galvanized Steel
Cotter Pin	Stainless Steel

Shackle-Chain

mm (in.)



CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	BOLT Ø IN	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
AS-199795WM	80 (3.1)	94 (3.7)	16 (0.6)	5/8	120 (26,900)	138 (31,000)	1.0 (2.2)
AS-133C	27 (1.1)	70 (2.8)	16 (0.6)	5/8	135 (31,300)	155 (34,800)	0.6 (1.3)
AS-25KC100	22 (0.9)	100 (3.9)	20 (0.8)	3/4	111 (25,000)	127 (28,500)	1.2 (2.6)
AS-GDS-10	35 (1.4)	108 (4.3)	16 (0.6)	3/4	160 (36,000)	184 (41,400)	0.9 (2.0)
AS-GDS-10-01	35 (1.4)	108 (4.3)	16 (0.6)	5/8	160 (36,000)	184 (41,400)	0.9 (2.0)
AS-1230C	55 (2.2)	200 (7.9)	55 (2.2)	1-3/4	1230 (276,500)	1415 (318,000)	16.5 (36.4)

All chain shackles meet Charpy Level 1 specifications.

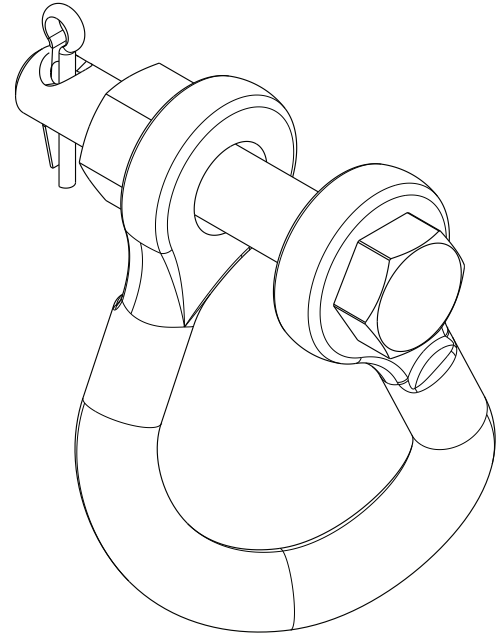
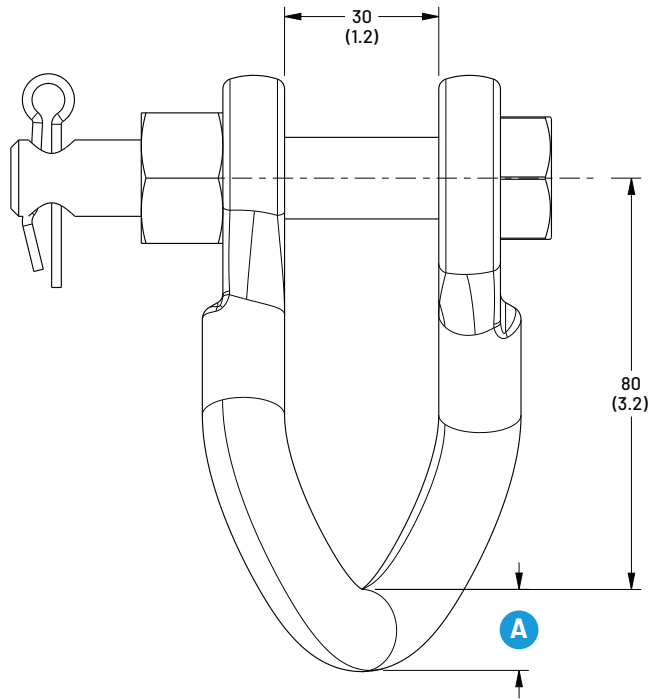
Add -L2 suffix (AS-XXXC-L2, AS-GDS-10-L2, AS-199795WM-L2) for parts which meet Charpy Level 2 specifications (for Charpy Level specifications, see page 3 or [click here](#)).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel
Bolt	Galvanized Steel
Cotter Pin	Stainless Steel

Shackle-Twisted

Twisted shackles are used with Twin Grip Suspension Units and for re-orientation of line fittings (i.e. 90 degree rotation).

mm (in.)



CATALOG #	A MM (IN)	BOLT Ø IN	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
TS-0502C	16 (0.6)	5/8	120 (26,900)	138 (31,000)	0.6 (1.3)
TS-0502C-75	16 (0.6)	3/4	120 (26,900)	138 (31,000)	0.9 (2.0)
TS-0502CHD	20 (0.8)	3/4	222 (49,900)	255 (57,300)	1.1 (2.4)

TS-0502CXX meets Charpy Level 1 specifications.

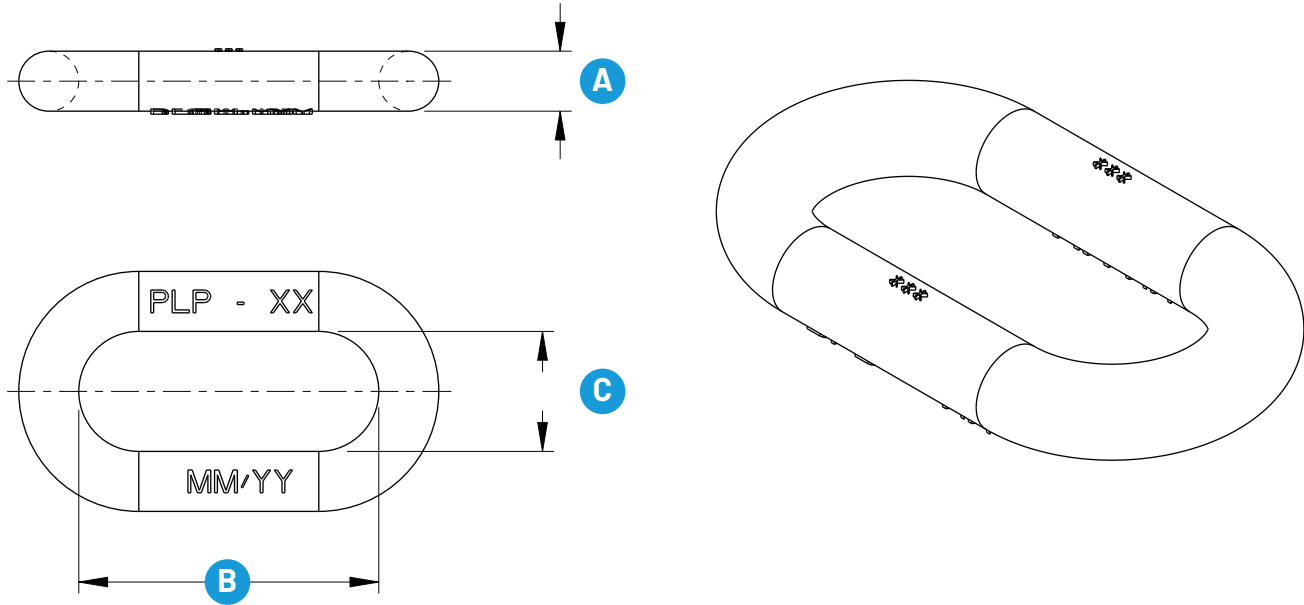
Add -L2 suffix (TS-0502CXX-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel
Bolt	Galvanized Steel
Cotter Pin	Stainless Steel

Chain Link

Chain Links are used to maintain tower clearance and connect associated hardware in an insulator string.

mm (in.)



CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED PART WEIGHT KG (LBS)
CL-1010C	13 (0.5)	57 (2.2)	25 (1.0)	110 (25,000)	127 (28,500)	0.2 (0.4)
CL-30C	15 (0.6)	64 (2.5)	25 (1.0)	133 (30,000)	153 (34,400)	0.3 (0.6)
CL-40C	15 (0.6)	83 (3.3)	25 (1.0)	153 (34,400)	176 (40,000)	0.4 (0.8)
CL-50C	19 (0.7)	83 (3.3)	25 (1.0)	220 (50,000)	253 (56,800)	0.6 (1.3)
CL-60C	21 (0.8)	89 (3.5)	25 (1.0)	267 (60,000)	307 (69,000)	0.7 (1.6)
CL-80C	24 (1.0)	102 (4.0)	32 (1.3)	355 (80,000)	408 (91,700)	1.2 (2.6)

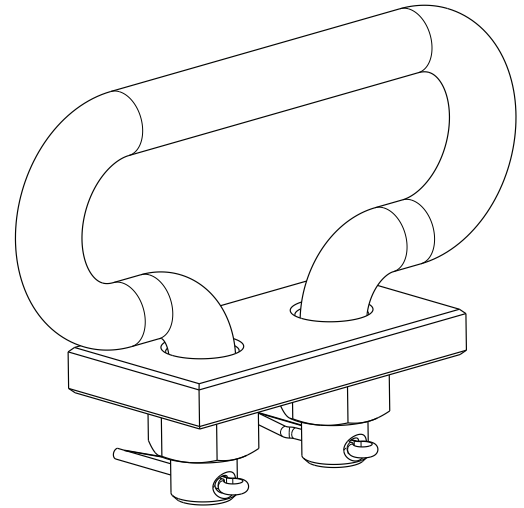
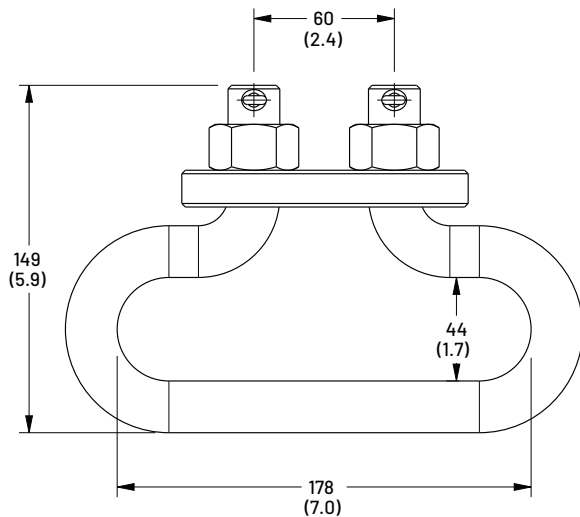
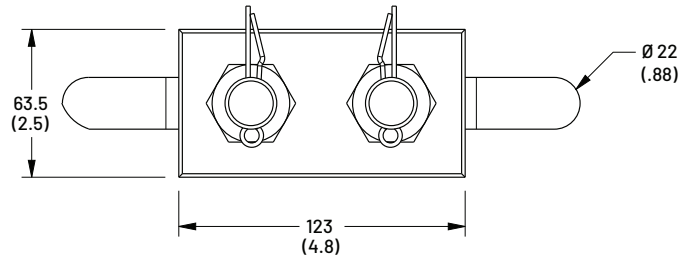
CL-XXXXC meets Charpy Level 1 specifications.

Add -L2 suffix (CL-XXXXC-L2) for parts which meet Charpy Level 2 specifications (for Charpy Level specifications, see page 3 or [click here](#)).

COMPONENT	MATERIAL
Body	Forged Steel

Strain Link

mm (in.)



CATALOG #	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
SL-60C-L2	267 (60,000)	307 (69,000)	2.6 (5.7)

Comes with two (2) 7/8" hex nuts and two (2) self-locking cotter pins.

SL-60C-L2 meets Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or click here).

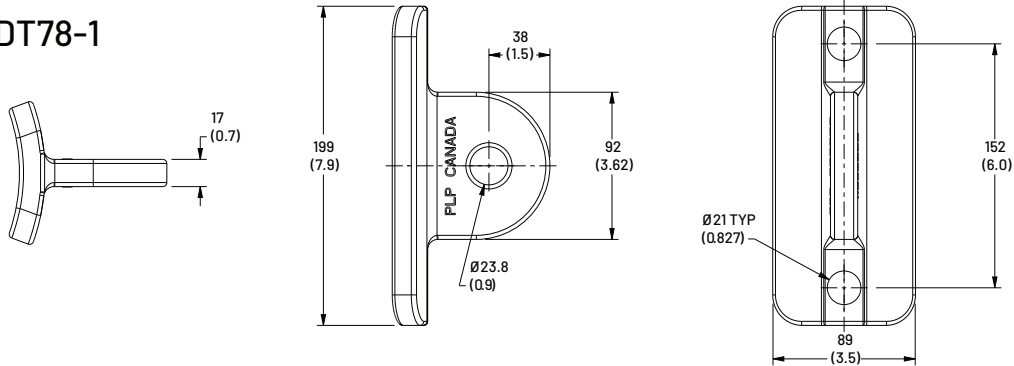
COMPONENT	MATERIAL
Body	Forged Galvanized Steel
Cotter Pins	Stainless Steel

Curved Base Dead-End Tee

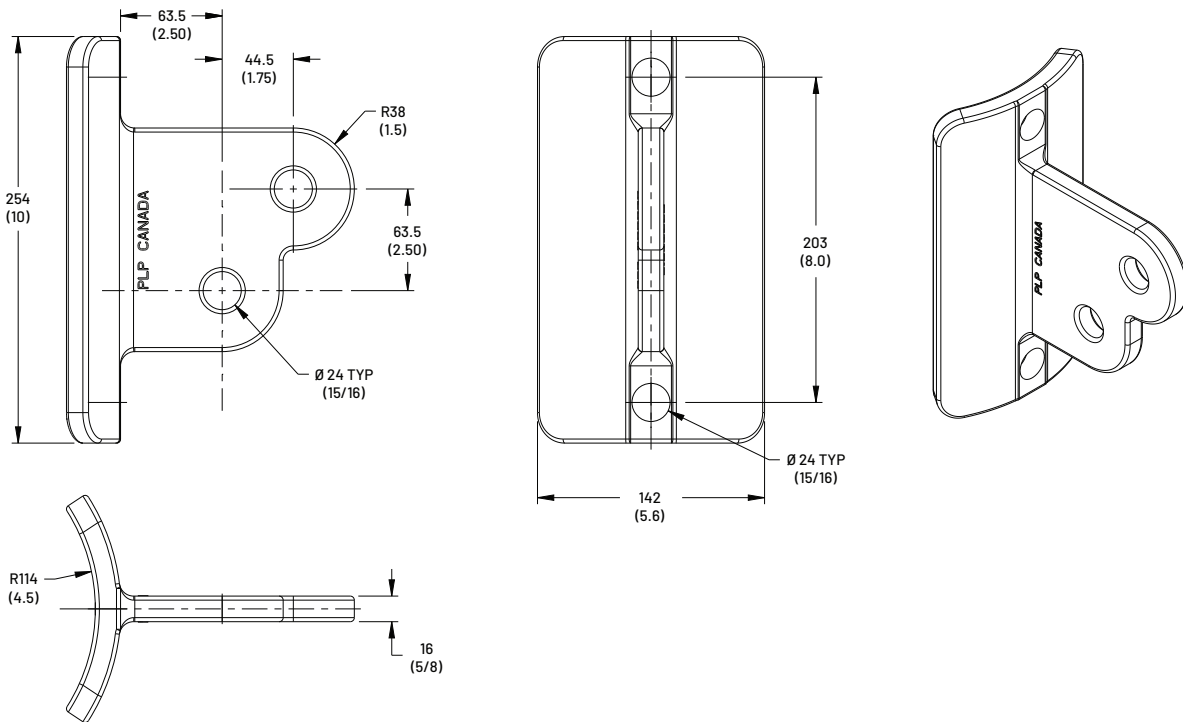
Curved base dead-end tees are used to attach cables to the pole, cross arm or used as a cross brace tensioning point.

mm (in.)

CBDT78-1



CBDT78-2



CATALOG #	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
CBDT78-1	227 (51,000)	267 (60,000)	2.8 (6.2)
CBDT78-2		155 (35,000) PER ATTACHMENT	5.5 (12.0)

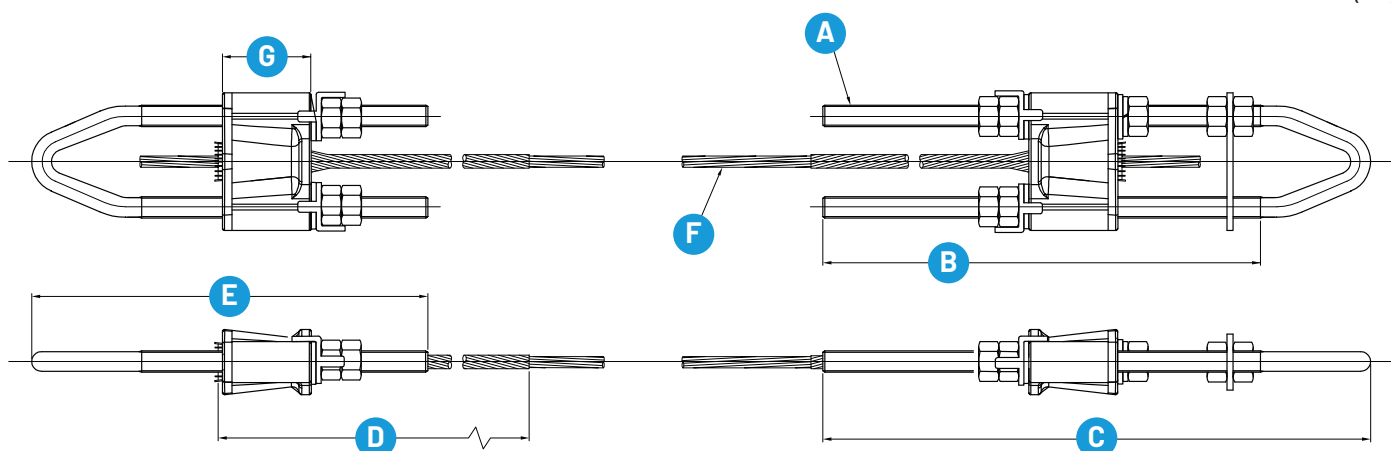
CBDT78-X meets Charpy Level 1 specifications
(for Charpy Level specifications, see page 3 or [click here](#)).

COMPONENT	MATERIAL
Body	High Strength Galvanized Steel

Vari-Grip™ Dead End - Left-Hand Lay

Preformed Line Products, Vari-Grip™ Dead Ends are used for tower, pole and antenna guying applications. The bottom section allows for 18" minimum of adjustability.

mm (in.)



TOP ASSEMBLY

BOTTOM ASSEMBLY

CATALOG #	TOP SECTION	BOTTOM SECTION	A IN	B THREAD LENGTH MM (IN)	C U-BOLT LENGTH MM (IN)	D ROD LENGTH MM (IN)	E U-BOLT LENGTH MM (IN)	F STRAND SIZE MM (IN)	G HOUSING LENGTH MM (IN)	RATED STRENGTH KN (LBS)
VG-716S	VG-716T	VG-716B	5/8	584 (23.0)	737 (29.0)	686 (27.0)	305 (12.0)	7/16" GR 220	83 (3.3)	106 (23,800)
VG-58S	VG-58T	VG-58B	3/4	610 (24.0)	762 (30.0)	787 (31.0)	432 (17.0)	5/8" GR 220	83 (3.3)	213 (48,000)
VG-750S	VG-750T	VG-750B	1-1/4	813 (32.0)	914 (36.0)	1118 (44.0)	356 (14.0)	3/4" GR 220	127 (5.0)	302 (68,000)
VG-1000S	VG-1000T	VG-1000B	1-1/4	813 (32.0)	914 (36.0)	1676 (66.0)	356 (14.0)	1" GR 220	127 (5.0)	543 (122,000)

VG-XXXXS includes 1 top and 1 bottom assembly.

Other sizes are available upon request.

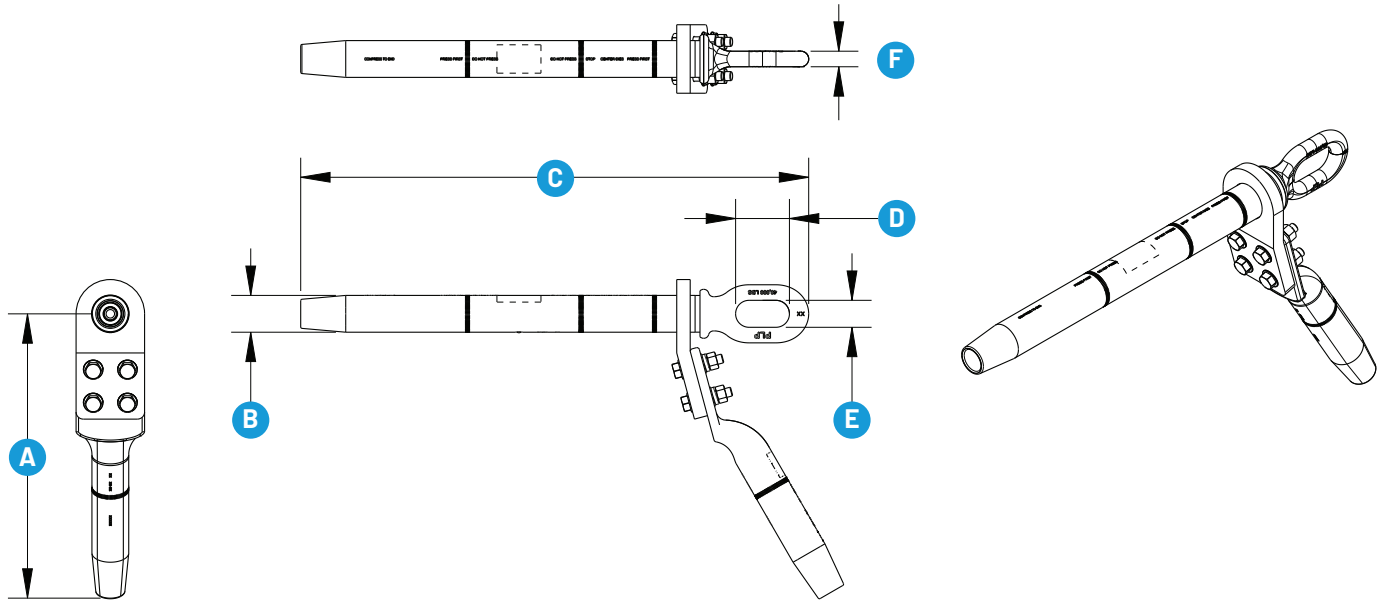
All components meet Charpy Level 1 specifications (for Charpy Level specifications, see page 3 or click here).

Consult PLP **Energy Catalog** and **Tower & Antenna Catalog** for non-Charpy Vari-Grips™.

COMPONENT	MATERIAL
Housing	High Strength Galvanized Steel
U-Bolts	High Strength Galvanized Steel
Wedge	Cast Aluminum
Rods	Galvanized Steel

Compression Dead-End Jumper Assembly

mm (in.)



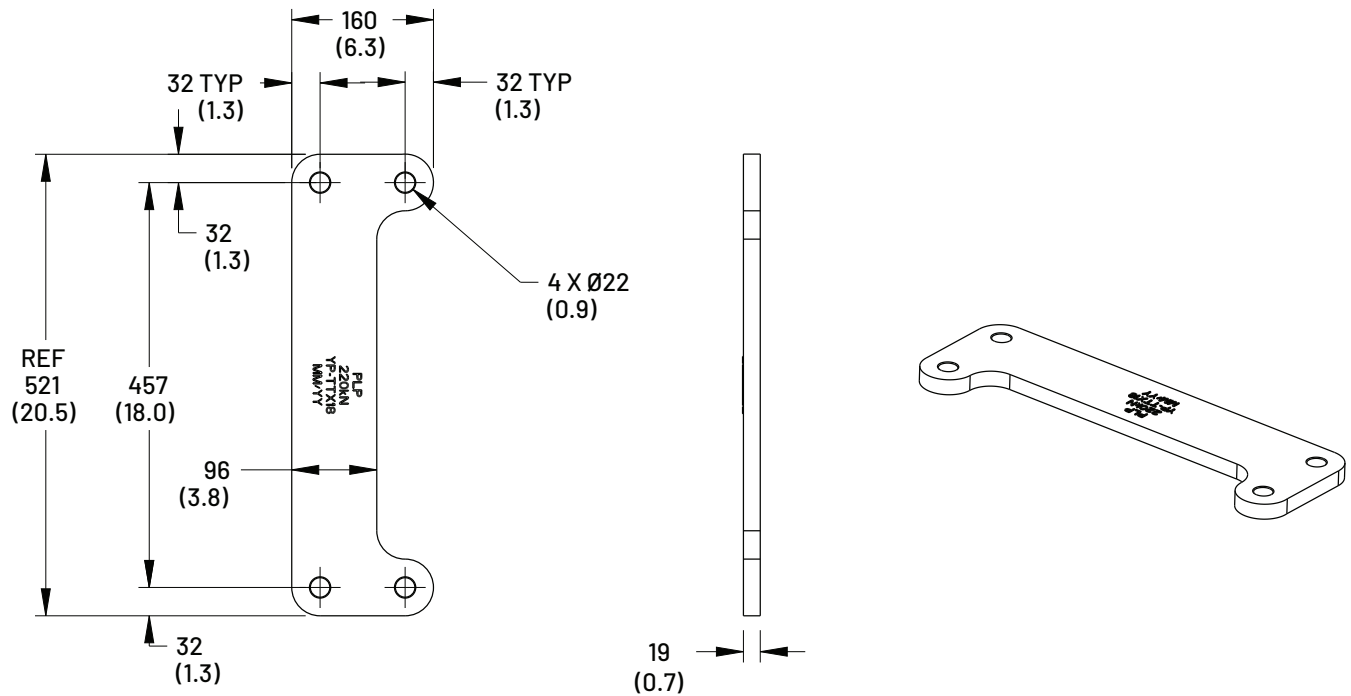
CATALOG #	CONDUCTOR	A MM (IN)	B MM (IN)	C MM (IN)	D MM (IN)	E MM (IN)	F MM (IN)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
CMPDEJ-0858C	ACSR HAWK	328 (12.9)	38 (1.5)	640 (25.2)	64 (2.5)	25 (1.0)	19 (0.8)	3.7 (8.1)
CMPDEJ-1108C	ACSR DRAKE	373 (14.7)	48 (1.9)	620 (24.4)	70 (2.8)	35 (1.4)	21 (0.8)	5.2 (11.5)
CMPDEJ-1245C	ACSR CURLEW	404 (15.9)	53 (2.1)	719 (28.3)	70 (2.8)	35 (1.4)	29 (1.13)	6.8 (15.0)
CMPDEJ-1545C	ACSR FALCON	434 (17.1)	63 (2.5)	803 (31.6)	70 (2.8)	35 (1.4)	29 (1.13)	9.7 (21.3)

CMPDEJ-XXXXC meets Charpy Level 1 specifications (for Charpy Level specifications, see page 3 or [click here](#)).

Yoke Plate- YP-TTX18

Varying shapes, sizes, strengths, thicknesses and hole spacings are available. Contact PLP Canada for custom designs.

mm (in.)

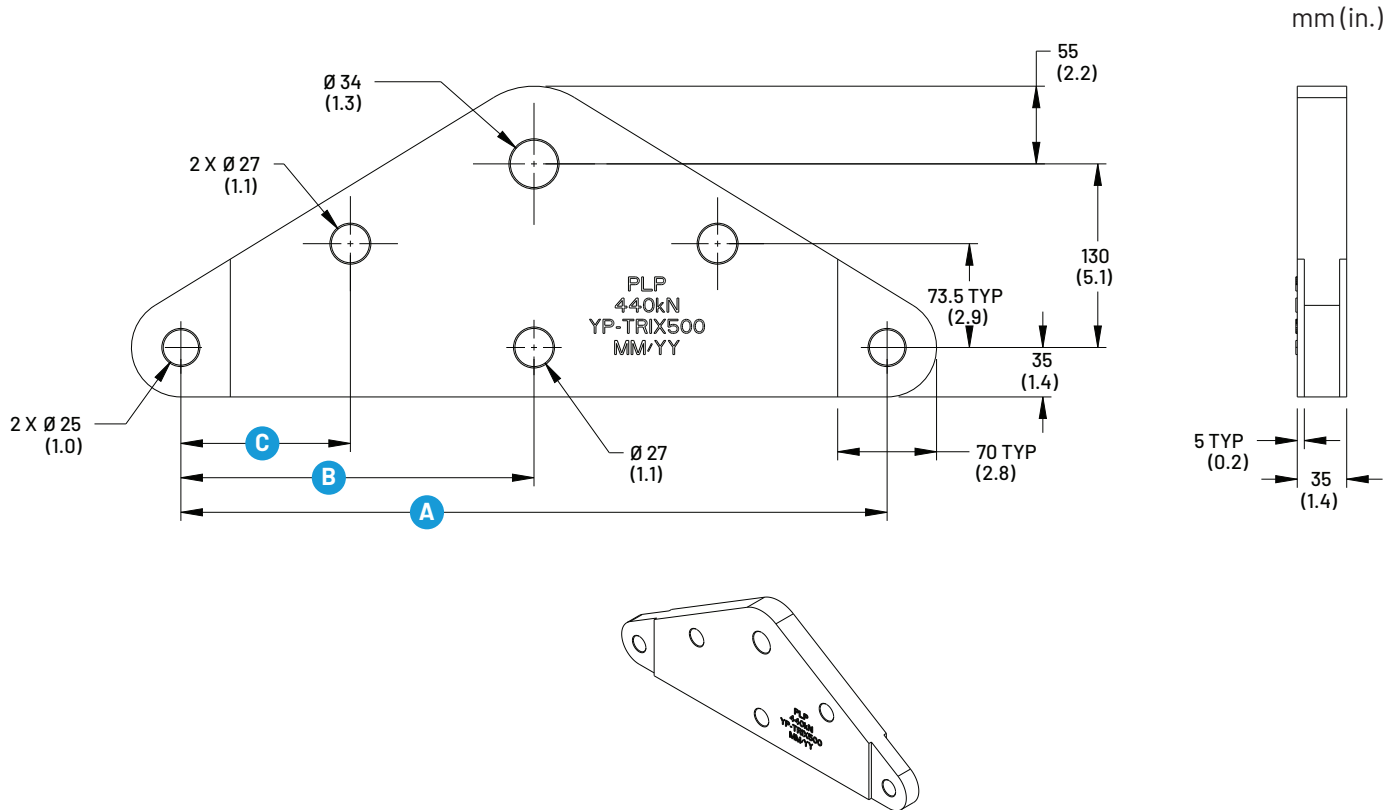


CATALOG #	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED PART WEIGHT KG (LBS)
YP-TTX18	220 (49,400)	253 (56,800)	8.3 (18.3)

YP-TTX18 meets Charpy Level 1 specifications
(for Charpy Level specifications, see page 3 or [click here](#)).

COMPONENT	MATERIAL
Plate	Galvanized Steel

Yoke Plate - YP-TRIXXXX



CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
YP-TRIX457	457 (18.0)	229 (9.0)	119 (4.7)	440 (98,900)	506 (113,700)	18.6 (41.0)
YP-TRIX500	500 (19.7)	250 (9.8)	120 (4.7)	440 (98,900)	506 (113,700)	20.4 (45.0)

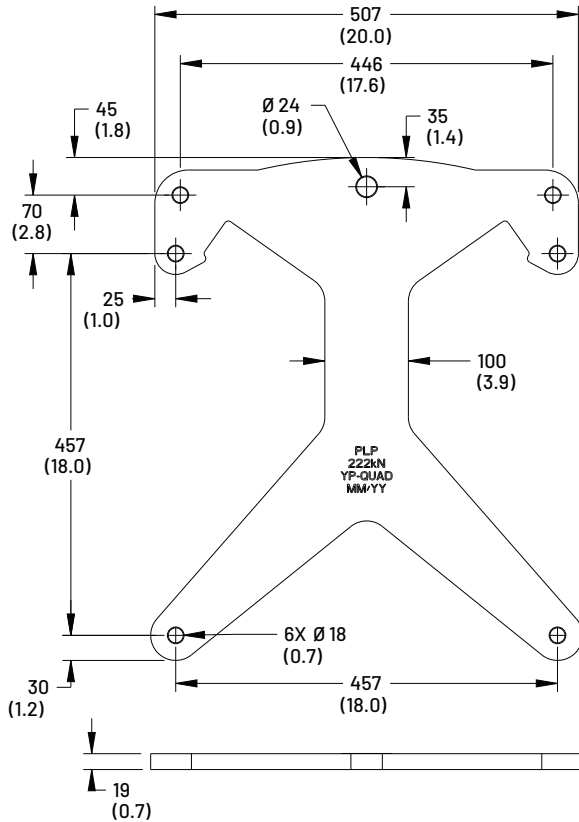
YP-TRIX(XXX) meets Charpy Level 1 specifications.
(for Charpy Level specifications, see page 3 or [click here](#)).

COMPONENT	MATERIAL
Plate	Galvanized Steel

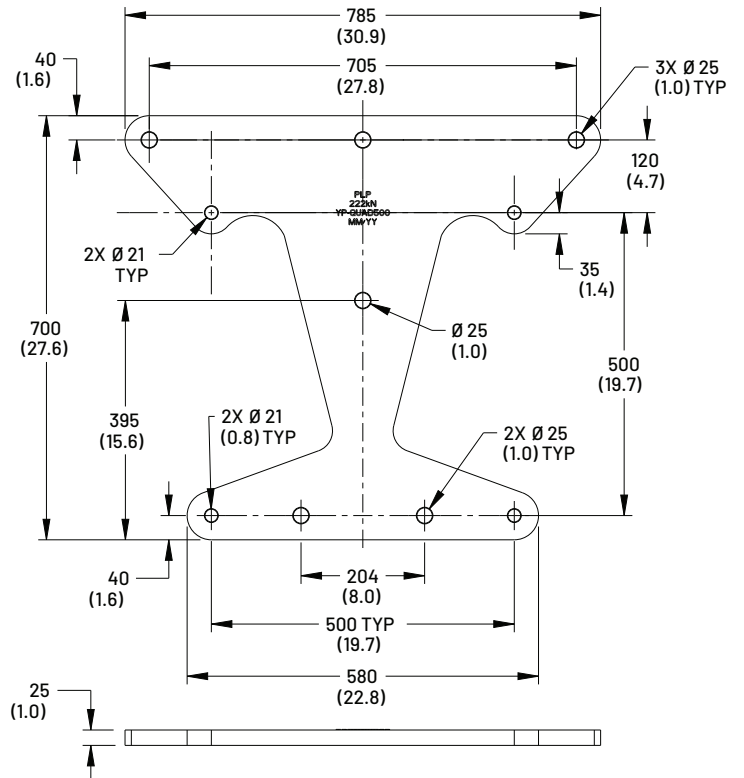
Yoke Plate - YP-QUAD & YP-QUAD500

mm (in.)

QUAD:



QUAD500:



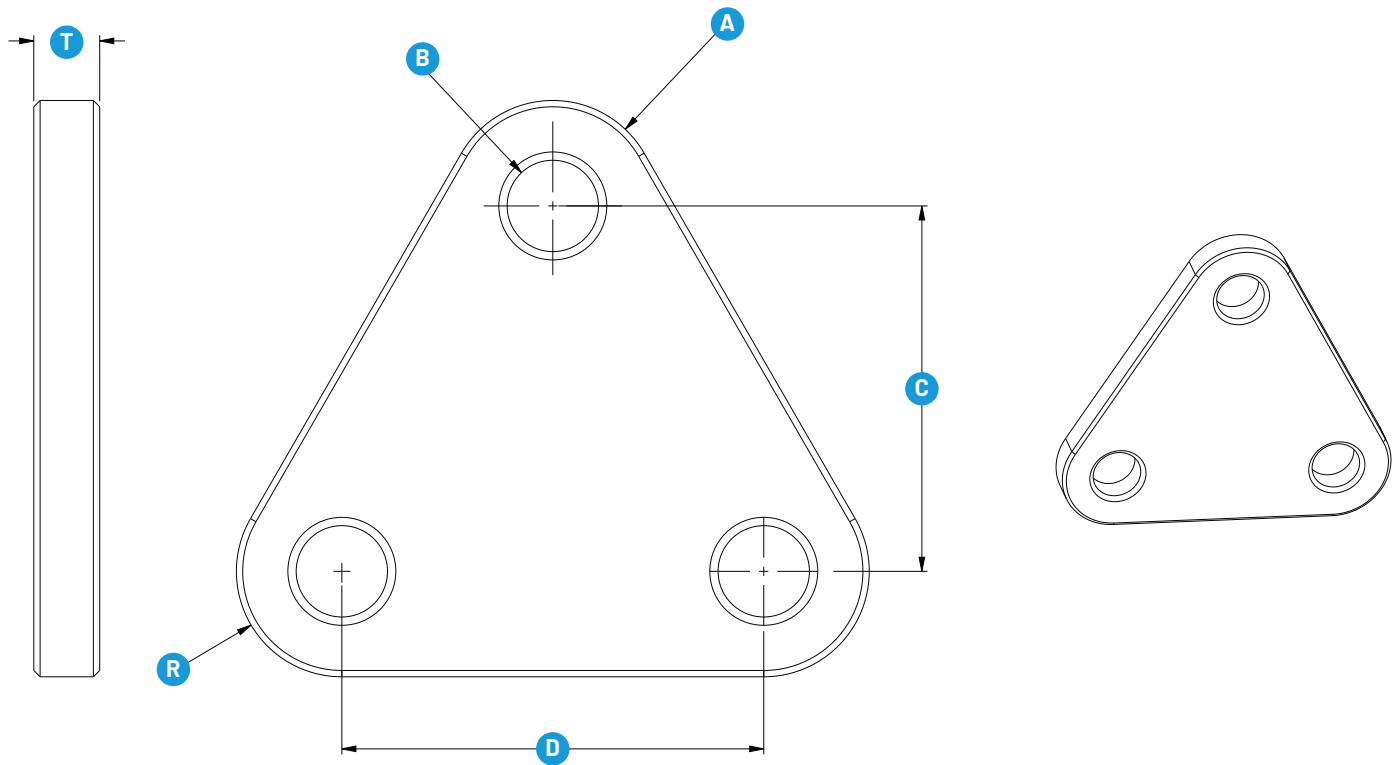
CATALOG #	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED PART WEIGHT KG (LBS)
YP-QUAD	222 (49,900)	255 (57,300)	19.5 (43.0)
YP-QUAD500	222 (49,500)	255 (57,300)	50.0 (110.0)

YP-QUADXXX meets Charpy Level 1 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Plate	Galvanized Steel

Yoke Plate - YPD-XXXX

mm (in.)



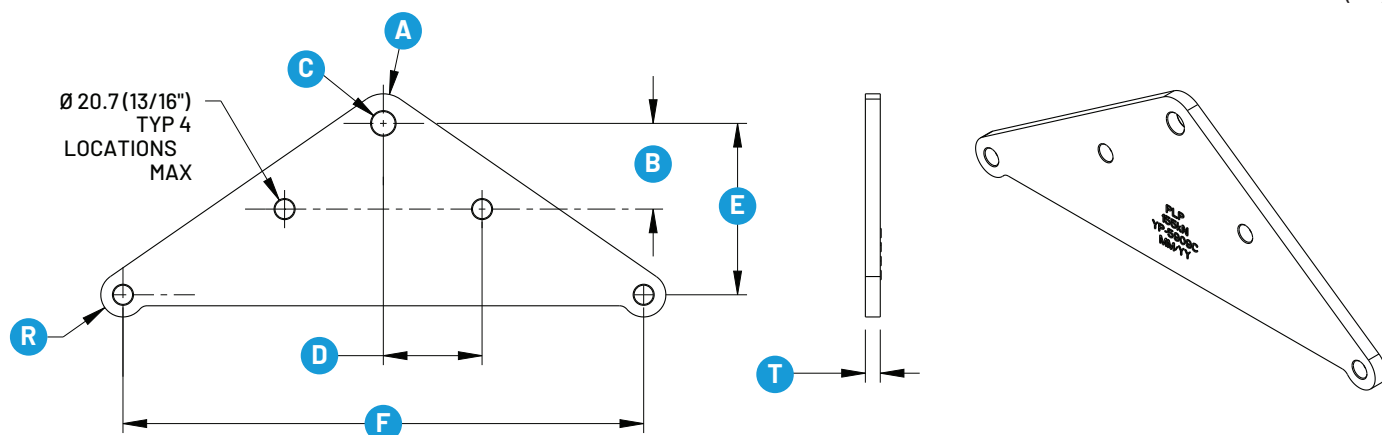
CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	D MM (IN)	R MM (IN)	T MM (IN)	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED PART WEIGHT KG (LBS)
YPD-65623	25 (1.0)	22 (0.8)	88 (3.5)	102 (4.0)	25 (1.0)	16 (0.6)	116 (26,100)	134 (30,000)	1.6 (3.6)
YPD-65643	25 (1.0)	22 (0.8)	110 (4.3)	221 (8.7)	25 (1.0)	16 (0.6)	116 (26,100)	134 (30,000)	3.2 (7.0)

Add C suffix (YPD-65623C)
for parts which meet Charpy level 1 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Plate	Galvanized Steel

Yoke Plate - YP-59XX

mm (in.)



CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	D MM (IN)	E MM (IN)	F MM (IN)	R MM (IN)	T MM (IN)	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED PART WEIGHT KG (LBS)
YP-5907C	25 (1.0)	N/A	21 (0.8)	N/A	102 (4.0)	305 (12.0)	21 (0.8)	13 (0.5)	133 (30,000)	153 (34,500)	7.1 (15.6)
YP-5908C	40 (1.6)	60 (2.4)	21 (0.8)	89 (3.5)	108 (4.3)	460 (18.1)	30 (1.2)	16 (0.6)	178 (40,000)	205 (46,000)	6.6 (14.6)
YP-5909C	32 (1.3)	92 (3.6)	25 (1.0)	106 (4.2)	184 (7.2)	559 (22.0)	24 (0.9)	16 (0.6)	155 (34,800)	178 (40,000)	9.5 (21.0)
YP-5910C	32 (1.3)	92 (3.6)	25 (1.0)	125 (4.9)	216 (8.5)	660 (26.0)	24 (0.9)	20 (0.8)	193 (43,400)	222 (49,900)	15.0 (33.0)
YP-5911C	32 (1.3)	92 (3.6)	25 (1.0)	139 (5.5)	241 (9.5)	736 (29.0)	24 (0.9)	20 (0.8)	220 (49,400)	253 (56,800)	21.8 (48.1)
YP-5912C	32 (1.3)	102 (4.0)	25 (1.0)	156 (6.1)	267 (10.5)	813 (32.0)	24 (0.9)	20 (0.8)	220 (49,400)	253 (56,800)	27.1 (59.8)
YP-5913C	32 (1.3)	114 (4.5)	25 (1.0)	179 (7.0)	299 (11.8)	940 (37.0)	24 (0.9)	20 (0.8)	220 (49,400)	253 (56,800)	27.2 (60.0)
YP-5908CHD	40 (1.6)	60 (2.4)	21 (0.8)	89 (3.5)	108 (4.3)	460 (18.1)	30 (1.2)	19 (0.7)	222 (49,900)	255 (57,300)	7.9 (17.4)

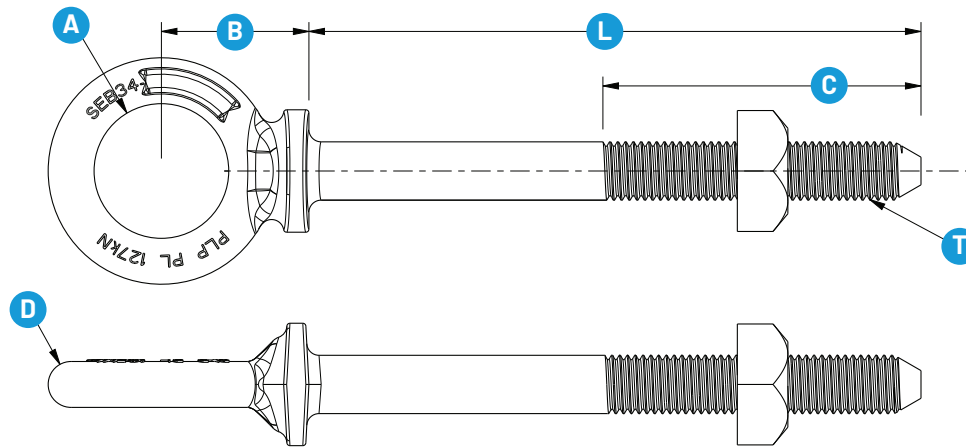
All plates meet Charpy Level 1 specifications.

Add -L2 suffix (YP-59XXC-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Plate	Galvanized Steel

Bolt: Shoulder Eye

mm (in.)



LENGTH L (in)
SEBXX-XX(H)
 DIAMETER T (in) HEX NUT OPTION

CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	D MM (IN)	T THREAD Ø UNC	L LENGTH RANGE MM (IN)	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)
SEB58-06	34 (1.3)	40 (1.6)	105 (4.1)	13 (0.5)	5/8-11	155 (6)	63 (14,200)	72 (16,200)
SEB58-08	34 (1.3)	40 (1.6)	105 (4.1)	13 (0.5)	5/8-11	200 (8)	63 (14,200)	72 (16,200)
SEB58-10	34 (1.3)	40 (1.6)	105 (4.1)	13 (0.5)	5/8-11	250 (10)	63 (14,200)	72 (16,200)
SEB58-10-01	34 (1.3)	40 (1.6)	155 (6.1)	13 (0.5)	5/8-11	250 (10)	63 (14,200)	72 (16,200)
SEB58-12	34 (1.3)	40 (1.6)	155 (6.1)	13 (0.5)	5/8-11	300 (12)	63 (14,200)	72 (16,200)
SEB58-14	34 (1.3)	40 (1.6)	155 (6.1)	13 (0.5)	5/8-11	350 (14)	63 (14,200)	72 (16,200)
SEB58-16	34 (1.3)	40 (1.6)	155 (6.1)	13 (0.5)	5/8-11	400 (16)	63 (14,200)	72 (16,200)
SEB58-18	34 (1.3)	40 (1.6)	155 (6.1)	13 (0.5)	5/8-11	450 (18)	63 (14,200)	72 (16,200)
SEB58-20	34 (1.3)	40 (1.6)	155 (6.1)	13 (0.5)	5/8-11	510 (20)	63 (14,200)	72 (16,200)
SEB58-22	34 (1.3)	40 (1.6)	155 (6.1)	13 (0.5)	5/8-11	560 (22)	63 (14,200)	72 (16,200)
SEB58-24	34 (1.3)	40 (1.6)	155 (6.1)	13 (0.5)	5/8-11	610 (24)	63 (14,200)	72 (16,200)

CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	D MM (IN)	T THREAD Ø UNC	L LENGTH RANGE MM (IN)	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)
SEB34-04	44 (1.7)	48 (1.9)	80 (3.2)	15 (0.6)	3/4-10	105 (4)	127 (28,500)	146 (32,800)
SEB34-06	44 (1.7)	48 (1.9)	105 (4.1)	15 (0.6)	3/4-10	155 (6)	127 (28,500)	146 (32,800)
SEB34-08	44 (1.7)	48 (1.9)	105 (4.1)	15 (0.6)	3/4-10	204 (8)	127 (28,500)	146 (32,800)
SEB34-10	44 (1.7)	48 (1.9)	155 (6.1)	15 (0.6)	3/4-10	250 (10)	127 (28,500)	146 (32,800)
SEB34-12	44 (1.7)	48 (1.9)	155 (6.1)	15 (0.6)	3/4-10	300 (12)	127 (28,500)	146 (32,800)
SEB34-14	44 (1.7)	48 (1.9)	155 (6.1)	15 (0.6)	3/4-10	350 (14)	127 (28,500)	146 (32,800)
SEB34-16	44 (1.7)	48 (1.9)	155 (6.1)	15 (0.6)	3/4-10	400 (16)	127 (28,500)	146 (32,800)
SEB34-18	44 (1.7)	48 (1.9)	155 (6.1)	15 (0.6)	3/4-10	450 (18)	127 (28,500)	146 (32,800)
SEB34-20	44 (1.7)	48 (1.9)	155 (6.1)	15 (0.6)	3/4-10	510 (20)	127 (28,500)	146 (32,800)
SEB34-22	44 (1.7)	48 (1.9)	155 (6.1)	15 (0.6)	3/4-10	560 (22)	127 (28,500)	146 (32,800)
SEB34-24	44 (1.7)	48 (1.9)	155 (6.1)	15 (0.6)	3/4-10	610 (24)	127 (28,500)	146 (32,800)
SEB34-26	44 (1.7)	48 (1.9)	155 (6.1)	15 (0.6)	3/4-10	660 (26)	127 (28,500)	146 (32,800)
SEB34-28	44 (1.7)	48 (1.9)	155 (6.1)	15 (0.6)	3/4-10	710 (28)	127 (28,500)	146 (32,800)
SEB78-08	50 (2.0)	54 (2.1)	155 (6.1)	18 (0.7)	7/8-9	200 (8)	133 (29,900)	153 (34,300)
SEB78-10	50 (2.0)	54 (2.1)	155 (6.1)	18 (0.7)	7/8-9	250 (10)	133 (29,900)	153 (34,300)
SEB78-12	50 (2.0)	54 (2.1)	155 (6.1)	18 (0.7)	7/8-9	300 (12)	133 (29,900)	153 (34,300)
SEB78-14	50 (2.0)	54 (2.1)	155 (6.1)	18 (0.7)	7/8-9	350 (14)	133 (29,900)	153 (34,300)
SEB78-16	50 (2.0)	54 (2.1)	155 (6.1)	18 (0.7)	7/8-9	400 (16)	133 (29,900)	153 (34,300)
SEB78-18	50 (2.0)	54 (2.1)	155 (6.1)	18 (0.7)	7/8-9	460 (18)	133 (29,900)	153 (34,300)
SEB78-20	50 (2.0)	54 (2.1)	155 (6.1)	18 (0.7)	7/8-9	510 (20)	133 (29,900)	153 (34,300)
SEB78-22	50 (2.0)	54 (2.1)	155 (6.1)	18 (0.7)	7/8-9	560 (22)	133 (29,900)	153 (34,300)

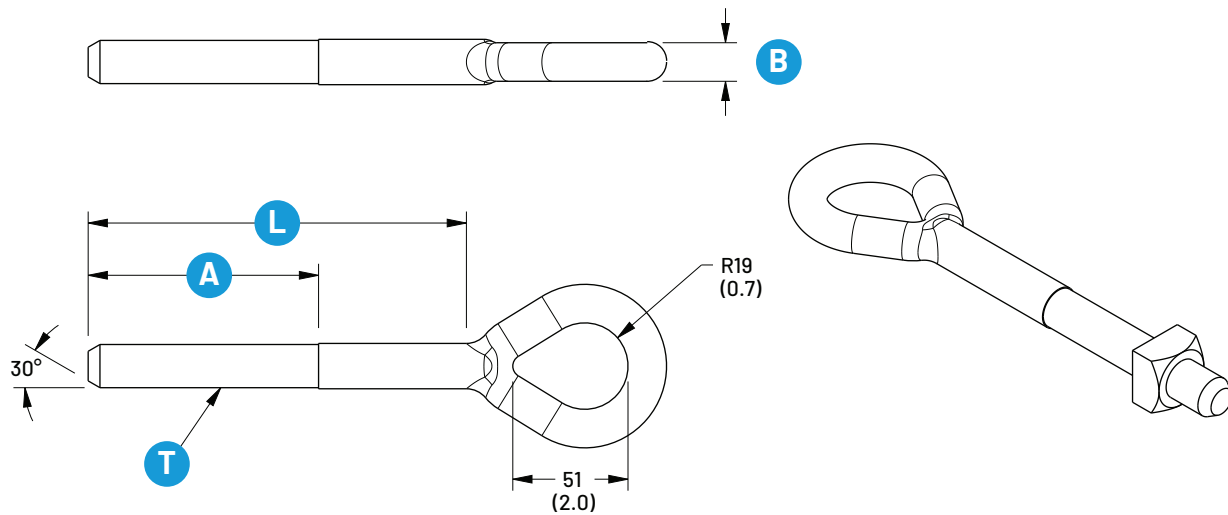
Contact PLP for estimated assembly weights.

All Shoulder Eye Bolts meet Charpy Level 1 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Bolt	Galvanized Steel
Nut	Galvanized Steel

Bolt: Oval Eye

mm (in.)



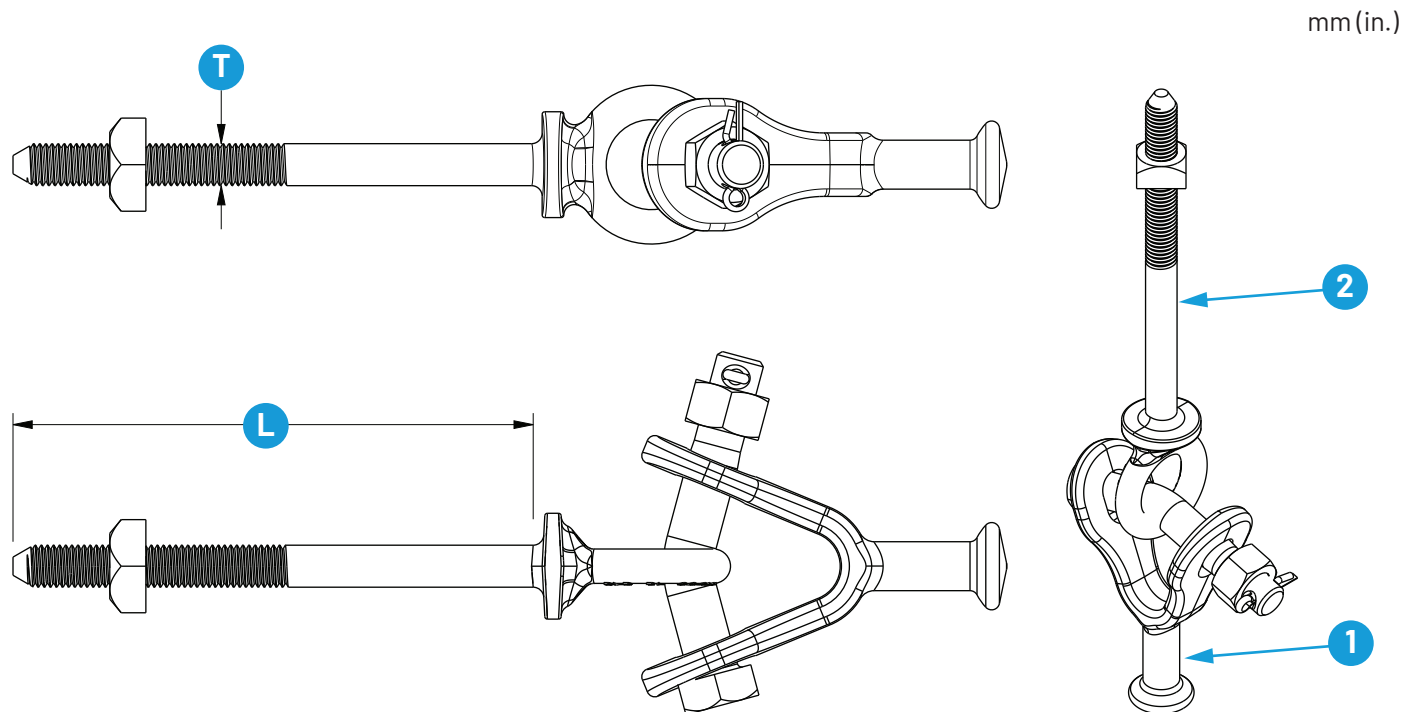
CATALOG #	A THREAD LENGTH MM (IN)	T THREAD Ø UNC	L LENGTH MM (IN)	B MM (IN)	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)
R-9406C	110 (4)	5/8-11	152 (6)	14 (0.6)	63 (14,200)	72 (16,200)
R-9407C	110 (4)	5/8-11	177 (7)	14 (0.6)	63 (14,200)	72 (16,200)
R-9408C	110 (4)	5/8-11	200 (8)	14 (0.6)	63 (14,200)	72 (16,200)
R-9409C	110 (4)	5/8-11	225 (9)	14 (0.6)	63 (14,200)	72 (16,200)
R-9410C	160 (6)	5/8-11	250 (10)	14 (0.6)	63 (14,200)	72 (16,200)
R-9412C	160 (6)	5/8-11	300 (12)	14 (0.6)	63 (14,200)	72 (16,200)
R-9414C	160 (6)	5/8-11	350 (14)	14 (0.6)	63 (14,200)	72 (16,200)
R-9416C	160 (6)	5/8-11	400 (16)	14 (0.6)	63 (14,200)	72 (16,200)
R-9418C	160 (6)	5/8-11	460 (18)	14 (0.6)	63 (14,200)	72 (16,200)
R-9420C	160 (6)	5/8-11	510 (20)	14 (0.6)	63 (14,200)	72 (16,200)
R-9422C	160 (6)	5/8-11	560 (22)	14 (0.6)	63 (14,200)	72 (16,200)
R-9424C	160 (6)	5/8-11	610 (24)	14 (0.6)	63 (14,200)	72 (16,200)

CATALOG #	A THREAD LENGTH MM (IN)	T THREAD Ø UNC	L LENGTH MM (IN)	B MM (IN)	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)
R-9504C	102 (4)	3/4-10	110 (4)	17 (0.7)	127 (28,500)	146 (32,800)
R-9508C	102 (4)	3/4-10	200 (8)	17 (0.7)	127 (28,500)	146 (32,800)
R-9510C	160 (6)	3/4-10	250 (10)	17 (0.7)	127 (28,500)	146 (32,800)
R-9512C	260 (10)	3/4-10	300 (12)	17 (0.7)	127 (28,500)	146 (32,800)
R-9514C	260 (10)	3/4-10	350 (14)	17 (0.7)	127 (28,500)	146 (32,800)
R-9516C	260 (10)	3/4-10	400 (16)	17 (0.7)	127 (28,500)	146 (32,800)
R-9518C	260 (10)	3/4-10	450 (18)	17 (0.7)	127 (28,500)	146 (32,800)
R-9520C	260 (10)	3/4-10	510 (20)	17 (0.7)	127 (28,500)	146 (32,800)
R-9522C	260 (10)	3/4-10	560 (22)	17 (0.7)	127 (28,500)	146 (32,800)
R-9524C	160 (6)	3/4-10	610 (24)	17 (0.7)	127 (28,500)	146 (32,800)

Contact PLP for estimated assembly weights.

R-9xxxC bolts meet Charpy Level 1 specifications (for Charpy Level specifications, see page 3 or [click here](#)).

Bolt: Ball Link Y-Eye



BLYEBXX-XX

DIAMETER (in)

LENGTH L (in)

Example: BLYEB58-06 consists of
BYC-120C and SEB58-06
(5/8"-11 thread, 6" length)

ITEM	DESCRIPTION	PART #	QTY
1	Ball Y-Clevis	BYC-120C	1
2	Shoulder Eye Bolt	SEBXX-XX	1

[Click on PART # to view product page or see contents page.](#)

Contact PLP for estimated assembly weights.

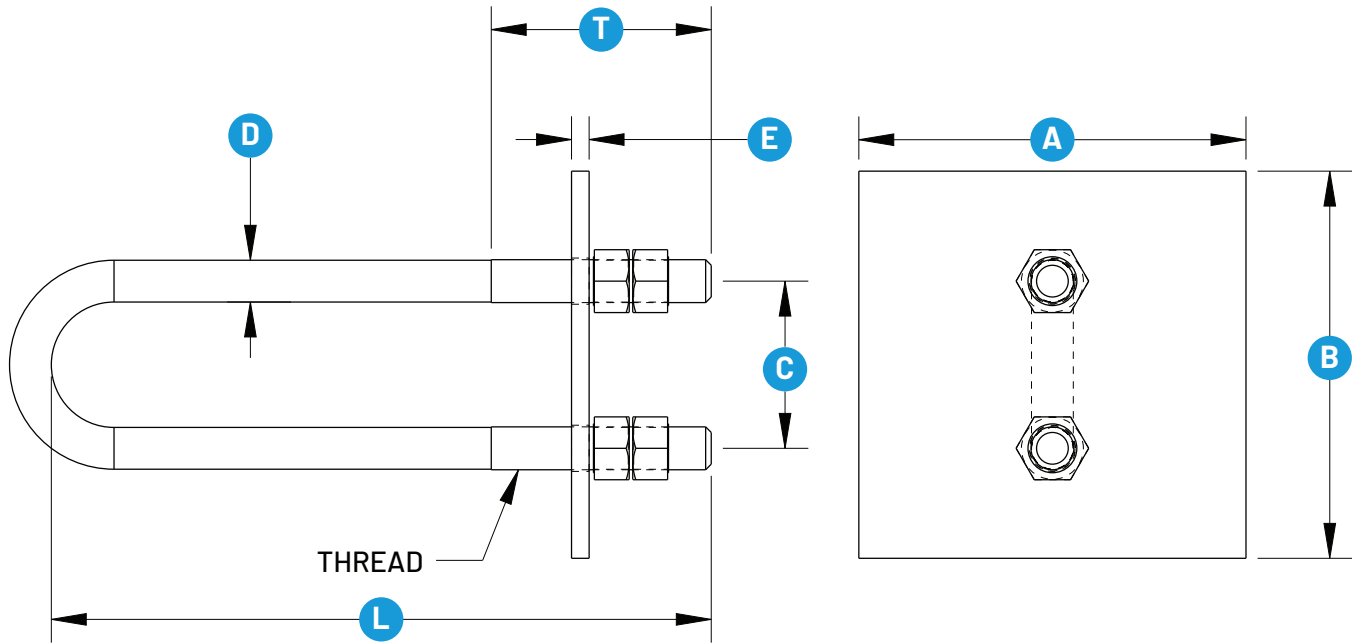
Factory assembled.

All assemblies meet Charpy Level 1 specifications (for Charpy Level specifications, see page 3 or [click here](#)).

CATALOG #	SHOULDER EYE BOLT	L - LENGTH MM (IN)	T - THREAD Ø UNC	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)
BLYEB58-06	SEB58-06	155 (6)	5/8-11	63 (14,200)	73 (16,200)
BLYEB58-08	SEB58-08	200 (8)	5/8-11	63 (14,200)	73 (16,200)
BLYEB58-10	SEB58-10	250 (10)	5/8-11	63 (14,200)	73 (16,200)
BLYEB58-12	SEB58-12	300 (12)	5/8-11	63 (14,200)	73 (16,200)
BLYEB58-14	SEB58-14	350 (14)	5/8-11	63 (14,200)	73 (16,200)
BLYEB58-16	SEB58-16	400 (16)	5/8-11	63 (14,200)	73 (16,200)
BLYEB58-18	SEB58-18	450 (18)	5/8-11	63 (14,200)	73 (16,200)
BLYEB34-06	SEB34-06	150 (6)	3/4-10	127 (28,500)	146 (32,800)
BLYEB34-08	SEB34-08	200 (8)	3/4-10	127 (28,500)	146 (32,800)
BLYEB34-10	SEB34-10	250 (10)	3/4-10	127 (28,500)	146 (32,800)
BLYEB34-12	SEB34-12	300 (12)	3/4-10	127 (28,500)	146 (32,800)
BLYEB34-14	SEB34-14	350 (14)	3/4-10	127 (28,500)	146 (32,800)
BLYEB34-16	SEB34-16	400 (16)	3/4-10	127 (28,500)	146 (32,800)
BLYEB34-18	SEB34-18	450 (18)	3/4-10	127 (28,500)	146 (32,800)
BLYEB34-20	SEB34-20	510 (20)	3/4-10	127 (28,500)	146 (32,800)
BLYEB34-22	SEB34-22	560 (22)	3/4-10	127 (28,500)	146 (32,800)
BLYEB34-24	SEB34-24	610 (24)	3/4-10	127 (28,500)	146 (32,800)
BLYEB78-08	SEB78-08	200 (8)	7/8-9	133 (29,900)	153 (34,300)
BLYEB78-10	SEB78-10	250 (10)	7/8-9	133 (29,900)	153 (34,300)
BLYEB78-12	SEB78-12	300 (12)	7/8-9	133 (29,900)	153 (34,300)
BLYEB78-14	SEB78-14	350 (14)	7/8-9	133 (29,900)	153 (34,300)
BLYEB78-16	SEB78-16	400 (16)	7/8-9	133 (29,900)	153 (34,300)
BLYEB78-18	SEB78-18	450 (18)	7/8-9	133 (29,900)	153 (34,300)
BLYEB78-20	SEB78-20	510 (18)	7/8-9	133 (29,900)	153 (34,300)
BLYEB78-22	SEB78-22	560 (22)	7/8-9	133 (29,900)	153 (34,300)

U-Bolt Assemblies - GRU-11XXX

mm (in.)



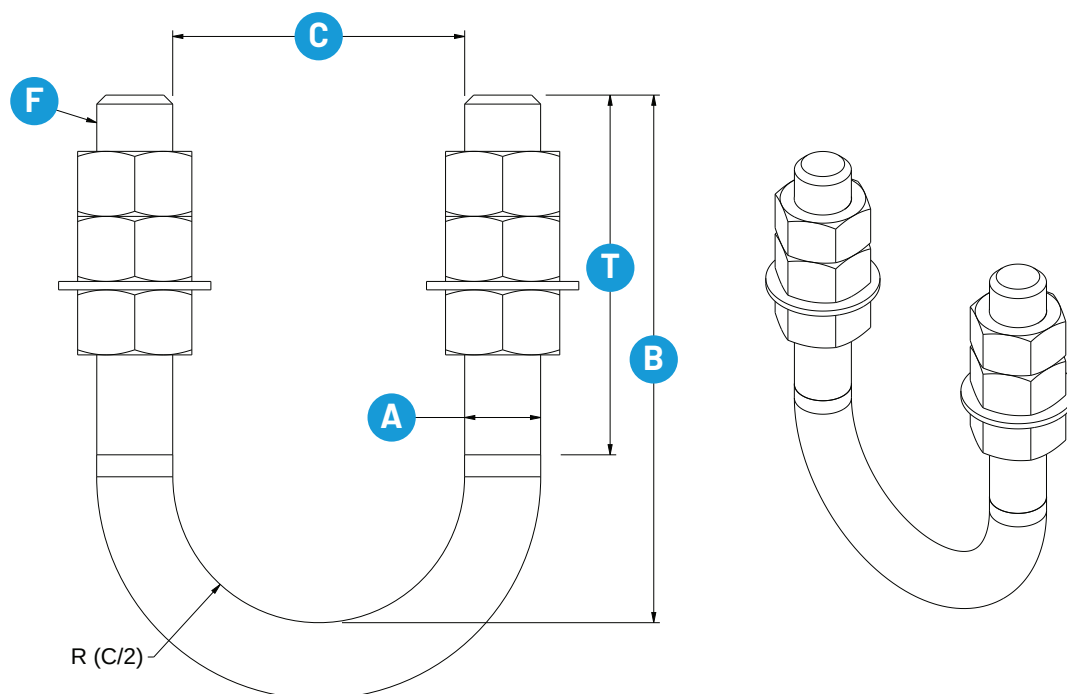
CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	D MM (IN)	E MM (IN)	T MM (IN)	L MM (IN)	THREAD Ø UNC	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
GRU-11566	130 (5.1)	130 (5.1)	58 (2.3)	16 (0.6)	13 (0.5)	125 (4.9)	250 (9.8)	5/8-11	111 (25,000)	9.1 (20.1)
GRU-11610	70 (2.8)	124 (4.9)	76 (3.0)	19 (0.7)	8 (0.3)	125 (4.9)	250 (9.8)	3/4-10	160 (36,000)	1.8 (4.0)
GRU-11612	176 (6.9)	176 (6.9)	76 (3.0)	19 (0.7)	8 (0.3)	100 (3.9)	300 (11.8)	3/4-10	160 (36,000)	3.5 (7.7)
GRU-11613	100 (3.9)	180 (7.1)	76 (3.0)	19 (0.7)	8 (0.3)	100 (3.9)	300 (11.8)	3/4-10	160 (36,000)	2.6 (5.7)
GRU-11614	176 (6.9)	176 (6.9)	76 (3.0)	19 (0.7)	8 (0.3)	100 (3.9)	355 (14.0)	3/4-10	160 (36,000)	3.8 (8.4)

GRU-11XXX meets Charpy Level 1 specifications
(for Charpy Level specifications, see page 3 or [click here](#)).

COMPONENT	MATERIAL
U-Bolt	Galvanized Steel
Hex Nut	Galvanized Steel
Plate	Galvanized Steel

U-Bolt Assemblies - GRU-251-XXX

mm (in.)



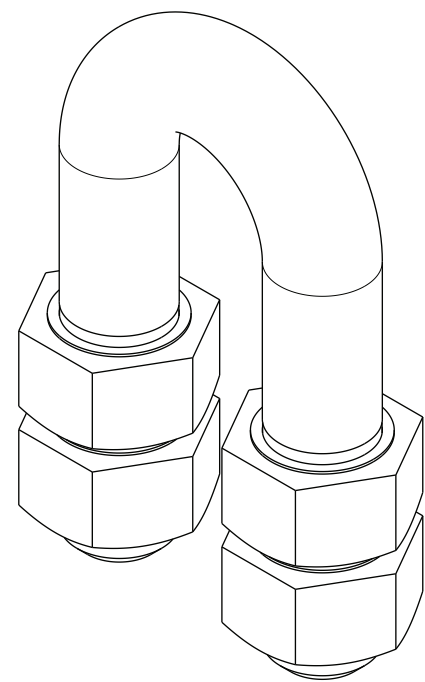
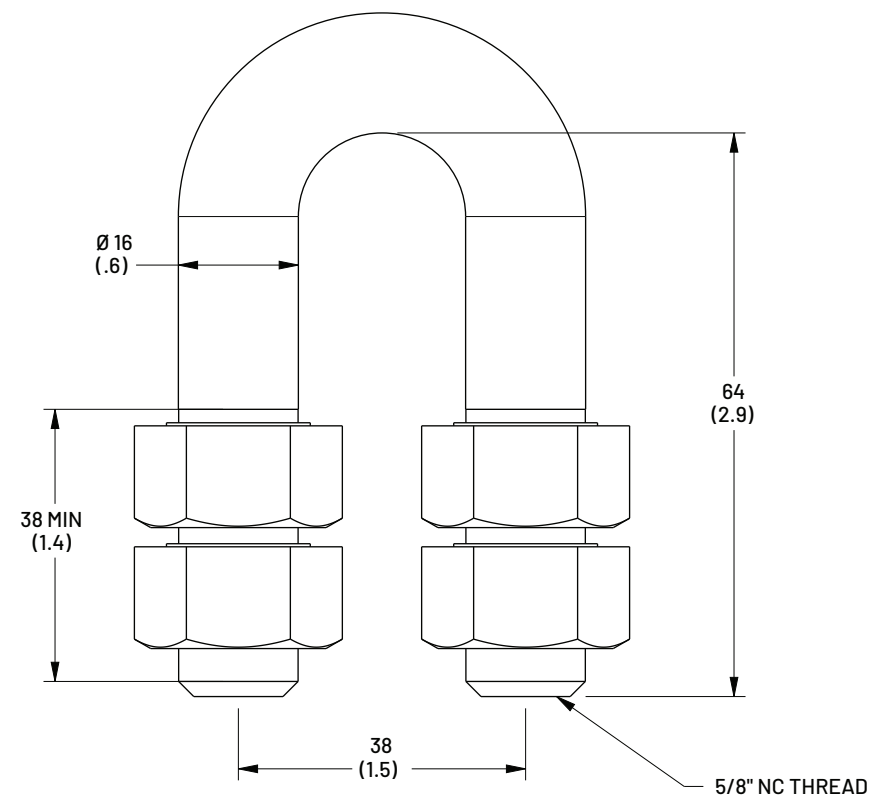
CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	T MM (IN)	F THREAD Ø UNC	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
GRU-251-2271-3C	16 (0.6)	111 (4.4)	35 (1.4)	70 (2.8)	5/8-11	160 (36,000)	0.7 (1.5)
GRU-251-2273-4C	16 (0.6)	121 (4.8)	76 (3.0)	77 (3.0)	5/8-11	160 (36,000)	0.7 (1.5)
GRU-251-2272-0C	16 (0.6)	124 (4.9)	61 (2.4)	90 (3.5)	5/8-11	160 (36,000)	0.7 (1.5)
GRU-251-1275-2C	20 (0.8)	132 (5.2)	73 (2.9)	90 (3.5)	3/4-10	222 (50,000)	1.3 (2.9)
GRU-251-2914-6C	22 (0.9)	159 (6.3)	86 (3.4)	102 (4.0)	7/8-9	311 (70,000)	1.7 (3.8)
GRU-251-A437-3C	25 (1.0)	178 (7.0)	102 (4.0)	112 (4.4)	1-8	409 (92,000)	2.3 (5.1)

GRU-251-XXX meets Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or [click here](#)).

COMPONENT	MATERIAL
U-Bolt	Galvanized Steel
Hex Nut	Galvanized Steel
Washer	Galvanized Steel

U-Bolt Assemblies - UB-11503

mm (in.)



CATALOG #	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
UB-11503	96 (21,600)	111 (25,000)	0.8 (1.8)

UB-11503 meets Charpy Level 1 specifications
(for Charpy Level specifications, see page 3 or [click here](#)).

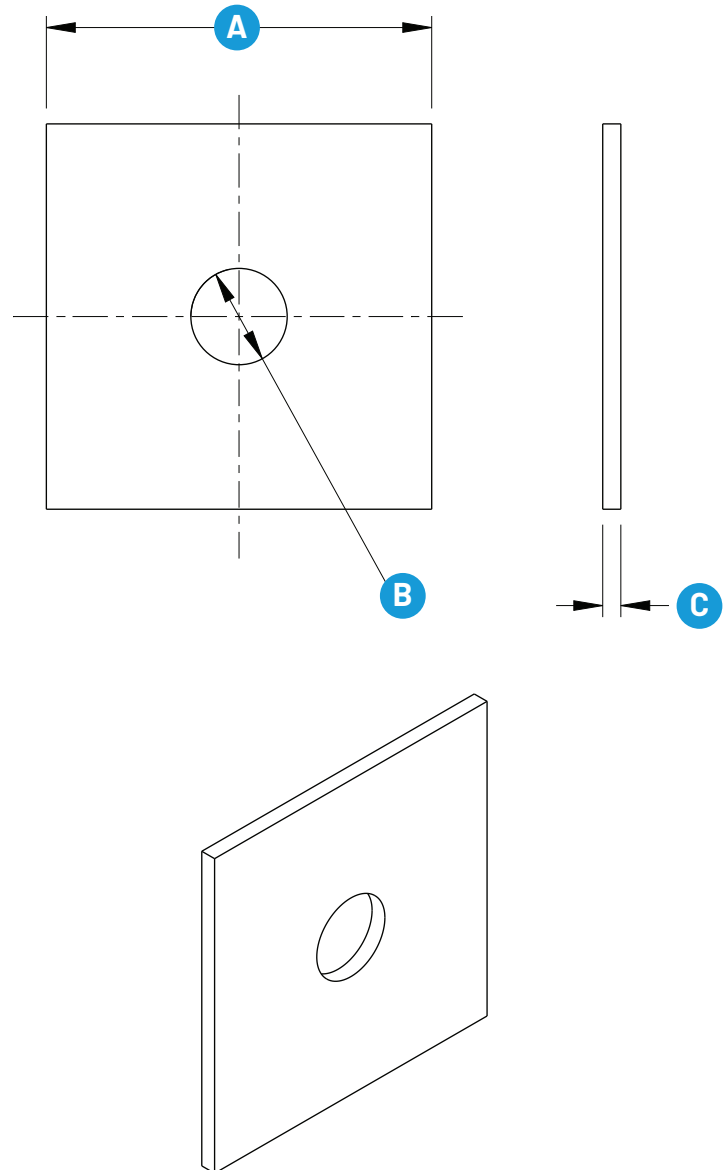
COMPONENT	MATERIAL
U-Bolt	Galvanized Steel
Hex Nut	Galvanized Steel

Square Washers: Flat

Plate and Curved washers are used in conjunction with Machine, Double Arming, Oval Eye and Thimble Eye bolts.

mm (in.)

CATALOG #	A MM (IN)	B Ø IN	C IN
FWSQ-150-0916-125	38 (1.5)	9/16	1/8
FWSQ-002-1332-188	51 (2.0)	13/32	3/16
FWSQ-002-0916-125		9/16	1/8
FWSQ-002-0916-188		9/16	3/16
FWSQ-002-1116-125		11/16	1/8
FWSQ-002-1116-250		11/16	1/4
FWSQ-002-1116-188		11/16	3/16
FWSQ-002-1316-188		13/16	3/16
FWSQ-002-1316-313		13/16	5/16
FWSQ-002-1416-188		7/8	3/16
FWSQ-225-1116-188	57 (2.25)	11/16	3/16
FWSQ-225-1116-250		11/16	1/4
FWSQ-225-1316-188		13/16	3/16
FWSQ-003-1116-250	76 (3.0)	11/16	1/4
FWSQ-003-1316-188		13/16	3/16
FWSQ-003-1316-250		13/16	1/4
FWSQ-003-1316-313		13/16	5/16
FWSQ-325-1316-313	80 (3.25)	13/16	5/16
FWSQ-004-1316-250	102 (4.0)	13/16	1/4
FWSQ-004-1316-313		13/16	5/16
FWSQ-004-1516-125		15/16	1/8
FWSQ-004-1516-188		15/16	3/16
FWSQ-004-1516-250		15/16	1/4
FWSQ-004-1516-375		15/16	3/8
FWSQ-004-1716-375		1-1/16	3/8

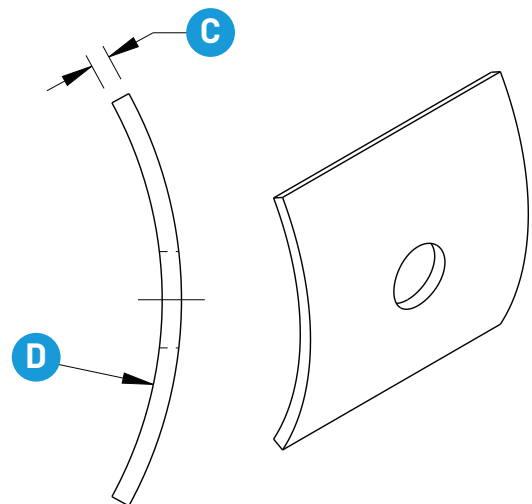
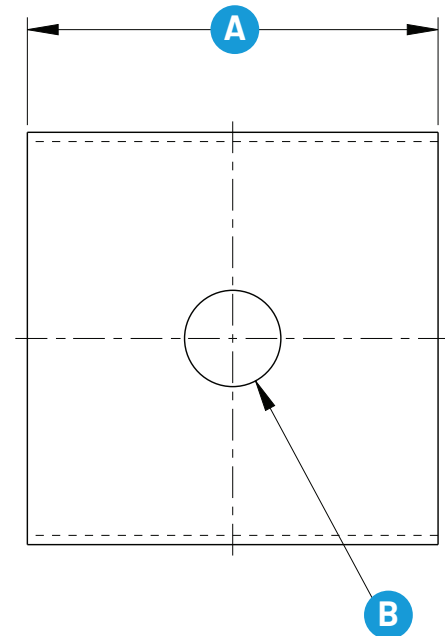


Square Washers: Curved

Plate and Curved washers are used in conjunction with Machine, Double Arming, Oval Eye and Thimble Eye bolts.

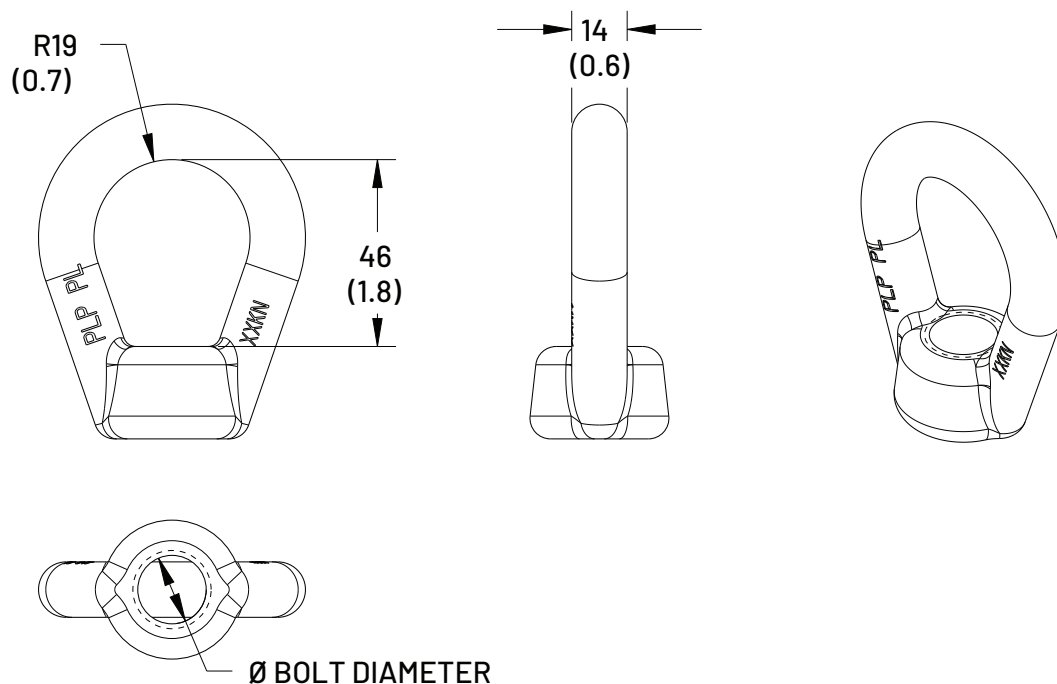
mm (in.)

CATALOG #	A MM (IN)	B Ø IN	C IN	D MM (IN)
CWSQ-150-1316-250	38 (1.5)	13/16	1/4	
CWSQ-002-1116-188		11/16	3/16	
CWSQ-002-1116-250	51 (2.0)	11/16	1/4	
CWSQ-002-1316-250		13/16	1/4	
CWSQ-002-1316-313		13/16	5/16	
CWSQ-225-1116-188	57 (2.25)	11/16	3/16	
CWSQ-225-1116-250		11/16	1/4	
CWSQ-003-1116-188		11/16	3/16	
CWSQ-003-1116-250	76 (3.0)	11/16	1/4	
CWSQ-003-1316-250		13/16	1/4	
CWSQ-003-1316-313		13/16	5/16	
CWSQ-325-1316-313	80 (3.25)	13/16	5/16	100 (4.0)
CWSQ-004-1316-188		13/16	3/16	
CWSQ-004-1316-250		13/16	1/4	
CWSQ-004-1316-313		13/16	5/16	
CWSQ-004-1316-375	102 (4.0)	13/16	3/8	
CWSQ-004-1516-250		15/16	1/4	
CWSQ-004-1516-375		15/16	3/8	
CWSQ-004-1716-375		1-1/16	3/8	
CWSQ-005-1316-375	127 (5.0)	13/16	3/8	
CWSQ-005-1516-375		15/16	3/8	
CWSQ-006-1316-250		13/16	1/4	
CWSQ-006-1316-500	152 (6.0)	13/16	1/2	
CWSQ-006-1816-500		1-1/8	1/2	



Oval Eye Nut

mm (in.)



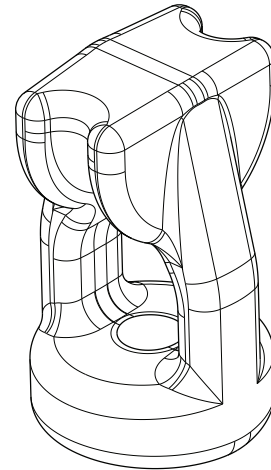
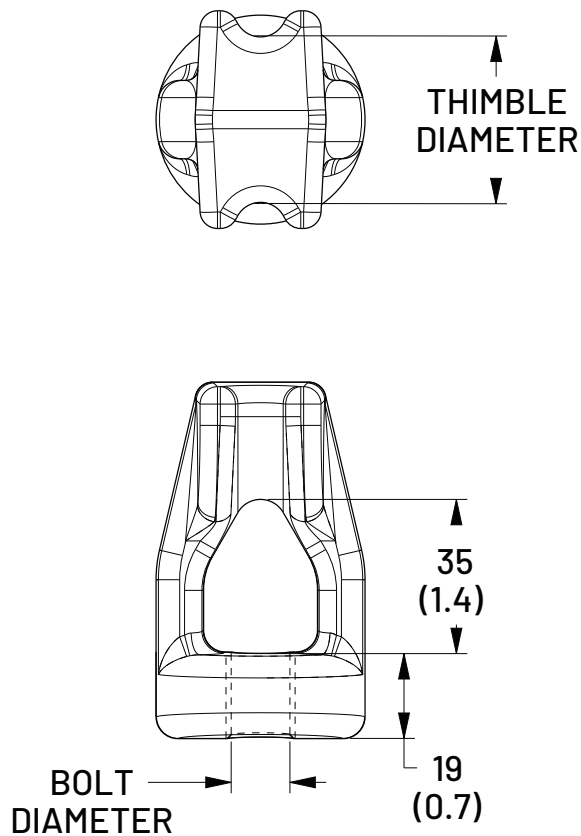
CATALOG #	FITS BOLT Ø IN	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED PART WEIGHT KG (LBS)
EN-3C	3/8	24 (5,400)	28 (6,300)	0.3 (0.7)
EN-5C	5/8	54 (12,000)	63 (14,200)	0.3 (0.7)
EN-6C	3/4	84 (18,900)	98 (22,000)	0.3 (0.7)

All Oval Eye Nuts meet Charpy Level 1 specifications
(for Charpy Level specifications, see page 3 or [click here](#)).

COMPONENT	MATERIAL
Body	Galvanized Forged Steel

Thimble Eye Nut

mm (in.)



CATALOG #	FITS BOLT Ø IN	THIMBLE Ø MM (IN)	MAXIMUM STRAND SIZE IN	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED PART WEIGHT KG (LBS)
TEN-58C	5/8	38 (1.5)	1/2	54 (12,000)	63 (14,200)	0.6 (1.3)
TEN-34C	3/4	38 (1.5)	1/2	54 (12,000)	63 (14,200)	0.6 (1.3)

All Thimble Eye Nuts meet Charpy Level 1 specifications
(for Charpy Level specifications, see page 3 or [click here](#)).

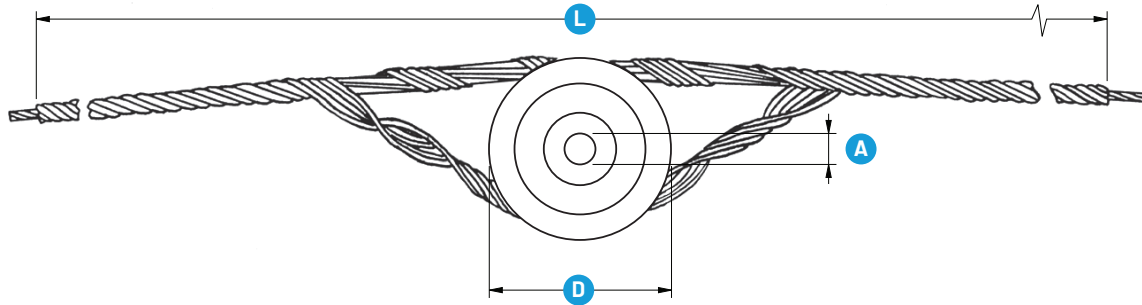
Non-Charpy Option: Contact sales@preformed.ca

COMPONENT	MATERIAL
Body	Forged Galvanized Steel

Twin Grip Suspension

Preformed Line Products Twin Grip suspension units are used to secure galvanized steel strand to the pole. Twin Grip Suspensions can be purchased with either an Aluminum or Galvanized Ductile Iron Sheave.

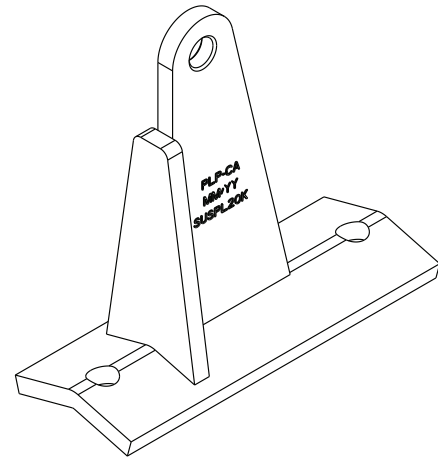
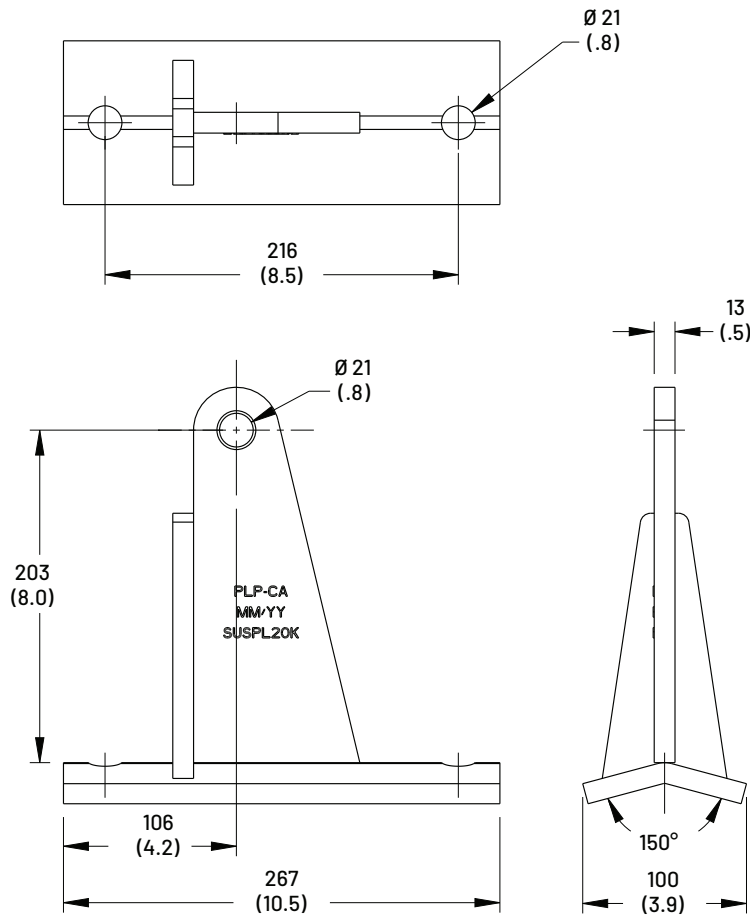
mm (in.)



CATALOG #	CABLE Ø IN	L APPROX. APPLIED LENGTH MM (IN)	D SHEAVE Ø IN	SHEAVE MATERIAL	A HOLE Ø IN	SHEAVE #	ROD #
TGS-2500	1/4	991 (39)	2 7/8	Aluminum	13/16	60213	4602100
TGSMS-3591D	1/4	991 (39)	2 7/8	Ductile Iron	13/16	T-60192	4602100
TGSMS-3591	1/4	991 (39)	2 7/8	Aluminum	11/16	60308	4602100
TGSMS-3591D11	1/4	991 (39)	2 7/8	Ductile Iron	11/16	T-60192A	4602100
TGS-2502	5/16	1016 (40)	2 7/8	Aluminum	13/16	60213	4602102
TGSMS-4855D	5/16	1016 (40)	2 7/8	Ductile Iron	13/16	T-60192	4602102
TGSMS-4855	5/16	1016 (40)	2 7/8	Aluminum	11/16	60308	4602102
TGSMS-4855D11	5/16	1016 (40)	2 7/8	Ductile Iron	11/16	T-60192A	4602102
TGS-2503	3/8	1321 (52)	3 3/8	Aluminum	13/16	60211	4602103
TGSMS-4856D	3/8	1321 (52)	3 3/8	Ductile Iron	13/16	T-60108	4602103
TGSMS-4856	3/8	1321 (52)	3 3/8	Aluminum	11/16	60309	4602103
TGSMS-4856D11	3/8	1321 (52)	3 3/8	Ductile Iron	11/16	T-60108A	4602103
TGS-2504	7/16	1346 (53)	3 3/8	Aluminum	13/16	60211	4602104
TGSMS-4857D	7/16	1346 (53)	3 3/8	Ductile Iron	13/16	T-60108	4602104
TGSMS-4857	7/16	1346 (53)	3 3/8	Aluminum	11/16	60309	4602104
TGSMS-4857D11	7/16	1346 (53)	3 3/8	Ductile Iron	11/16	60197	4602104
TGSMS-4858D11	1/2	1829 (72)	3 3/8	Ductile Iron	11/16	T-60108A	4602105
TGS-2505	1/2	1829 (72)	4 1/2	Aluminum	13/16	60212	4602105

Suspension Plate

mm (in.)



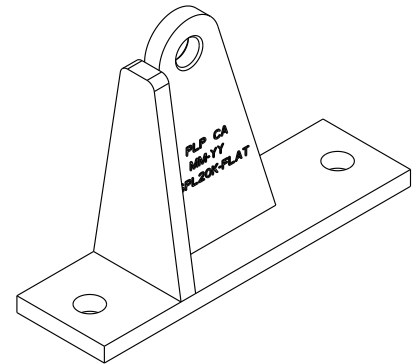
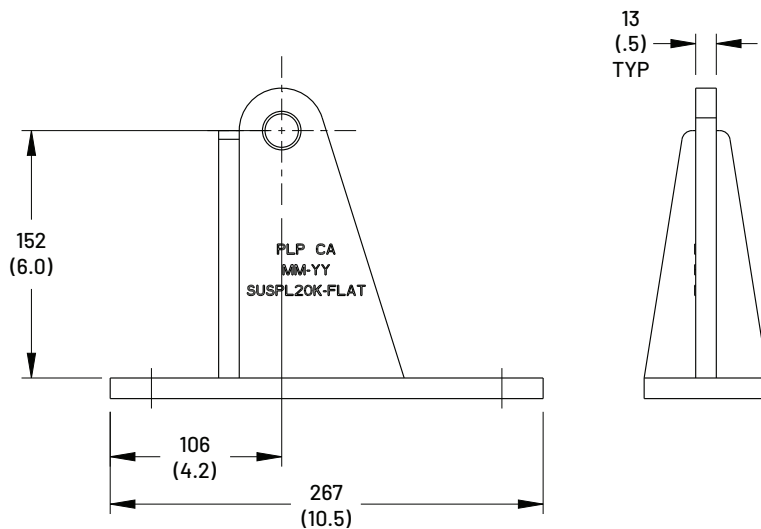
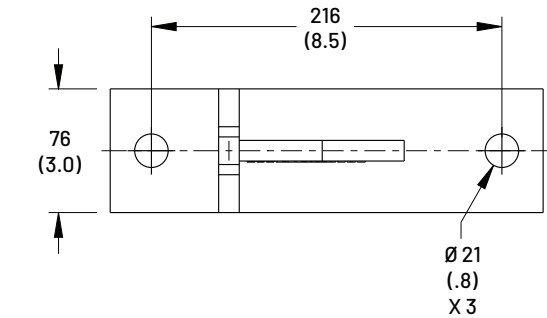
CATALOG #	RATED BREAKING STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED PART WEIGHT KG (LBS)
SUSPL20K	75 (17,000)	89 (20,000)	5.0 (11.0)
SUSPL20KC	75 (17,000)	89 (20,000)	5.0 (11.0)

SUSPL20KC meets Charpy Level 1 specifications
(for Charpy Level specifications, see page 3 or [click here](#)).

COMPONENT	MATERIAL
Plate	Galvanized Steel

Suspension Plate Flat

mm (in.)



CATALOG #	RATED BREAKING STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED PART WEIGHT KG (LBS)
SUSPL20K-FLAT	75 (17,000)	89 (20,000)	4.1 (9.0)

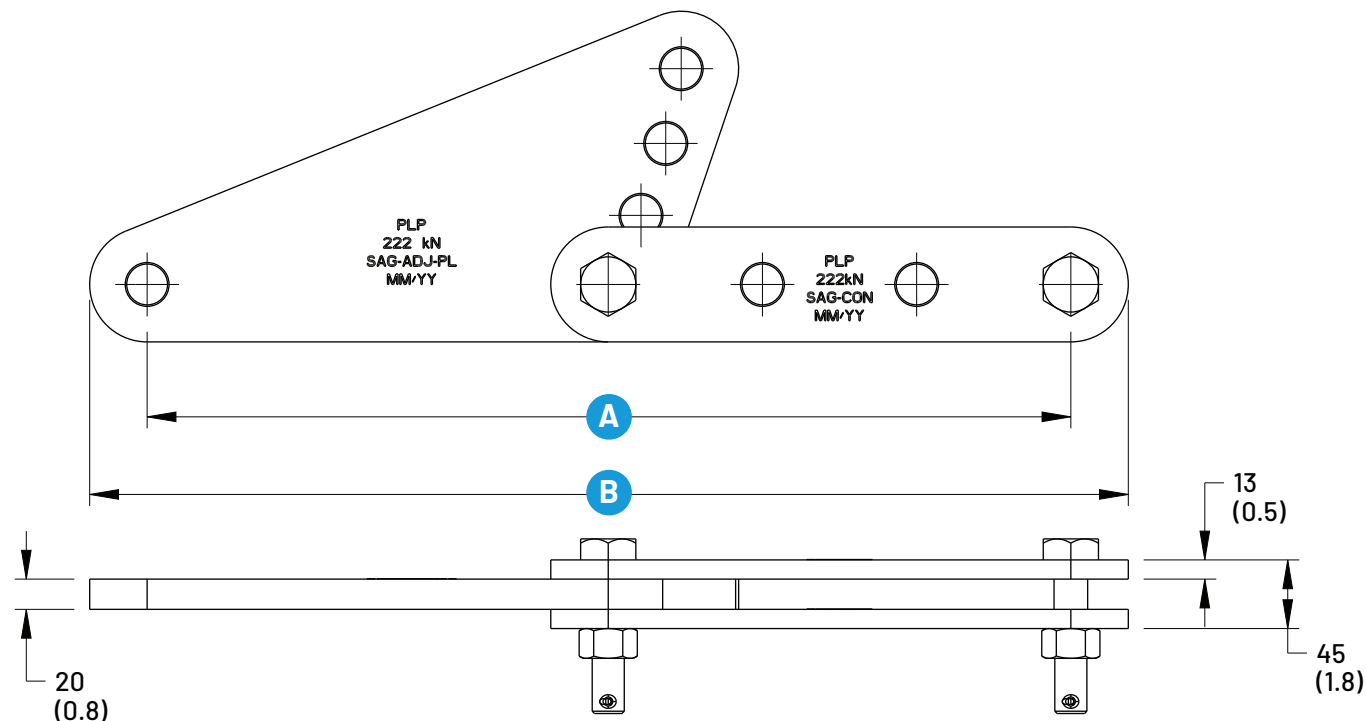
SUSPL20K-FLAT meets Charpy Level 1 specifications
(for Charpy Level specifications, see page 3 or [click here](#)).

COMPONENT	MATERIAL
Plate	Galvanized Steel

Sag Adjustment Assembly - SAG-ADJ-XXX

Sag Adjustment Assemblies are used to equalize the tension of bundled conductors.

mm (in.)



CATALOG #	A MM (IN)	B MM (IN)	BOLT Ø IN	ADJUSTMENT MM (IN)	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
SAG-ADJ-155	611 (24.1)	687 (27.0)	7/8	280 (11.0)	222 (49,900)	255 (57,300)	12.7 (28.0)
SAG-ADJ-50K	631 (24.8)	697 (27.4)	3/4	293 (11.5)	222 (49,900)	255 (57,300)	12.7 (28.0)

SAG-ADJ-XXX meets Charpy Level 1 specifications.

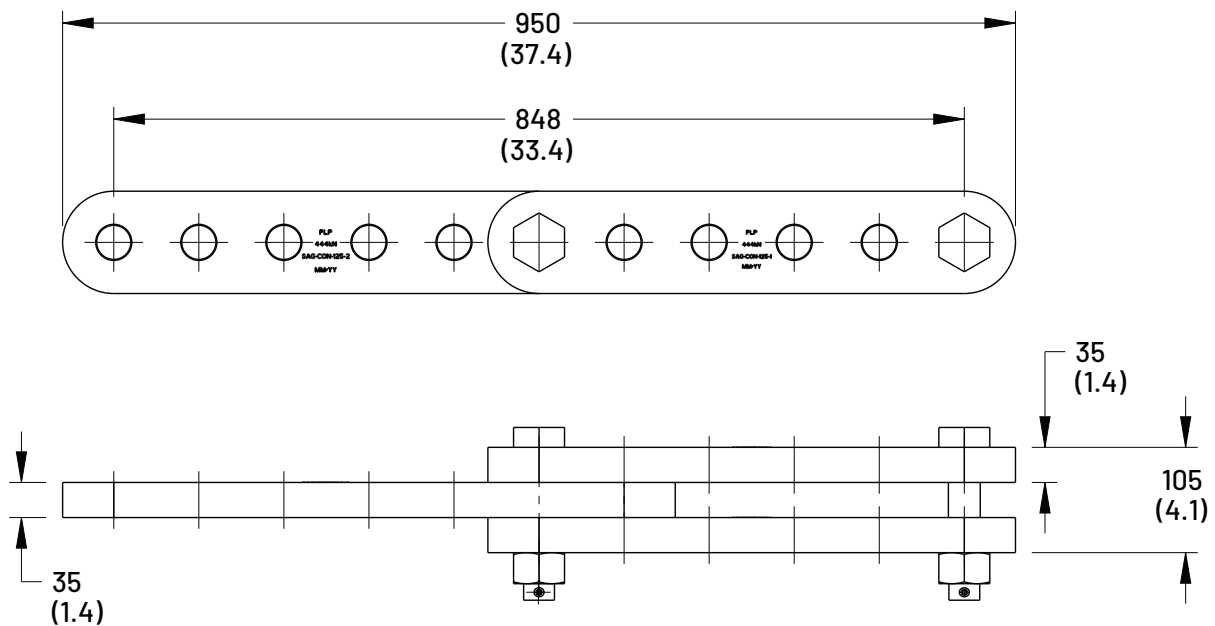
Add -L2 suffix (SAG-ADJ-XXX-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or [click here](#)).

COMPONENT	MATERIAL
Body	Galvanized Steel
Bolt	Galvanized Steel
Cotter Pins	Stainless Steel

Sag Adjustment Assembly - SAG-ADJ-100K

Sag Adjustment Assemblies are used to equalize the tension of bundled conductors.

mm (in.)



CATALOG #	BOLT Ø IN	ADJUSTMENT MM (IN)	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
SAG-ADJ-100K	1-1/4	255 (10.0)	444 (100,000)	511 (114,000)	41.0 (90.0)

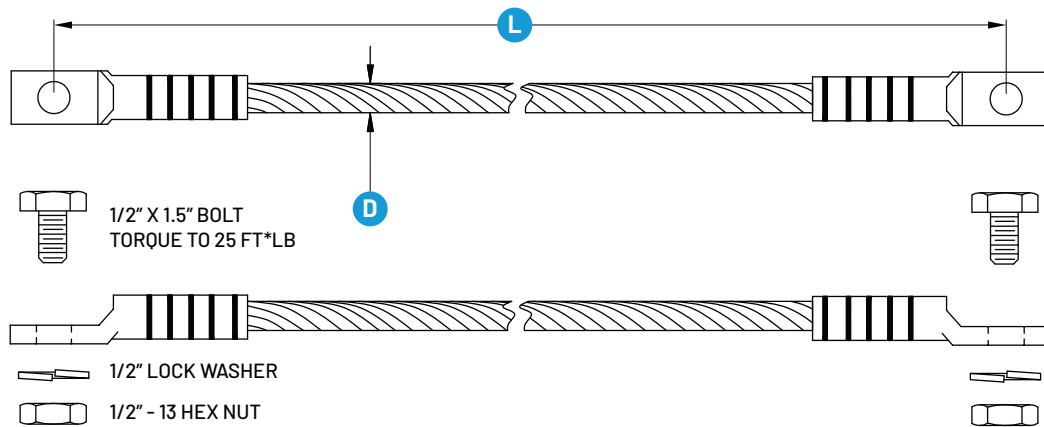
AG-ADJ-100K meets Charpy Level 1 specifications.

Add -L2 suffix (SAG-ADJ-100K-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Body	Galvanized Steel
Bolt	Galvanized Steel
Cotter Pins	Stainless Steel

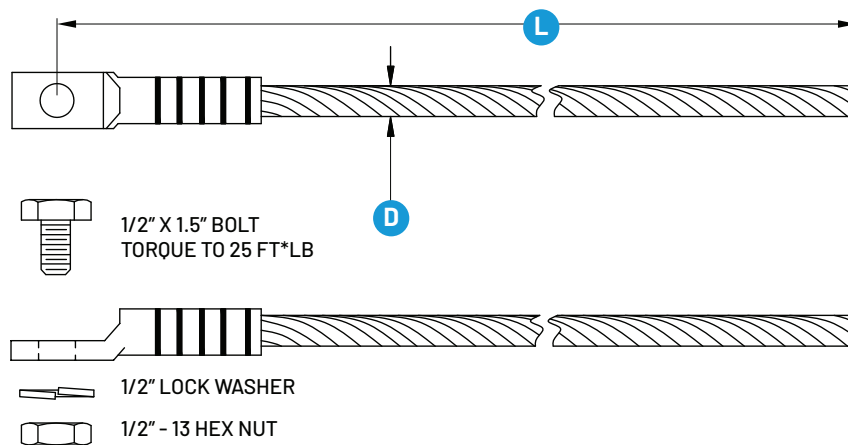
Flexible Ground Wire Assemblies

mm (in.)



NOTE: 2 bolts, 2 lock washers and 2 hex nuts (as shown) are included in each assembly.

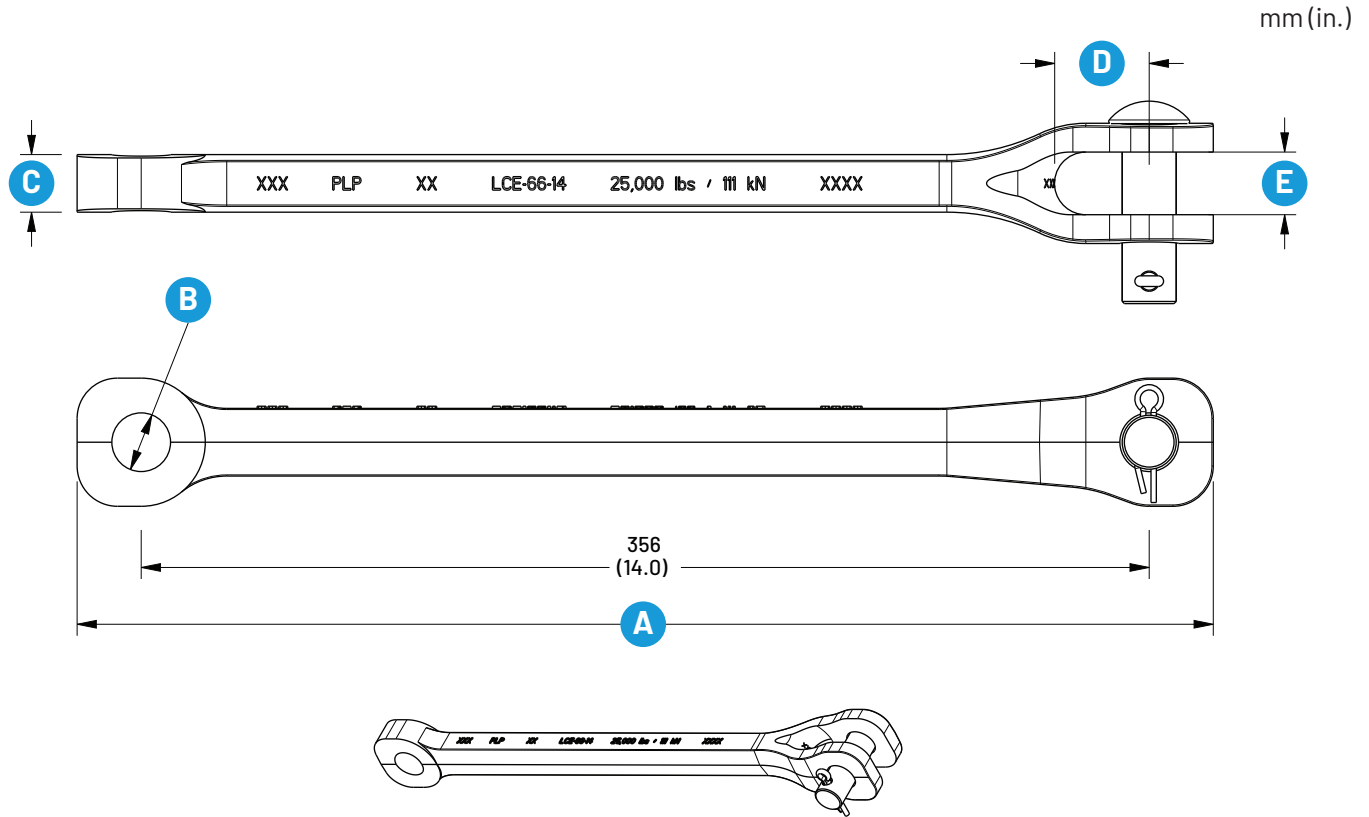
CATALOG #	L MM (FT)	D DIAMETER IN	DESCRIPTION	FAULT CURRENT RATING (KA2S)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
710010015SS	1258 (4.1)	1/2	#4, 7 strand x 85 strand, 32 gauge, tinned Copper with 2 lugs	35	0.9 (1.9)
710010015SP	1271 (4.2)	7/16	1/0, 19 strand x 60 strand, 30 gauge, tinned Copper, with 2 lugs	165	0.4 (0.9)



NOTE: 1 bolt, 1 lock washer and 1 hex nut (as shown) are included in each assembly.

CATALOG #	L MM (FT)	D DIAMETER IN	DESCRIPTION	FAULT CURRENT RATING (KA2S)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
710010015SS-2.0-1	629 (2)	1/4	#4, 7 strand x 85 strand, 32 gauge, tinned Copper with 1 lug	35	0.4 (0.9)

Extension Link



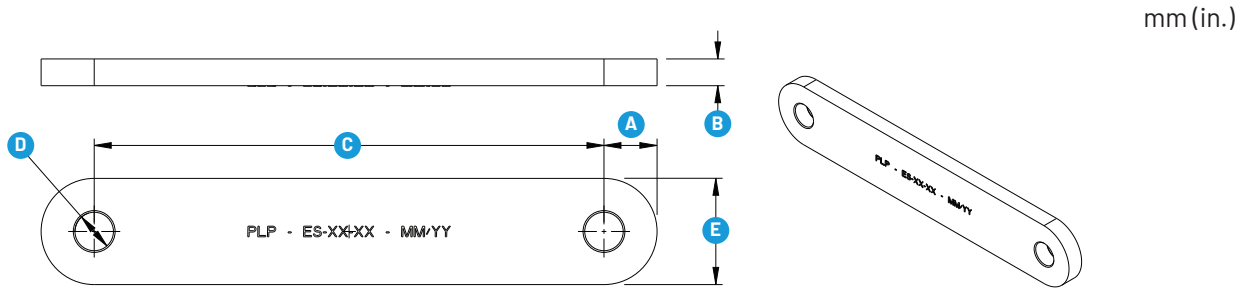
CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	D MM (IN)	E MM (IN)	BOLT OR PIN Ø IN	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
71002366C	394 (15.5)	17.5 (0.7)	15.7 (0.6)	31 (1.2)	19 (0.8)	5/8	130 (29,200)	149 (33,400)	1.1 (2.4)

71002366C meets Charpy Level 1 specifications.

Add -L2 suffix (71002366C-L2)
for parts which meet Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Body	Galvanized Steel
Bolt	Galvanized Steel
Cotter Pin	Stainless Steel

Extension Strap



DISTANCE BETWEEN HOLE CENTERS (in)

ES-XX-XXC(-L2)

STRENGTH RATING (x 1000 LBS)

CHARPY LEVEL 2 OPTION

CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	D MM (IN)	E MM (IN)	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)
ES-30-05CX500	38 (1.5)	13 (0.5)	127 (5.0)	21 (0.7)	51 (2.0)	116 (25,500)	133 (30,000)
ES-50-05CX750	38 (1.5)	19 (0.8)	127 (5.0)	21 (0.7)	51 (2.0)	193 (43,400)	222 (50,000)
ES-30-06C	25 (1.0)	13 (0.5)	152 (6.0)	22 (0.7)	51 (2.0)	116 (25,500)	133 (30,000)
ES-30-09C	19 (0.8)	16 (0.6)	229 (9.0)	18 (0.7)	38 (1.5)	116 (25,500)	133 (30,000)
ES-30-12C	32 (1.3)	16 (0.6)	305 (12.0)	23 (0.9)	64 (2.5)	116 (25,500)	133 (30,000)
ES-30-14C	25 (1.0)	16 (0.6)	356 (14.0)	18 (0.7)	51 (2.0)	116 (25,500)	133 (30,000)
ES-30-48C	32 (1.3)	16 (0.6)	1219 (48.0)	21 (0.8)	64 (2.5)	116 (25,500)	133 (30,000)
ES-50-06C	38 (1.5)	19 (0.8)	152 (6.0)	21 (0.8)	76 (3.0)	222 (50,000)	255 (57,300)
ES-50-09C	38 (1.5)	19 (0.8)	229 (9.0)	21 (0.8)	76 (3.0)	222 (50,000)	255 (57,300)
ES-50-16C	32 (1.3)	19 (0.8)	406 (16.0)	21 (0.8)	64 (2.5)	222 (50,000)	255 (57,300)
ES-50-24C	32 (1.3)	19 (0.8)	610 (24.0)	21 (0.8)	64 (2.5)	222 (50,000)	255 (57,300)
ES-60-06C	38 (1.5)	19 (0.8)	152 (6.0)	23 (0.9)	76 (3.0)	267 (60,000)	307 (69,000)
ES-60-12C	38 (1.5)	19 (0.8)	305 (12.0)	23 (0.9)	76 (3.0)	267 (60,000)	307 (69,000)
ES-75-16C	38 (1.7)	25 (1.0)	406 (16.0)	31 (1.2)	76 (3.0)	333 (75,000)	383 (86,100)
ES-75-32C	43 (1.7)	25 (1.0)	813 (32.0)	31 (1.2)	86 (3.4)	333 (75,000)	383 (86,100)
ES-100-09C	51 (2.0)	25 (1.0)	229 (9.0)	34 (1.3)	102 (4.0)	444 (100,000)	511 (114,900)
ES-100-18C	51 (2.0)	25 (1.0)	457 (18.0)	34 (1.3)	102 (4.0)	444 (100,000)	511 (114,900)

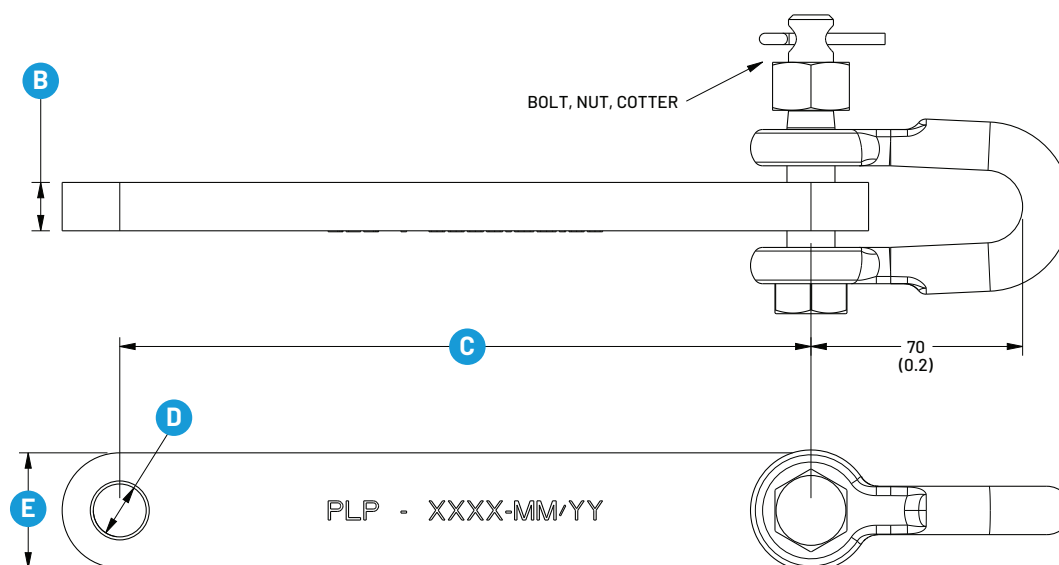
Contact PLP for any other configurations and estimated part weights.

ES-XX-XXC meets Charpy Level 1 specifications and CSA C83 requirements for energy absorption/toughness. Add -L2 suffix (ES-XX-XXC-L2) for parts which meet Charpy Level 2 specifications (for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Body	Galvanized Steel

Extension Straps with Anchor Shackle(s)

mm (in.)



ES-30-XXCAS (X2)

DISTANCE BETWEEN HOLE CENTERS (in)

OPTIONAL ASSEMBLY WITH TWO SHACKLES

CATALOG #	B MM (IN)	C MM (IN)	D MM (IN)	E MM (IN)	BOLT Ø IN	AS-133C SHACKLE QUANTITY	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)
ES-30-09CAS	13 (0.5)	229 (9.0)	18 (0.7)	51 (2.0)	5/8	1	116 (25,500)	133 (30,000)
ES-30-14CAS	16 (0.6)	356 (14.0)	21 (0.8)	51 (2.0)	5/8	1	133 (30,000)	153 (34,500)

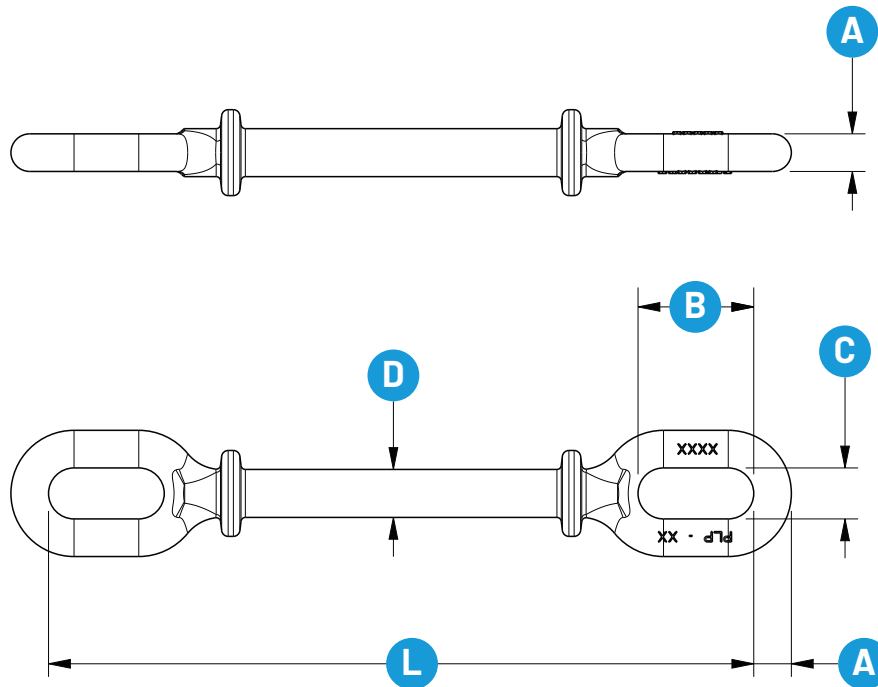
Contact PLP for any other configurations and estimated part weights.

ES-30-XXCASXX meets Charpy Level 1 specifications
(for Charpy Level specifications, see page 3 or click here).

COMPONENT	MATERIAL
Extension Strap	Galvanized Steel
Anchor Shackle	Forged Galvanized Steel

Eye-Eye Link

mm (in.)



EEL-XXX-XXC

STRENGTH RATING (kN) LENGTH L (in)

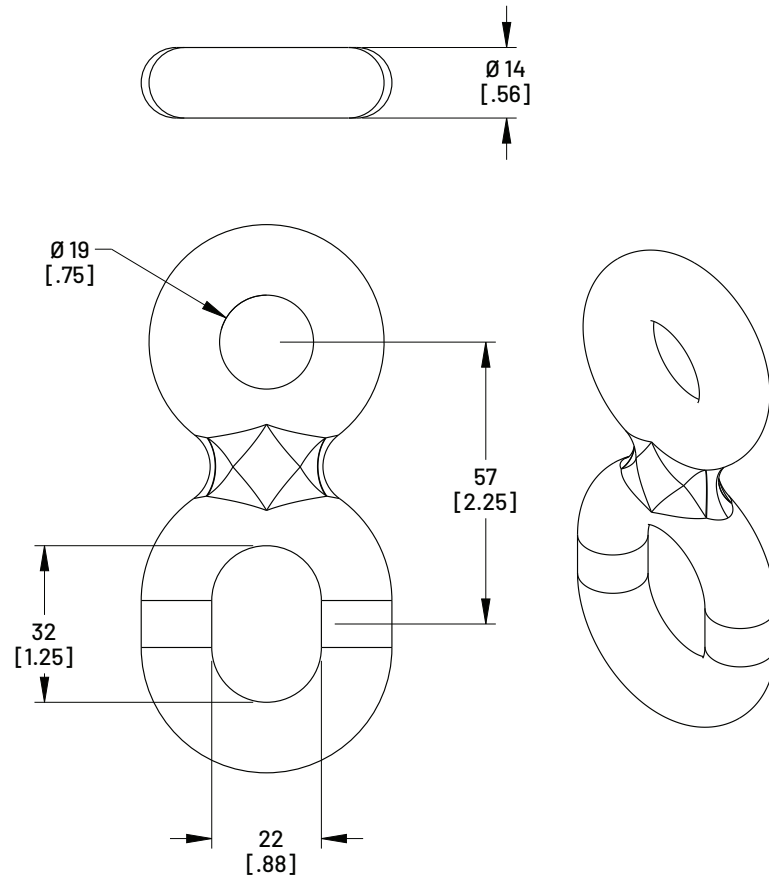
CATALOG #	A MM (IN)	B MM (IN)	C MM (IN)	D MM (IN)	L MM (IN)	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)
EEL-120-12C	18 (0.7)	54 (2.1)	24 (0.9)	22 (0.9)	305 (12)	120 (27,000)	138 (31,000)
EEL-220-12C	24 (0.9)	63 (2.5)	29 (1.1)	25 (1.0)	305 (12)	220 (49,400)	253 (56,800)

EEL-XXX-12C meets Charpy Level 1 specifications
(for Charpy Level specifications, see page 3 or [click here](#)).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel

Eye-Eye Link

mm (in.)



EEL-XXX-XXC

STRENGTH RATING (kN) LENGTH L (in)

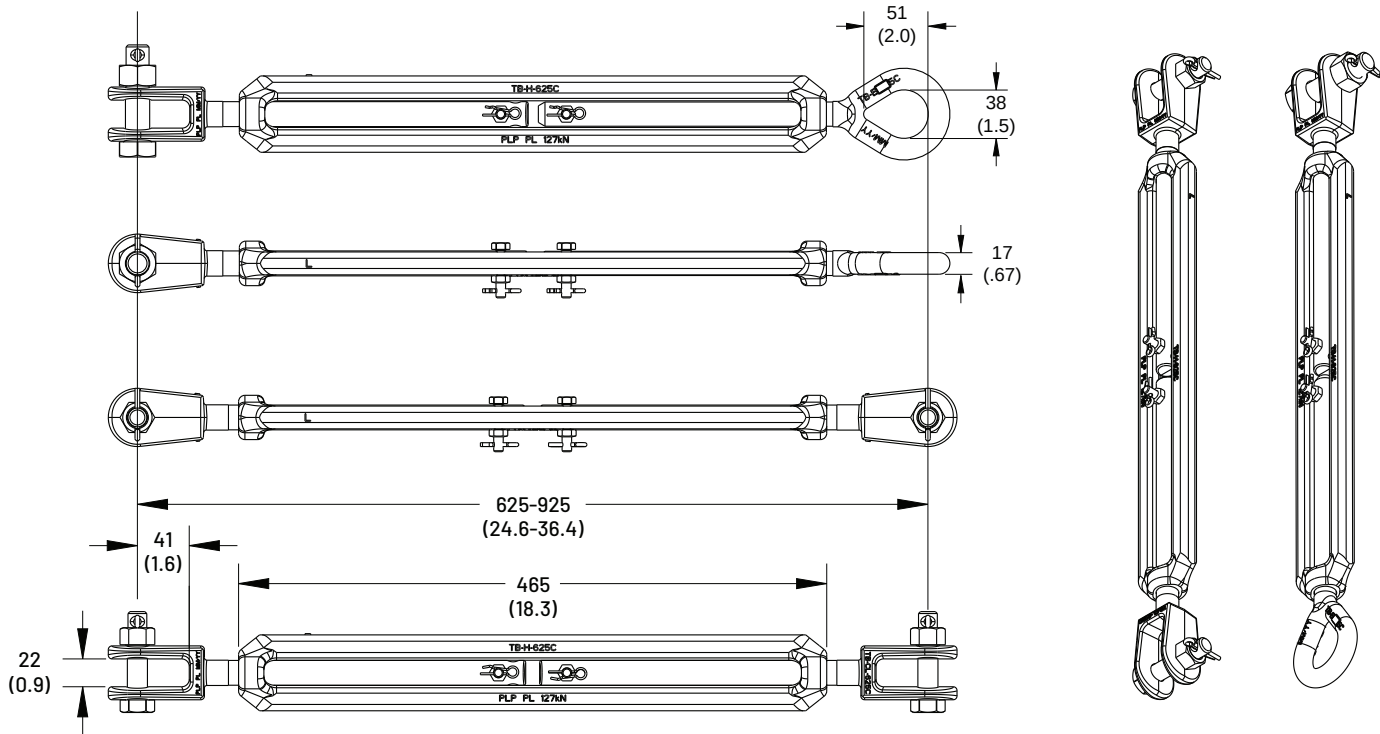
CATALOG #	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)
EEL-120-2C	120 (27,000)	138 (31,000)

EEL-120-2C meets Charpy Level 1 specifications
(for Charpy Level specifications, see page 3 or [click here](#)).

COMPONENT	MATERIAL
Body	Forged Galvanized Steel

Turnbuckles

mm (in.)



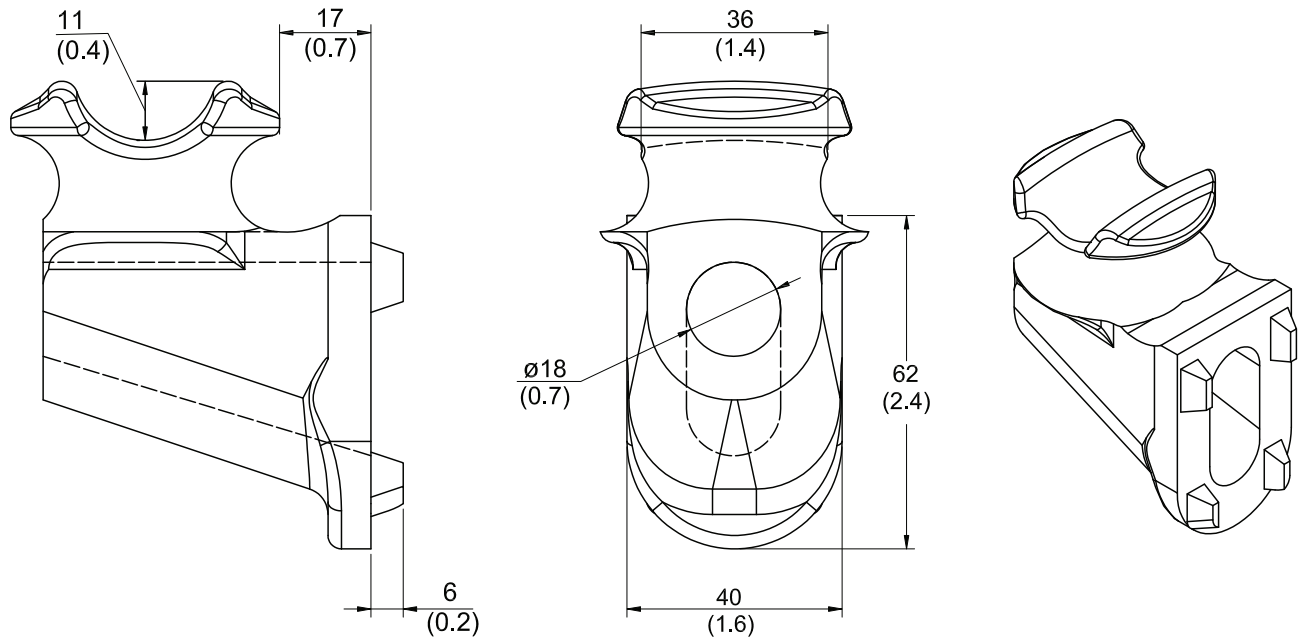
CATALOG #	ATTACHMENT TYPE	BOLT Ø IN	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
TBCC-625C	Clevis - Clevis	5/8	127 (28,500)	146 (32,800)	5.5 (12.1)
TBCC-625C-01	Clevis - Clevis	3/4	127 (28,500)	146 (32,800)	5.6 (12.3)
TBCE-625C	Clevis - Eye	5/8	127 (28,500)	146 (32,800)	4.5 (10.0)
TBCE-625C-01	Clevis - Eye	3/4	127 (28,500)	146 (32,800)	4.5 (10.0)
TBEE-625C	Eye - Eye	N/A	127 (28,500)	146 (32,800)	4.3 (9.5)

TBXX-625C meets Charpy Level 2 specifications
(for Charpy Level specifications, see page 3 or [click here](#)).

Tie Top Neutral Wire Bracket

Non-insulated neutral wire brackets are used on rural lines. They accommodate up to 1/2" or smaller neutral wires that are tied into the groove. A 5/8" lag or through bolt is required to attach the bracket to the pole.

mm (in.)

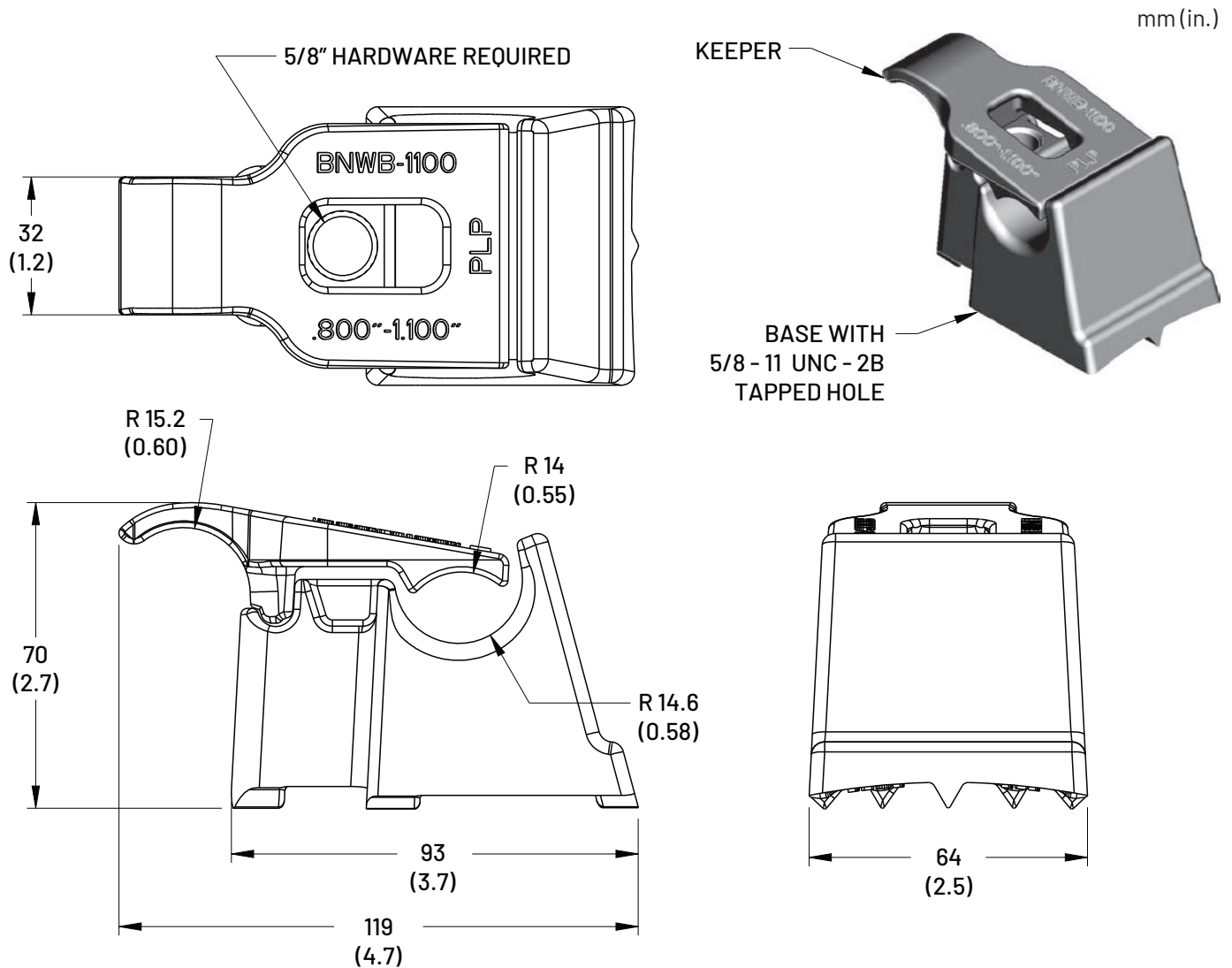


CATALOG #	MAXIMUM STRAND SIZE IN	ESTIMATED PART WEIGHT KG (LBS)	COMPONENT	MATERIAL
T-NWB-5A	1/2	0.2 (0.4)	Body	Aluminum Alloy

T-NWB-5A is tested to CSA-C83 specifications.

Bolted Neutral Wire Bracket with Clamp

The bolted neutral wire bracket (with clamp) is advantageous over the tie top neutral wire bracket because it does not require tie wire due to its clamping mechanism. A 5/8" threaded bolt is required to attach the bracket to the pole. The base is threaded.



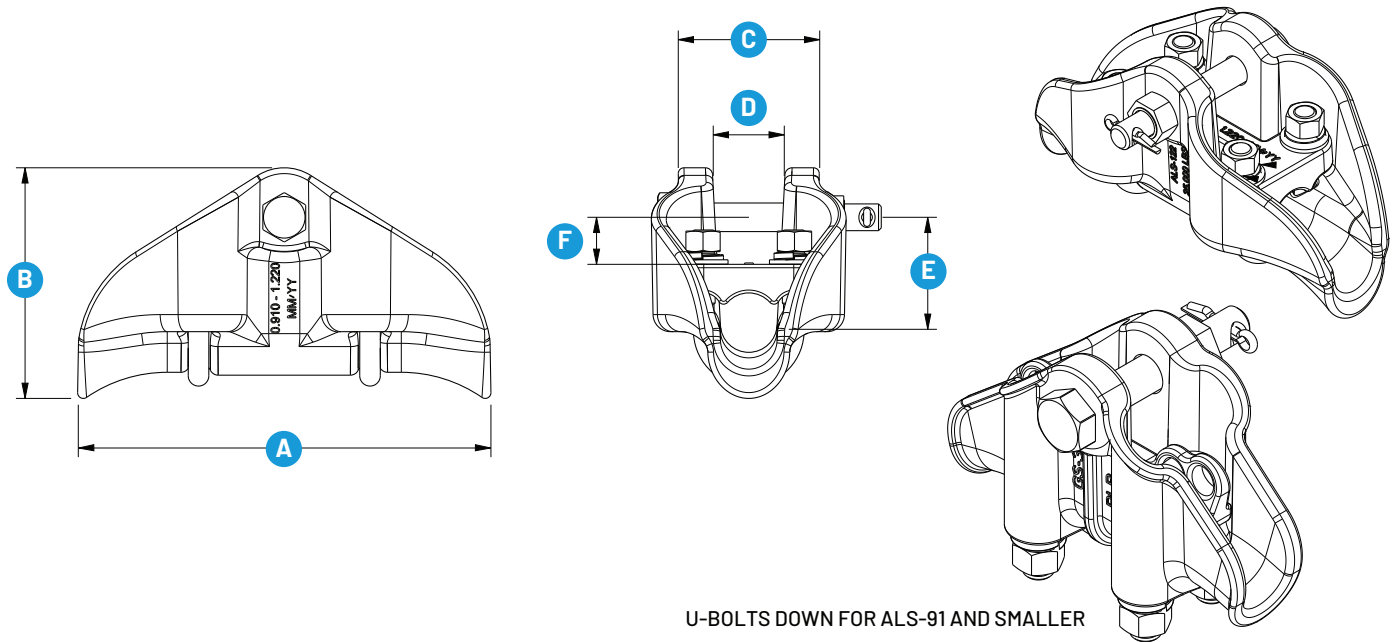
CATALOG #	NEUTRAL WIRE Ø IN	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
BNWB-1100	0.800"-1.100"	0.3 (0.7)

COMPONENT	MATERIAL
Body	Aluminum Alloy

Aluminum Suspension Clamp

The Aluminum Suspension (ALS) Clamp is intended for use on all aluminum-based conductors. PLP recommends placing Armor Rods over the conductor at suspension points to minimize the static and dynamic stresses at the ends of the clamp as well as extend the life of the conductor. The standard ALS Clamps are designed for continuous conductor operating temperatures up to 125°C (150°C for two-hour emergencies).

mm (in.)



CATALOG #	CONDUCTOR RANGE MM (IN)	A MM (IN)	B MM (IN)	C MM (IN)	D MM (IN)	E MM (IN)	F MM (IN)	VERTICAL ULTIMATE LOAD KG (LBF)	ESTIMATED PART WEIGHT KG (LBS)
ALS-47CBNK	5.1 – 11.9 (0.2 – 0.470)	127 (5.0)	78 (3.1)	48 (1.9)	19 (0.8)	31 (1.2)	24 – 31 (0.9 – 1.2)	2,268 (5,000)	0.4 (0.9)
ALS-67CBNK	11.9 – 17 (0.471 – 0.670)	165 (6.5)	95 (3.7)	61 (2.4)	22 (0.9)	48 (1.9)	31 – 36 (1.2 – 1.4)	4,535 (10,000)	0.7 (1.5)
ALS-91CBNK	17 – 23.1 (0.671 – 0.910)	165 (6.5)	101 (4.0)	53 (2.1)	27 (1.1)	58 (2.3)	25 – 31 (1.0 – 1.2)	6,804 (15,000)	1.0 (2.4)
ALS-122CBNK	23.1 – 31 (0.911 – 1.220)	228 (9.0)	127 (5.0)	76 (3.0)	38 (1.5)	64 (2.5)	34 – 42 (1.3 – 1.7)	11,340 (25,000)	2.1 (4.7)
ALS-181CBNK	31 – 46 (1.221 – 1.810)	250 (9.8)	136 (5.4)	84 (3.3)	50 (2.0)	65 (2.5)	21 – 36 (0.8 – 1.4)	11,340 (25,000)	2.5 (5.5)
ALS-238CBNK	46 – 60.5 (1.811 – 2.380)	300 (11.8)	157 (6.2)	117 (4.6)	66 (2.6)	76 (3.0)	28 – 42 (1.1 – 1.6)	11,340 (25,000)	3.1 (6.9)

ALS suspensions are tested to CSA-C83 specifications.

ALS family meets Charpy Level 1 specifications (for Charpy Level specifications, see page 3 or click here).



Aluminum Suspension Clamp Fittings

mm (in.)

SUSPENSION CATALOG #	CLEVIS EYE PART #	Y-CLEVIS EYE PART #	SOCKET EYE PART #
ALS-47CBNK	CE-5259C	YC-5206C	SE-9020C
ALS-67CBNK	CE-5259C	YC-5206C	SE-9020C
ALS-91CBNK	CE-5261C	YC-5207C	SE-5152C
ALS-122CBNK	CE-9027C	YC-9032C	SE-5154C
ALS-181CBNK	CE-9028C	YC-9033C	SE-9023C
ALS-238CBNK	CE-9029C	YC-9034C	SE-9024C

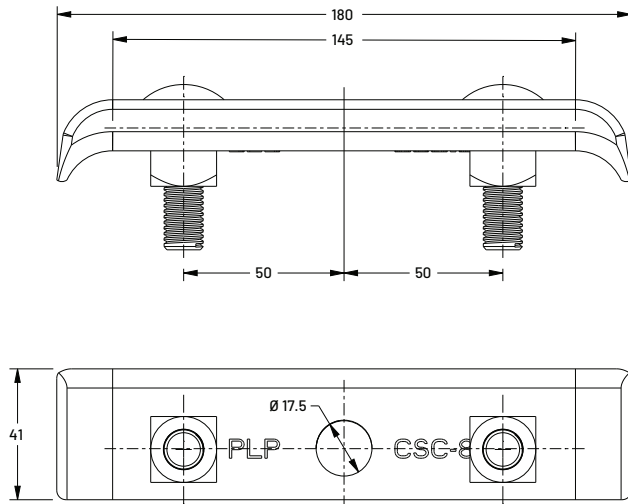
[Click on PART # to view product page or see contents page.](#)

ALS suspension fittings meets Charpy Level 1 specifications
(for Charpy Level specifications, see page 3 or [click here](#)).

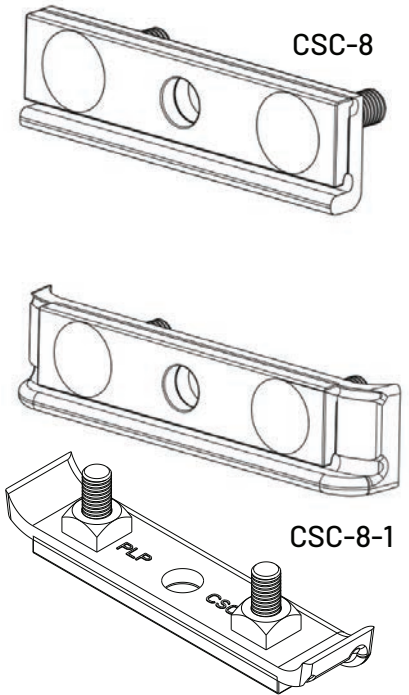
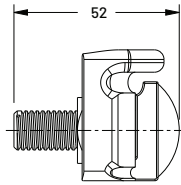
Cable Suspension Clamp

Cable Suspension Clamps are used with through bolts which serve as a clamping member and are shaped to securely grip messenger wire to the pole. A nut and square washer are used between the clamp and the pole to provide proper spacing.

mm (in.)



TANGENT AT 30° TO
HORIZONTAL AXIS



CATALOG #	BOLT QUANTITY	CLAMP BOLT $\varnothing$ IN	CLAMP LENGTH MM (IN)	MOUNTING HOLE $\varnothing$ IN	STRAND $\varnothing$ IN	ESTIMATED PART WEIGHT KG (LBS)
CSC-8	2	1/2	145 (5.5)	11/16	1/4 - 7/16	0.7 (1.5)
CSC-8-1	2	1/2	145 (5.5)	11/16	1/4 - 7/16	0.7 (1.5)

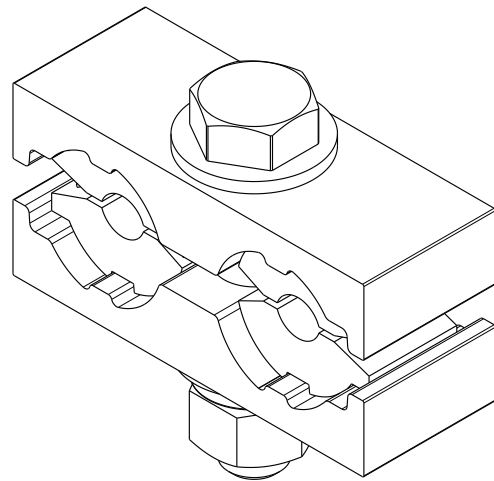
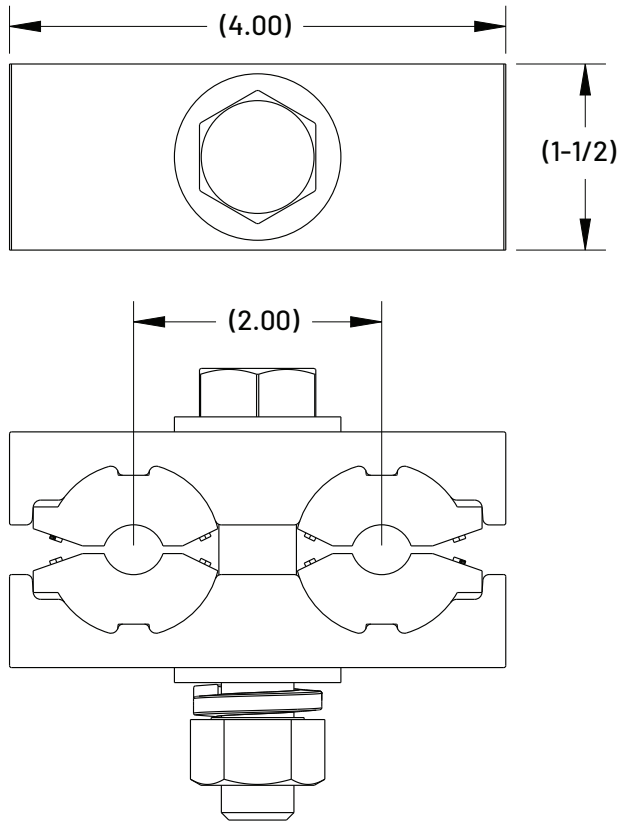
CSC-8-1 (shown) is designed for 30-degree exit angle.

All cable suspension clamps are tested to CSA-C83 specifications.

Cushion Grip Twin Guy Spacer Clamp

Twin guy spacer clamp is used to space guy strand members. Rubber inserts in an aluminum clamp body are used in the assembly to secure the guy wire and provide spacing.

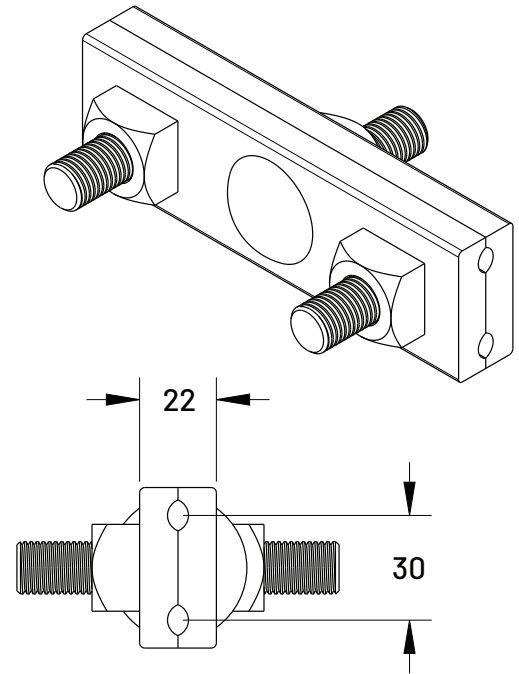
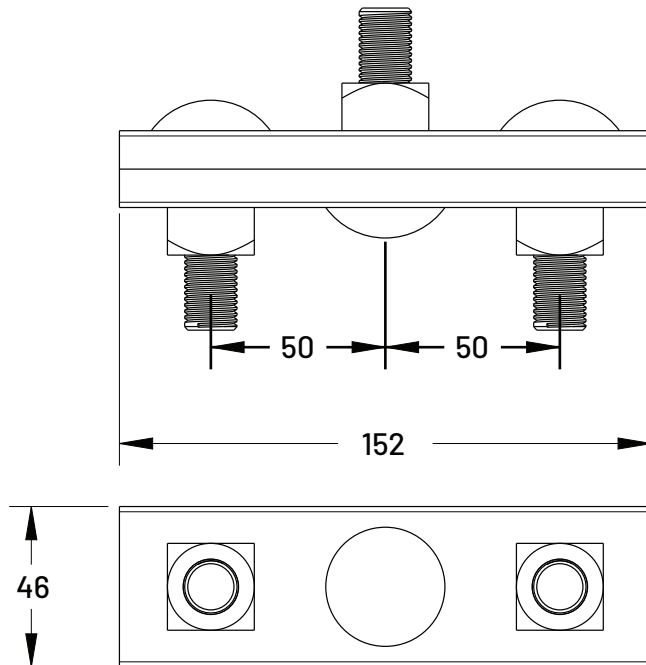
mm (in.)



CATALOG #	CLAMP BOLT Ø IN	STRAND Ø IN	ESTIMATED ASSEMBLY WEIGHT KG (LBS)
CGTGS-61	5/8	.312 - .612	0.5 (1.1)

Guy Clamp

mm (in.)



CATALOG #	CLAMP BOLT Ø IN	CLAMP LENGTH MM (IN)	STRAND Ø IN	ESTIMATED PART WEIGHT KG (LBS)
R-1008	5/8	152 (6.0)	1/4 - 1/2	1.1 (2.5)

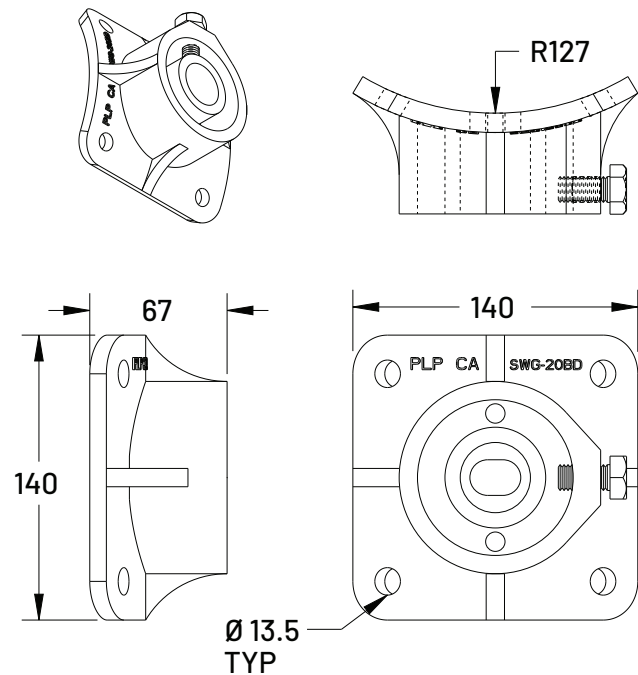
Meets CSA-C83 specifications.

Sidewalk Guy Fittings

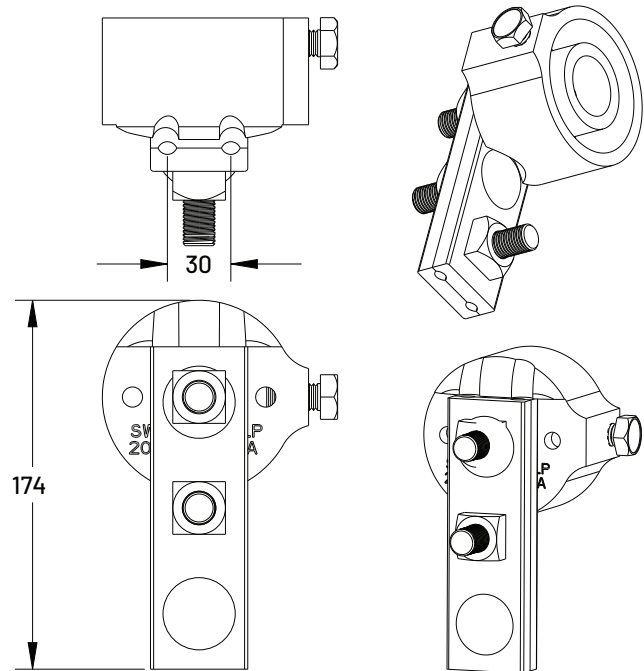
Sidewalk guy fittings SWG-20CB and SWG-20CD are used in conjunction to serve as a pole mounted guying fixture.

mm (in.)

SWG-20BD



SWG-20CD



CATALOG #	MATERIAL	ESTIMATED PART WEIGHT KG (LBS)
SWG-20BD	Galvanized Ductile Iron	2.3 (5.1)
SWG-20CD	Galvanized Ductile Iron	2.5 (5.6)

SWG-20BD and SWG-20CD accommodate 2" and 2.5" pipe.

SWG-20CD supplied with Guy Clamp R-1008 (see previous page).

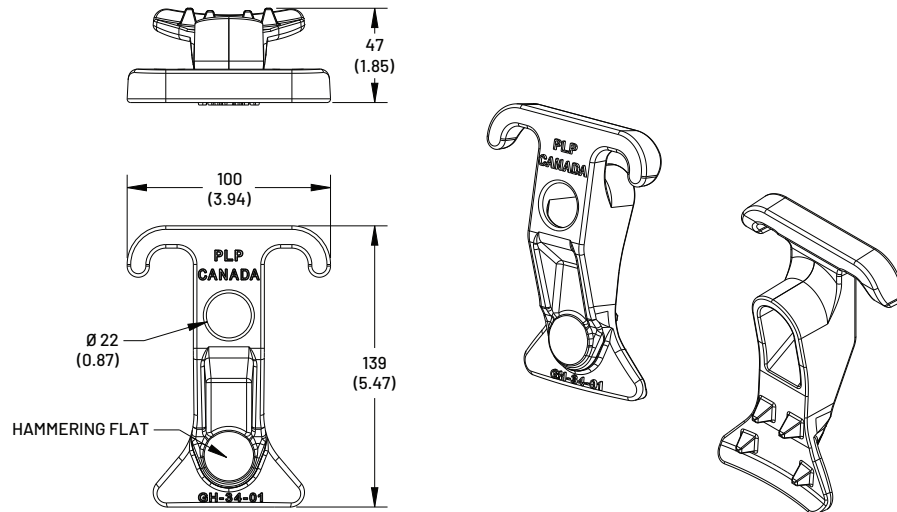
Meets CSA-C83 specifications.

Guy Hook

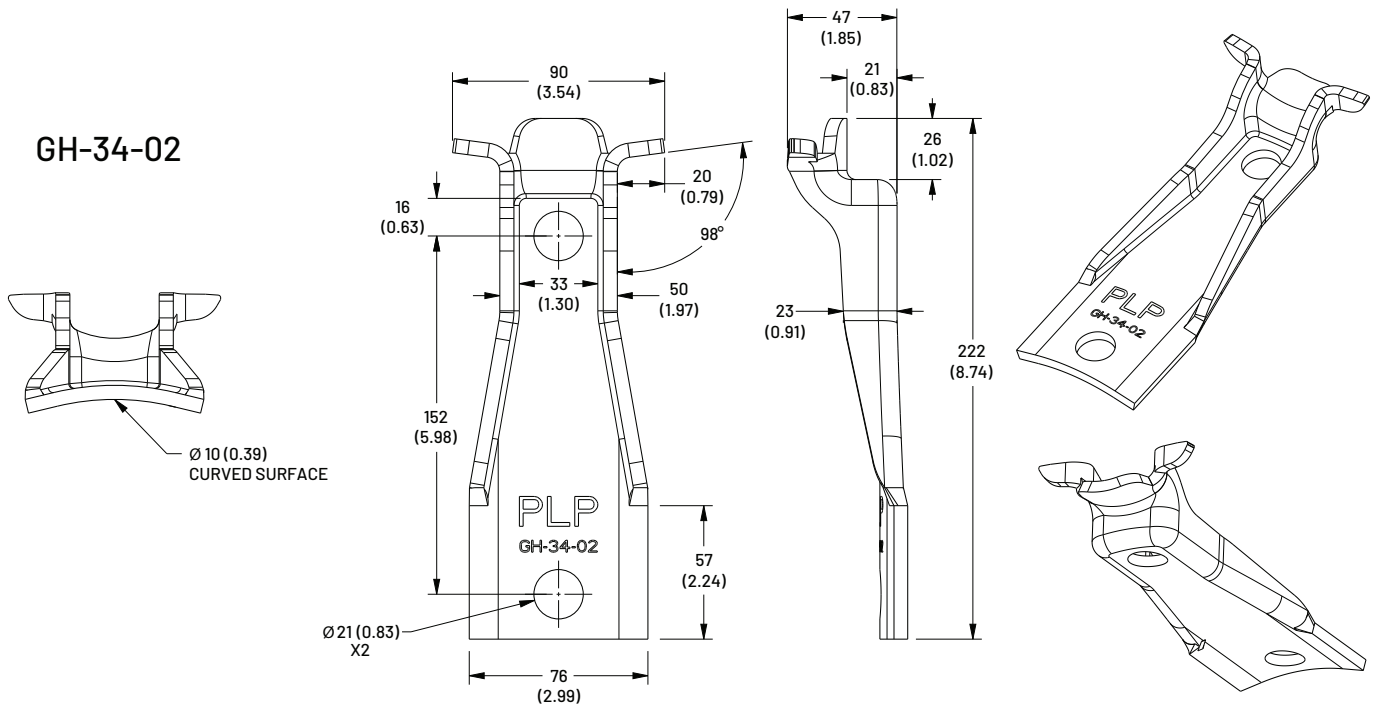
Guy hooks are used to secure guy wires to wooden pole structures. Guy hooks have cast integral spurs on the back to grip the pole to eliminate turning of the guy hook. They can be mounted with a 3/4" bolt.

mm (in.)

GH-34-01



GH-34-02

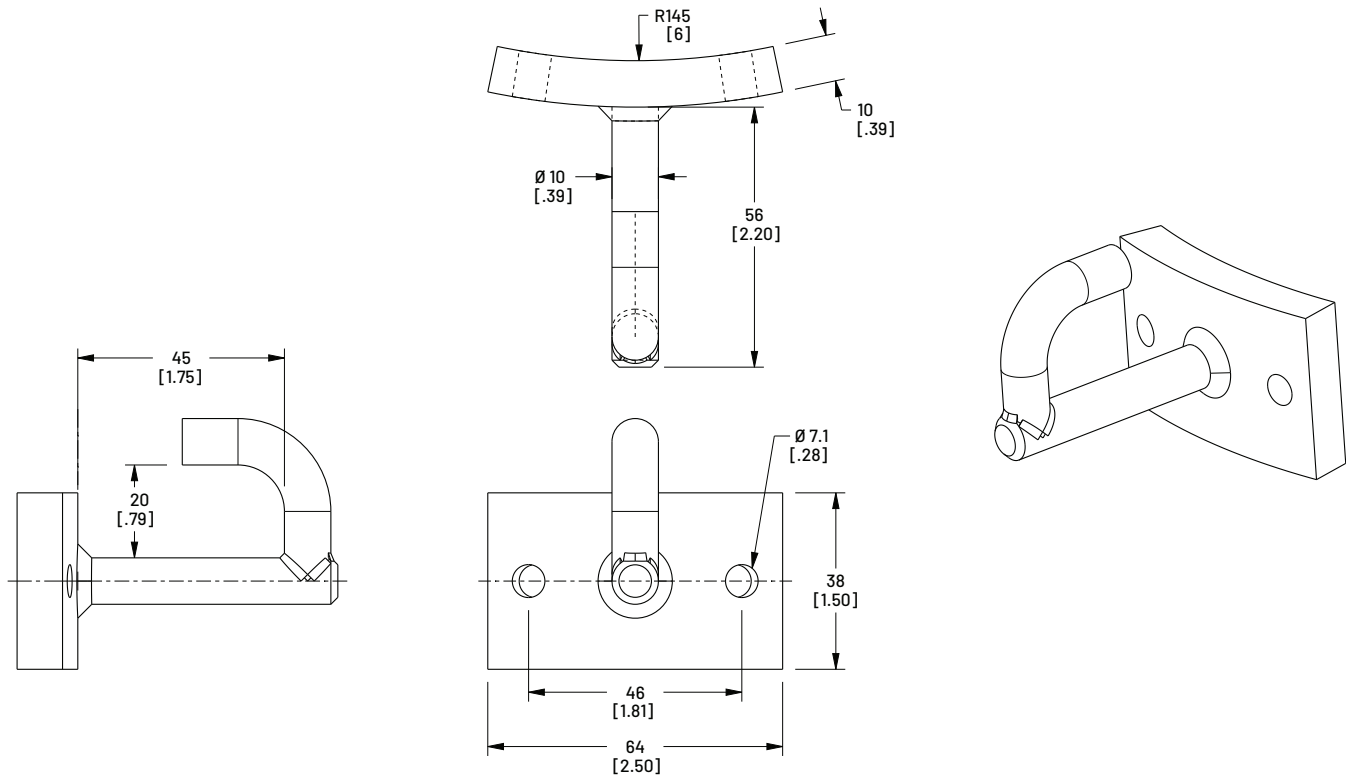


CATALOG #	MATERIAL	ESTIMATED PART WEIGHT KG (LBS)
GH-34-01	Galvanized Ductile Iron	0.8 (1.8)
GH-34-02	Galvanized Steel	0.8 (1.8)

Meets CSA-C83 specifications.

Drive Hook

mm (in.)

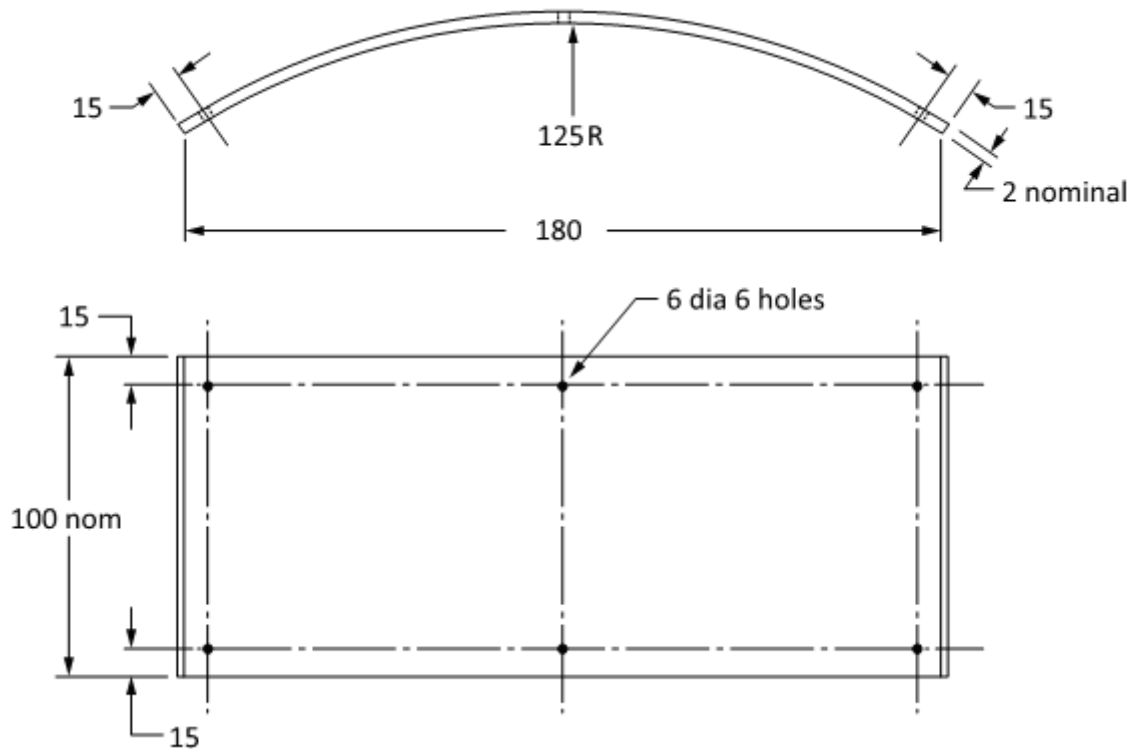


CATALOG #	MATERIAL	ULTIMATE VERTICAL STRENGTH RATING KN (LBS)	ULTIMATE HORIZONTAL STRENGTH RATING KN (LBS)	ESTIMATED PART WEIGHT KG (LBS)
DH-RND	Galvanized Steel	4.5 (1,010)	8.0 (1,800)	0.2 (0.5)

Strain Plate

The pole guard is normally used with a guy hook for wraparound guying of wood poles.

mm (in.)



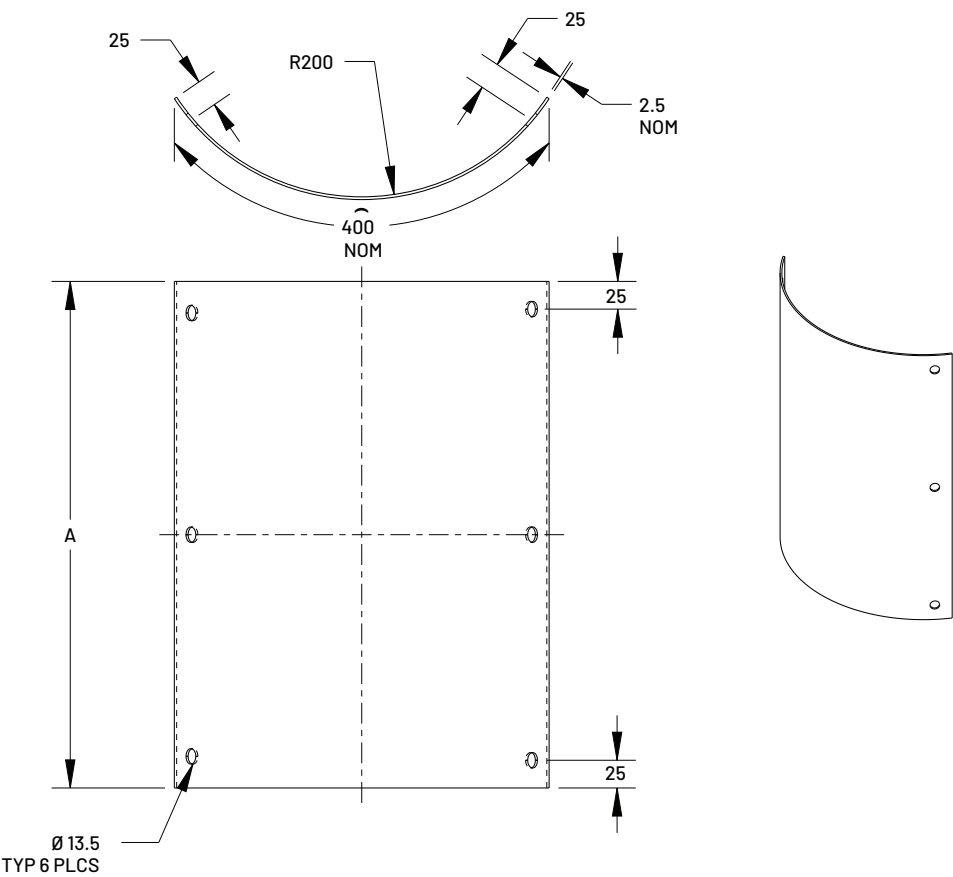
CATALOG #	MATERIAL	ESTIMATED PART WEIGHT KG (LBS)
SP-01	Galvanized Steel	1.1 (2.4)

Meets CSA-C83 specifications.

Pole Guard

The pole guard is normally used to protect a pole base from impact damage. It is mounted to the pole using 1/2" hardware.

mm (in.)



CATALOG #	A MM (IN)	MATERIAL	ESTIMATED PART WEIGHT KG (LBS)
PG-01	457 (18.0)	Galvanized Steel	3.9 (8.5)
PG-02	762 (30.0)	Galvanized Steel	6.5 (14.2)

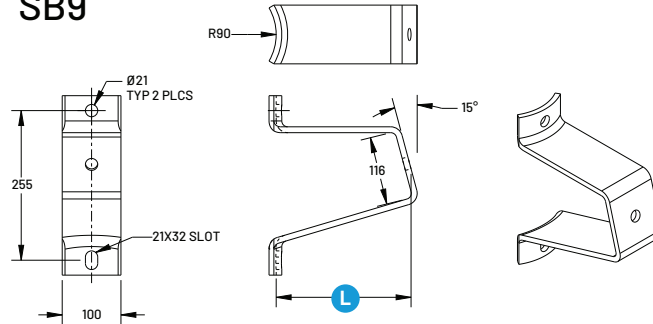
Meets CSA-C83 specifications.

Standoff Bracket

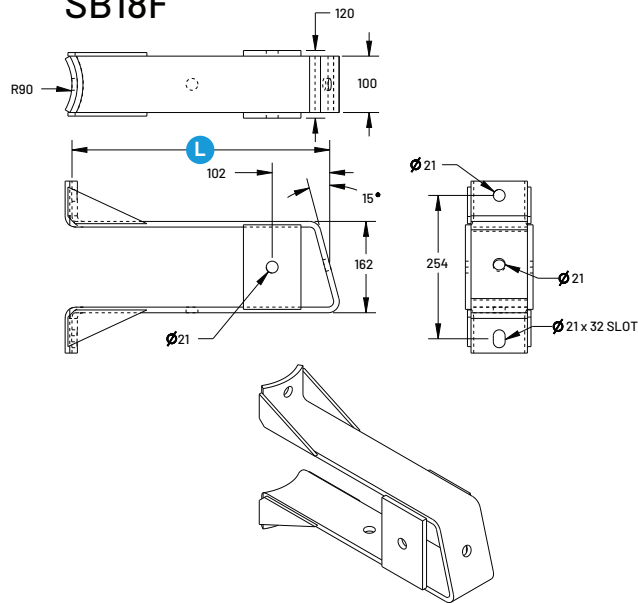
This bracket is normally used for supporting a post type insulator on a pole. It is mounted to the pole using 3/4" hardware

mm (in.)

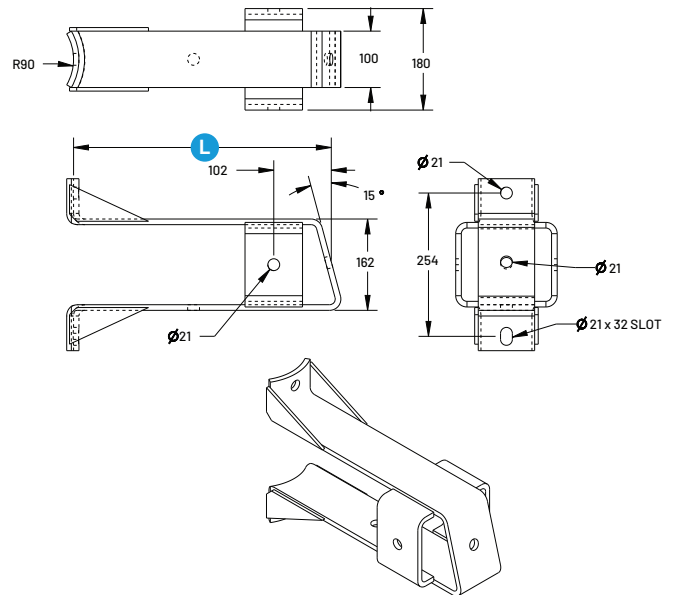
SB9



SB18F



SB180



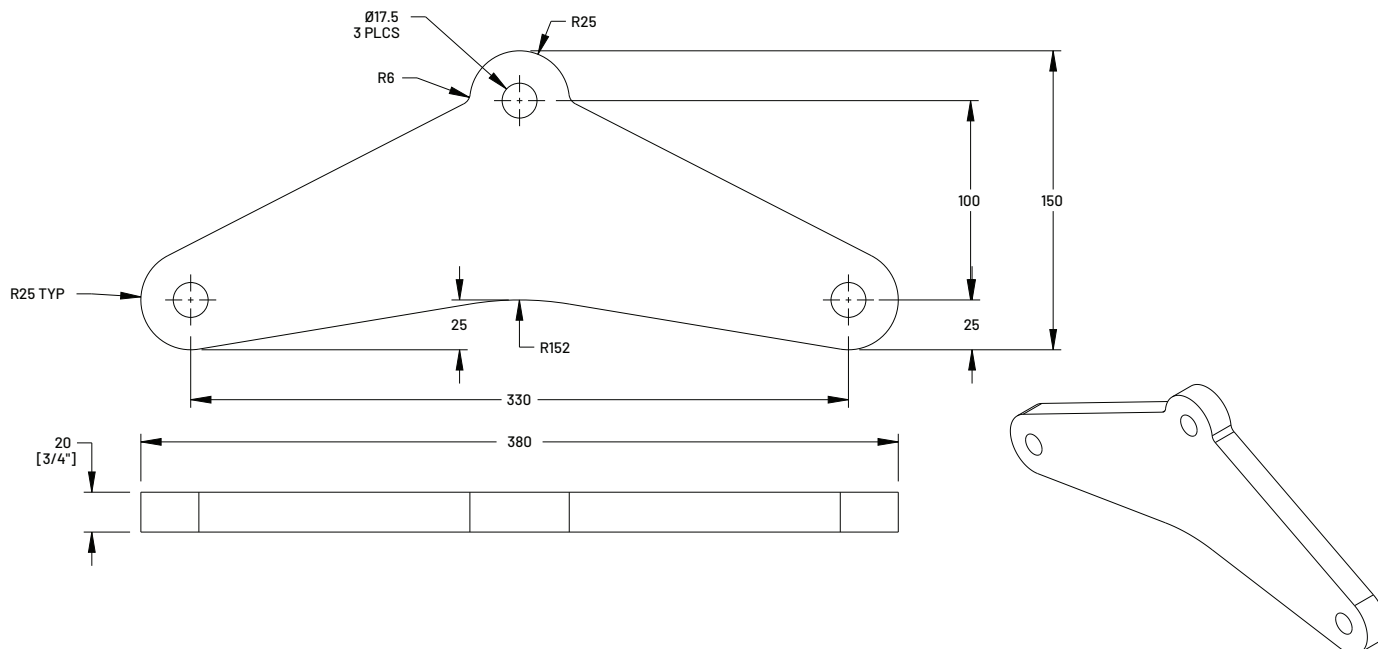
CATALOG #	TYPE	L MM (IN)	MATERIAL	ESTIMATED PART WEIGHT KG (LBS)
SB9	9"	230 (9.0)	Galvanized Steel	5.2 (11.4)
SB18F	18" Flush	457 (18.0)	Galvanized Steel	12.5 (27.6)
SB180	18" Offset	457 (18.0)	Galvanized Steel	13.3 (29.2)

Meets CSA-C83 specifications.

Guying Plate

Guying plate is used whenever a guy must split to ensure clearance around pole mounted equipment.

mm (in.)



CATALOG #	MATERIAL	RATED STRENGTH KN (LBS)	ULTIMATE STRENGTH KN (LBS)	ESTIMATED PART WEIGHT KG (LBS)
GP-330-18	Galvanized Steel	120 (27,000)	138 (31,000)	4.6 (10.1)

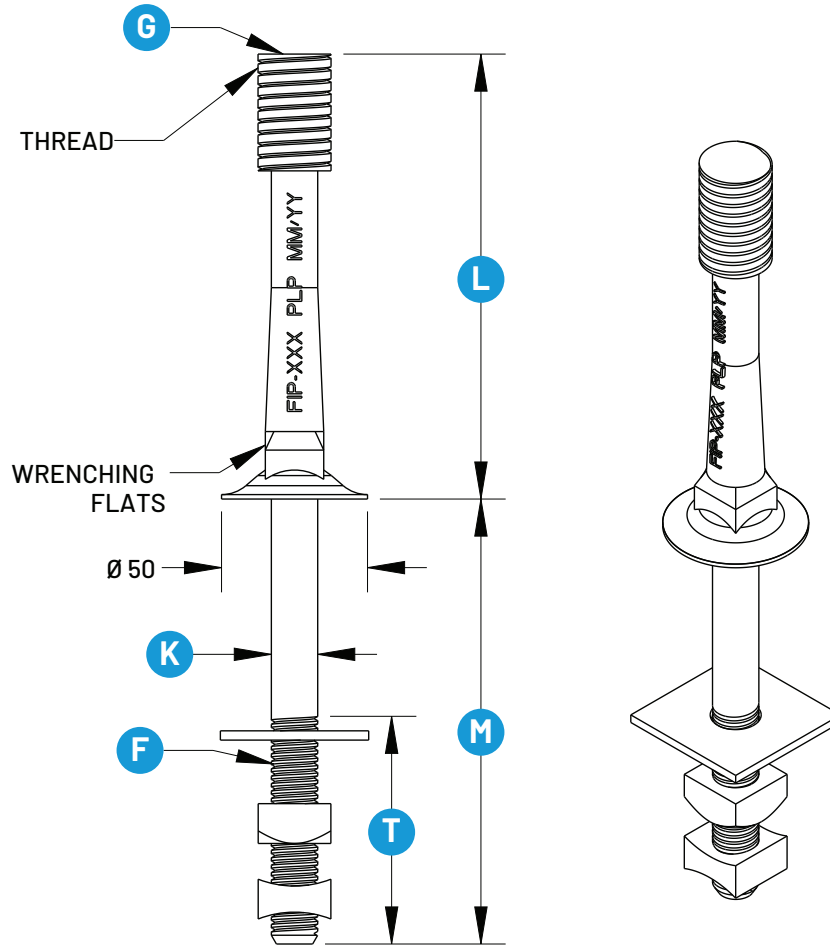
Meets CSA C83 requirements.

Add C suffix (GP-330-18C) for parts which meet Charpy level 1 specifications (for Charpy Level specifications, see page 3 or [click here](#)).

Straight Crossarm Insulator Pin

This pin is normally used to install pin type insulators on crossarms. Assembly includes: one square washer, one square nut, and one square locknut.

mm (in.)



CATALOG #	THREAD MATERIAL	M MM (IN)	T MM (IN)	G MM (IN)	L MM (IN)	F IN	K MM (IN)	WEIGHT KG (LBS)
FIP-02L	Lead	150 (5.9)	75 (3.0)	25 (1.0)	150 (5.9)	5/8-11	16 (0.63)	0.8 (1.6)
FIP-02N	Nylon	150 (5.9)	75 (3.0)	25 (1.0)	150 (5.9)	5/8-11	16 (0.63)	0.8 (1.6)

Meets CSA C83 requirements.

COMPONENT	MATERIAL
Body	Forged Galvanized Steel
Hardware	Galvanized Steel



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