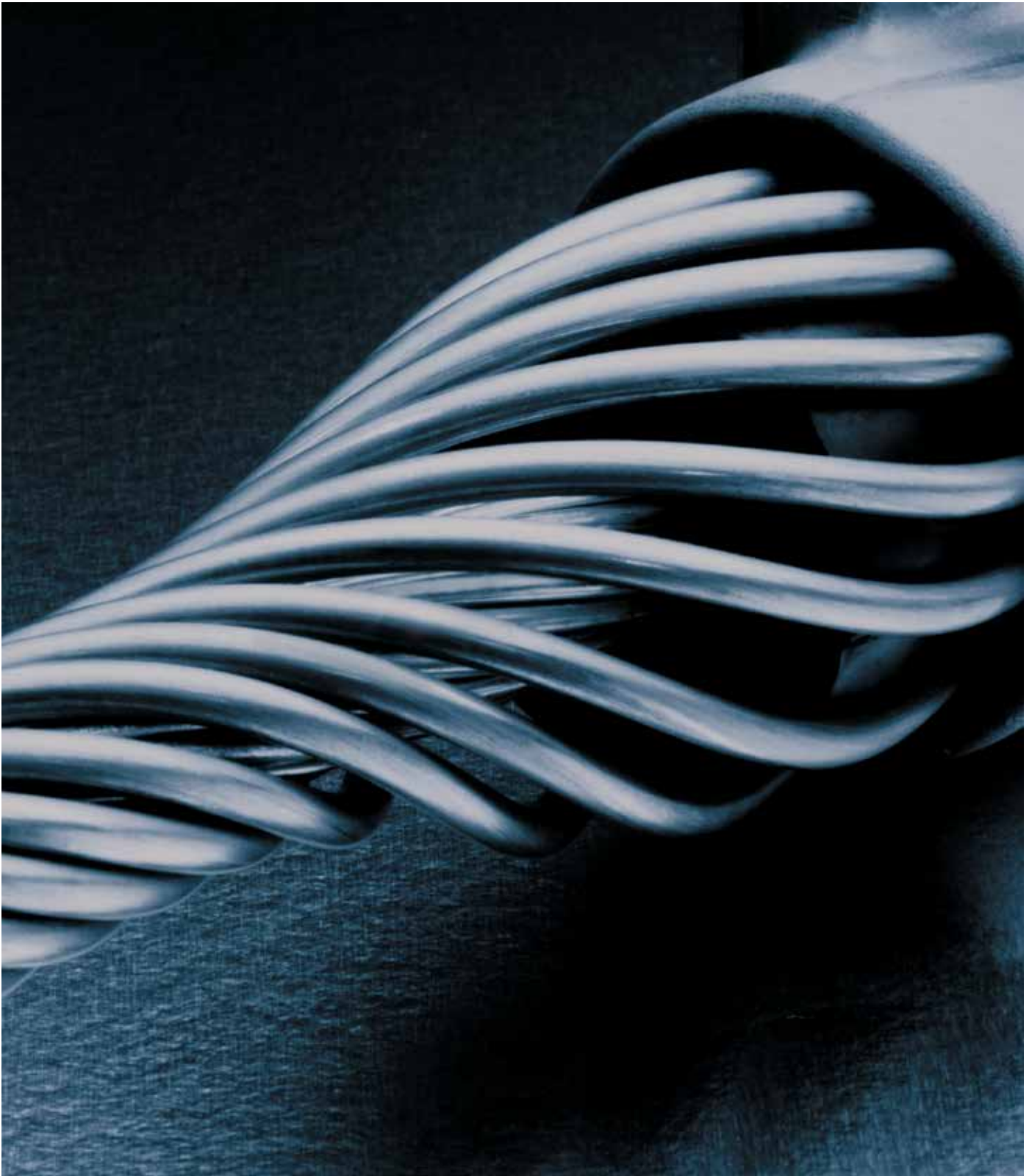


TRANSMISSION LINE STRING ASSEMBLIES AND HARDWARE

Tangent Assemblies | Dead-End Assemblies | Hardware Components



ABOUT PLP

PLP protects the world's most critical connections by creating stronger and more reliable networks. Our precision-engineered solutions are trusted by energy and communications providers to perform better and last longer. PLP, a recognized world leader in conductor protection and support, began operations in 1947 with the introduction of the Armor Rod, an innovative helical product that fundamentally changed the electric utility industry. Since then, PLP has continued to introduce innovative products, like the ARMOR-GRIP® Suspension, which to this day still provides the best protection against static and dynamic stresses at the conductor's support point. With offices and manufacturing facilities in over 20 countries, PLP now works as a united global corporation, delivering high-quality products and unparalleled service to customers around the world.





SALES CONTACTS



ELECTRIC UTILITY SALES

CUSTOMER SUPPORT

U.S. SUPPORT

Tel: 440.461.5200

Fax: 440.442.8816

Email: info@plp.com

INTERNATIONAL SUPPORT

Tel: 440.473.9294

Fax: 440.461.2918

Email: international@plp.com

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ASSEMBLIES AND HARDWARE**

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ENGINEERING AND DESIGN

Since 1947, PLP has been an industry leader in designing high-quality, field-proven solutions for the electric power industry. Transmission systems worldwide rely on PLP armor rods, suspensions, Dead-Ends, dampers, spacers, string hardware, and many other critical components when solutions that perform better and last longer are essential.

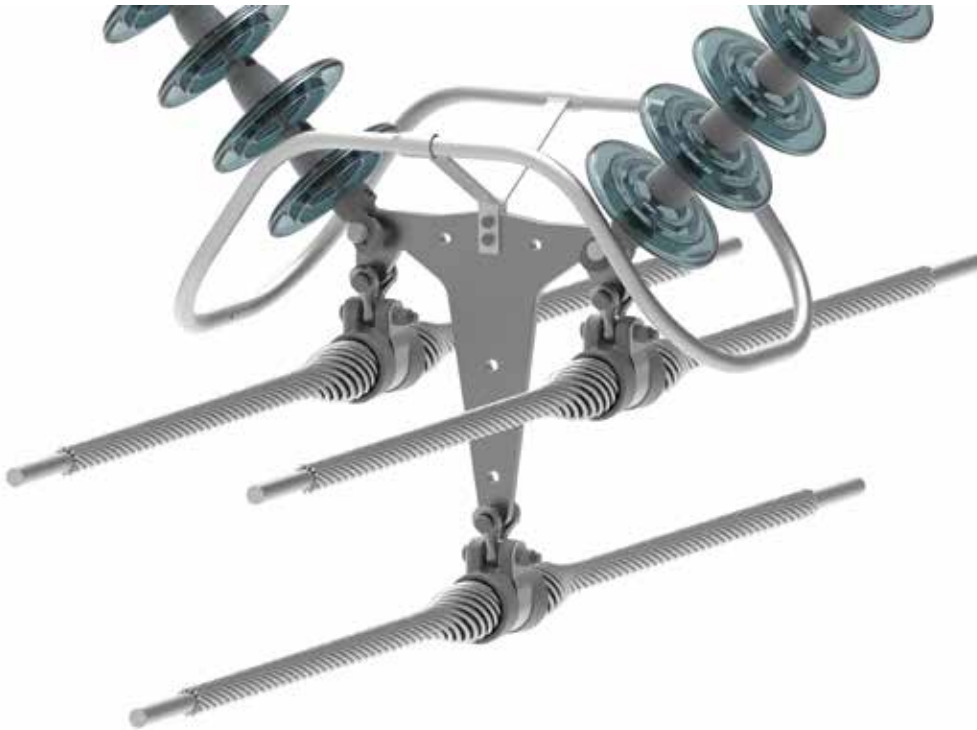
The strength, durability, and longevity of PLP products begins with our dedicated engineering teams. PLP engineers utilize our 70+ years of industry experience, the latest design software, and cutting-edge engineering techniques to help ensure our products live up to the PLP name.



TESTING & QUALITY CONTROL

Product testing has been at the forefront of PLP's culture since the company began in 1947. Testing of all products is performed at the time of design and throughout the manufacturing process as part of our sample testing program for utility capital projects. PLP follows the IEEE C135.61 Standard for the Testing of Overhead Transmission and Distribution Line Hardware for all design and sample testing of string hardware components.

PLP's state-of-the-art lab in Cleveland is one of the largest facilities dedicated to testing the strength and endurance of power utility hardware. 50,000-pound and 450,000-pound tensile machines at the lab allow us to test the strength and durability of fittings prior to delivery to the customer. While competitors have reduced or eliminated their testing labs and programs, PLP has expanded its lab by 50 percent making it a 23,000 square foot facility



STRING HARDWARE ASSEMBLIES

PLP String Hardware Assemblies include a full range of hardware solutions for tangent suspension, angled suspension, or Dead-End assemblies. Each component in the standard assembly packages was carefully selected to ensure proper fitment and optimal performance. All components arrive at the job site in project-specific, weather-resistant packaging to help expedite identification and installation.

FEATURES AND BENEFITS

- Standard assemblies can be rated up to 500 kV, depending on design and component selection
- All parts are packaged together in weather-resistant crates per customer specifications
- Packaged and marked by string or structure type, facilitating identification and installation
- Customized string assembly configurations and designs are available. Contact PLP for modification requests or customized packages.

NOTE: The catalog numbers provided represent commonly used string configurations only and do not represent final string designs.

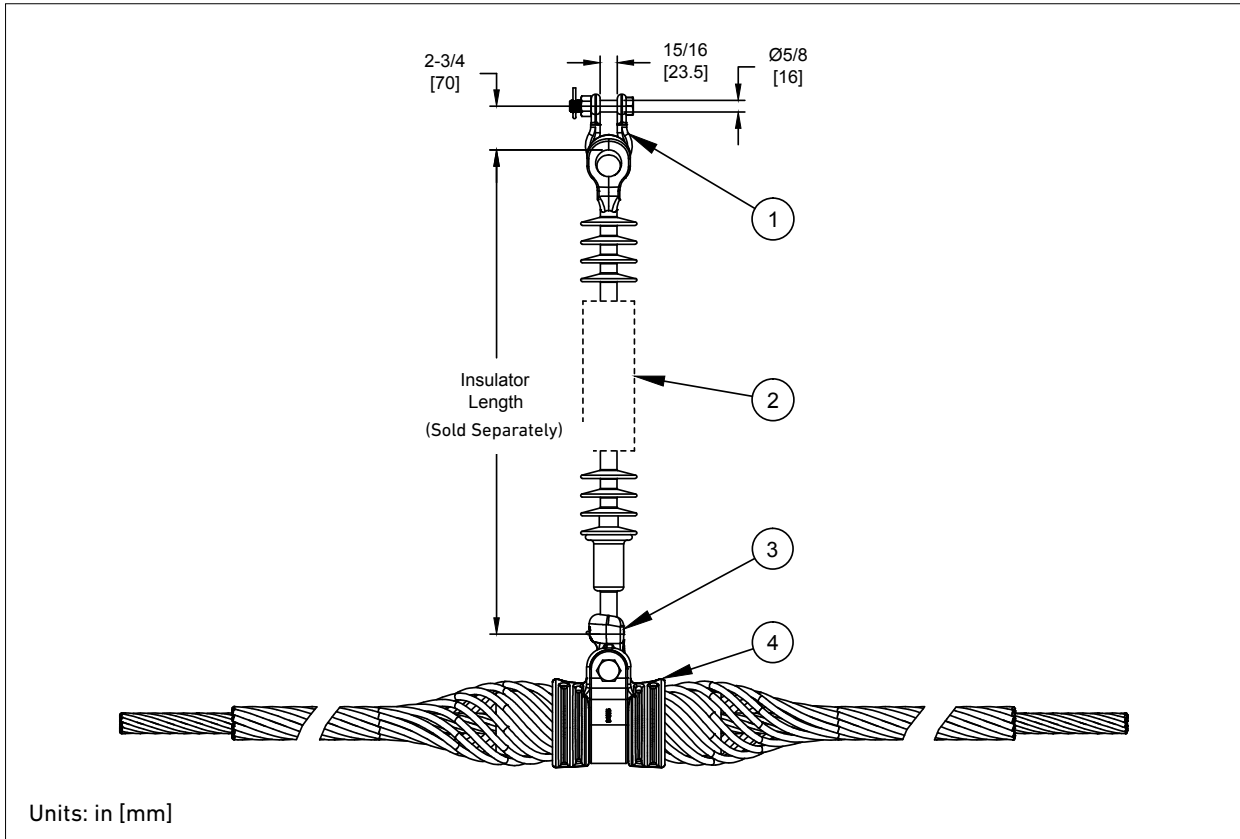
IMPORTANT NOTES

STRING HARDWARE ASSEMBLIES

1. Catalog numbers for assemblies are provided as design examples only. Specific assembly designs and part numbers will be configured per customer specifications. Please contact PLP Technical Support for project-specific part numbers.
2. All galvanizing has been performed per ASTM A153.
3. Parts with length "L" are variable length and dependent on the string design and line parameters.
4. Suspension clamps and associated hardware will be specified on a per-application basis. Please see the Suspension and Support section of the Transmission Catalog for AGS / CGS / Bolted Clamp and Armor options.
5. Compression Dead-End Assemblies and associated hardware to be specified on a per-application basis. Please see the Compression Dead-End section of the Transmission Catalog of ACSR / ACSS / ACCC configurations.
6. Corona rings, when required, are packaged separately to avoid damage.
7. Please see the individual component drawings for detailed dimensions and material properties of parts.
8. For bundle spacings differing from examples shown, please contact PLP.

I-STRING ASSEMBLY

Tangent Suspension Single Conductor, 30 K
Catalog Number: S-1X-11-30



ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

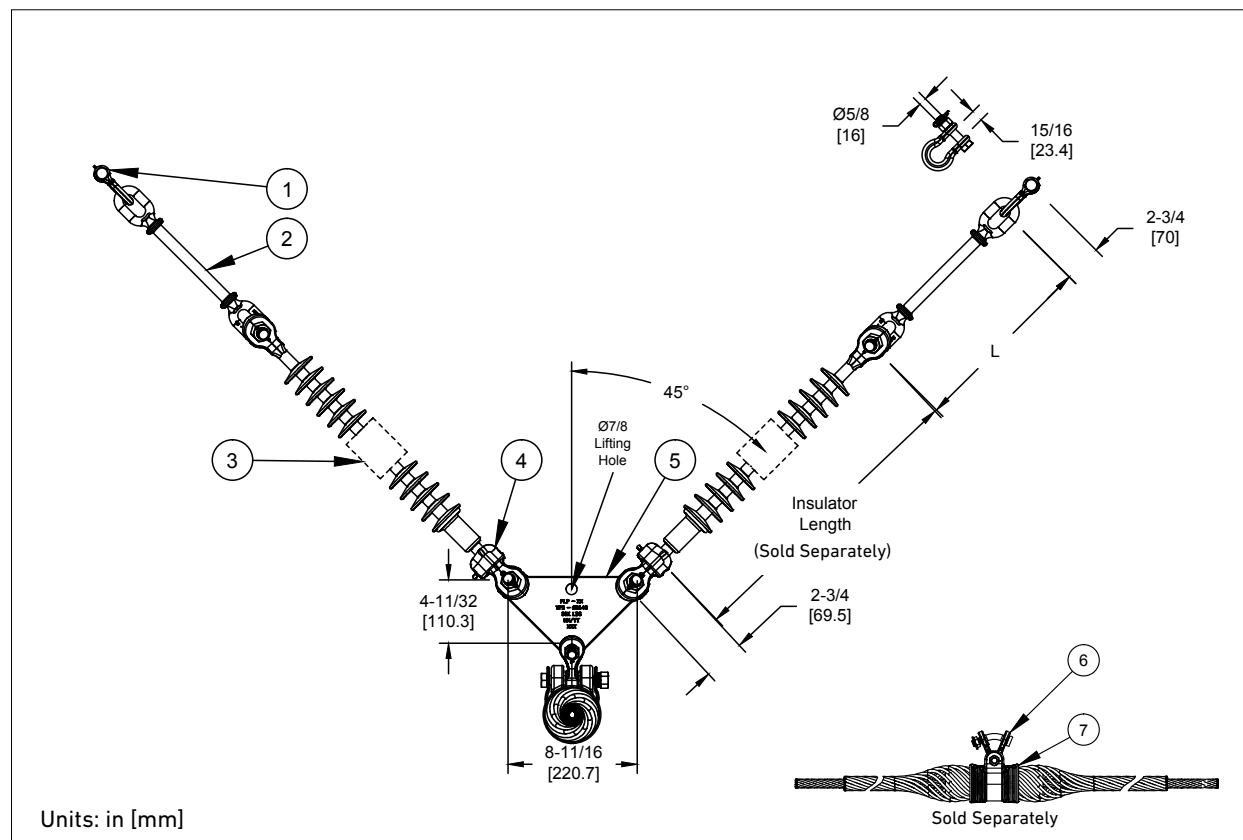
Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea)	UBS
					lb (kg)	lb
1	AS-30BNK	Anchor Shackle	1	Galvanized Steel	1.1 (0.5)	30,000
2	Supplied By Other	Insulator String	1	–	–	–
3	See Note 3 on Page 9	Attachment	1	Galvanized Steel	–	–
4	See Note 3 on Page 9	Suspension Hardware	2	Aluminum	–	–

V-STRING ASSEMBLY

Tangent Suspension Single Conductor, 30 K

Catalog Number: S-VX-12-30



ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

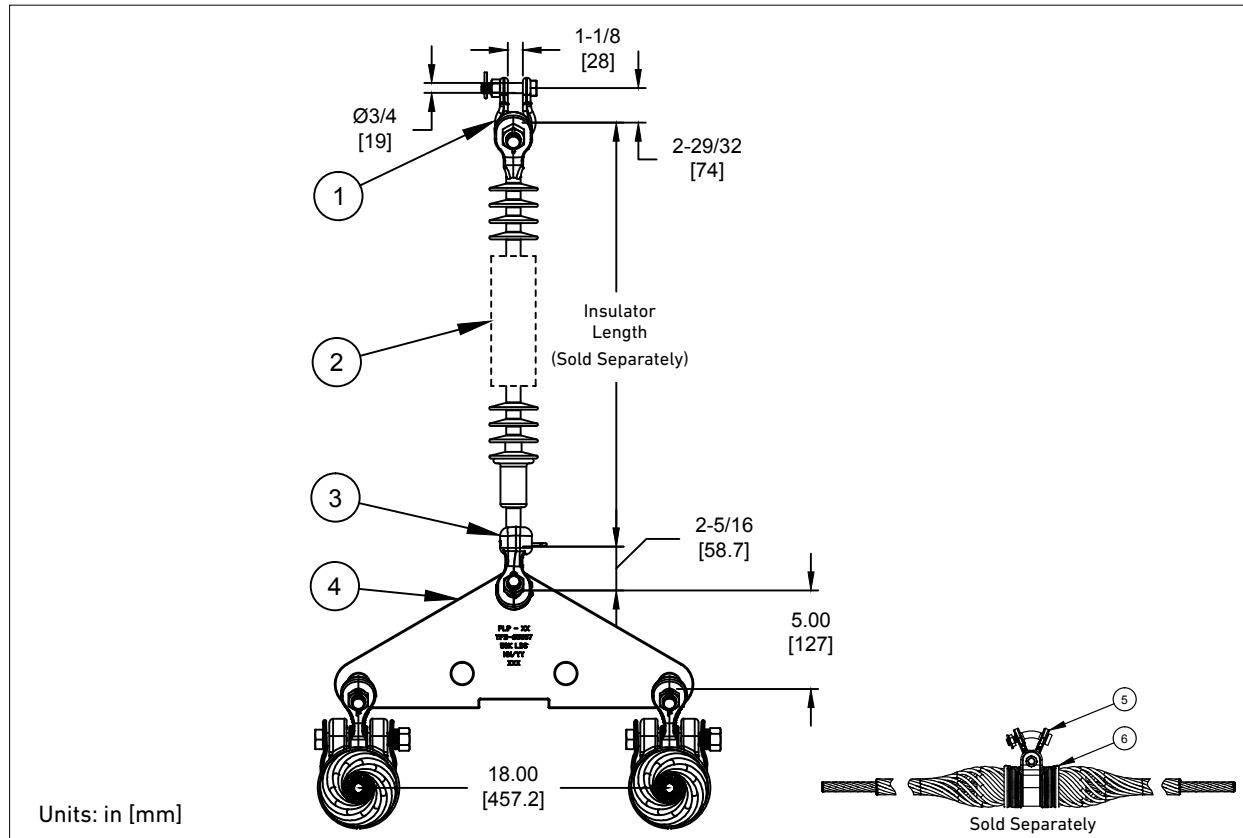
Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea)	UBS
					lb (kg)	lb
1	AS-30BNK	Anchor Shackle	2	Galvanized Steel	1.1 (0.5)	30,000
2	EEL-30-L	Eye-Eye Link ("L")	2	Galvanized Steel	Variable	30,000
3	Supplied By Other	Insulator String	2	—	—	—
4	SYC-30	Socket Y-Clevis	2	Ductile Iron	2.5 (1.1)	30,000
5	YPD-65643	Yoke Plate, Delta	1	Ductile Iron	7.2 (3.3)	30,000
6	See Note 3 on Page 9	Attachment Hardware	1	Ductile Iron	—	—
7	See Note 3 on Page 9	Suspension Hardware	1	Aluminum	—	—

I-STRING ASSEMBLY

Tangent Suspension Twin-Bundle Conductor, 30 K

Catalog Number: S-IH-21-30



ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

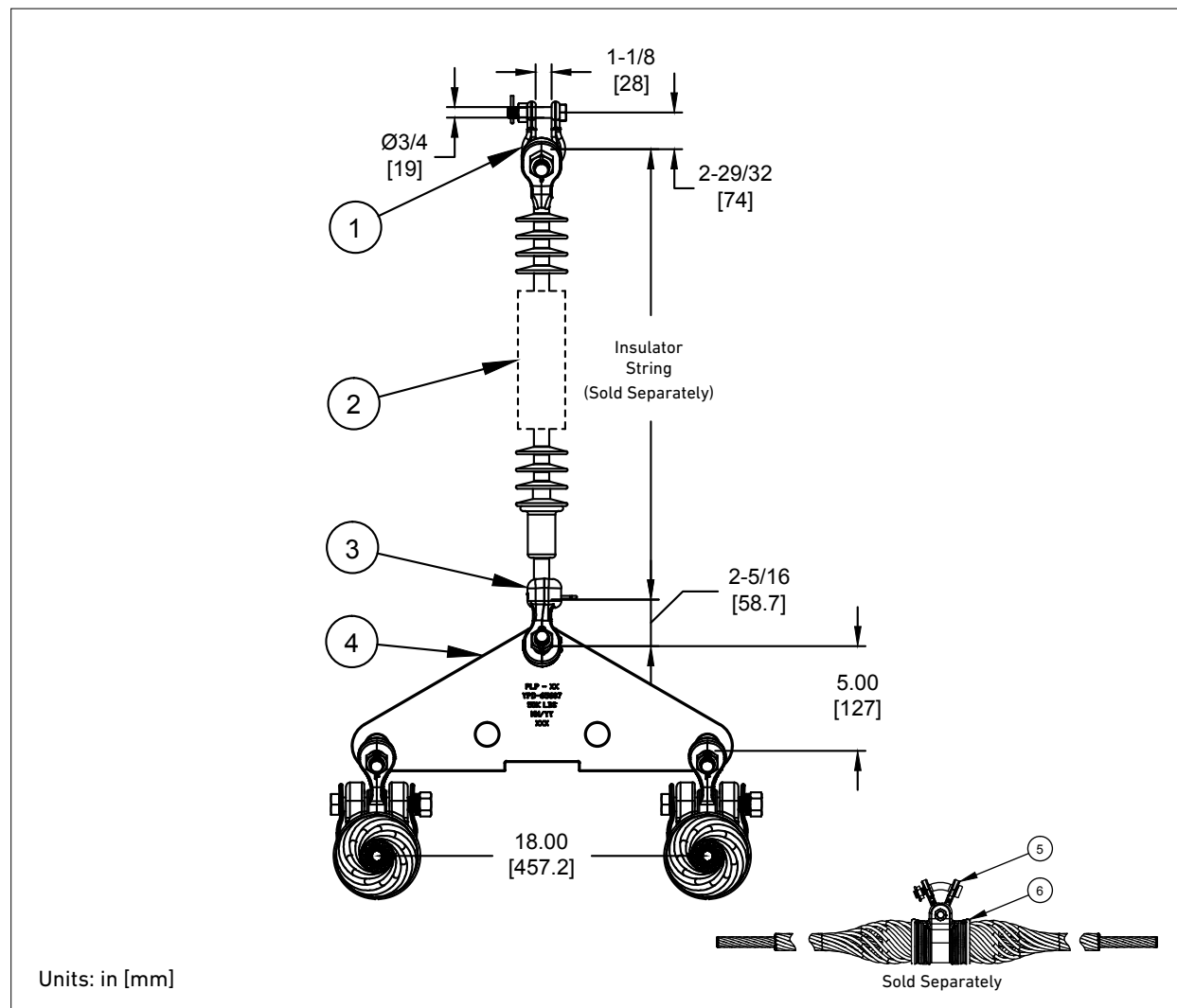
Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea)	UBS
					lb (kg)	lb
1	AS-30BNK	Anchor Shackle	1	Galvanized Steel	1.1 (0.5)	30,000
2	Supplied By Other	Insulator String	1	–	–	–
3	SYC-30	Socket Y-Clevis	1	Ductile Iron	2.5 (1.1)	30,000
4	YPD-65607	Yoke Plate, Delta, 50 K (APEX Hole)	1	Ductile Iron	20.8 (9.4)	50,000
5	See Note 3 on Page 9	Attachment Hardware	2	Ductile Iron	–	–
6	See Note 3 on Page 9	Suspension Hardware	2	Aluminum	–	–

I-STRING ASSEMBLY

Tangent Suspension Twin-Bundle Conductor, 50 K

Catalog Number: S-IH-21-50



ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

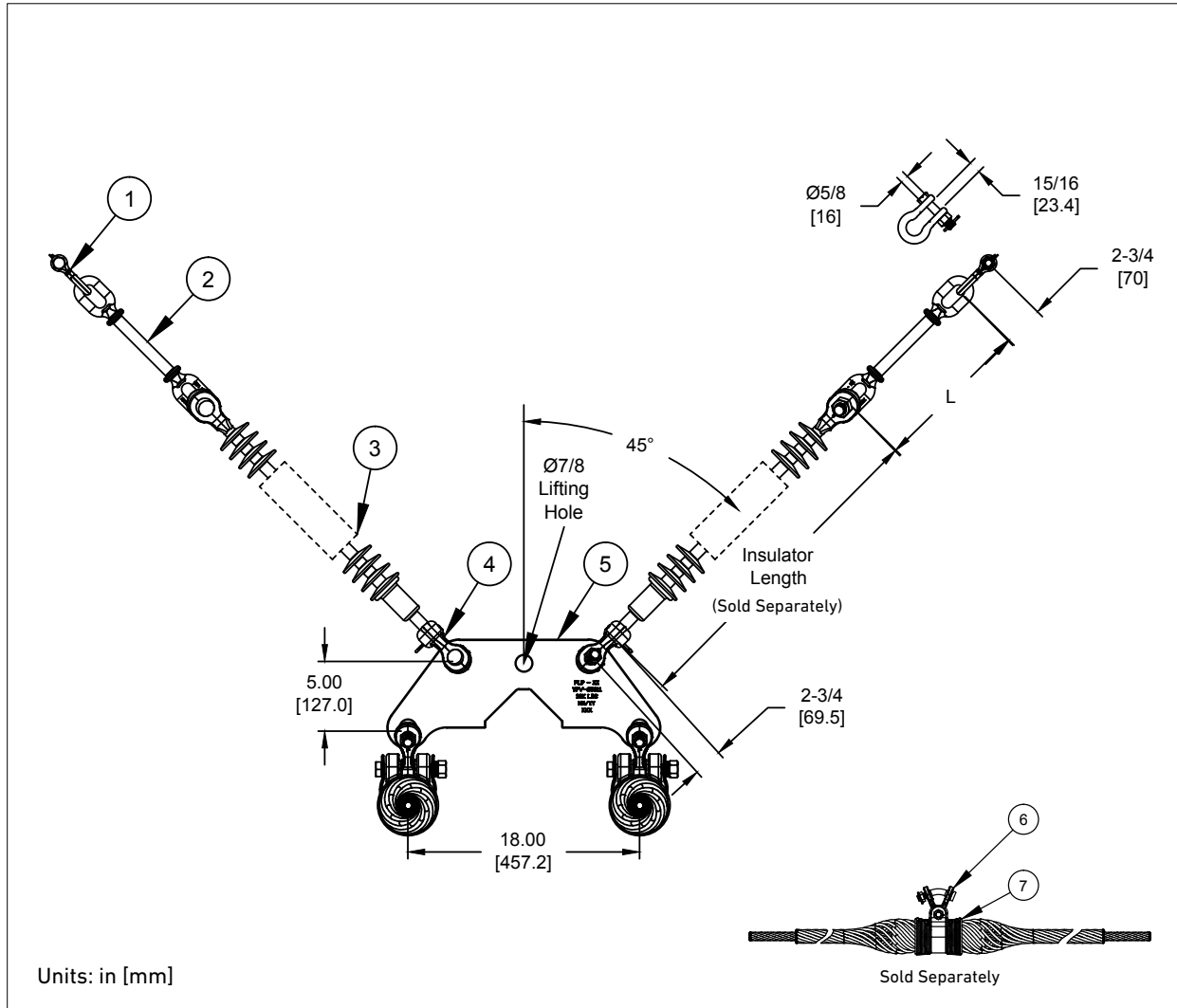
Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea)	UBS
					lb (kg)	lb
1	AS-60BNK	Anchor Shackle	1	Galvanized Steel	3.0 (1.4)	60,000
2	Supplied By Other	Insulator String	1	—	—	—
3	SYC-50	Socket Y-Clevis	1	Ductile Iron	5.4 (2.4)	50,000
4	YPD-65607	Yoke Plate, Delta, 50 K (APEX Hole)	1	Ductile Iron	20.8 (9.4)	50,000
5	See Note 3 on Page 9	Attachment Hardware	2	Ductile Iron	—	—
6	See Note 3 on Page 9	Suspension Hardware	2	Aluminum	—	—

V-STRING ASSEMBLY

Tangent Suspension Twin-Bundle Conductor, 30 K

Catalog Number: S-VH-22-30



ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

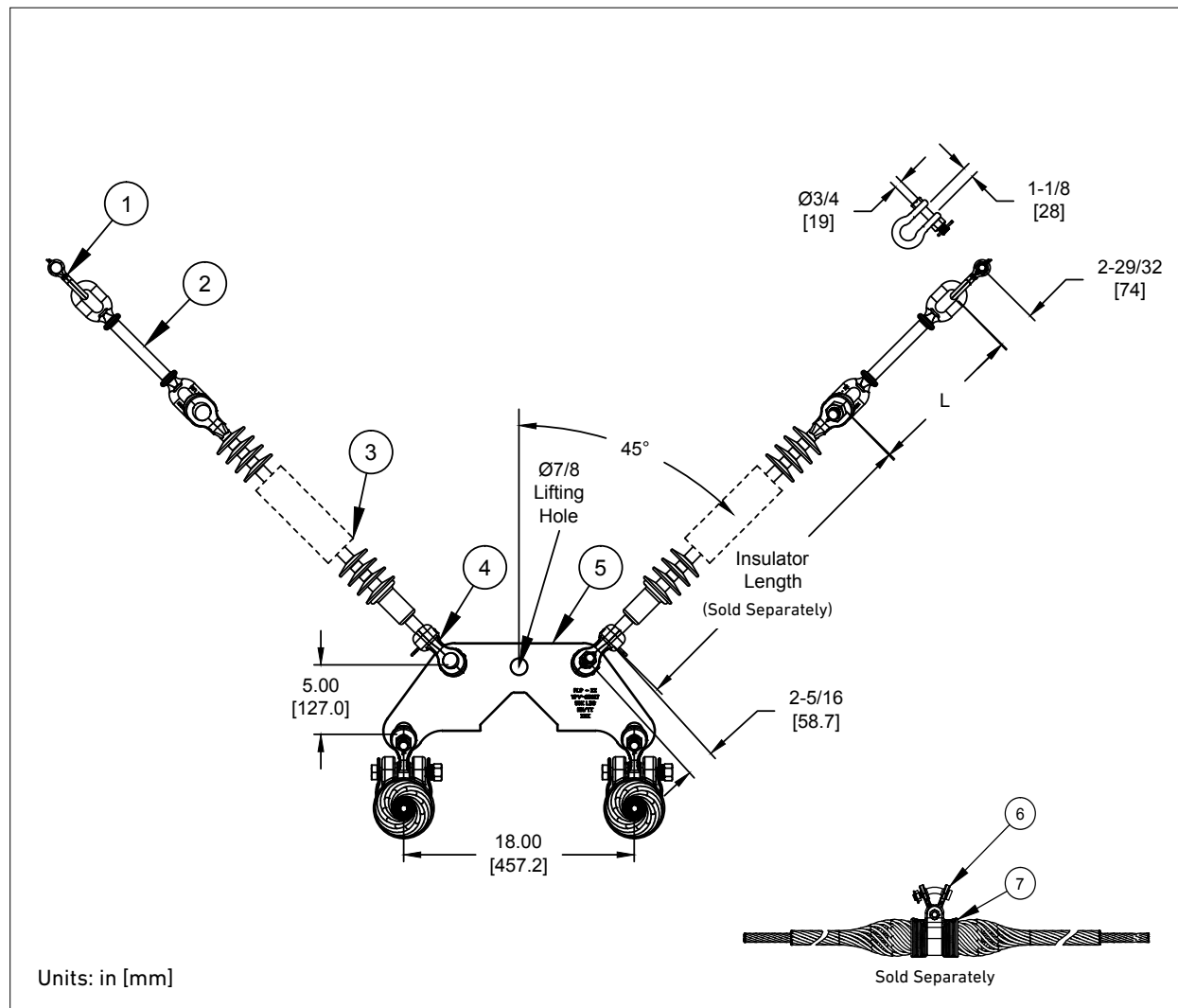
Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea)	UBS
					lb (kg)	lb
1	AS-30BNK	Anchor Shackle	2	Galvanized Steel	1.1 (0.5)	30,000
2	EEL-30-L	Eye-Eye Link ("L")	2	Galvanized Steel	Variable	30,000
3	Supplied By Other	Insulator String	2	—	—	—
4	SYC-30	Socket Y-Clevis	2	Ductile Iron	2.5 (1.1)	30,000
5	YPD-65607	Yoke Plate, V-String Twin	1	Ductile Iron	22.7 (10.3)	30,000
6	See Note 3 on Page 9	Attachment Hardware	2	Ductile Iron	—	—
7	See Note 3 on Page 9	Suspension Hardware	2	Aluminum	—	—

V-STRING ASSEMBLY

Tangent Suspension Twin-Bundle Conductor, 50 K

Catalog Number: S-VH-22-50



ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

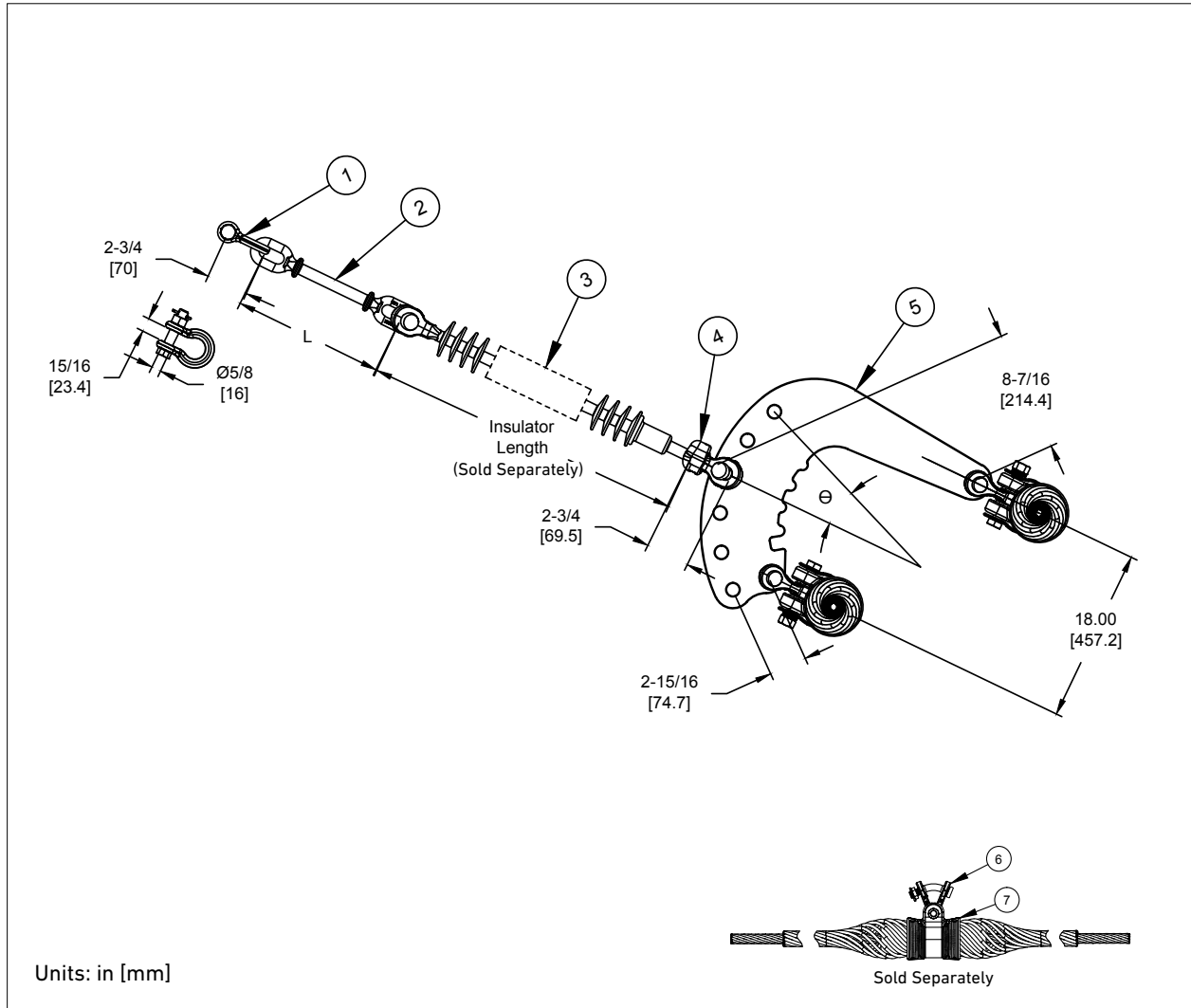
Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea)	UBS
					lb (kg)	
1	AS-60BNK	Anchor Shackle	2	Galvanized Steel	3.0 (1.4)	60,000
2	EEL-50-L	Eye-Eye Link ("L")	2	Galvanized Steel	Variable	50,000
3	Supplied By Other	Insulator String	2	—	—	—
4	SYC-50	Socket Y-Clevis	2	Ductile Iron	5.4 (2.4)	50,000
5	YPD-65617	Yoke Plate, V-String Twin	1	Ductile Iron	22.7 (10.3)	50,000
6	See Note 3 on page 9	Attachment Hardware	2	Ductile Iron	—	—
7	See Note 3 on page 9	Suspension Hardware	2	Aluminum	—	—

I-STRING ASSEMBLY

Angled Suspension Twin-Bundle Conductor, 30 K

Catalog Number: A-IH-21-30



ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

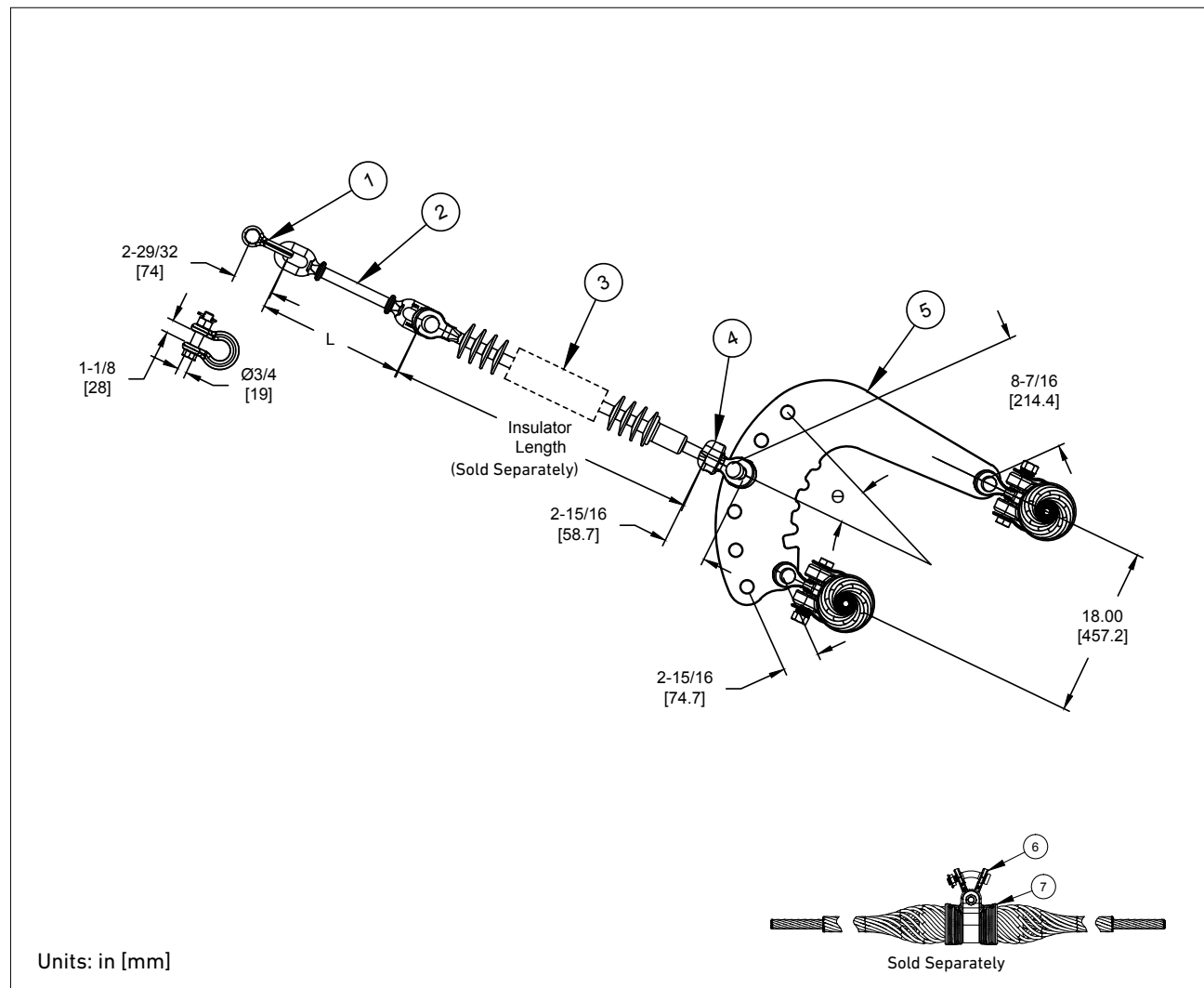
Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea)	UBS
					lb (kg)	lb
1	AS-30BNK	Anchor Shackle	1	Galvanized Steel	1.1 (0.5)	30,000
2	EEL-30-L	Eye-Eye Link ("L")	1	Galvanized Steel	Variable	30,000
3	Supplied By Other	Insulator String	1	—	—	—
4	SYC-30	Socket Y-Clevis	1	Ductile Iron	2.5 (1.1)	30,000
5	YPD-65613	Yoke Plate, Medium Angle, 50 K (Per Hole)	1	Ductile Iron	33.9 (15.4)	50,000
6	See Note 3 on Page 9	Attachment Hardware	2	Ductile Iron	—	—
7	See Note 3 on Page 9	Suspension Hardware	2	Aluminum	—	—

I-STRING ASSEMBLY

Angled Suspension Twin-Bundle Conductor, 50 K

Catalog Number: A-IH-21-50



ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

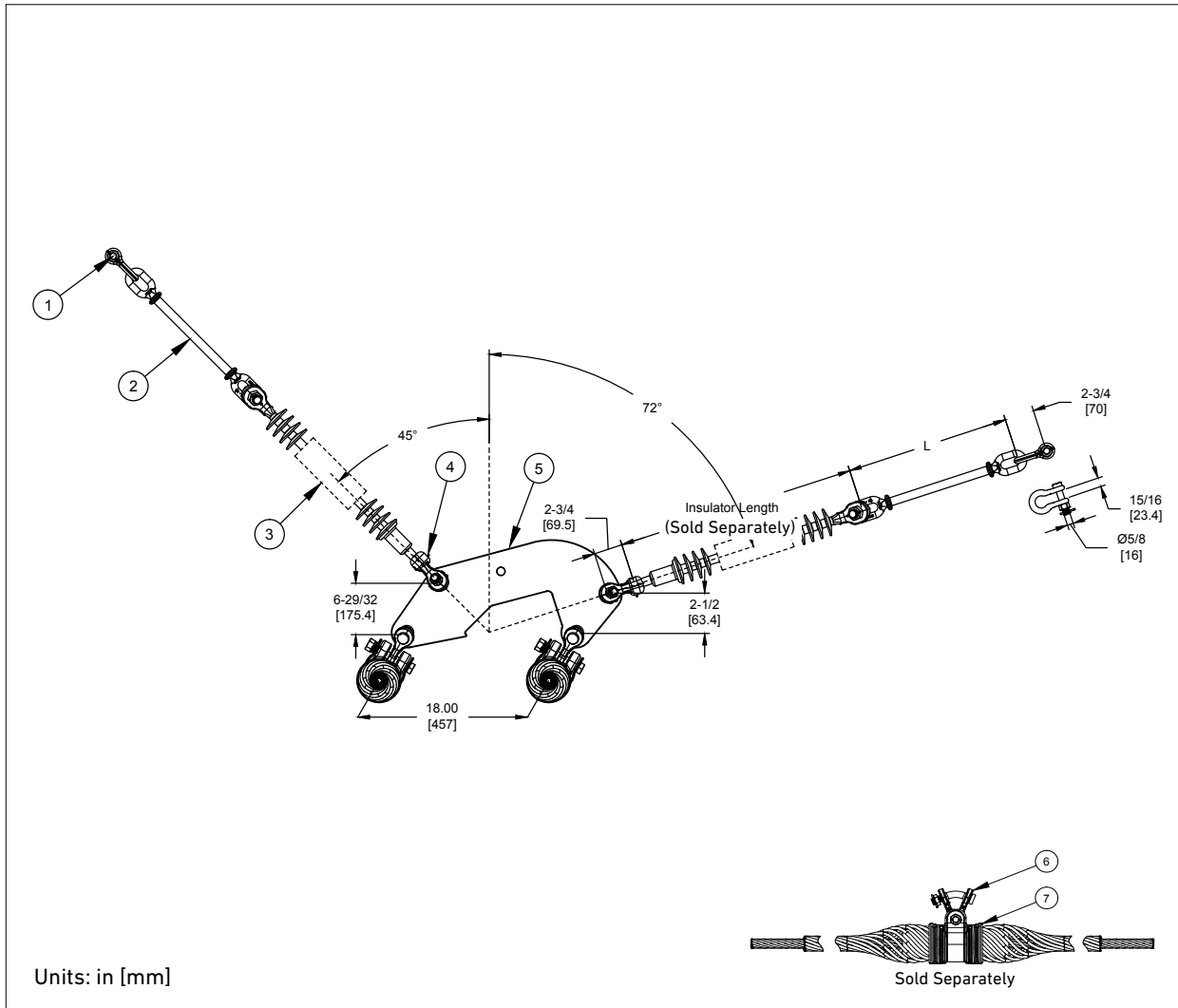
Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea)	UBS
					lb (kg)	lb
1	AS-60BNK	Anchor Shackle	1	Galvanized Steel	3.0 (1.4)	60,000
2	EEL-50-L	Eye-Eye Link ("L")	1	Galvanized Steel	Variable	50,000
3	Supplied By Other	Insulator String	1	—	—	—
4	SYC-50	Socket Y-Clevis	1	Ductile Iron	5.4 (2.5)	50,000
5	YPD-65613	Yoke Plate, Medium Angle, 50 K (Per Hole)	1	Ductile Iron	33.9 (15.4)	50,000
6	See Note 3 on Page 9	Attachment Hardware	2	Ductile Iron	—	—
7	See Note 3 on Page 9	Suspension Hardware	2	Aluminum	—	—

V-STRING ASSEMBLY

Angled Suspension Twin-Bundle Conductor, 30 K

Catalog Number: A-VH-22-30



ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

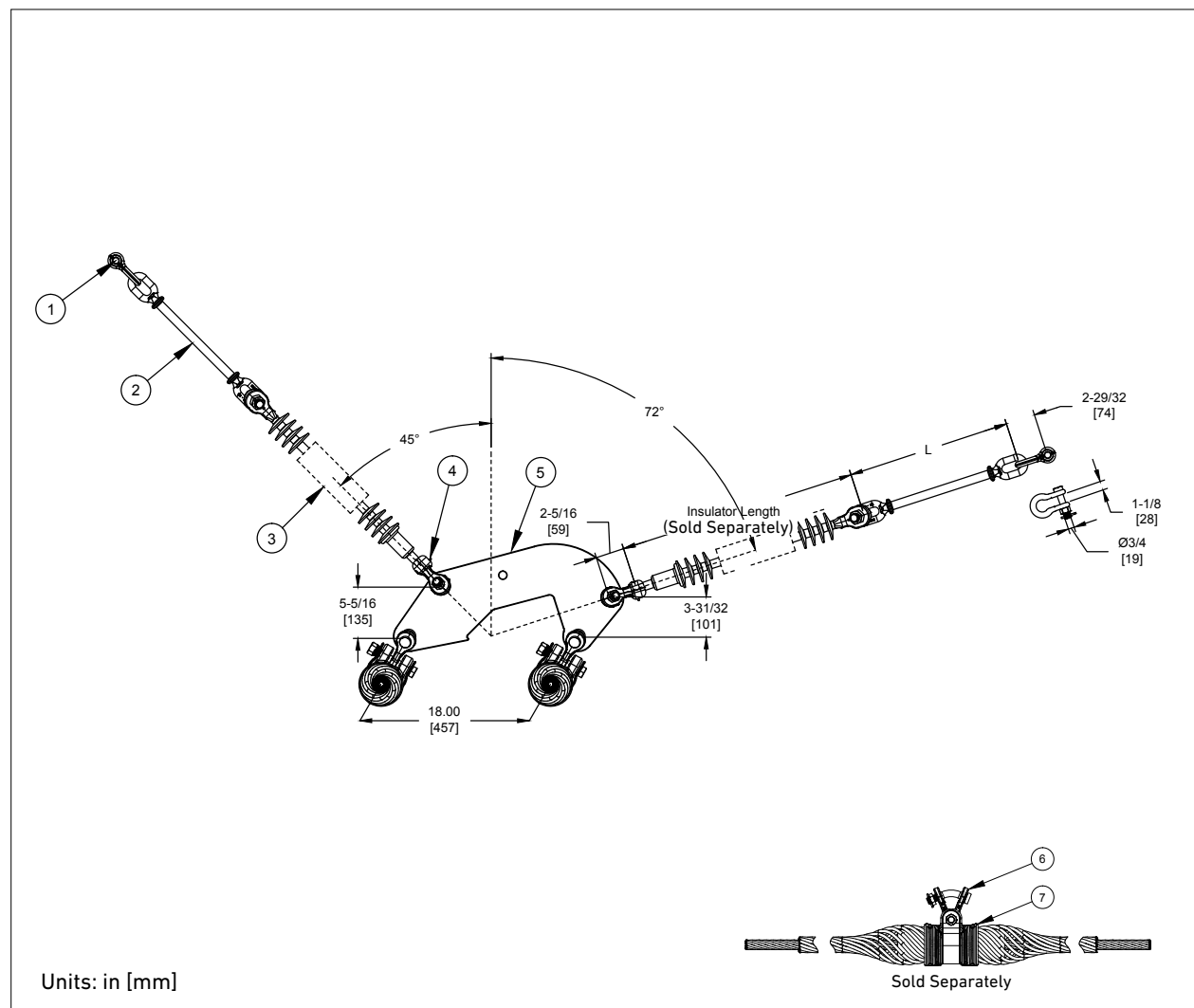
Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea)	UBS
					lb (kg)	lb
1	AS-30BNK	Anchor Shackle	2	Galvanized Steel	1.1 (0.5)	30,000
2	EEL-30-L	Eye-Eye Link ("L")	2	Galvanized Steel	—	30,000
3	Supplied By Other	Insulator String	2	—	—	—
4	SYC-30	Socket Y-Clevis	2	Ductile Iron	2.5 (1.1)	30,000
5	YPD-65958	Yoke Plate, Crescent, 30 K (Per Hole)	1	Ductile Iron	20 (9.1)	30,000
6	See Note 3 on Page 9	Attachment Hardware	2	Ductile Iron	—	—
7	See Note 3 on Page 9	Suspension Hardware	2	Aluminum	—	—

V-STRING ASSEMBLY

Angled Suspension Twin-Bundle Conductor, 50 K

Catalog Number: A-VH-22-50



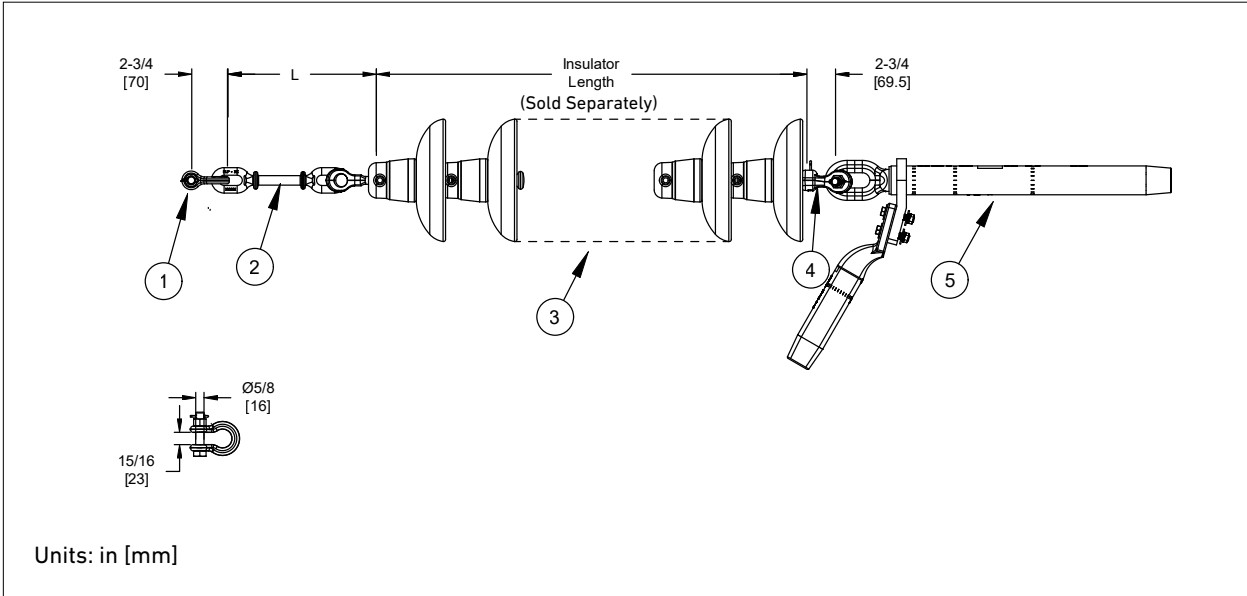
ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea)	UBS
					lb (kg)	lb
1	AS-60BNK	Anchor Shackle	2	Galvanized Steel	3.0 (1.4)	60,000
2	EEL-50-L	Eye-Eye Link ("L")	2	Galvanized Steel	Variable	50,000
3	Supplied By Other	Insulator String	2	—	—	—
4	SYC-50	Socket Y-Clevis	2	Ductile Iron	5.4 (2.5)	50,000
5	YPD-65962	Yoke Plate, Crescent, 50 K (Per Hole)	1	Ductile Iron	33.9 (15.4)	50,000
6	See Note 3 on Page 9	Attachment Hardware	2	Ductile Iron	—	—
7	See Note 3 on Page 9	Suspension Hardware	2	Aluminum	—	—

DEAD-END ASSEMBLY

Single Conductor, 30 K
 Catalog Number: D-IX-11-30



ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

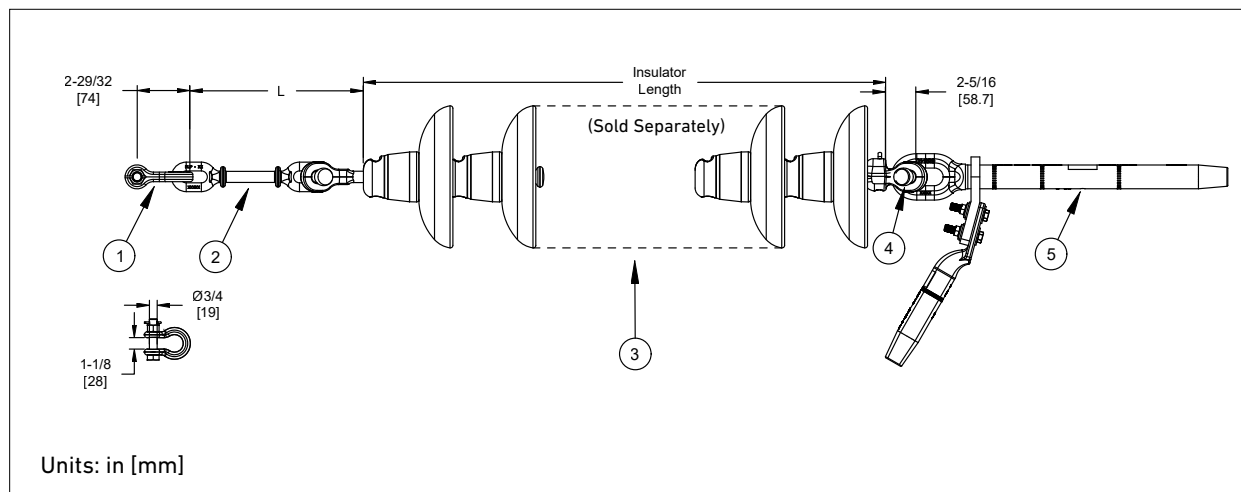
Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea)	UBS
					lb (kg)	lb
1	AS-30BNK	Anchor Shackle	1	Galvanized Steel	1.1 (0.5)	30,000
2	EEL-30-L	Eye-Eye Link ("L")	1	Galvanized Steel	Variable	30,000
3	Supplied By Other	Insulator String	1	—	—	—
4	SYC-30	Socket Y-Clevis	1	Ductile Iron	2.5 (1.1)	30,000
5	See Note 4 on Page 9	Compression Dead-End Jumper Assembly	1	Galvanized Steel and Aluminum	—	95% Tension

DEAD-END ASSEMBLY

Single Conductor, 50 K

Catalog Number: D-IX-11-50



ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

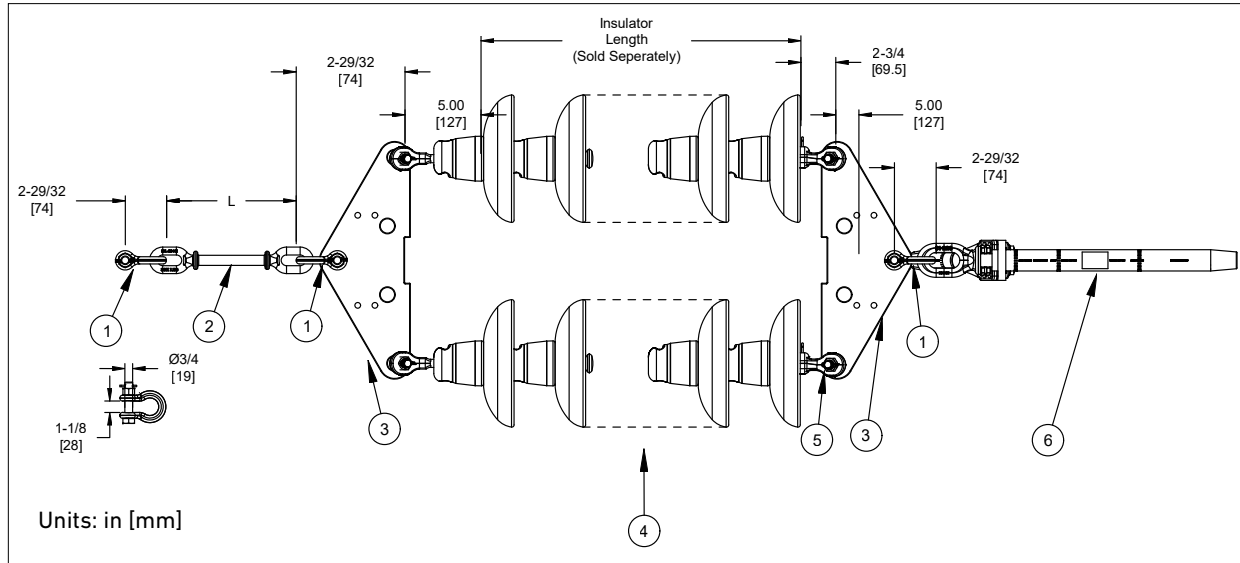
Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea)	UBS
					lb (kg)	lb
1	AS-60BNK	Anchor Shackle	1	Galvanized Steel	3.0 (1.4)	60,000
2	EEL-50-L	Eye-Eye Link ("L")	1	Galvanized Steel	Variable	50,000
3	Supplied By Other	Insulator String	1	—	—	—
4	SYC-50	Socket Y-Clevis	1	Ductile Iron	5.4 (2.5)	50,000
5	See Note 4 on Page 9	Compression Dead-End Jumper Assembly	1	Galvanized Steel and Aluminum	—	95% Tension

DEAD-END ASSEMBLY

Single Conductor, Double Insulator, 30 K

Catalog Number: D-IX-12-30



ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

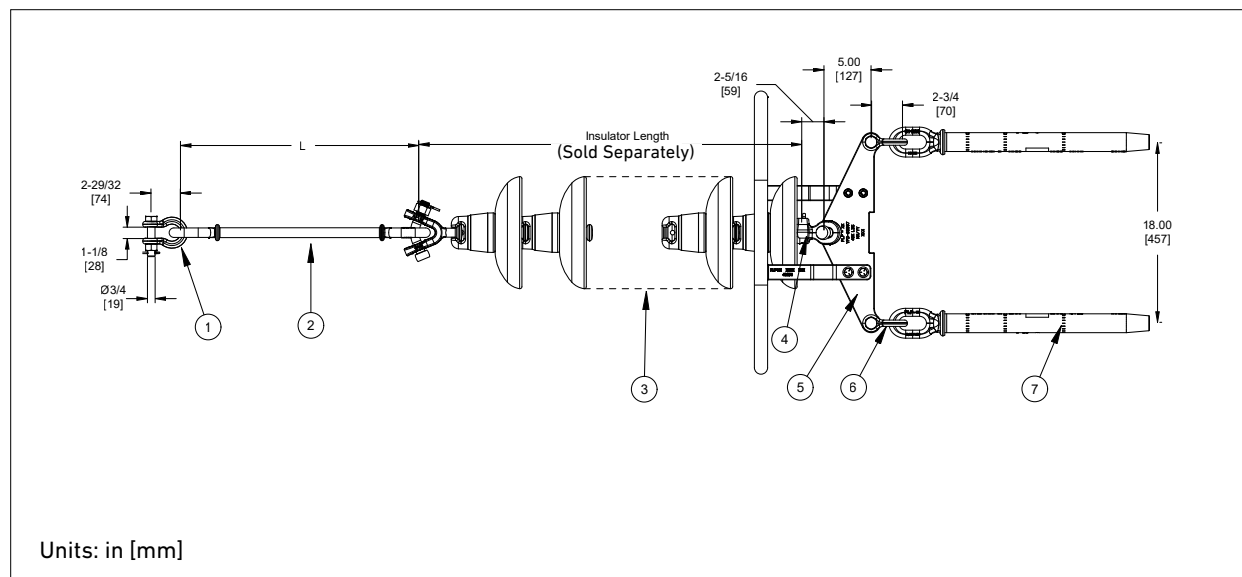
Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea)	UBS
					lb (kg)	lb
1	AS-60BNK	Anchor Shackle	3	Galvanized Steel	3.0 (1.4)	60,000
2	EEL-60-L	Eye-Eye Link ("L")	1	Galvanized Steel	Variable	60,000
3	YPD-69107	Yoke Plate, Delta, 50 K (APEX Hole)	2	Galvanized Steel	20.9 (9.5)	60,000
4	Supplied By Other	Insulator String	2	—	—	—
5	SYC-30	Socket Y-Clevis	2	Ductile Iron	5.4 (2.5)	30,000
6	See Note 4 on Page 9	Compression Dead-End Jumper Assembly	1	Galvanized Steel and Aluminum	—	95% Tension

DEAD-END ASSEMBLY

Twin-Bundle Conductor, Single Insulator, 50 K

Catalog Number: D-IX-21-50



ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

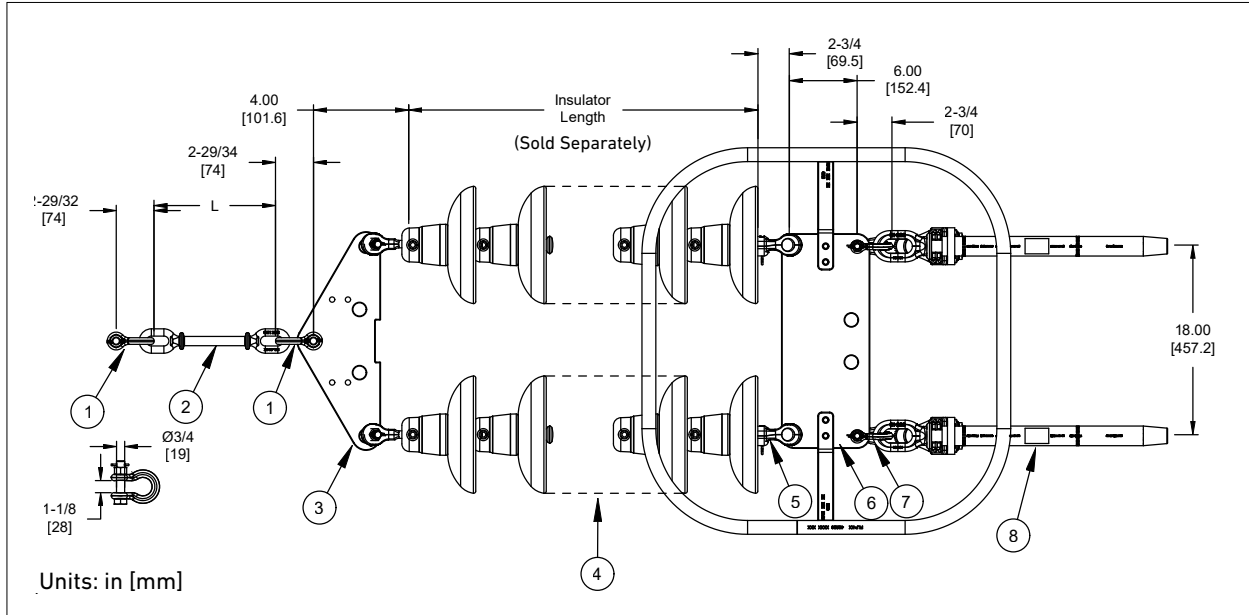
Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea)	UBS
					lb (kg)	lb
1	AS-60BNK	Anchor Shackle	1	Galvanized Steel	3.0 (1.4)	60,000
2	EEL-50-L	Eye-Eye Link ("L")	1	Galvanized Steel	Variable	50,000
3	Supplied By Other	Insulator String	1	—	—	—
4	SYC-50	Socket Y-Clevis	1	Ductile Iron	5.4 (2.5)	50,000
5	YPD-65607	Yoke Plate, Delta, 50 K (APEX Hole)	1	Ductile Iron	20.8 (9.4)	50,000
6	AS-50BNK	Anchor Shackle	2	Galvanized Steel	1.5 (0.5)	30,000
7	See Note 4 on Page 9	Compression Dead-End Jumper Assembly	2	Galvanized Steel and Aluminum	—	95% Tension

DEAD-END ASSEMBLY

Twin-Bundle Conductor, Single Insulator, 30 K

Catalog Number: D-IX-22-30



ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

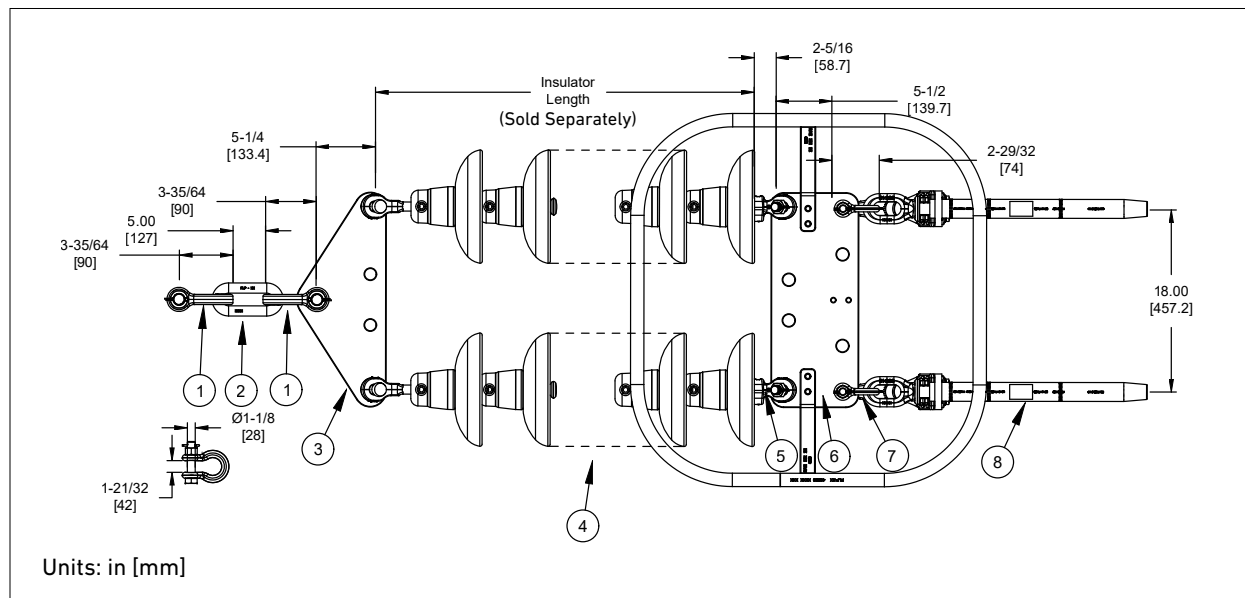
Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea)	UBS
					lb (kg)	lb
1	AS-60BNK	Anchor Shackle	2	Galvanized Steel	3.0 (1.4)	60,000
2	EEL-60-L	Eye-Eye Link ("L")	1	Galvanized Steel	Variable	60,000
3	YPD-69107	Yoke Plate, Delta, 60K (APEX Hole)	1	Ductile Iron	20.8 (9.4)	60,000
4	Supplied By Other	Insulator String	2	—	—	—
5	SYC-30	Socket Y-Clevis	2	Ductile Iron	2.5 (1.1)	30,000
6	YPD-65606	Yoke Plate, Delta, 30 K (APEX Hole)	1	Ductile Iron	29 (13.2)	30,000
7	AS-30BNK	Anchor Shackle	2	Galvanized Steel	1.1 (0.5)	30,000
8	See Note 4 on Page 9	Compression Dead-End Jumper Assembly	2	Galvanized Steel and Aluminum	—	95% Tension

DEAD-END ASSEMBLY

Twin-Bundle Conductor, Double Insulator, 50 K

Catalog Number: D-IX-22-50



ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

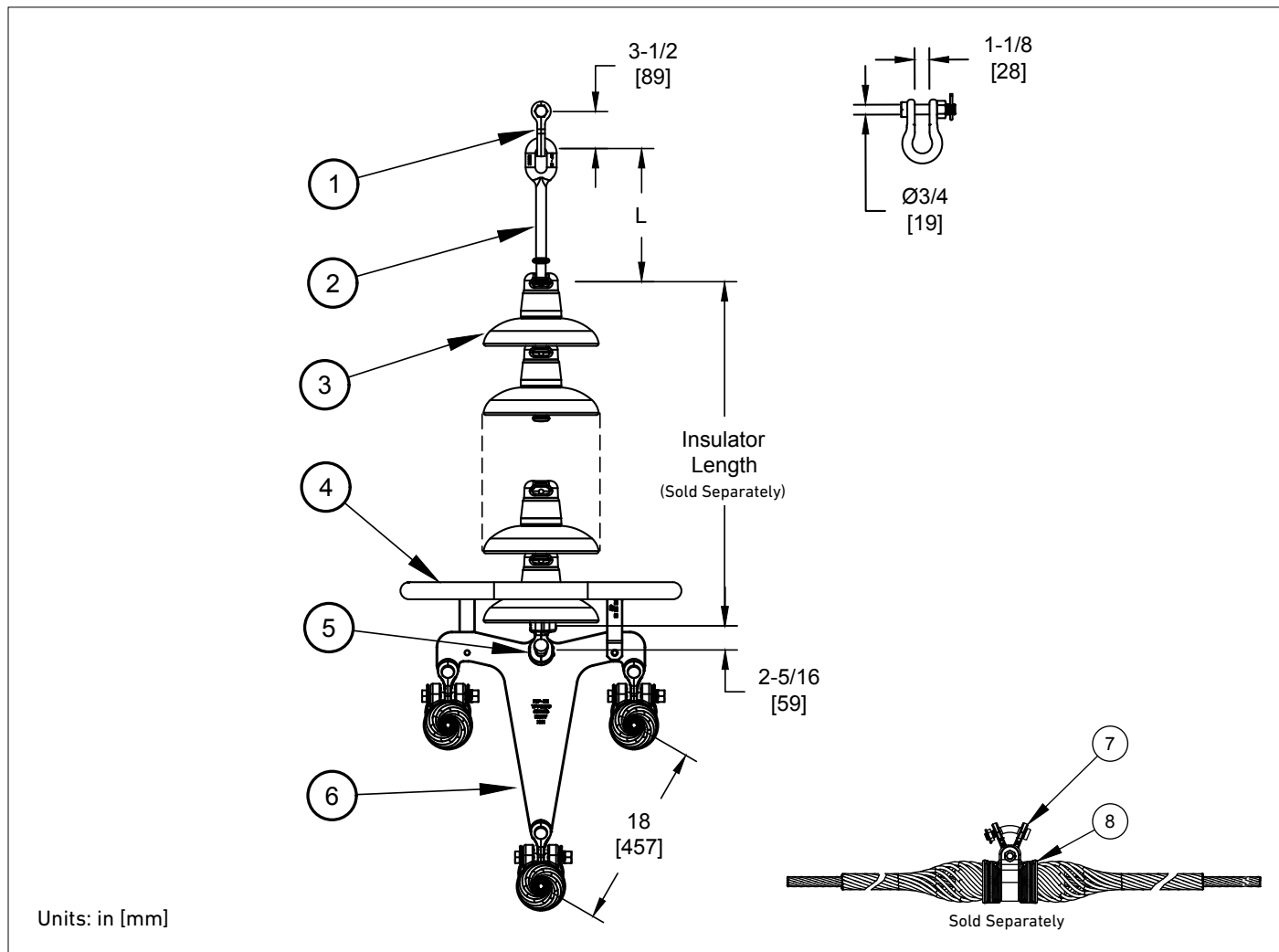
Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea) lb (kg)	UBS
					lb (kg)	lb
1	AS-100BNK	Anchor Shackle	2	Galvanized Steel	5.3 (2.4)	100,000
2	CL-100	Chain Link	1	Galvanized Steel	3.2 (1.5)	100,000
3	YPD-65965	Yoke Plate, Delta, 100K (APEX Hole)	1	Galvanized Steel	28.7 (13.0)	100,000
4	Supplied By Other	Insulator String	2	—	—	—
5	SYC-50	Socket Y-Clevis	2	Ductile Iron	5.4 (2.4)	50,000
6	YPD-65608	Yoke Plate, Delta, 50 K (APEX Hole)	1	Ductile Iron	36.4 (16.5)	50,000
7	AS-60BNK	Anchor Shackle	2	Galvanized Steel	3.0 (1.4)	60,000
8	See Note 4 on Page 9	Compression Dead-End Jumper Assembly	2	Galvanized Steel and Aluminum	—	95% Tension

SUSPENSION ASSEMBLY

Tangent Suspension Tri-Bundle Conductor, 50 K

Catalog Number: S-IT-31-50



ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

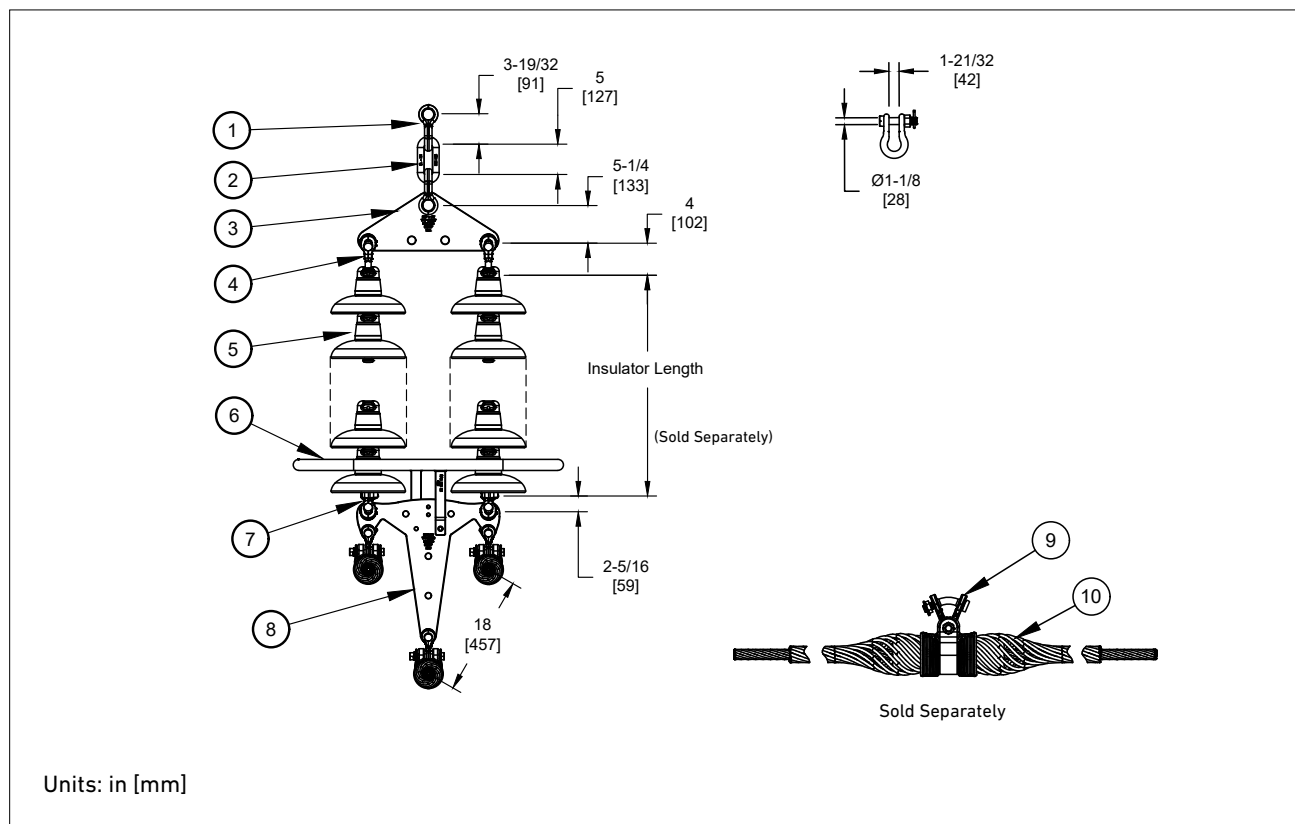
Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea)	UBS
					lb (kg)	lb
1	AS-60BNK	Anchor Shackle	1	Galvanized Steel	3.0 (1.4)	60,000
2	BEL-50-L	Ball-Eye Link ("L")	1	Galvanized Steel	Variable	50,000
3	Supplied By Other	Insulator String	–	–	–	–
4	CR-007	Corona Ring Assembly, I-String	1	Aluminum	13.9 (6.3)	–
5	SYC-50SN	Socket Y-Clevis with Sphere Nut	1	Galvanized Steel	5.6 (2.5)	50,000
6	YPT-65978	Yoke Plate, Tri-Bundle	1	Galvanized Steel	28.9 (13.1)	50,000
7	See Note 3 on Page 9	Attachment Hardware with Sphere Nut	3	Galvanized Steel	–	–
8	See Note 3 on Page 9	Suspension Hardware	3	Aluminum	–	–

SUSPENSION ASSEMBLY

Double Insulator Tangent Suspension, Tri-Bundle Conductor, 50 K

Catalog Number: S-IT-32-50



ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

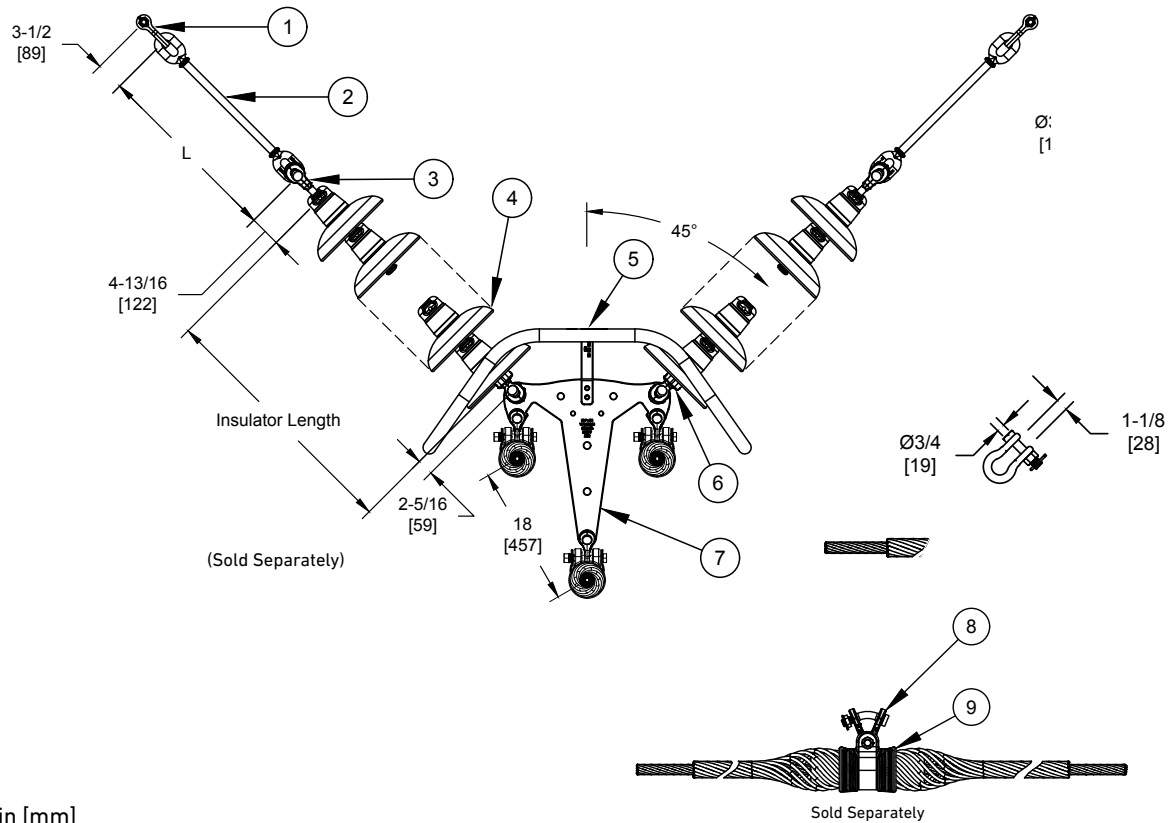
Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea)	UBS
					lb (kg)	lb
1	AS-100LBNK	Anchor Shackle	2	Galvanized Steel	5.3 (2.4)	100,000
2	CL-100	Chain Link	1	Galvanized Steel	3.2 (1.5)	100,000
3	YPD-65965	Yoke Plate, Delta	1	Galvanized Steel	28.7 (13.0)	100,000
4	BYC-50	Ball Y-Clevis		Galvanized Steel	4.0 (1.8)	50,000
5	Supplied By Other	Insulator String	2	—	—	—
6	CR-010	Corona Ring Assembly, I-String	1	Aluminum	13.9 (6.3)	—
7	SYC-50SN	Socket Y-Clevis with Sphere Nut	2	Galvanized Steel	5.6 (2.5)	50,000
8	YPT-66115	Yoke Plate, Tri-Bundle	1	Galvanized Steel	33.4 (15.1)	50,000
9	See Note 3 on Page 9	Attachment Hardware with Sphere Nut	3	Ductile Iron	—	—
10	See Note 3 on Page 9	Suspension Hardware	3	Aluminum	—	—

SUSPENSION ASSEMBLY

Tangent Suspension Tri-Bundle Conductor, 50 K

Catalog Number: S-VT-32-50



ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

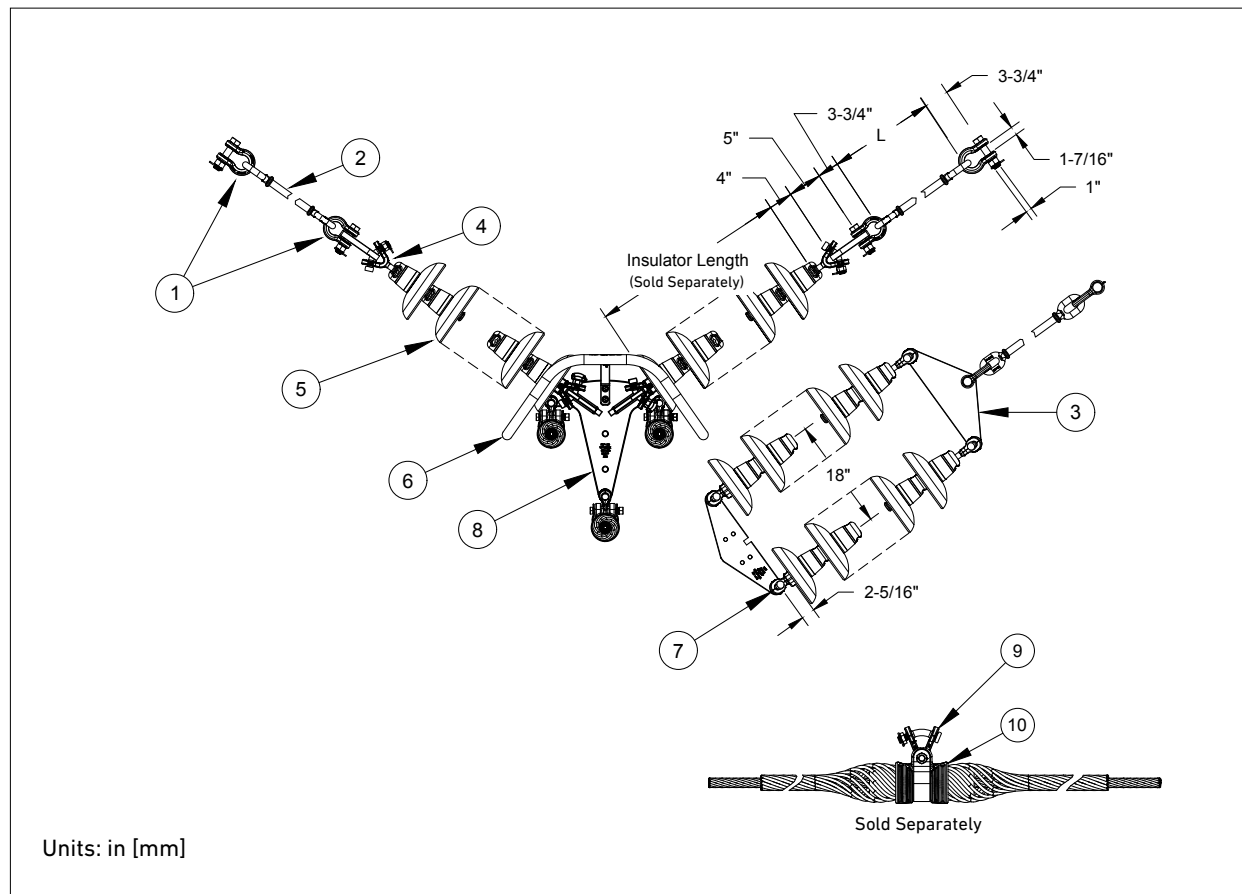
Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea)	UBS
					lb (kg)	lb
1	AS-60BNK	Anchor Shackle	2	Galvanized Steel	3.0 (1.4)	60,000
2	EEL-50-L	Eye-Eye Link, 50 K ("L")	2	Galvanized Steel	Variable	50,000
3	BC-50	Ball Clevis	2	Galvanized Steel	3.3 (1.5)	50,000
4	Supplied By Other	Insulator String	2	—	—	50,000
5	CR-006	Corona Ring, V-String	1	Aluminum	21.8 (9.9)	—
6	SYC-50	Socket Y-Clevis	2	Galvanized Steel	5.4 (2.5)	50,000
7	YPT-66115	Yoke Plate, Tri-Bundle	1	Galvanized Steel	33.4 (15.1)	50,000
8	See Note 4 on Page 9	Attachment Hardware	3	Ductile Iron	—	—
9	See Note 4 on Page 9	Suspension Hardware	3	Aluminum	—	—

SUSPENSION ASSEMBLY

Tangent Suspension Tri-Bundle Conductor, 50 K

Catalog Number: S-VT-34-50



ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

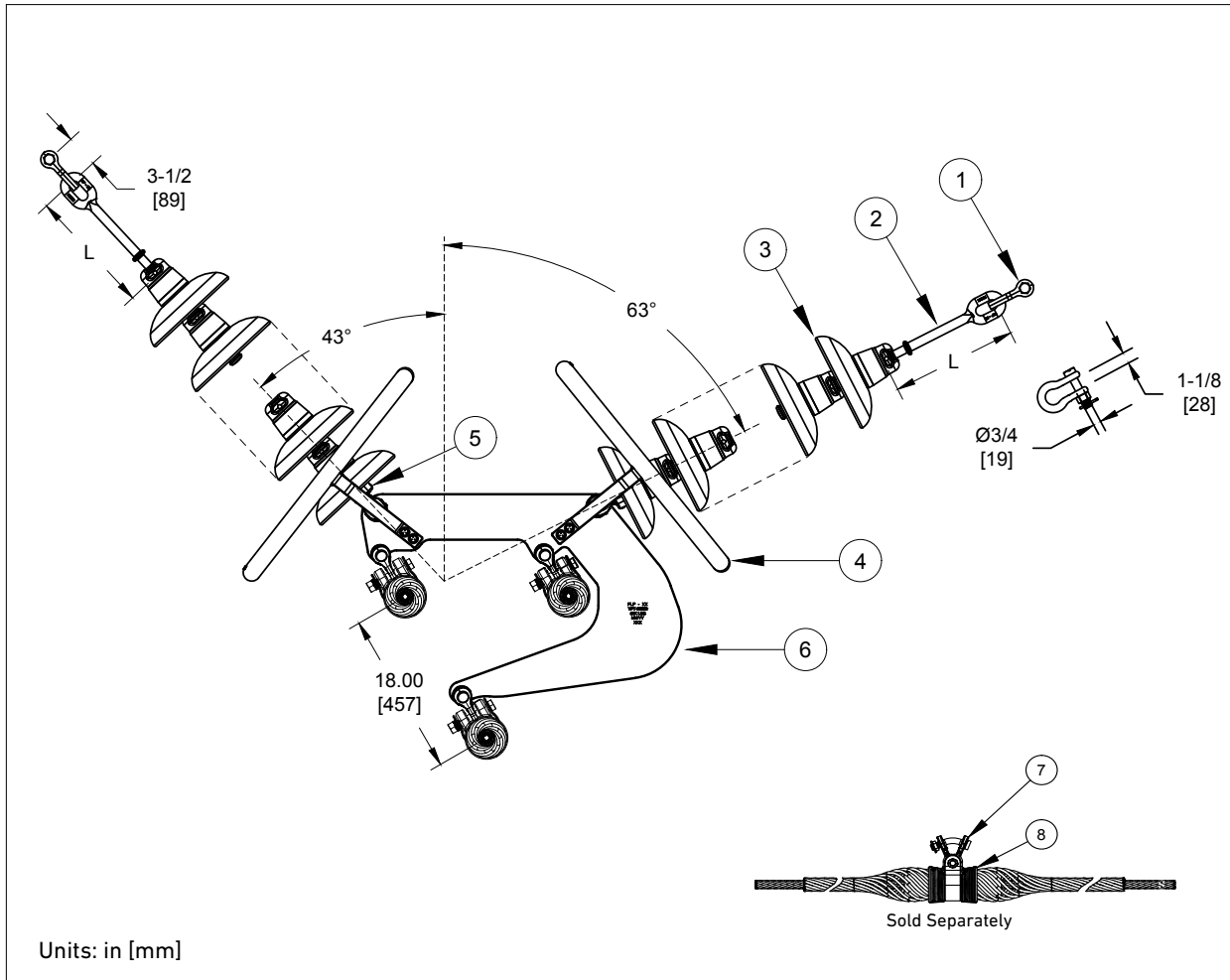
Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea)	UBS
					lb (kg)	lb
1	AS-80BNK	Anchor Shackle	4	Galvanized Steel	4.5 (2.0)	80,000
2	EEL-80-L	Eye-Eye Link, 80K ("L")	2	Galvanized Steel	Variable	80,000
3	YPD-65598	Yoke Plate, Delta			25.8 (11.7)	80,000
4	BYC-50	Ball Y-Clevis	2	Galvanized Steel	3.3 (1.5)	50,000
5	Supplied By Other	Insulator String	2	—	—	50,000
6	CR-011	Corona Ring, V-String	1	Aluminum	13.6 (6.2)	—
7	SYC-50SN	Socket Y-Clevis w/Sphere Nut	2	Galvanized Steel	5.4 (2.5)	50,000
8	YPT-66118	Yoke Plate, Tri-Bundle	1	Galvanized Steel	62.6 (28.4)	50,000
9	See Note 4 on Page 9	Attachment Hardware w/ Sphere Nut	3	Ductile Iron	—	—
10	See Note 4 on Page 9	Suspension Hardware	3	Aluminum	—	—

DEAD-END ASSEMBLY

Angled Suspension, Tri-Bundle Conductor, 50 K

Catalog Number: A-VT-32-50



ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

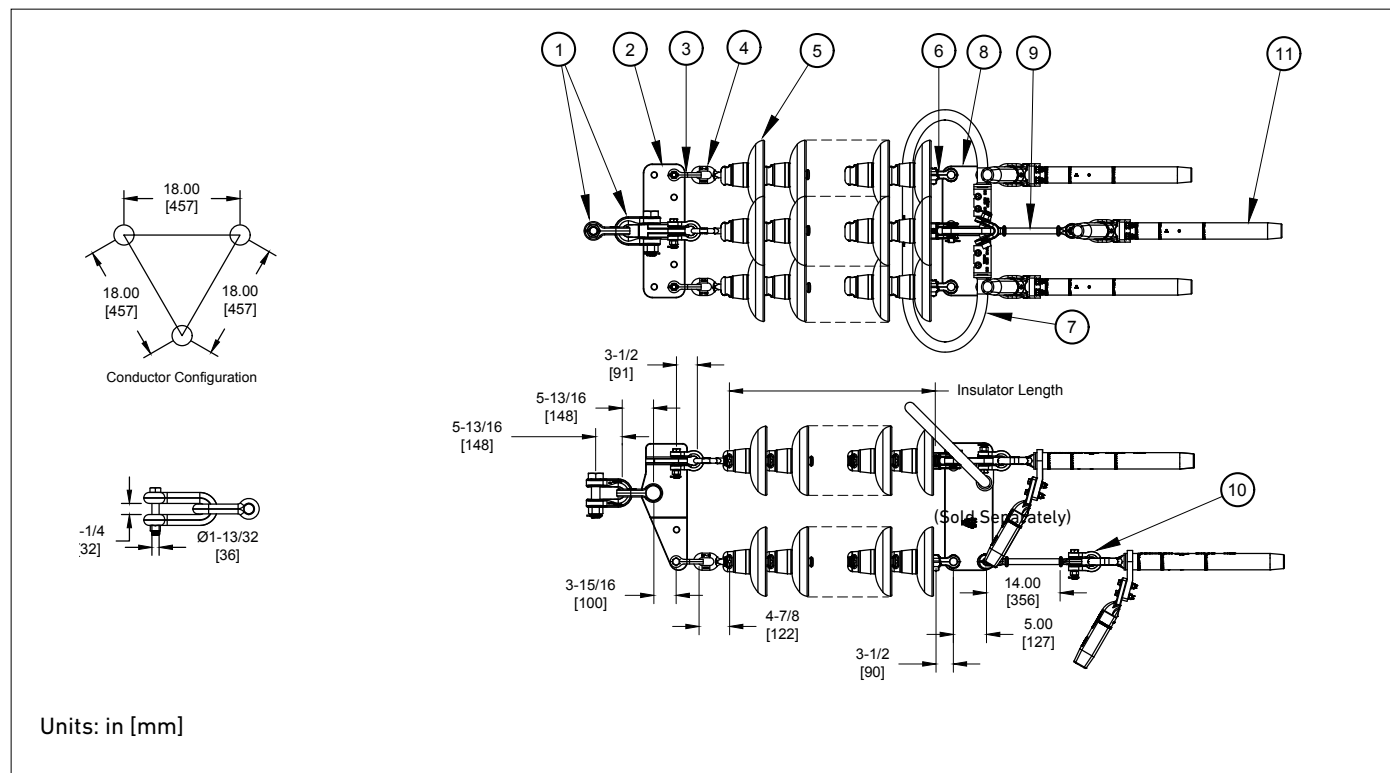
Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea)	UBS
					lb (kg)	lb
1	AS-60BNK	Anchor Shackle	2	Galvanized Steel	3.0 (1.4)	60,000
2	BEL-50-L	Ball-Eye Link ("L")	2	Galvanized Steel	Variable	50,000
3	Supplied By Other	Insulator String	—	—	—	—
4	CR-009	Corona Ring Assembly, Angled Suspension	2	Aluminum	5.5 (2.5)	—
5	SYC-50SN	Socket Y-Clevis with Sphere Nut	2	Galvanized Steel	5.6 (2.5)	50,000
6	YPT-65982	Yoke Plate, Tri-Bundle, Angled V-String	1	Galvanized Steel	74.3 (33.7)	50,000
7	See Note 3 on Page 9	Attachment Hardware with Sphere Nut	3	Galvanized Steel	—	—
8	See Note 3 on Page 9	Suspension Hardware	3	Aluminum	—	—

DEAD-END ASSEMBLY

Tri-Bundle Conductor, Triple Insulator, 50 K

Catalog Number: D-IX-33-50



ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY PER FACTORY TOLERANCES. CONTACT PLP FOR MORE INFORMATION.

Bill of Materials

Symbol	Part Number	Description	Qty	Material	Weight (ea)	UBS
					lb (kg)	lb
1	AS-150BNK	Anchor Shackle	3	Galvanized Steel	13.0 (5.9)	150,000
2	YPT-66008	Yoke Plate, Tri-Bundle, Dead-End, Tower End	1	Galvanized Steel	81 (37)	150,000
3	AS-60BNK	Anchor Shackle	3	Galvanized Steel	3.0 (1.4)	60,000
4	BE-50	Ball Eye	3	Galvanized Steel	1.5 (0.68)	50,000
5	Supplied By Other	Insulator String	–	–	–	50,000
6	SC-50BNK	Socket Clevis	3	Galvanized Steel	3.1 (1.4)	50,000
7	CR-008	Corona Ring, Dead-End Assembly	1	Aluminum	8.0 (3.6)	–
8	YPT-66009	Yoke Plate, Tri-Bundle, Dead-End, Conductor End	1	Ductile Iron	86 (39)	50,000
9	EYCL-50-14	Y-Clevis Eye Link, 14"	1	Galvanized Steel	5.0 (2.3)	50,000
10	AS-60BNKSN	Anchor Shackle with Sphere Nut	3	Galvanized Steel	3.2 (1.5)	60,000
11	See Note 4 on Page 9	Compression Dead-End Jumper Assembly	3	Galvanized Steel and Aluminum	–	95% RBS



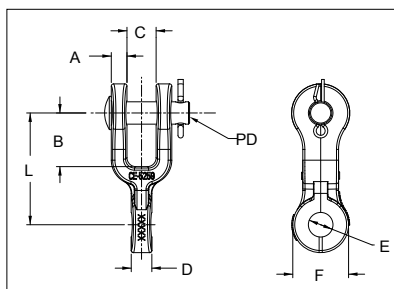
STRING HARDWARE COMPONENTS

PLP's **String Hardware Assemblies** solutions include a complete range of individual hardware components needed for tangent suspensions, angled suspensions, and dead-end applications.

FEATURES AND BENEFITS

- Complete selection of high-quality clevises, extension links, anchor shackles, turnbuckles, vertical bundling links, yoke plates, corona rings, and associated hardware
- Multiple sizes and configurations to accommodate every project
- Precision manufactured to maximize strength and durability
- Meets IEEE C135.61 Standard for the Testing of Overhead Transmission and Distribution Line Hardware requirements

CLEVIS EYE

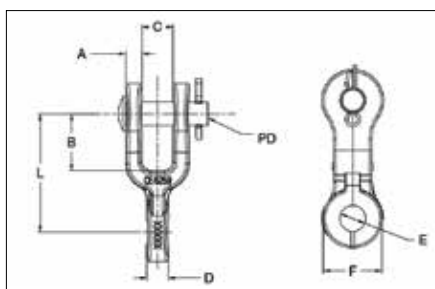


Component	Material
Body	Ductile Iron, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions								Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)									
	A	B	C	D	E	F	L	PD	lbf (kN)	lb (kg)
CE-5259	7/16 (11.2)	1-1/2 (38.1)	13/16 (20.6)	1/2 (17.5)	11/16 (17.5)	1-1/2 (38.1)	3-1/8 (79.4)	5/8 (16)	15,000 (67)	104 (47)
CE-5261	7/16 (11.2)	1-1/2 (38.1)	13/16 (20.6)	3/4 (19.1)	11/16 (17.5)	1-1/2 (38.1)	3-1/8 (79.4)	5/8 (16)	20,000 (84)	104 (47)
CE-5105	7/16 (11.2)	1-1/2 (38.1)	13/16 (20.6)	1-1/16 (26.9)	13/16 (20.6)	1-1/2 (38.1)	3-1/8 (79.4)	5/8 (16)	25,000 (111)	105 (48)
CE-5106	7/16 (11.2)	1-1/2 (38.1)	13/16 (20.6)	2-1/8 (54.0)	13/16 (20.6)	1-1/2 (38.1)	3-1/8 (79.4)	5/8 (16)	25,000 (111)	157 (71)
CE-5107	7/16 (11.2)	1-1/2 (38.1)	13/16 (20.6)	1 (25.4)	11/16 (17.5)	1-1/2 (38.1)	3-1/8 (79.4)	5/8 (16)	25,000 (111)	125 (57)

For bolt, nut, and cotter in place of clevis pin, add BNK to the catalog number.

CLEVIS EYE FOR ALS

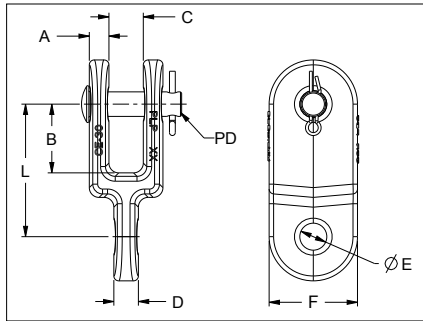


Catalog Number	General Dimensions								Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)									
	A	B	C	D	E	F	L	PD	lbf (kN)	lb (kg)
	CE-9109	7/16 (11.2)	1-1/4 (32)	7/8 (22.2)	5/8 (15.9)	11/16 (17.5)	1-9/16 (39.7)	2-7/8 (73)	5/8 (16)	15,000
CE-9110	1/2 (12.7)	1-1/4 (32)	7/8 (22.2)	3/4 (19)	11/16 (17.5)	1-21/32 (42)	2-7/8 (73)	5/8 (16)	25,000	106
CE-9111	1/2 (12.7)	1-1/4 (32)	7/8 (22.2)	1-1/4 (32)	11/16 (17.5)	1-21/32 (42)	2-7/8 (73)	5/8 (16)	25,000	127
CE-9112	1/2 (12.7)	1-1/4 (32)	7/8 (22.2)	1-3/4 (44.5)	11/16 (17.5)	1-21/32 (42)	2-7/8 (73)	5/8 (16)	25,000	146
CE-9113	1/2 (12.7)	1-1/4 (32)	7/8 (22.2)	2-1/4 (57.2)	11/16 (17.5)	1-21/32 (42)	2-7/8 (73)	5/8 (16)	25,000	164
CE-6110	1/2 (12.7)	1-1/4 (32)	7/8 (22.2)	2-3/4 (69.9)	11/16 (17.5)	1-25/32 (45.2)	2-7/8 (73)	5/8 (16)	30,000	229

For bolt, nut, and cotter in place of clevis pin, add BNK to the catalog number.



CLEVIS EYE – 30 K

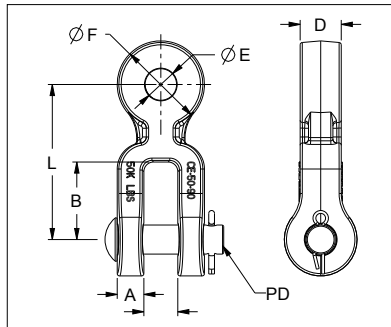


Component	Material
Body	Ductile Iron, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions								Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)									
	A	B	C	D	E	F	L	PD	lbf (kN)	lb (kg)
CE-30	1/2 (12.7)	1-3/4 (44.5)	7/8 (22.2)	5/8 (16)	11/16 (17.5)	2-1/4 (57.2)	3-3/8 (85.7)	5/8 (16)	30,000 (133)	290 (131)

For bolt, nut, and cotter in place of clevis pin, add BNK to the catalog number.

ROTATED CLEVIS EYE

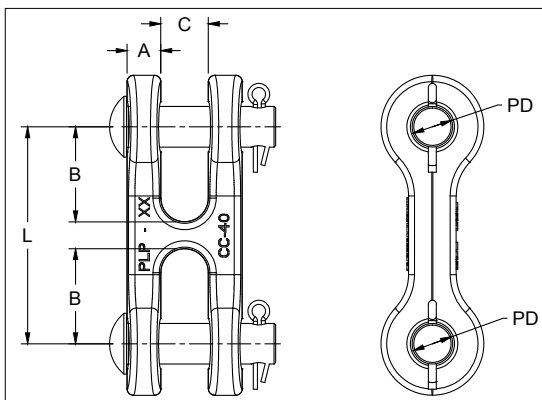


Component	Material
Body	Ductile Iron, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions								Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)									
	A	B	C	D	E	F	L	PD	lbf (kN)	lb (kg)
CE-30-90	1/2 (17.5)	2-1/2 (63.5)	7/8 (22.4)	1-1/16 (26.9)	13/16 (20.6)	2 (50.8)	4-1/2 (114.3)	5/8 (16)	30,000 (133)	201 (91)
CE-50-90	11/16 (17.2)	2 (50.8)	7/8 (22.4)	1-1/16 (26.9)	13/16 (20.6)	2-1/4 (57.2)	4 (101.6)	3/4 (19)	50,000 (222)	290 (131)
CE-9025-90	1/2 (12.7)	1-1/4 (32)	7/8 (22.2)	5/8 (15.9)	11/16 (17.5)	1-21/32 (42)	2-7/8 (73)	5/8 (16)	15,000 (67)	101 (46)
CE-9026-90	1/2 (12.7)	1-1/4 (32)	7/8 (22.2)	3/4 (19)	11/16 (17.5)	1-21/32 (42)	2-7/8 (73)	5/8 (16)	25,000 (111)	106 (48)
CE-9027-90	1/2 (12.7)	1-1/4 (32)	7/8 (22.2)	1-1/4 (32)	11/16 (17.5)	1-21/32 (42)	2-7/8 (73)	5/8 (16)	25,000 (111)	127 (58)
CE-9028-90	1/2 (12.7)	1-1/4 (32)	7/8 (22.2)	1-3/4 (44.5)	11/16 (17.5)	1-21/32 (42)	2-7/8 (73)	5/8 (16)	25,000 (111)	146 (66)
CE-9029-90	1/2 (12.7)	1-1/4 (32)	7/8 (22.2)	2-1/4 (57.2)	11/16 (17.5)	1-21/32 (42)	2-7/8 (73)	5/8 (16)	25,000 (111)	164 (74)

For bolt, nut, and cotter in place of clevis pin, add BNK to the catalog number (Ex: CE-30-90BNK).

CLEVIS CLEVIS – 30 K & 40K

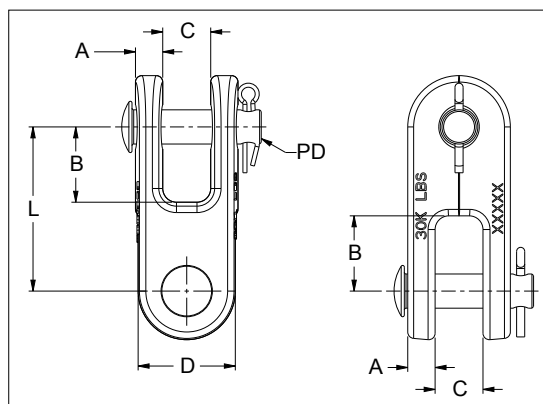


Component	Material
Body	Ductile Iron, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions					Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)						
	A	B	C	L	PD	lbf (kN)	lb (kg)
CC-30	17/32 (13.5)	1-3/4 (44.5)	7/8 (22.2)	4 (101.6)	5/8 (16)	30,000 (133)	210 (95)
CC-40	5/8 (15.9)	1-3/4 (44.5)	7/8 (22.2)	4 (101.6)	5/8 (16)	40,000 (177)	270 (122)

For bolt, nut, and cotter in place of clevis pin, add BNK to the catalog number.

ROTATED CLEVIS CLEVIS – 30 K

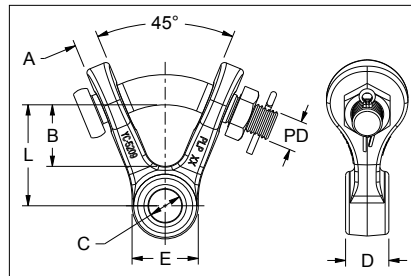


Component	Material
Body	Ductile Iron/ Forged Steel, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions						Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)							
	A	B	C	D	L	PD	lbf (kN)	lb (kg)
CC-30-90	1/2 (12.7)	1-3/8 (34.9)	7/8 (22.2)	1-25/32 (45.1)	3 (76.2)	5/8 (16)	30,000 (133)	250 (113)

For bolt, nut, and cotter in place of clevis pin, add BNK to the catalog number.

Y-CLEVIS EYE FOR SUSPENSIONS

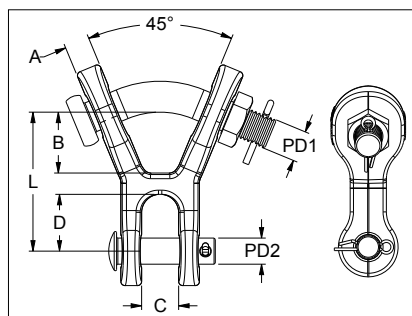


Component	Material
Body	Ductile Iron, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions							Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)								
	A	B	C	D	E	L	PD	lbf (kN)	lb (kg)
YC-5206	19/32 (15)	1-3/4 (44.5)	11/16 (17.5)	5/8 (15.9)	1-5/8 (41.3)	2-19/32 (66)	3/4 (19)	15,000 (67)	170 (77)
YC-5207	19/32 (15)	1-3/4 (44.5)	11/16 (17.5)	3/4 (19)	1-5/8 (41.3)	2-7/16 (61.9)	3/4 (19)	20,000 (84)	170 (77)
YC-5209	19/32 (15)	1-1/2 (38.1)	13/16 (20.6)	1-1/16 (26.9)	1-5/8 (41.3)	2-1/2 (63.5)	3/4 (19)	25,000 (111)	173 (78)
YC-5211	19/32 (15)	1-1/2 (38.1)	13/16 (20.6)	2-1/8 (54.0)	1-5/8 (41.3)	2-1/2 (63.5)	3/4 (19)	25,000 (111)	195 (88)
YC-5212	19/32 (15)	1-1/2 (38.1)	11/16 (17.5)	1 (25.4)	1-5/8 (41.3)	2-1/2 (63.5)	3/4 (19)	25,000 (111)	180 (81)
YCE-50	3/4 (19)	1-19/32 (40.6)	13/16 (20.6)	1-1/8 (28.6)	2 (50.8)	2-19/32 (66)	7/8 (22)	50,000 (222)	260 (117)
YC-9030	19/32 (15)	1-7/16 (36.5)	11/16 (17.5)	5/8 (15.9)	1-5/8 (41.3)	2-7/16 (61.9)	3/4 (19)	15,000 (67)	1.2 (.56)
YC-9031	19/32 (15)	1-7/16 (36.5)	11/16 (17.5)	3/4 (19.1)	1-7/10 (43.2)	2-7/16 (61.9)	3/4 (19)	25,000 (111)	1.3 (.6)
YC-9032	19/32 (15)	1-7/16 (36.5)	11/16 (17.5)	1-1/4 (31.8)	1-7/10 (43.2)	2-7/16 (61.9)	3/4 (19)	25,000 (111)	1.5 (.7)
YC-9033	19/32 (15)	1-7/16 (36.5)	11/16 (17.5)	1-3/4 (44.5)	1-7/10 (43.2)	2-7/16 (61.9)	3/4 (19)	25,000 (111)	1.7 (.8)
YC-9034 ¹	19/32 (15)	1-7/16 (36.5)	11/16 (17.5)	2-1/4 (57.2)	1-7/10 (43.2)	2-7/16 (61.9)	3/4 (19)	30,000 (133)	1.9 (.9)
YC-6108 ¹	19/32 (15)	1-25/32 (45.2)	13/16 (20.6)	2-3/4 (69.9)	1-13/16 (46)	2-23/32 (69)	3/4 (19)	30,000 (133)	261 (118)

¹ Body is forged steel.

Y-CLEVIS CLEVIS – 30 K

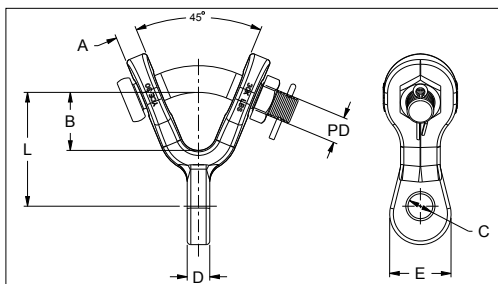


Component	Materials
Body	Ductile Iron, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions							Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)								
	A	B	C	D	L	PD1	PD2	lbf (kN)	lb (kg)
YCC-30	19/32 (15)	1-15/32 (37)	7/8 (23)	1-3/8 (35)	3-5/16 (84)	3/4 (19)	5/8 (16)	30,000 (133)	240 (108)

For bolt, nut, and cotter in place of clevis pin, add BNK to the catalog number (Ex: YCC-30BNK).

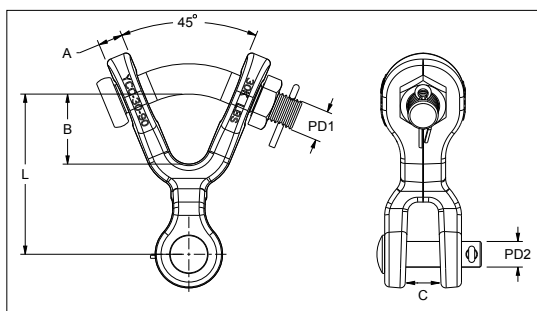
Y-CLEVIS EYE – 30 K



Component	Material
Body	Ductile Iron, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions							Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)								
	A	B	C	D	L	PD	PD	lbf (kN)	lb (kg)
YCE-30	19/32 (15)	1-3/4 (44.5)	11/16 (17.5)	5/8 (15.9)	1-11/16 (42.8)	3-5/32 (80.2)	3/4 (19)	30,000 (133)	190 (86)

ROTATED Y-CLEVIS CLEVIS – 30 K

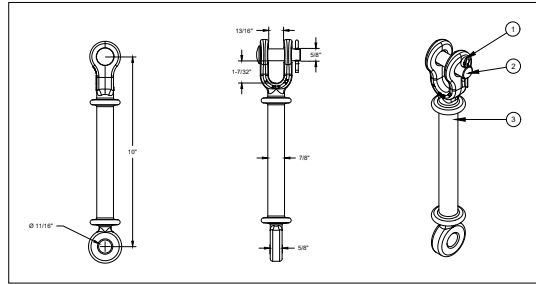


Component	Material
Body	Ductile Iron, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions							Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)								
	A	B	C	D	L	PD1	PD2	lbf (kN)	lb (kg)
YCC-30-90	19/32 (15.2)	1-3/4 (44.5)	7/8 (22.2)	1.36 (35)	3-29/32 (99.4)	3/4 (19)	5/8 (16)	30,000 (133)	370 (167)

For bolt, nut, and cotter in place of clevis pin and cotter, add BNK to the catalog number (Ex: YCC-30-90BNK).

CLEVIS EYE LINK – 30 K

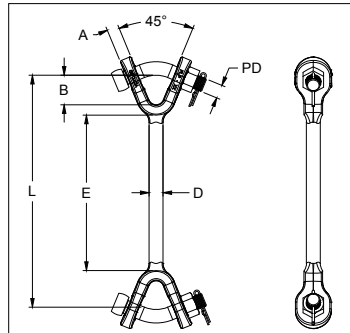


Component	Material
Body	Ductile Iron, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions							Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)								
	A	B	C	D	E	L	PD	lbf (kN)	lb (kg)
CEL-30-10	5/8 (15.9)	1-5/32 (29.4)	13/16 (20.6)	7/8 (22.2)	11/16 (17.5)	10 (254)	5/8 (15.9)	30,000 (133)	2.4 (1.1)

For 90 degree rotation, add a "-90" to the end of the part number (Ex:CEL-30-90).

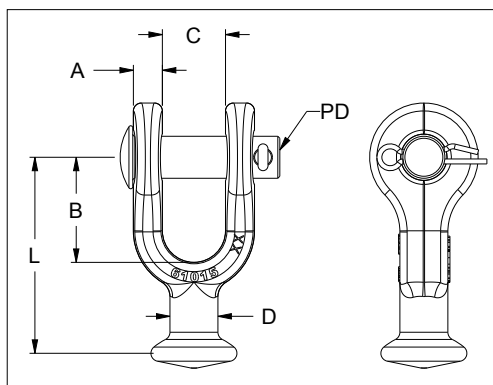
Y-CLEVIS – Y-CLEVIS LINK



Component	Material
Body	Forged Steel, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions						Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)							
	A	B	D	E	L	PD	lbf (kN)	lb (kg)
YCYC-50	3/4 (19)	1-1/2 (38.1)	Ø 7/8 (22.2)	10 (253.5)	14-5/16 (363.4)	15/16 (23.5)	50,000 (222)	670 (304)

BALL CLEVIS

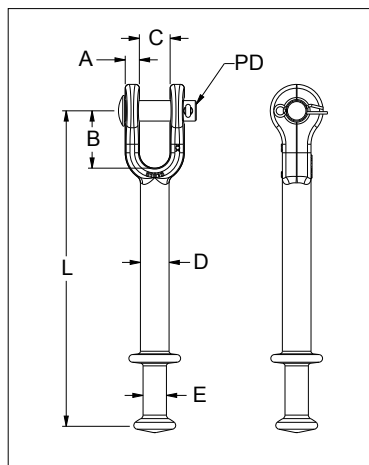


Component	Material
Body	Ductile Iron, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions						For Use with Insulators per ANSI Class Spec. C-29.2-71	Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)							lbf (kN)	lb (kg)
	A	B	C	D	L	PD			
BC-30	7/16 (11)	1-9/16 (39.7)	15/16 (24)	11/16 (18)	2-15/16 (74)	5/8 (16)	52-3 and 52-5	30,000 (133)	125 (57)
BC-50	5/8 (16)	1-15/16 (49.2)	15/16 (24)	7/8 (22.6)	4-3/8 (111)	3/4 (19)	52-8 and 52-11	50,000 (222)	330 (149)

For bolt, nut, and cotter in place of clevis pin and cotter, add BNK to the catalog number (Ex: BC-30BNK).

BALL CLEVIS LINK

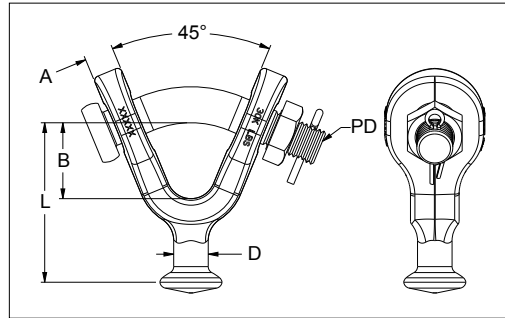


Component	Material
Body	Forged Steel, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions							For Use with Insulators per ANSI Class Spec. C-29.2-71	Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)								lbf (kN)	lb (kg)
	A	B	C	D	E	L	PD			
BCL-30	7/16 (11)	1-3/4 (44.5)	15/16 (24)	7/8 (22.2)	11/16 (18)	9-5/8 (15.9)	5/8 (16)	52-3 and 52-5	30,000 (133)	230 (104)
BCL-50	9/16 (14.3)	1-3/4 (44.5)	15/16 (24)	15/16 (24)	7/8 (22.6)	10-1/8 (25.6)	7/8 (22)	52-8 and 52-11	50,000 (222)	290 (131)

For bolt, nut, and cotter in place of clevis pin and cotter, add BNK to the catalog number (Ex: BCL-30BNK).

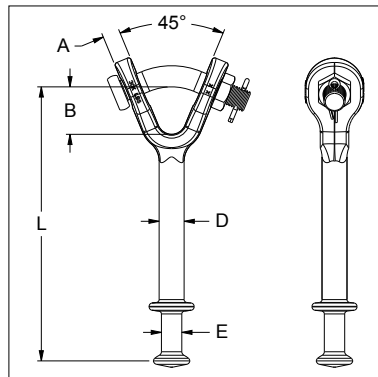
BALL Y-CLEVIS



Component	Material
Body	Forged Steel, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions					For Use with Insulators per ANSI Class Spec. C-29.2-71	Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)						lbf (kN)	lb (kg)
	A	B	D	L	PD			
BYC-30	7/16 (11)	1-9/16 (39.7)	11/16 (18)	3-1/4 (83)	3/4 (19)	52-3 and 52-5	30,000 (133)	220 (100)
BYC-50	5/8 (16)	1-5/8 (41.1)	7/8 (22.6)	4 (101.6)	7/8 (22)	52-8 and 52-11	50,000 (222)	330 (150)

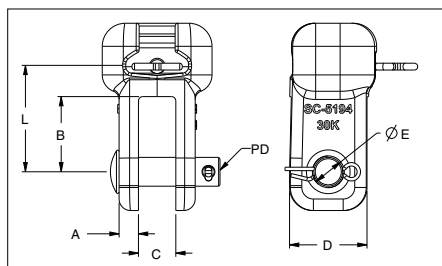
BALL Y-CLEVIS LINK



Component	Material
Body	Forged Steel, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions						For Use with Insulators per ANSI Class Spec. C-29.2-71	Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)							lbf (kN)	lb (kg)
	A	B	D	E	L	PD			
BYCL-30	5/8 (16)	1-11/16 (42.7)	7/8 (22.2)	11/16 (18)	9-5/8 (244)	3/4 (19)	52-3 and 52-5	30,000 (133)	330 (150)
BYCL-50	3/4 (19)	1-5/8 (41.1)	15/16 (24)	7/8 (22.6)	11 (279)	7/8 (22.6)	52-8 and 52-11	50,000 (222)	480 (217)

SOCKET CLEVIS

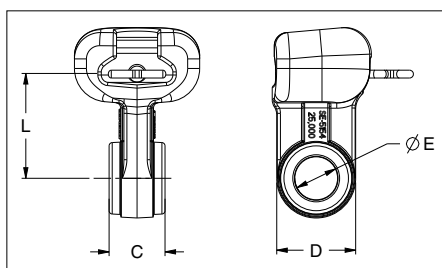


Component	Material
Body	Forged Steel, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions							For Use with Insulators per ANSI Class Spec. C-29.2-71	Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)								lbf (kN)	lb (kg)
	A	B	C	D	E	L	PD			
SC-5194	7/16 (11.1)	1-5/8 (41.3)	13/16 (20.6)	1-3/4 (44.5)	11/16 (17.5)	2-5/8 (66.7)	5/8 (16)	52-3 and 52-5	30,000 (133)	210 (95)
SC-50	11/16 (17.5)	2-1/32 (51.6)	1-1/8 (28.6)	2-1/16 (52.8)	15/16 (23.8)	2-11/16 (68.3)	7/8 (22)	52-8 and 52-11	50,000 (222)	360 (163)

For bolt, nut, and cotter in place of clevis pin and cotter, add BNK to the catalog number (Ex: SC-5194BNK).

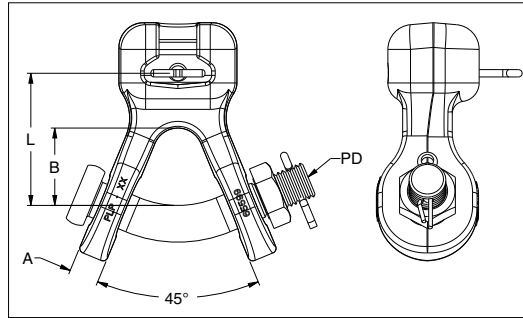
SOCKET EYE



Component	Material
Body	Forged Steel, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions				For Use with Insulators per ANSI Class Spec. C-29.2-71	Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)					lbf (kN)	lb (kg)
	C	D	E	L			
SE-5150	1/2 (12.7)	1-1/2 (38.1)	11/16 (17.5)	2-5/16 (58.8)	52-3 and 52-5	15,000 (67)	120 (54)
SE-5152	3/4 (19.1)	1-1/2 (38.1)	11/16 (17.5)	2-5/16 (58.8)		25,000 (111)	130 (59)
SE-5154	1-1/16 (26.9)	1-1/2 (38.1)	13/16 (20.6)	2-5/16 (58.8)		25,000 (111)	160 (72)
SE-5155	2-1/8 (54)	1-1/2 (38.1)	13/16 (20.6)	2-5/16 (58.8)		30,000 (133)	210 (95)
SE-5156	1 (25.4)	1-1/2 (38.1)	11/16 (17.5)	1-15/16 (49.0)		25,000 (111)	140 (63)
SE-5157	1-1/8 (28.6)	1-3/4 (44.5)	11/16 (17.5)	2-1/16 (52.3)		30,000 (133)	165 (75)
SE-5158	3-1/4 (82.6)	2 (50.8)	25/32 (19.8)	2-29/32 (73.9)	52-8 and 52-11	50,000 (222)	437 (198)
SE-9016	2-1/4 (57.2)	2 (50.8)	13/16 (20.6)	2-3/16 (56)		50,000 (222)	339 (154)
SE-9020	5/8 (15.9)	1-25/32 (45)	11/16 (17.5)	1-11/16 (43)	52-3 and 52-5	30,000 (133)	145 (66)
SE-9021	3/4 (19.1)	1-25/32 (45)	11/16 (17.5)	1-11/16 (43)		30,000 (133)	151 (68.5)
SE-9022	1-1/4 (31.8)	1-25/32 (45)	11/16 (17.5)	1-11/16 (43)		30,000 (133)	176 (80)
SE-9023	1-3/4 (44.5)	1-25/32 (45)	11/16 (17.5)	1-11/16 (43)		30,000 (133)	201(91)
SE-9024	2-1/4 (57.2)	1-25/32 (45)	11/16 (17.5)	1-11/16 (43)		30,000 (133)	224 (102)
SE-9002	1-1/2 (38.1)	2 (50.8)	25/32 (19.8)	2-3/16 (55.4)	52-8 and 52-11	50,000 (111)	297 (135)
SE-6109	2-3/4 (69.9)	1-29/32 (48.4)	13/16 (20.6)	2-1/16 (27)	52-3 and 52-5	30,000 (133)	274 (124)

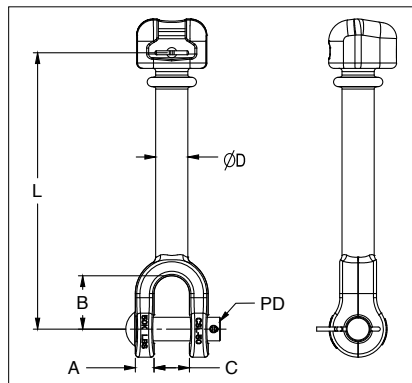
SOCKET Y-CLEVIS



Component	Material
Body	Forged Steel, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions				For Use with Insulators per ANSI Class Spec. C-29.2-71	Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)					lbf (kN)	lb (kg)
	A	B	L	PD			
SYC-30	5/8 (16)	1-9/16 (39.7)	2-3/4 (69.8)	3/4 (19)	52-3 and 52-5	30,000 (133)	250 (113)
SYC-50	3/4 (19)	1-5/8 (41.1)	2-5/16 (58.7)	7/8 (22)	52-8 and 52-11	50,000 (222)	540 (244)

CLEVIS SOCKET LINK



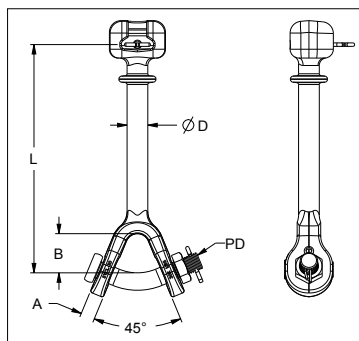
Component	Material
Body	Forged Steel, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions						For Use with Insulators per ANSI Class Spec. C-29.2-71	Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)							lbf (kN)	lb (kg)
	A	B	C	D	L	PD			
CSL-30	7/16 (11.0)	1-3/4 (44)	1 (25.4)	23/32 (18)	9 (229)	5/8 (16)	52-3 and 52-5	30,000 (133)	285 (130)
CSL-50	11/16 (17.5)	2 (51)	1-5/16 (33.4)	15/16 (24)	10-1/4 (260)	7/8 (22)	52-8 and 52-11	50,000 (222)	570 (258)

For bolt, nut, and cotter in place of clevis pin and cotter, add BNK to the catalog number (Ex: CSL-30BNK).

SOCKET Y-CLEVIS LINK

For use with Class 52-3 and 52-5 insulators per ANSI Spec C-29.2-71.

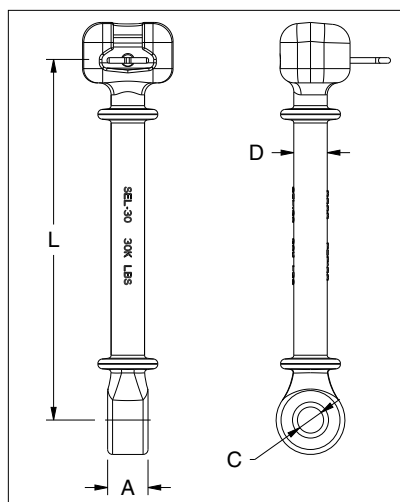


Component	Material
Body	Forged Steel, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions					For Use with Insulators per ANSI Class Spec. C-29.2-71	Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)						lbf (kN)	lb (kg)
	A	B	D	L	PD			
SYCL-30	5/8 (16)	1-11/16 (42.2)	7/8 (22.4)	9-11/16 (246)	3/4 (19)	52-3 and 52-5	30,000 (133)	410 (190)
SYCL-50	3/4 (19)	1-5/8 (41.1)	1-3/16 (30.2)	10-5/16 (262)	7/8 (22)	52-8 and 52-11	50,000 (222)	730 (330)

SOCKET EYE LINK

For use with Class 52-3 and 52-5 insulators per ANSI Spec C-29.2-71.

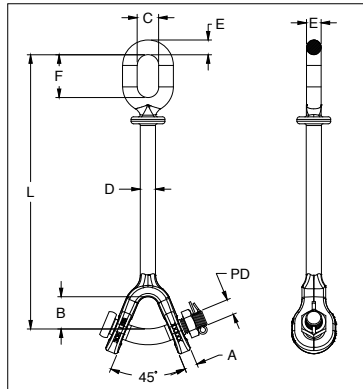


Component	Material
Body	Forged Steel, Hot Dip Galvanized
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions				Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)					
	A	C	D	L	lbf (kN)	lb (kg)
SEL-30	1-1/16 (27)	11/16 (17.5)	7/8 (22.4)	9-15/32 (240.3)	30,000 (133)	300 (136)



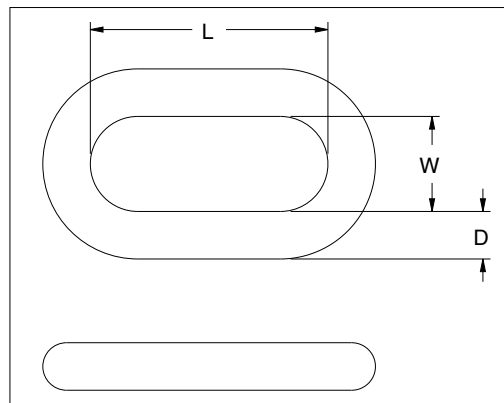
EYE, Y-CLEVIS LINK



Component	Material
Body	Forged Steel, Hot Dip Galvanized
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions								Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)									
	A	B	C	D	E	F	L	PD	lbf (kN)	lb (kg)
EYCL-30-12	19/32 (15.2)	1-1/2 (39.3)	1 (24.5)	11/16 (18)	11/16 (17.5)	2 (50.9)	12-13/16 (325.7)	3/4 (19)	30,000 (133)	3.2 (1.5)

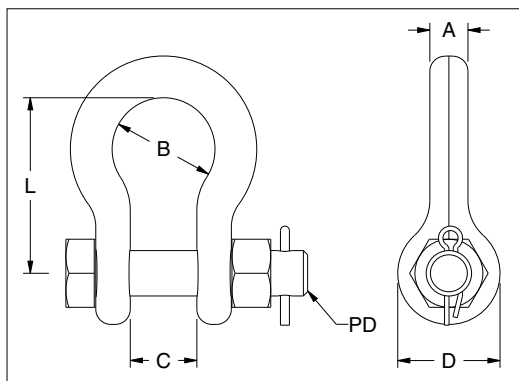
CHAIN LINK



Component	Material
Body	Forged Steel, Hot Dip Galvanized

Catalog Number	General Dimensions			Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)				
	L	W	D	lbf (kN)	lb (kg)
CL-30	2-1/2 (63.5)	1 (25.4)	19/32 (15.0)	30,000 (133)	40 (20)
CL-60	3-1/2 (88.9)	1 (25.4)	13/16 (21.0)	60,000 (267)	130 (60)
CL-80	4 (101.6)	1-1/4 (31.8)	31/32 (24.5)	80,000 (356)	210 (100)
CL-100	5 (127.0)	1-1/4 (31.8)	1-3/32 (27.5)	100,000 (445)	320 (150)
CL-120	6 (152.4)	1-1/2 (38.1)	1-3/16 (30.0)	120,000 (534)	610 (280)
CL-150	5.5 (139.7)	1-3/4 (44.5)	1-3/8 (44.9)	150,000 (667)	728 (330)

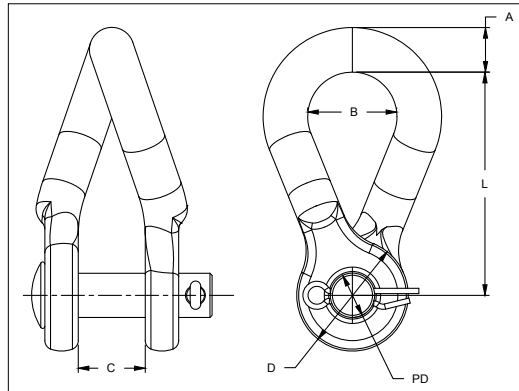
ANCHOR SHACKLE



Component	Material
Body	Forged Steel, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions							Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)								
	A	B	C	D	L	E	PD	lbf (kN)	lb (kg)
AS-30BNK	17/32 (14)	1-1/4 (32)	15/16 (23.4)	1-1/4 (31.8)	2-3/4 (70)	5/8 (16)	5/8 (16)	30,000 (133)	108 (49)
AS-40BNK	17/32 (14)	1-1/4 (32)	15/16 (23)	1-1/4 (32)	2-3/4 (70)	5/8 (16)	5/8 (16)	30,000 (133)	1.08 (0.49)
AS-50BNK	5/8 (16)	1-11/16 (43)	1-1/8 (28)	1-11/16 (43)	2-29/32 (74)	11/16 (18)	3/4 (19)	50,000 (222)	170 (77)
AS-60BNK	3/4 (19)	1-1/2 (38)	1-1/8 (29)	2-1/4 (57.2)	3-1/2 (89)	7/8 (22)	3/4 (19)	60,000 (267)	130 (136)
AS-60NBNK	3/4 (19)	1-1/2 (38)	7/8 (22)	2-1/4 (57.2)	3-1/2 (89)	5/8 (16)	3/4 (19)	60,000 (267)	130 (136)
AS-60WBNK	1.0 (25.4)	2.00 (51)	1-1/4 (32)	2-1/4 (57.2)	3-1/2 (89)	7/8 (22)	7/8 (22)	60,000 (267)	325 (147)
AS-60LBNK	3/4 (19)	1-1/8 (29)	1-1/8 (29)	2-1/4 (57.2)	5.00 (127)	7/8 (22)	3/4 (19)	60,000 (267)	325 (147)
AS-70BNK	3/4 (19.1)	2 (51)	1-15/16 (33)	2 (51)	3-19/32 (91)	13/16 (21)	7/8 (22)	70,000 (311)	235 (106)
AS-80BNK	7/8 (22)	2-1/4 (57)	1-7/16 (37)	2-1/8 (54)	3-3/4 (95)	7/8 (22)	1 (25)	80,000 (356)	3.35 (1.52)
AS-100BNK	1-1/8 (28.4)	2-1/4 (57)	1-21/32 (41.6)	2-1/4 (57)	3-19/32 (91)	7/8 (22)	1-1/8 (28)	100,000 (444)	525 (238)
AS-120XLBNK	1.0 (25.4)	2-1/8 (54.0)	1-1/2 (38.1)	2-3/8 (60.3)	6.0 (152.4)	1 (25)	1-1/8 (28.6)	120,000 (553)	600 (270)
AS-150BNK	1-1/4 (31.8)	2 (51)	2 (51)	3 (76.2)	4-5/8 (117.5)	1-1/4 (32)	1-3/8 (35)	150,000 (667)	1000 (454)

ROTATED ANCHOR SHACKLE

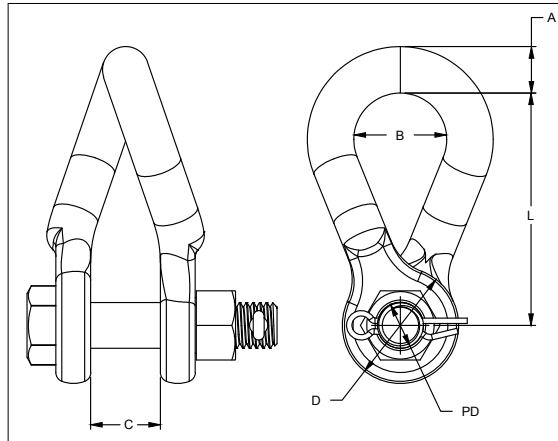


Component	Material
Body	Forged Steel, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions						Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)							
	A	B	C	D	L	PD	lbf (kN)	lb (kg)
AS-25-90	5/8 (16)	1-1/4 (32)	1 (24)	Ø1-5/8 (40)	3-1/8 (80)	Ø5/8 (17)	25,000 (111)	140 (64)

For bolt, nut, and cotter in place of clevis pin and cotter, add BNK to the catalog number (Ex: AS-25-90BNK).

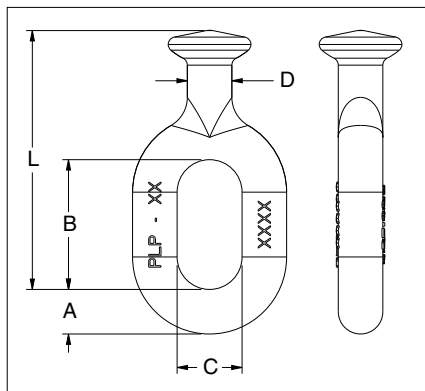
ROTATED ANCHOR SHACKLE, BNK



Component	Material
Body	Forged Steel, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions						Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)							
	A	B	C	D	L	PD	lbf (kN)	lb (kg)
AS-25-90BNK	5/8 (16)	1-1/4 (32)	1 (24)	Ø1-5/8 (40)	3-1/8 (80)	Ø5/8 (17)	25,000 (111)	140 (64)

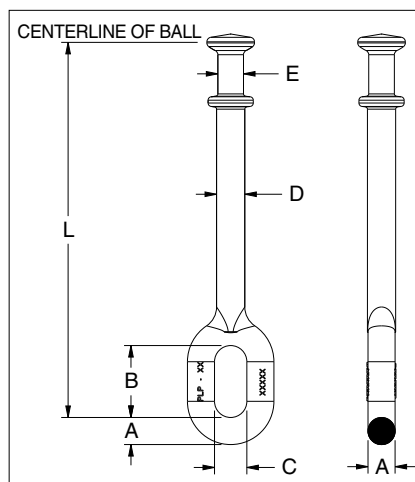
BALL EYE



Component	Material
Body	Forged Steel, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions					For Use with Insulators per ANSI Class Spec. C-29.2-71	Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)						lbf (kN)	lb (kg)
	A	B	C	D	L			
BE-30	11/16 (17.5)	2 (51)	1 (25.4)	11/16 (17.5)	4 (101.6)	52-3 and 52-5	30,000 (133)	100 (45)
BE-50	3/4 (19)	2 -1/2 (63.5)	1-1/4 (31.8)	7/8 (22.6)	4-13/16 (122.2)	52-8 and 52-11	50,000 (222)	150 (68)

BALL EYE HOT LINE LINK

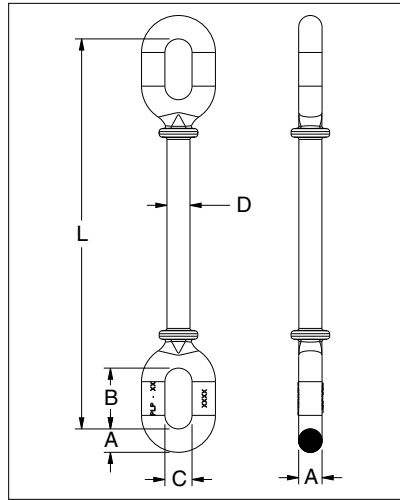


Component	Material
Body	Forged Steel, Hot Dip Galvanized

Catalog Number	General Dimensions						For Use with Insulators per ANSI Class Spec. C-29.2-71	Vertical Ultimate Strength lbf (kN)	Wt Per 100 Units lb (kg)
	in (mm)								
	A	B	C	D	E	L			
BEL-30-L	11/16 (17.5)	2-1/8 (53.9)	15/16 (24)	7/8 (22.4)	23/32 (18)	TBD	52-3 and 52-5	30,000 (133)	320 (45)
BEL-50-L	15/16 (23.9)	2-1/2 (63.4)	1-1/8 (28.5)	31/32 (24.9)	7/8 (22.6)	TBD	52-8 and 52-11	50,000 (222)	475 (216)

L = Length in inches. Example L = 18, BEL-30-18.

EYE-EYE HOT LINE LINK

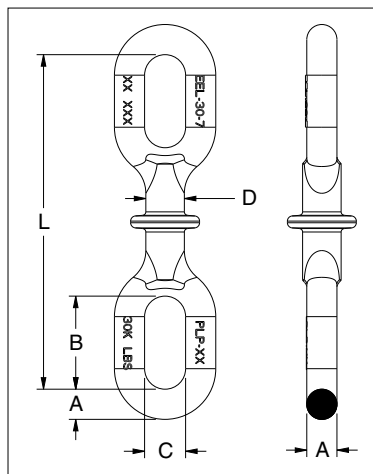


Component	Material
Body	Forged Steel, Hot Dip Galvanized

Catalog Number	General Dimensions					Vertical Ultimate Strength
	in (mm)					
	A	B	C	D	L	lbf (kN)
EEL-30-L	11/16 (17.5)	2-1/8 (53.9)	15/16 (23.8)	7/8 (22.4)	TBD	30,000 (133)
EEL-40-L	13/16 (20.6)	2-5/16 (58.7)	1-1/32 (26.2)	13/16 (23.4)	TBD	40,000 (178)
EEL-50-L	15/16 (23.9)	2-1/2 (63.4)	1-1/8 (28.5)	31/32 (24.9)	TBD	50,000 (222)
EEL-80-L	15/16 (23.9)	2-1/2 (63.4)	1-1/8 (28.5)	1-1/8 (28.6)	TBD	80,000 (356)

For 90 degree eye rotation, include a "-90" at the end of the part number. Ex. EEL-50-24-90", *L = Length in inches.
Example L = 18, BEL-30-18.

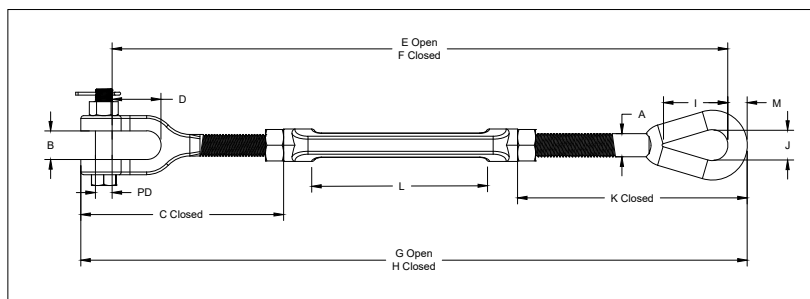
7" (177 MM) EYE-EYE HOT LINE LINK



Component	Material
Body	Forged Steel, Hot Dip Galvanized

Catalog Number	General Dimensions					Vertical Ultimate Strength	Wt Per 100 Units
	in (mm)						
	A	B	C	D	L	lbf (kN)	lb (kg)
EEL-30-7	11/16 (17.5)	2-1/8 (54)	15/16 (23.8)	7/8 (22.4)	7-5/8 (194.1)	30,000 (133)	209 (94)

JAW EYE TURNBUCKLE

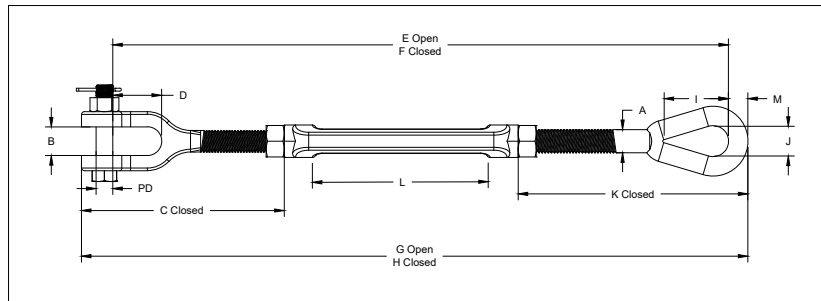


Catalog Number	Size	WLL	Rated Breaking Strength	Weight	Dimensions					
	in (mm)	lb (kN)	lb (kN)	lb (kg)	in (mm)					
					A	B	C ¹	D	PD	E ²
TB-JE-34-6	3/4 x 6 (19.1 x 152)	5,200 (23.1)	26,000 (116)	4.00 (1.81)	3/4 (19.1)	15/16 (23.9)	4-3/16 (106)	1-1/2 (38.1)	5/8 (15.9)	22-3/8 (568)
TB-JE-34-9	3/9 x 9 (19.1 x 229)	5,200 (23.1)	26,000 (116)	4.75 (2.15)	3/4 (19.1)	15/16 (23.9)	4-3/16 (106)	1-1/2 (38.1)	5/8 (15.9)	22-3/8 (568)
TB-JE-34-12	3/4 x 12 (19.1 x 305)	5,200 (23.1)	26,000 (116)	5.40 (2.45)	3/4 (19.1)	15/16 (23.9)	4-3/16 (106)	1-1/2 (38.1)	5/8 (15.9)	28-3/8 (721)
TB-JE-34-18	3/4 x 18 (19.1 x 457)	5,200 (23.1)	26,000 (116)	7.00 (3.17)	3/4 (19.1)	15/16 (23.9)	4-3/16 (106)	1-1/2 (38.1)	5/8 (15.9)	34-3/8 (873)
TB-JE-78-12	7/8 x 12 (22.4 x 305)	7,200 (32)	36,000 (160)	8.00 (3.63)	7/8 (22.4)	1-1/8 (28.7)	4-7/8 (123)	1-3/4 (44.5)	3/4 (19.1)	35-5/16 (897)
TB-JE-78-18	7/8 x 18 (22.4 x 457)	7,200 (32)	36,000 (160)	9.75 (4.42)	7/8 (22.4)	1-1/8 (28.7)	4-7/8 (123)	1-3/4 (44.5)	3/4 (19.1)	47-5/16 (1,202)
TB-JE-1-6	1 x 6 (25.4 x 152)	10,000 (44.5)	50,000 (222)	8.90 (4.04)	1 (25.4)	1-3/16 (30.2)	5-1/2 (140)	2-1/16 (52.3)	7/8 (22.4)	26 (660)
TB-JE-1-12	1 x 12 (25.4 x 229)	10,000 (44.5)	50,000 (222)	11.20 (5.08)	1 (25.4)	1-3/16 (30.2)	5-1/2 (140)	2-1/16 (52.3)	7/8 (22.4)	38 (964)
TB-JE-1-18	1 x 18 (25.4 x 305)	10,000 (44.5)	50,000 (222)	13.30 (6.03)	1 (25.4)	1-3/16 (30.2)	5-1/2 (140)	2-1/16 (52.3)	7/8 (22.4)	50 (1269)
TB-JE-1-24	1 x 24 (25.4 x 610)	10,000 (44.5)	50,000 (222)	17.00 (7.71)	1 (25.4)	1-3/16 (30.2)	5-1/2 (140)	2-1/16 (52.3)	7/8 (22.4)	62 (1574)

¹ Closed

² Open

JAW EYE TURNBUCKLE CONTINUED

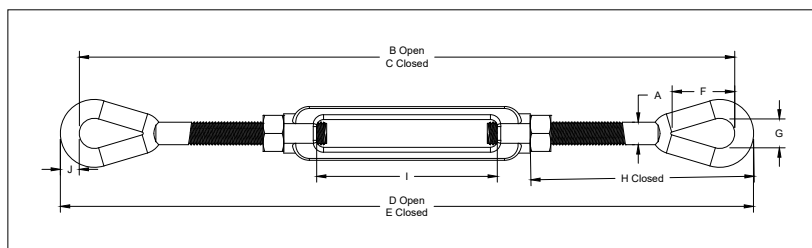


Catalog Number	Dimensions							
	in (mm)							
	F ¹	G ²	H ¹	I	J	K ¹	L	M
TB-JE-34-6	16-3/8 (416)	23-5/8 (600)	17-5/8 (448)	2-1/16 (53.1)	1 (25.4)	4-11/16 (119)	6 (152)	9/16 (15.5)
TB-JE-34-9	16-3/8 (416)	23-5/8 (600)	17-5/8 (448)	2-1/16 (53.1)	1 (25.4)	4-11/16 (119)	9 (229)	9/16 (15.5)
TB-JE-34-12	19-3/8 (492)	29-5/8 (752)	20-5/8 (524)	2-1/16 (53.1)	1 (25.4)	4-11/16 (119)	12 (305)	9/16 (15.5)
TB-JE-34-18	22-3/8 (568)	35-5/8 (905)	23-5/8 (600)	2-1/16 (53.1)	1 (25.4)	4-11/16 (119)	18 (457)	9/16 (15.5)
TB-JE-78-12	23-5/16 (592)	36-13/16 (935)	24-13/16 (630)	2-3/8 (60.5)	1-1/4 (31.8)	5-1/8 (130)	12 (305)	3/4 (19.8)
TB-JE-78-18	29-5/16 (745)	48-13/16 (1,240)	30-13/16 (783)	2-3/8 (60.5)	1-1/4 (31.8)	5-1/8 (130)	18 (457)	3/4 (19.8)
TB-JE-1-6	20 (507)	27-3/4 (704)	21-3/4 (552)	3 (76.2)	1-7/16 (36.6)	6-3/8 (162)	6 (152)	7/8 (22.4)
TB-JE-1-12	26 (660)	40 (1,015)	27-3/4 (704)	3 (76.2)	1-7/16 (36.6)	6-3/8 (162)	12 (305)	7/8 (22.4)
TB-JE-1-18	32 (812)	51-13/16 (1,314)	33-3/4 (856)	3 (76.2)	1-7/16 (36.6)	6-3/8 (162)	18 (457)	7/8 (22.4)
TB-JE-1-24	38 (964)	63-13/16 (1,618)	39-3/4 (1,009)	3 (76.2)	1-7/16 (36.6)	6-3/8 (162)	24 (610)	7/8 (22.4)

¹ Closed

² Open

EYE EYE TURNBUCKLE

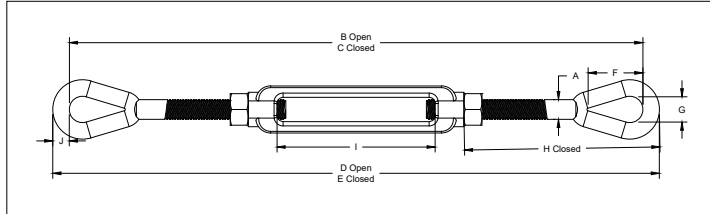


Catalog Number	Size	WLL	Rated Breaking Strength	Weight	Dimensions				
					in (mm)				
	in (mm)	lb (kN)	lb (kN)	lb (kg)	A	B ²	C ¹	D ²	E ¹
TB-EE-34-6	3/4 x 6 (19.1 x 152)	5,200 (23.1)	26,000 (116)	3.89 (1.76)	3/4 (19.1)	22-3/8 (568)	16-3/8 (416)	23-5/8 (600)	17-5/8 (448)
TB-EE-34-9	3/4 x 9 (19.1 x 229)	5,200 (23.1)	26,000 (116)	4.61 (2.09)	3/4 (19.1)	28-3/8 (721)	19-3/8 (492)	29-5/8 (752)	20-5/8 (524)
TB-EE-34-12	3/4 x 12 (19.1 x 305)	5,200 (23.1)	26,000 (116)	5.43 (2.46)	3/4 (19.1)	34-3/8 (873)	22-3/8 (568)	35-5/8 (905)	23-5/8 (600)
TB-EE-34-18	3/4 x 18 (19.1 x 457)	5,200 (23.1)	26,000 (116)	7.25 (3.29)	3/4 (19.1)	46-3/8 (1,178)	28-3/8 (721)	47-5/8 (1,210)	29-5/8 (725)
TB-EE-78-12	7/8 x 12 (22.4 x 229)	7,200 (32)	36,000 (160)	8.10 (3.67)	7/8 (22.4)	35-5/16 (897)	23-3/8 (568)	36-13/16 (935)	24-13/16 (630)
TB-EE-78-18	7/8 x 18 (22.4 x 305)	7,200 (32)	36,000 (160)	9.95 (4.51)	7/8 (22.4)	47-5/16 (1,202)	29-5/16 (745)	48-13/16 (1,240)	30-13/16 (783)
TB-EE-1-6	1 x 6 (25.4 x 152)	10,000 (44.5)	50,000 (222)	9.33 (4.23)	1 (25.4)	26 (660)	20 (507)	27-3/4 (704)	21-3/4 (552)
TB-EE-1-12	1 x 12 (25.4 x 229)	10,000 (44.5)	50,000 (222)	11.93 (5.41)	1 (25.4)	38 (964)	25 (660)	40 (1,015)	27-3/4 (704)
TB-EE-1-18	1 x 18 (25.4 x 305)	10,000 (44.5)	50,000 (222)	14 (6.35)	1 (25.4)	50 (1,269)	32 (812)	51-3/4 (1,314)	33-3/4 (856)
TB-EE-1-24	1 x 24 (25.4 x 610)	10,000 (44.5)	50,000 (222)	17.25 (7.82)	1 (25.4)	62 (1,575)	38 (964)	63-3/4 (1,618)	39-3/4 (1,009)

¹ Closed

² Open

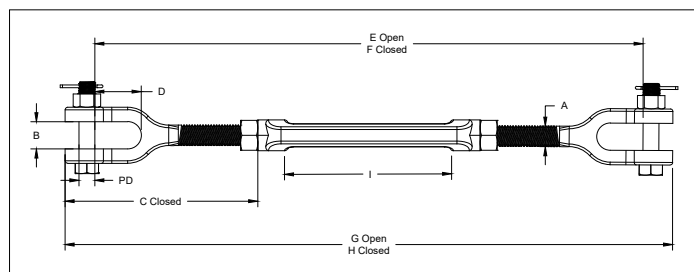
EYE EYE TURNBUCKLE CONTINUED



Catalog Number	Dimensions				
	in (mm)				
	F	G	H ¹	I	J
TB-EE-34-6	2-1/16 (53.1)	1 (25.4)	4-11/16 (119)	6 (152)	9/16 (15.5)
TB-EE-34-9	2-1/16 (53.1)	1 (25.4)	4-11/16 (119)	9 (229)	9/16 (15.5)
TB-EE-34-12	2-1/16 (53.1)	1 (25.4)	4-11/16 (119)	12 (305)	9/16 (15.5)
TB-EE-34-18	2-1/16 (53.1)	1 (25.4)	4-11/16 (119)	18 (457)	9/16 (15.5)
TB-EE-78-12	2-3/8 (60.5)	1-1/4 (31.8)	5-1/8 (130)	12 (305)	3/4 (19.8)
TB-EE-78-18	2-3/8 (60.5)	1-1/4 (31.8)	5-1/8 (130)	18 (457)	3/4 (19.8)
TB-EE-1-6	3 (76.2)	1-7/16 (36.6)	6-3/8 (162)	6 (152)	7/8 (22.4)
TB-EE-1-12	3 (76.2)	1-7/16 (36.6)	6-3/8 (162)	12 (305)	7/8 (22.4)
TB-EE-1-18	3 (76.2)	1-7/16 (36.6)	6-3/8 (162)	18 (457)	7/8 (22.4)
TB-EE-1-24	3 (76.2)	1-7/16 (36.6)	6-3/8 (162)	24 (610)	7/8 (22.4)

¹ Closed

JAW JAW TURNBUCKLE

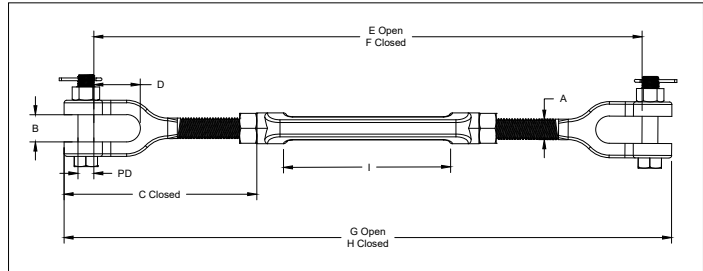


Catalog Number	Size	WLL	Rated Breaking Strength	Weight	Dimensions					
					in (mm)					
					A	B	C ¹	D	PD	E ²
TB-JJ-34-6	3/4 x 6 (19.1)	5,200 (23.1)	26,000 (116)	4.80 (2.18)	3/4 (19.1)	15/16 (23.9)	4-3/16 (106)	1-1/2 (38.1)	5/8 (15.9)	20 (508)
TB-JJ-34-9	3/4 x 9 (19.1 x 229)	5,200 (23.1)	26,000 (116)	5.85 (2.65)	3/4 (19.1)	15/16 (23.9)	4-3/16 (106)	1-1/2 (38.1)	5/8 (15.9)	26 (660)
TB-JJ-34-12	3/4 x 12 (19.1 x 305)	5,200 (23.1)	26,000 (116)	6.72 (3.05)	3/4 (19.1)	15/16 (23.9)	4-3/16 (106)	1-1/2 (38.1)	5/8 (15.9)	32 (813)
TB-JJ-34-18	3/4 x 18 (19.1 x 457)	5,200 (23.1)	26,000 (116)	8.45 (3.83)	3/4 (19.1)	15/16 (23.9)	4-3/16 (106)	1-1/2 (38.1)	5/8 (15.9)	44 (1,118)
TB-JJ-78-12	7/8 x 12 (22.4 x 305)	7,200 (32)	36,000 (160)	9.37 (4.25)	7/8 (22.4)	1-1/8 (28.7)	4-7/8 (123)	1-3/4 (44.5)	3/4 (19.1)	33-5/16 (847)
TB-JJ-78-18	7/8 x 18 (22.4 x 457)	7,200 (32)	36,000 (160)	11.80 (5.35)	7/8 (22.4)	1-1/8 (28.7)	4-7/8 (123)	1-3/4 (44.5)	3/4 (19.1)	43-5/16 (1,101)
TB-JJ-1-6	1 x 6 (25.4 x 152)	10,000 (44.5)	50,000 (222)	10.40 (4.72)	1 (25.4)	1-3/16 (30.2)	5-1/2 (140)	2-1/16 (52.3)	7/8 (22.4)	22-3/4 (577)
TB-JJ-1-12	1 x 12 (25.4 x 229)	10,000 (44.5)	50,000 (222)	13.80 (6.26)	1 (25.4)	1-3/16 (30.2)	5-1/2 (140)	2-1/16 (52.3)	7/8 (22.4)	34-3/4 (882)
TB-JJ-1-18	1 x 18 (25.4 x 305)	10,000 (44.5)	50,000 (222)	17.10 (7.77)	1 (25.4)	1-3/16 (30.2)	5-1/2 (140)	2-1/16 (52.3)	7/8 (22.4)	46-3/4 (1,187)
TB-JJ-1-24	1 x 24 (25.4 x 610)	10,000 (44.5)	50,000 (222)	21.00 (9.53)	1 (25.4)	1-3/16 (30.2)	5-1/2 (140)	2-1/16 (52.3)	7/8 (22.4)	58-3/4 (1,491)

¹ Closed

² Open

JAW JAW TURNBUCKLE CONTINUED

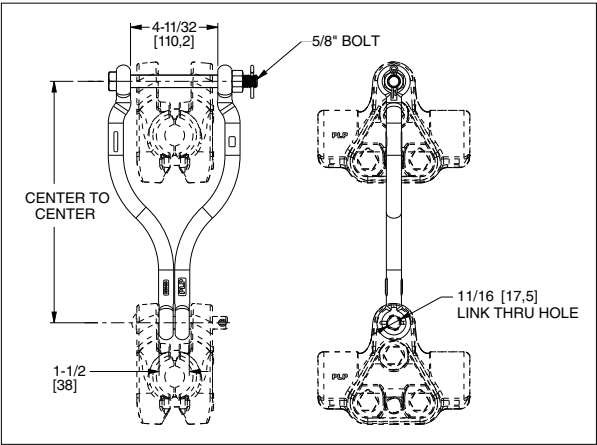


Catalog Number	Dimensions			
	in (mm)			
	F ¹	G ²	H ¹	I
TB-JJ-34-6	14 (356)	22-5/8 (574)	16-5/8 (422)	6 (152)
TB-JJ-34-9	17 (432)	28-5/8 (726)	16-5/8 (498)	9 (229)
TB-JJ-34-12	20 (508)	34-5/8 (879)	22-5/8 (574)	12 (305)
TB-JJ-34-18	26 (660)	46-5/8 (1,184)	28-5/8 (726)	18 (457)
TB-JJ-78-12	21-5/16 (543)	36-5/16 (923)	24-5/16 (618)	12 (305)
TB-JJ-78-18	27-5/16 (695)	48-5/16 (1,227)	30-5/16 (770)	18 (457)
TB-JJ-1-6	16-3/4 (425)	26-1/16 (662)	20-1/16 (510)	6 (152)
TB-JJ-1-12	22-3/4 (577)	38-1/16 (967)	26-1/16 (662)	12 (305)
TB-JJ-1-18	28-3/4 (729)	50-1/16 (1,272)	32-1/16 (814)	18 (457)
TB-JJ-1-24	34-3/4 (882)	62-1/16 (1,576)	38-1/16 (967)	24 (610)

¹ Closed

² Open

VERTICAL BUNDLING LINK FOR CGS

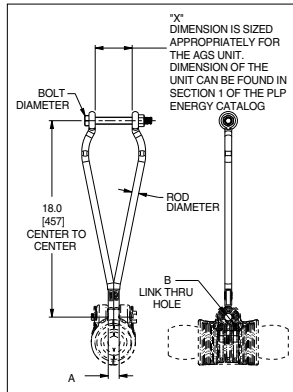


Component	Material
Body	Forged Steel, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	CGS Range	Center to Center	Vertical Ultimate Strength	Wt Per 100 Units
			lbf (kN)	lb (kg)
VLMS11244	All Sizes	12 (305)	30,000 (133)	620 (281)
VLMS11302	All Sizes	18 (457)	40,000 (222)	750 (340)

Each assembly consists of two links, one bolt for top CGS, one lock washer and one locknut.

VERTICAL BUNDLING LINK FOR AGS



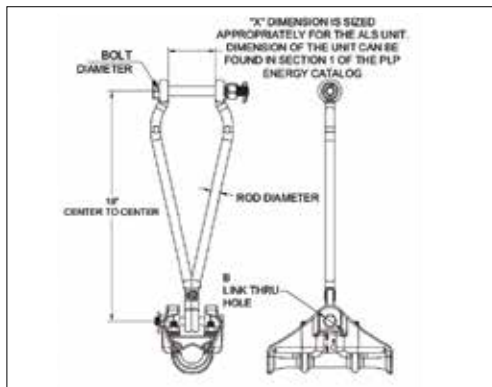
Component	Material
Body	Forged Steel, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	General Dimensions						Wt Per 100 Units
	in (mm)						lb (kg)
	AGS Range	Rod Diameter	Bolt Diameter	Center to Center	A	B	
VBL-04	.751-.907 (19.0-23.0)	5/8 (15.8)	5/8 (15.8)	18 (457)	1 (25)	11/16 (17.5)	350 (158)
VBL-05	.908-1.005 (23.0-25.5)	5/8 (15.8)	5/8 (15.8)	18 (457)	1 (25)	11/16 (17.5)	390 (177)
VBL-06	1.006-1.208 (25.5-30.6)	5/8 (15.8)	5/8 (15.8)	18 (457)	1 (25)	11/16 (17.5)	392 (178)
VBL-07	1.209-1.355 (30.6-34.4)	3/4 (19.0)	3/4 (19.0)	18 (457)	1-3/8 (36)	13/16 (20.6)	530 (240)
VBL-08	1.356-1.557 (34.4-39.54)	3/4 (19.0)	3/4 (19.0)	18 (457)	1-3/8 (36)	13/16 (20.6)	540 (245)
VBL-09	1.558-1.882 (39.54-47.80)	3/4 (19.0)	3/4 (19.0)	18 (457)	1-3/8 (36)	13/16 (20.6)	540 (245)
VBL-10	1.883-2.233 (47.80-56.71)	3/4 (19.0)	3/4 (19.0)	18 (457)	1-3/8 (36)	13/16 (20.6)	540 (245)

Also available in 12" (304 mm) vertical spacing. Add -12 to catalog number (example: VBL-06-12).

Each assembly consists of two links, one bolt for top AGS, one lock washer and one locknut.

VERTICAL BUNDLING LINK FOR ALS

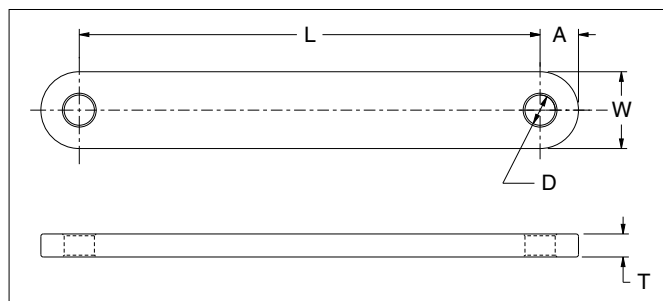


Component	Material
Body	Forged Steel, Hot Dip Galvanized
Hardware	Galvanized Steel
Cotter Pin	Stainless Steel

Catalog Number	ALS Clamp Size	General Dimensions					Rated Strength
		in (mm)					lbf (kN)
		Rod Diameter	Bolt Diameter	Center to Center	A	B	
VBL-13	ALS-122BNK	5/8 (15.8)	5/8 (15.8)	18 (457)	3-1/4 (82.6)	11/16 (17.5)	25,000 (111)
VBL-14	ALS-181BNK	5/8 (15.8)	5/8 (15.8)	18 (457)	3-1/2 (88.9)	11/16 (17.5)	25,000 (111)
VBL-15	ALS-238BNK	3/4 (19.1)	5/8 (15.8)	18 (457)	4-5/16 (110)	11/16 (17.5)	30,000 (133)

Each assembly consists of two links, one bolt for top ALS, one lock washer and one locknut.

EXTENSION STRAP

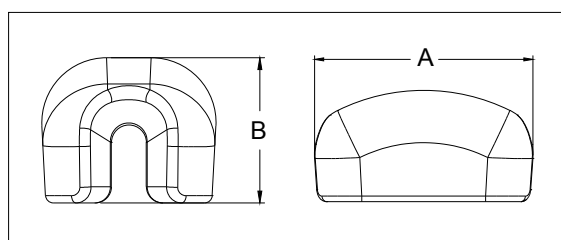


Component	Material
Body	Forged Steel, Hot Dip Galvanized

Catalog Number	General Dimensions					Ultimate Strength (lb)	Vertical Ultimate Strength
	in (mm)						lbf (kN)
	A	D	L	W	T		
ES-30-L	1 (25.4)	7/8 (22)	TBD	2 (50.8)	3/4 (19.1)	30,000 (133)	30,000 (133)
ES-50-L	1-1/4 (31.8)	31/32 (25)	TBD	2-1/4 (63.5)	3/4 (19.1)	50,000 (222)	50,000 (222)

L = Length in inches. Example L = 18, BEL-30-18.

SHIELD NUT

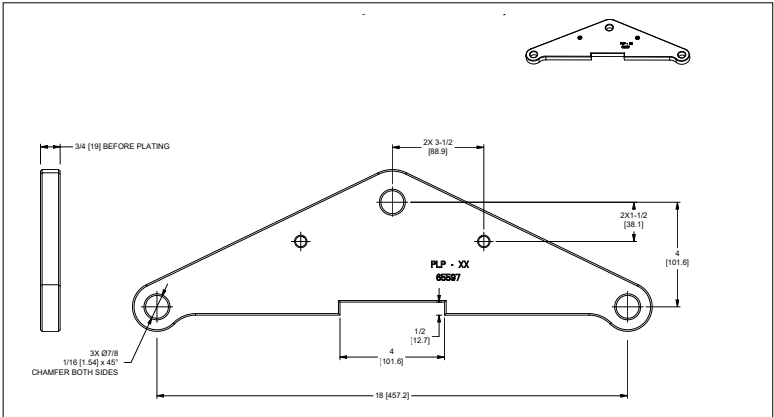


Catalog Number	Drill Thread	Length (A)	Height (B)	Weight
				lb (kg)
SN-58	5/8 (16)	2.20 (56)	1.10 (28)	0.18 (0.08)
SN-34	3/4 (19)	2.20 (56)	1.10 (28)	0.19 (0.09)
SN-78	7/8 (22)	2.20 (56)	1.12 (28.5)	0.17 (0.07)



YOKE PLATE, DELTA, 40K (APEX HOLE)

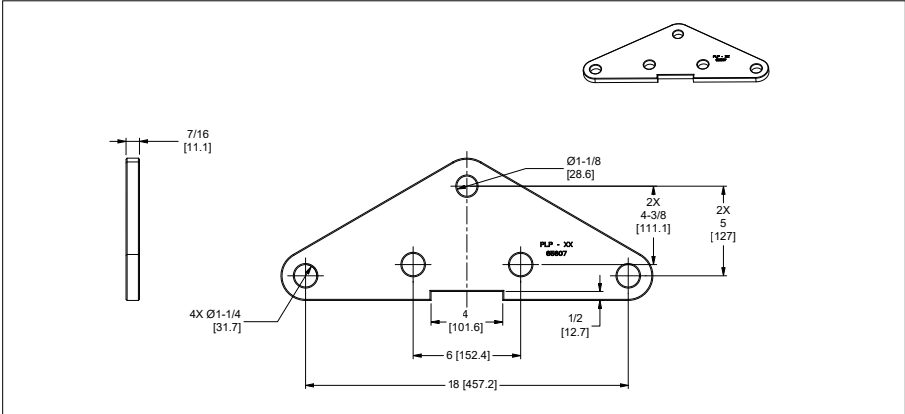
Catalog Number: YPD-65597



Component	Material
Material	Galvanized Steel
Approximate weight	13 lb (5.9 kg)
Rated breaking strength (RBS)	40,000 lb (APEX Hole) (178 kN)

YOKE PLATE, DELTA, 50 K (APEX HOLE)

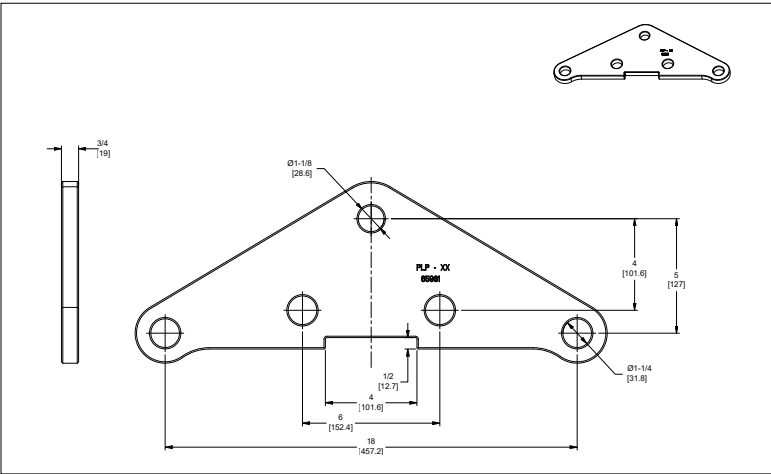
Catalog Number: YPD-65607



Component	Material
Material	Galvanized Steel
Approximate weight	21 lb (9.5 kg)
Rated breaking strength (RBS)	50,000 lb (APEX Hole) (222 kN)

YOKE PLATE, DELTA, 50 K (APEX HOLE)

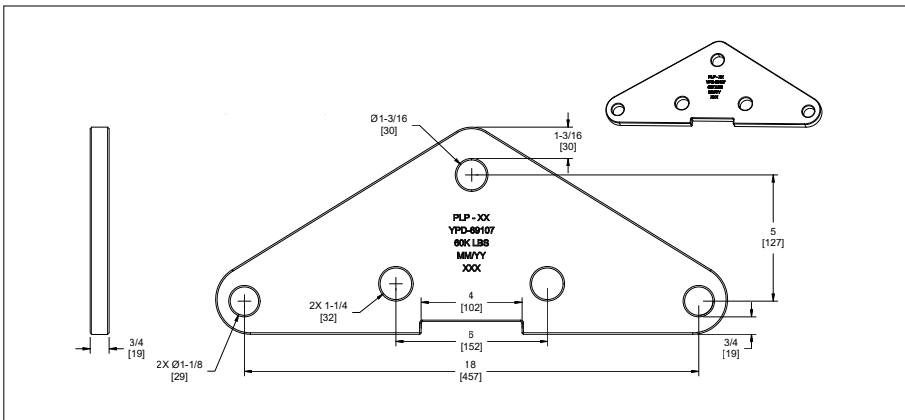
Catalog Number: YPD-65961



Component	Material
Material	Galvanized Steel
Approximate weight	18 lb (8.2 kg)
Rated breaking strength (RBS)	50,000 lb (APEX Hole) (222 kN)

YOKE PLATE, DELTA, 60K 18"

Catalog Number: YPD-69107

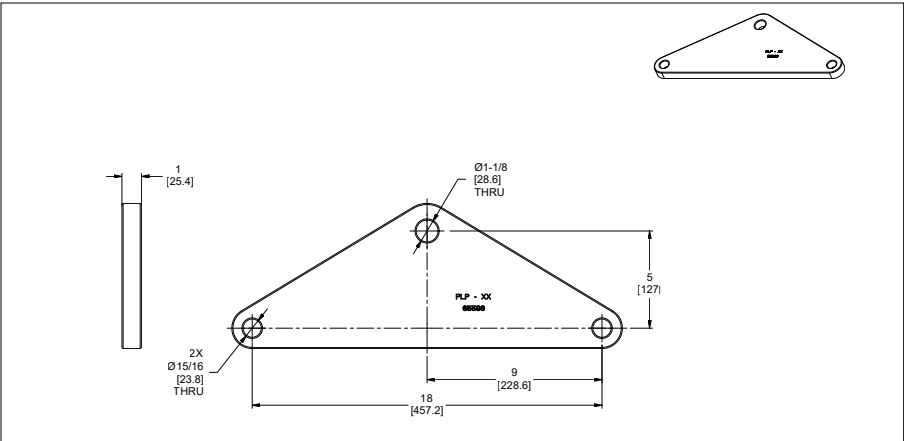


Component	Material
Material	Galvanized Steel
Approximate weight	21.6 lb
Rated breaking strength (RBS)	



YOKE PLATE, DELTA, 80K (APEX HOLE)

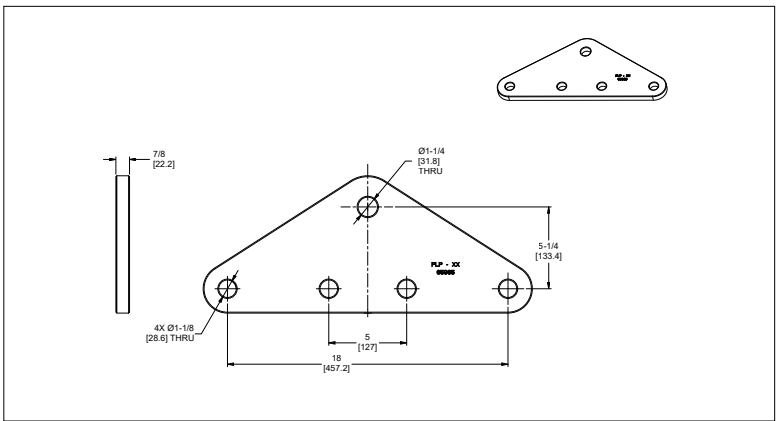
Catalog Number: YPD-65598



Component	Material
Material	Galvanized Steel
Approximate weight	36 lb (11.3 kg)
Rated breaking strength (RBS)	80,000 lb (APEX Hole) (356 kN)

YOKE PLATE, DELTA, 100K (APEX HOLE)

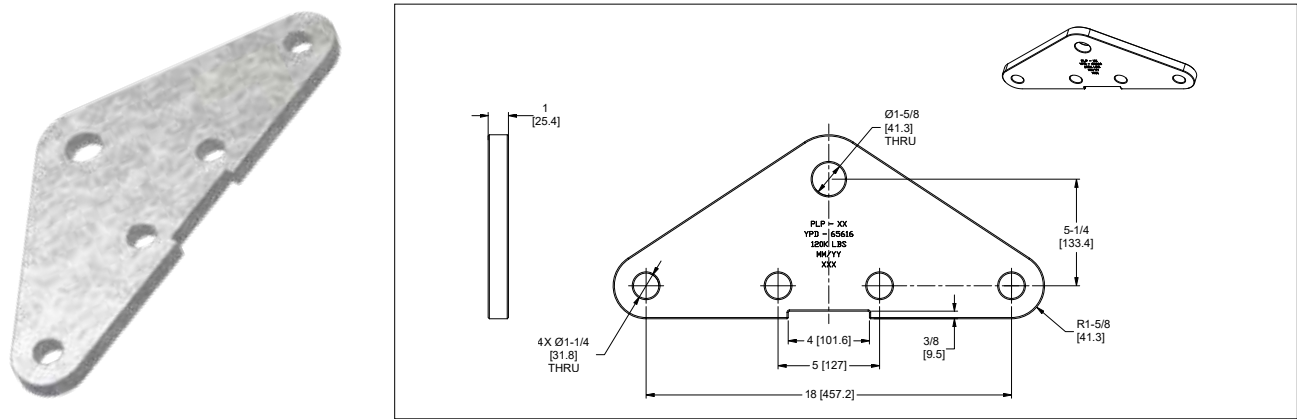
Catalog Number: YPD-65965



Component	Material
Material	Galvanized Steel
Approximate weight	29 lb (13.2 kg)
Rated breaking strength (RBS)	100,000 lb (APEX Hole) (444 kN)

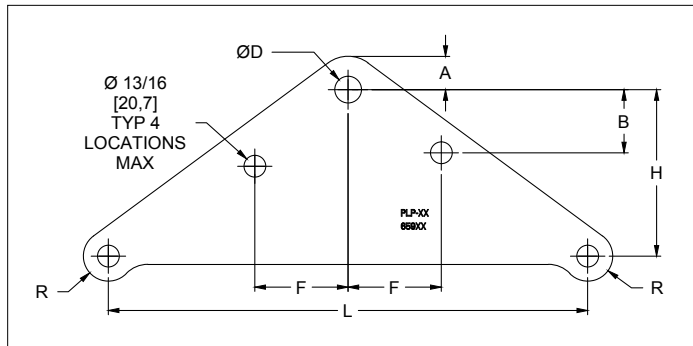
YOKE PLATE, DELTA, 120K (APEX HOLE)

Catalog Number: YPD-65616



Component	Material
Material	Galvanized Steel
Approximate weight	33 lb (15 kg)
Rated breaking strength (RBS)	120,000 lb (APEX Hole) (533 kN)

YOKE PLATE FOR DOUBLE AGS

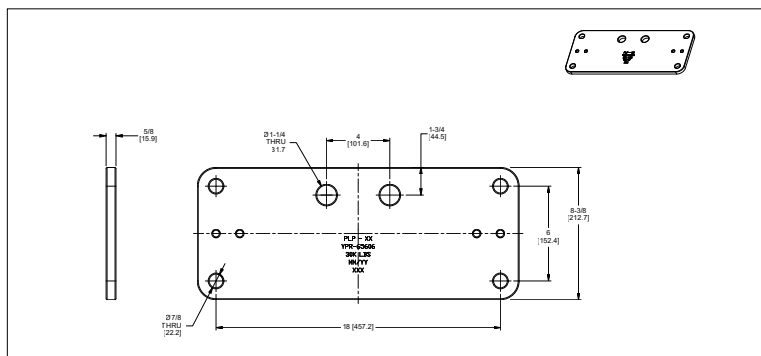


Component	Material
Material	Galvanized Steel

Catalog Number	General Dimensions							Plate Thickness	Vertical Ultimate Strength	Weight
	in (mm)									
	A	B	D	F	H	L	R	in (mm)	lbf (kN)	lb (kg)
YP-5907	1 (25.4)	None	13/16 (20.6)	NONE	4 (101.6)	12 (305)	13/16 (20.6)	1/2 (12.7)	30,000 (133)	15.6 (7)
YP-5908	1-1/4 (31.8)	2-3/8 (60.5)	1 (25.4)	3-1/2 (88.9)	6-1/4 (158.6)	18 (457)	15/16 (23.8)	5/8 (15.9)	40,000 (178)	20.8 (9.4)
YP-5909	1-1/4 (31.8)	2-3/4 (69.9)	1 (25.4)	4-3/16 (106.4)	7-1/4 (184.2)	22 (559)	15/16 (23.8)	5/8 (15.9)	40,000 (178)	33.1 (15)
YP-5910	1-1/4 (31.8)	3-1/4 (82.6)	1 (25.4)	4-15/16 (125.4)	8-1/2 (215.9)	26 (660)	15/16 (23.8)	3/4 (19.1)	50,000 (222)	40.3 (18.3)
YP-5911	1-1/4 (31.8)	3-5/8 (92.1)	1 (25.4)	5-1/2 (139.7)	9-1/2 (241.3)	29 (737)	15/16 (23.8)	3/4 (19.1)	50,000 (222)	48.1 (21.8)
YP-5912	1-1/4 (31.8)	4 (101.6)	1 (25.4)	6-1/8 (155.6)	10-1/2 (266.7)	32 (813)	15/16 (23.8)	3/4 (19.1)	50,000 (222)	59.8 (27.1)
YP-5913	1-1/4 (31.8)	4-1/2 (114.3)	1 (25.4)	7-1/16 (180.9)	11-3/4 (298.5)	37 (940)	15/16 (23.8)	3/4 (19.1)	50,000 (222)	59.9 (27.2)
YP-5934	1-1/4 (31.8)	5 (127)	1 (25.4)	7-27/32 (199.2)	13 (330.2)	42 (1066.8)	15/16 (23.8)	3/4 (19.1)	50,000 (222)	76 (34.5)

YOKE PLATE, RECTANGLE, 30 K (PER HOLE)

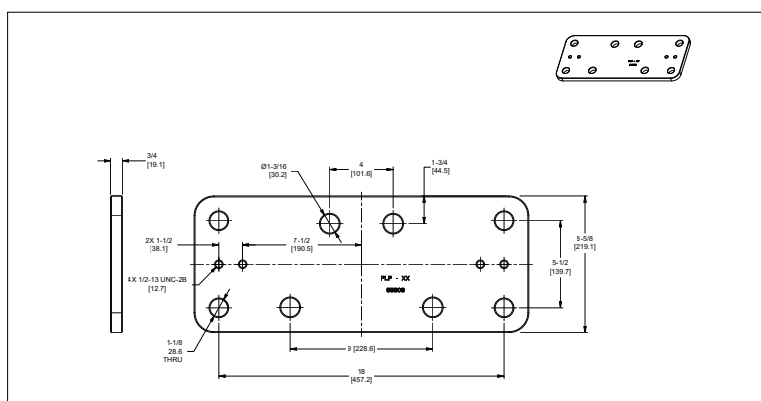
Catalog Number: YPR-65606



Component	Material
Material	Galvanized Steel
Approximate weight	29 lb (13.2 kg)
Rated breaking strength (RBS)	30,000 lb (133 kN)

YOKE PLATE, RECTANGLE, 50 K (PER HOLE)

Catalog Number: YPR-65608

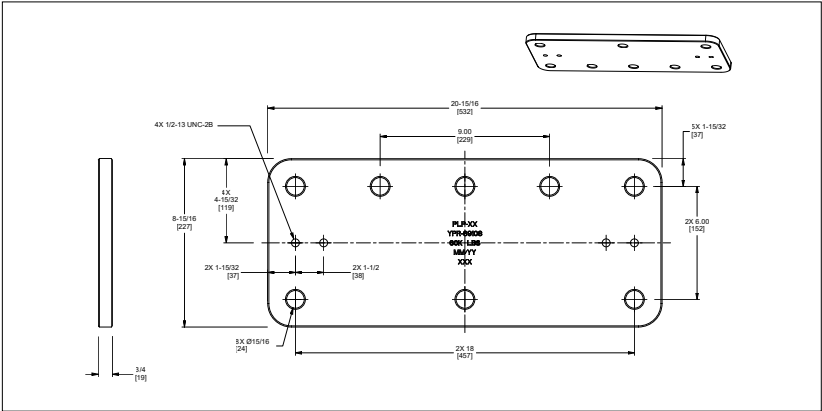


Component	Material
Material	Galvanized Steel
Approximate weight	36 lb (16.3 kg)
Rated breaking strength (RBS)	50,000 lb (222 kN)



YOKE PLATE, RECTANGULAR, 60K (PER HOLE)

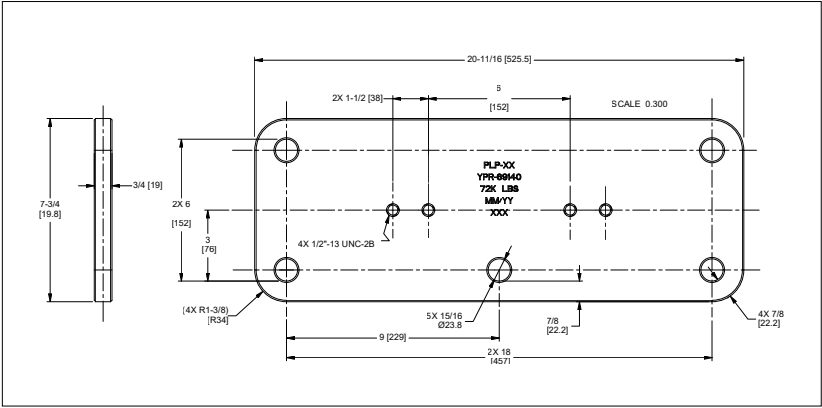
Catalog Number: YPR-69108



Component	Material
Material	Galvanized Steel
Approximate weight	38 lb (17.2 kg)
Rated breaking strength (RBS)	60,000 lb (267 kN)

YOKE PLATE, RECTANGULAR, 72K (PER HOLE)

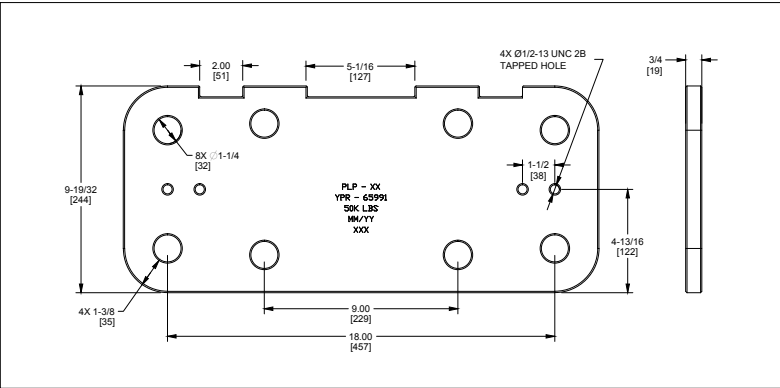
Catalog Number: YPR-69140



Component	Material
Material	Galvanized Steel
Approximate weight	32.8 lb (14.9 kg)
Rated breaking strength (RBS)	72,000 lb (320 kN)

YOKE PLATE, RECTANGULAR, 100K (PER HOLE)

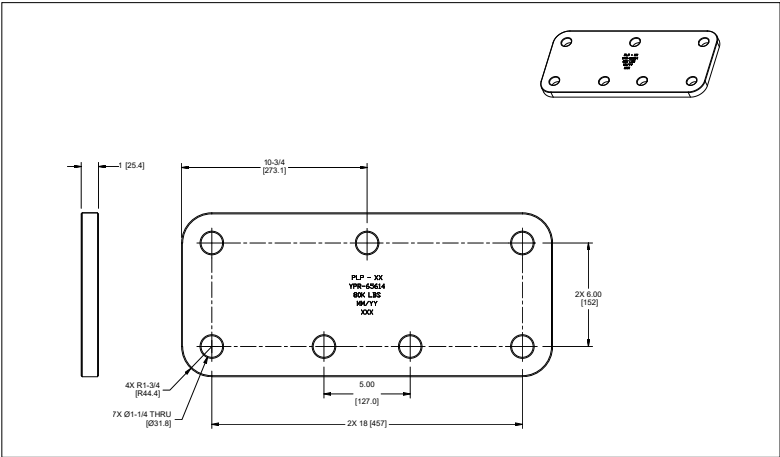
Catalog Number: YPR-65991



Component	Material
Body	Galvanized Steel
Approximate weight	41 lb (18.6 kg)
Rated breaking strength (RBS)	50,000 lb (222 kN)

YOKE PLATE, RECTANGLE, 80K (PER HOLE)

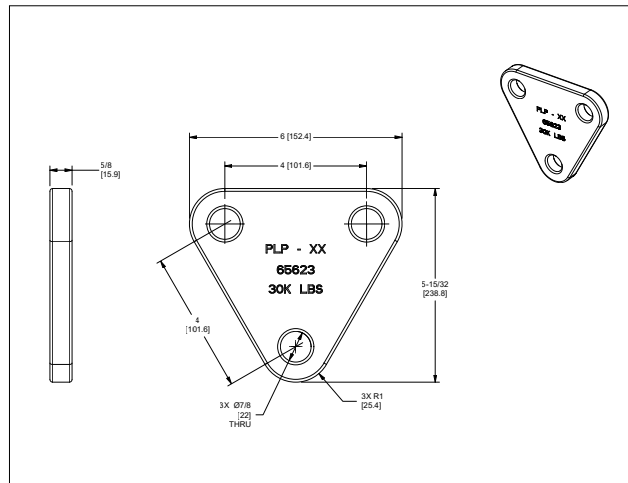
Catalog Number: YPR-65614



Component	Material
Body	Galvanized Steel
Approximate weight	36 lb (16.3 kg)
Rated breaking strength (RBS)	50,000 lb (222 kN)

4" (101 MM) YOKE PLATE, DELTA, 30 K (PER HOLE)

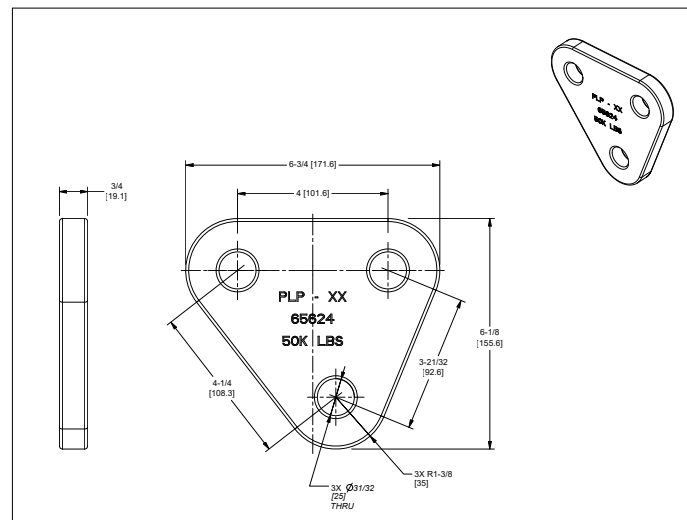
Catalog Number: YPD-65623



Component	Material
Material	Galvanized Steel
Approximate weight	4 lb (1.81 kg)
Rated breaking strength (RBS)	30,000 lb (133 kN)

4" (101 MM) YOKE PLATE, DELTA, 50 K (PER HOLE)

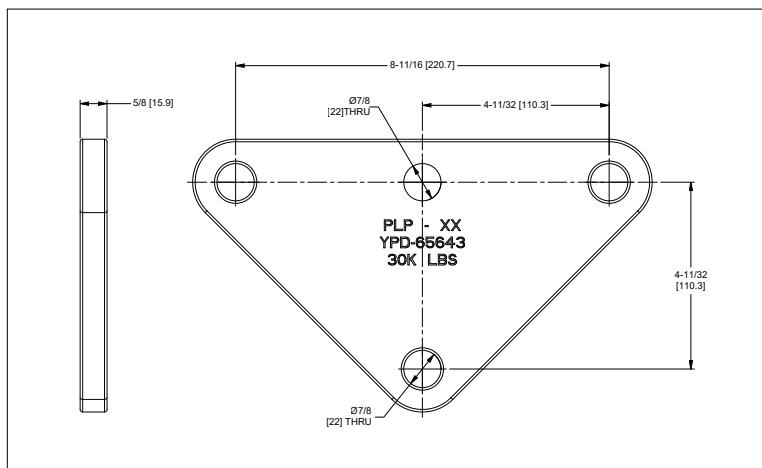
Catalog Number: YPD-65624



Component	Material
Material	Galvanized Steel
Approximate weight	6 lb (2.72 kg)
Rated breaking strength (RBS)	50,000 lb (222 kN)

YOKE PLATE, DELTA, 30 K

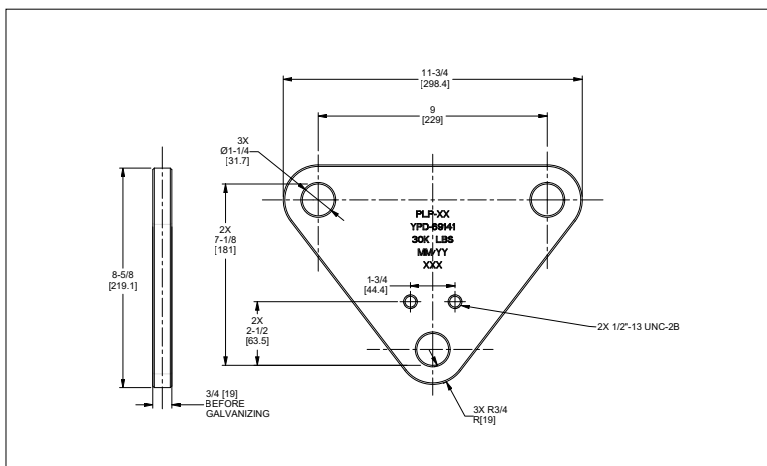
Catalog Number: YPD-65643



Component	Material
Material	Galvanized Steel
Approximate weight	7 lb (3.2 kg)
Rated breaking strength (RBS)	30,000 lb (133 kN)

YOKE PLATE, DELTA, 30 K, 9 INCH SPACING

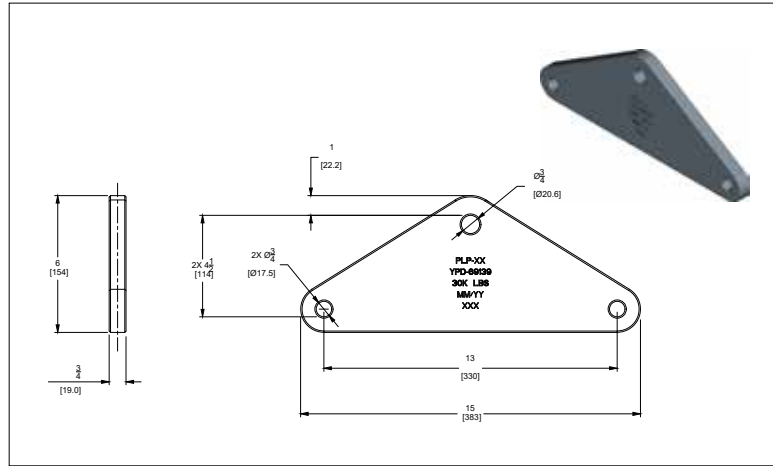
Catalog Number: YPD-69141



Component	Material
Material	Galvanized Steel
Approximate weight	12.9 lb (5.9 kg)
Rated breaking strength (RBS)	30,000 lb (133 kN)

YOKE PLATE, DELTA, 30 K, 13 INCH SPACING

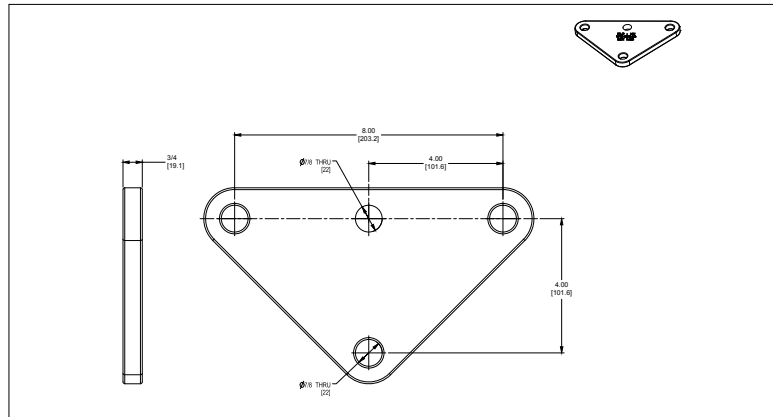
Catalog Number: YPD-69139



Component	Material
Material	Galvanized Steel
Approximate weight	12.2 lb (5.5 kg)
Rated breaking strength (RBS)	30,000 lb (133 kN)

YOKE PLATE, DELTA, 50 K, 8 INCH SPACING

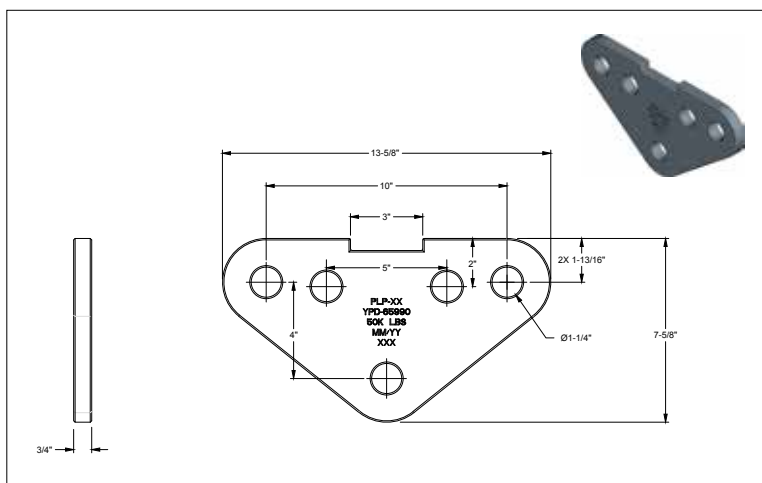
Catalog Number: YPD-69069



Component	Material
Material	Galvanized Steel
Approximate weight	7.6 lb (3.5 kg)
Rated breaking strength (RBS)	50,000 lb (222 kN)

YOKE PLATE, DELTA, 50 K, 10 INCH SPACING

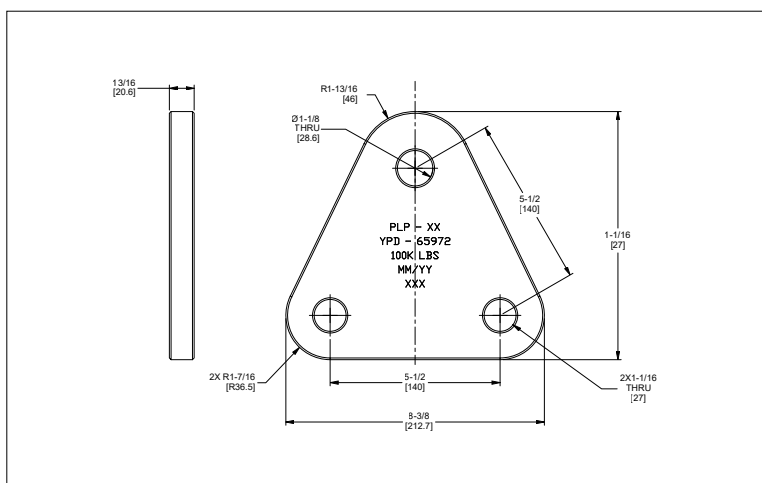
Catalog Number: YPD-65990



Component	Material
Material	Galvanized Steel
Approximate weight	13.6 lb (6.2 kg)
Rated breaking strength (RBS)	50,000 lb (222 kN)

YOKE PLATE, DELTA, 100K

Catalog Number: YPD-65972

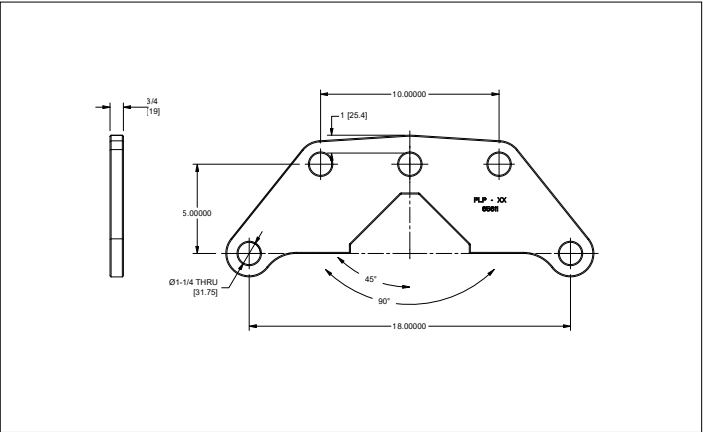


Component	Material
Material	Galvanized Steel
Approximate weight	13 lb (5.9 kg)
Rated breaking strength (RBS)	100,000 lb (444 kN)



YOKE PLATE, V-STRING TWIN, 30 K (PER HOLE)

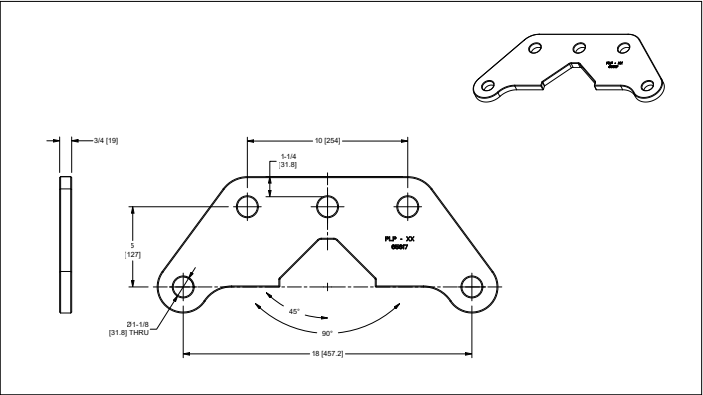
Catalog Number: YPV-65611



Component	Material
Material	Galvanized Steel
Approximate weight	19 lb (8.6 kg)
Rated breaking strength (RBS)	30,000 lb (133 kN)

YOKE PLATE, V-STRING TWIN, 50 K (PER HOLE)

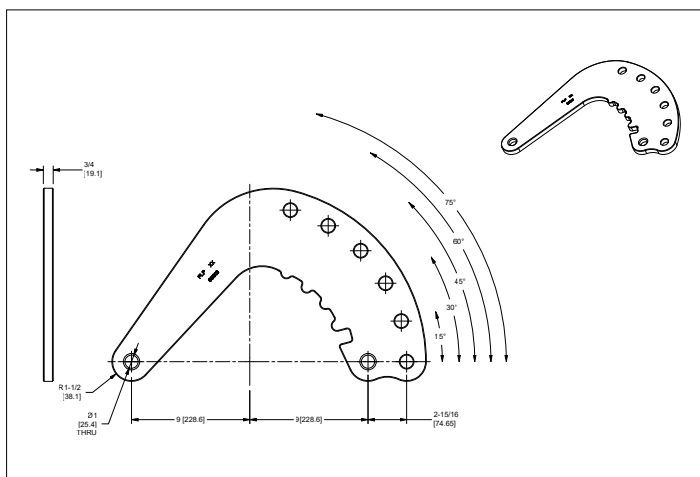
Catalog Number: YPV-65617



Component	Material
Material	Galvanized Steel
Approximate weight	23 lb (10.4 kg)
Rated breaking strength (RBS)	50,000 lb (222 kN)

YOKE PLATE, MEDIUM ANGLE, 50 K (PER HOLE)

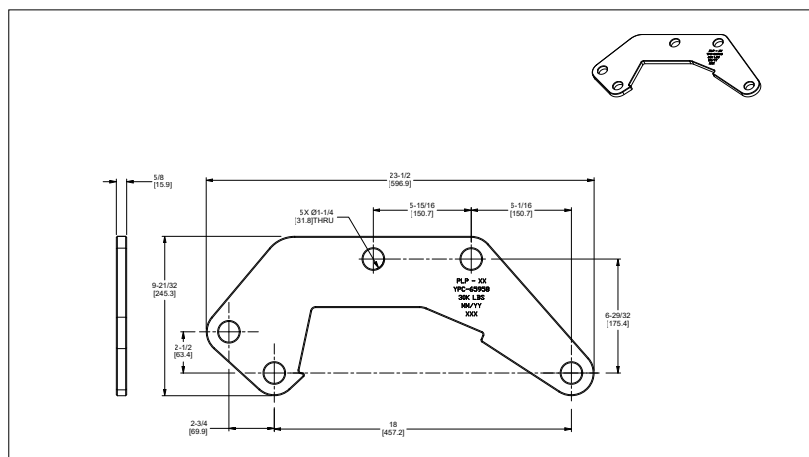
Catalog Number: YPC-65613



Component	Material
Material	Galvanized Steel
Approximate weight	34 lb (10.4 kg)
Rated breaking strength (RBS)	50,000 lb (222 kN)

YOKE PLATE, CRESCENT, 30 K (PER HOLE)

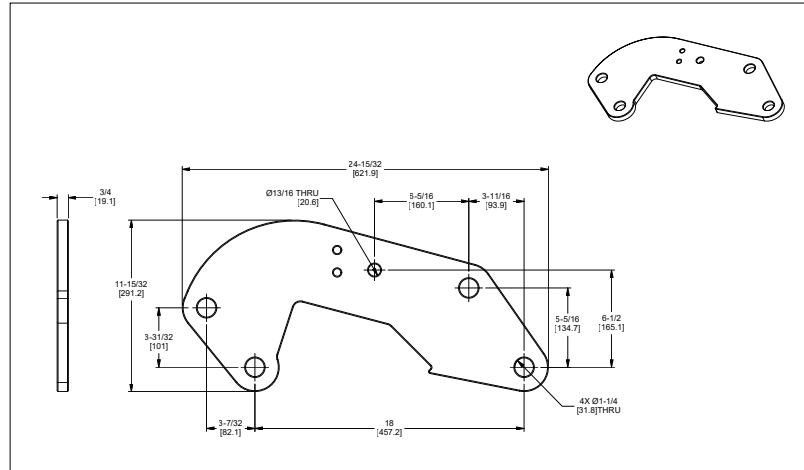
Catalog Number: YPC-65958



Component	Material
Material	Galvanized Steel
Approximate weight	20 lb (9.1 kg)
Rated breaking strength (RBS)	30,000 lb (133 kN)

YOKE PLATE, CRESCENT, 50 K (PER HOLE)

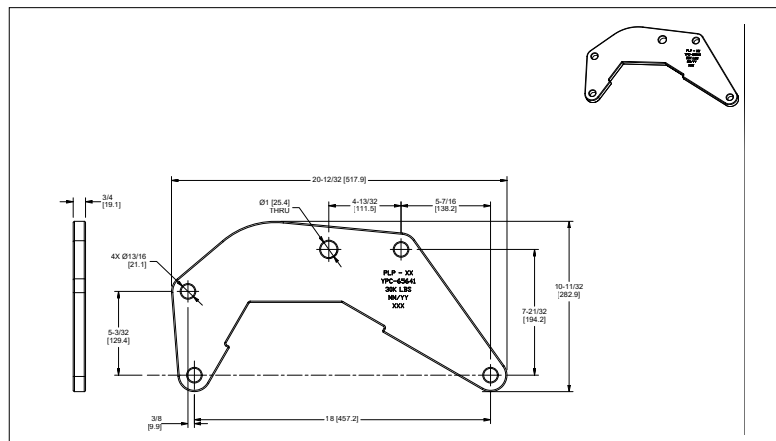
Catalog Number: YPC-65962



Component	Material
Material	Galvanized Steel
Approximate weight	33 lb (15 kg)
Rated breaking strength (RBS)	50,000 lb (222 kN)

YOKE PLATE, SEMI-V 60/30 – 30 K (PER HOLE)

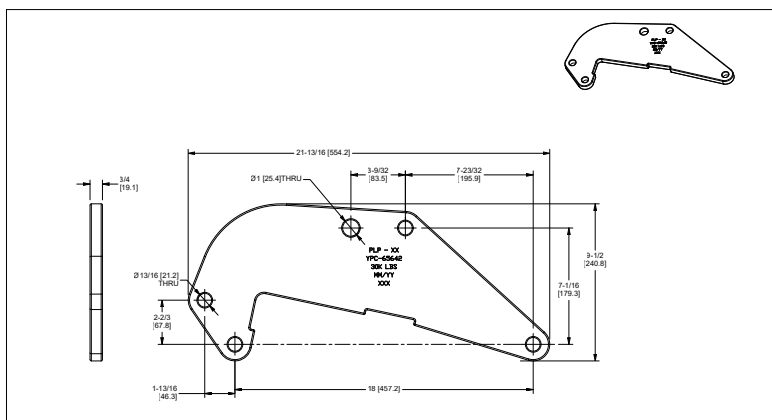
Catalog Number: YPD-65641



Component	Material
Material	Galvanized Steel
Approximate weight	22 lb (9.9 kg)
Rated breaking strength (RBS)	30,000 lb (135 kN)

YOKE PLATE, SEMI-V 78/12 – 30 K (PER HOLE)

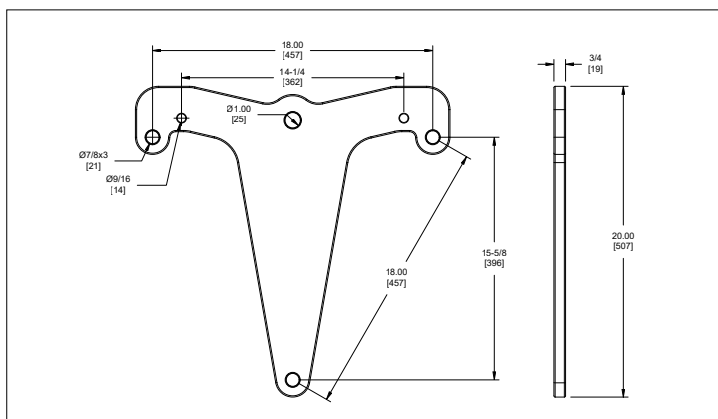
Catalog Number: YPD-65642



Component	Material
Material	Galvanized Steel
Approximate weight	24 lb (15 kg)
Rated breaking strength (RBS)	30,000 lb (133 kN)

YOKE PLATE, TRI-BUNDLE, I-STRING, 50 K

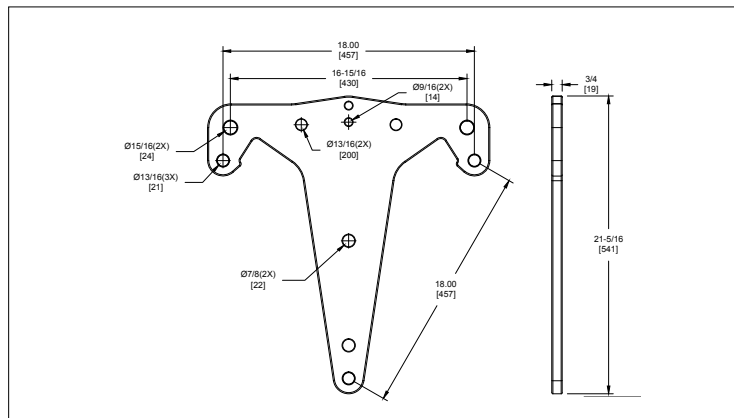
Catalog Number: YPT-65978



Component	Material
Material	Galvanized Steel
Approximate weight	29 lb (13.2 kg)
Rated breaking strength (RBS)	50,000 lb (222 kN)

YOKE PLATE, TRI-BUNDLE, V-STRING, 50 K

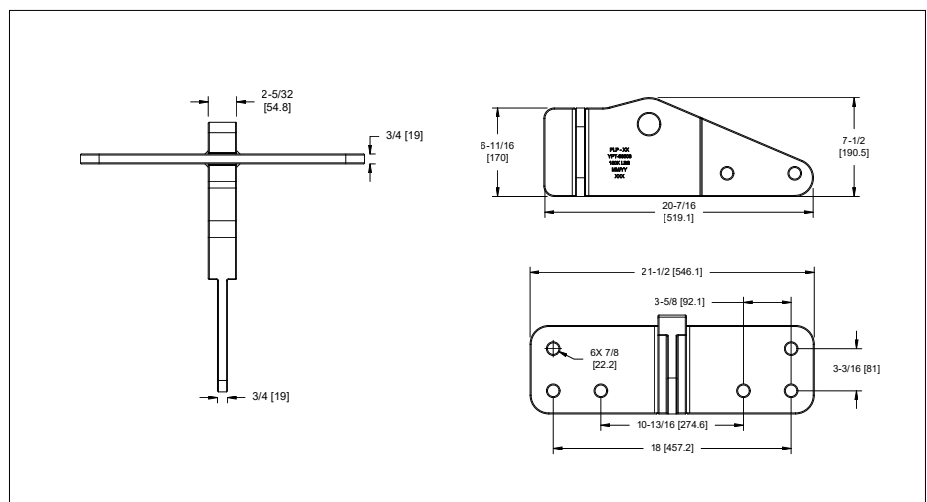
Catalog Number: YPT-65979



Component	Material
Material	Galvanized Steel
Approximate weight	31.5 lb (14.3 kg)
Rated breaking strength (RBS)	50,000 lb (222 kN)

YOKE PLATE, TRI-BUNDLE, DEAD END SIDE WELDMENT, 150 K

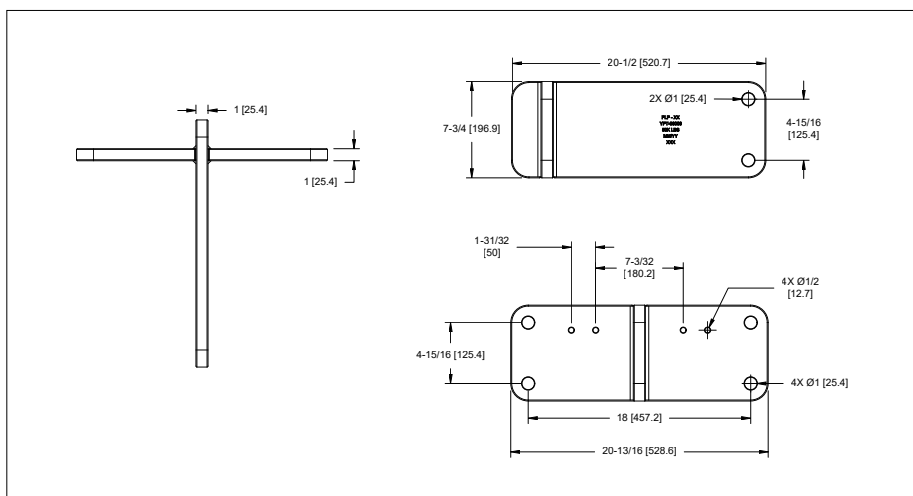
Catalog Number: YPT-66008



Component	Material
Material	Galvanized Steel
Approximate weight	81.4 lb (39.6 kg)
Rated breaking strength (RBS)	150,000 lb (667 kN)

YOKE PLATE, TRI-BUNDLE, DEAD END TOWER SIDE, 50 K

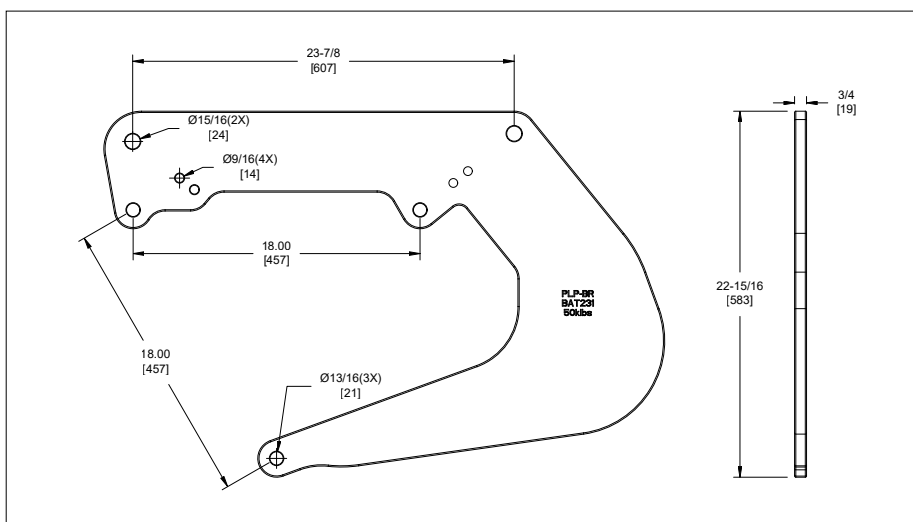
Catalog Number: YPT-66009



Component	Material
Material	Galvanized Steel
Approximate weight	86 lb (39 kg)
Rated breaking strength (RBS)	50,000 lb (222 kN)

YOKE PLATE, TRI-BUNDLE, ANGLED SUSPENSION

Catalog Number: YPT-65982

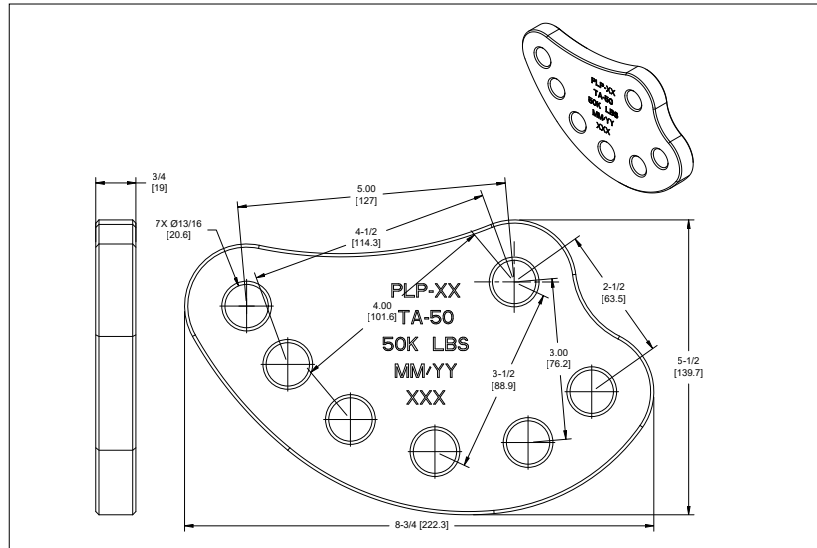


Component	Material
Material	Galvanized Steel
Approximate weight	74 lb (33.6 kg)
Rated breaking strength (RBS)	50,000 lb (222 kN)



TENSION ADJUSTMENT YOKE PLATE, 50 K

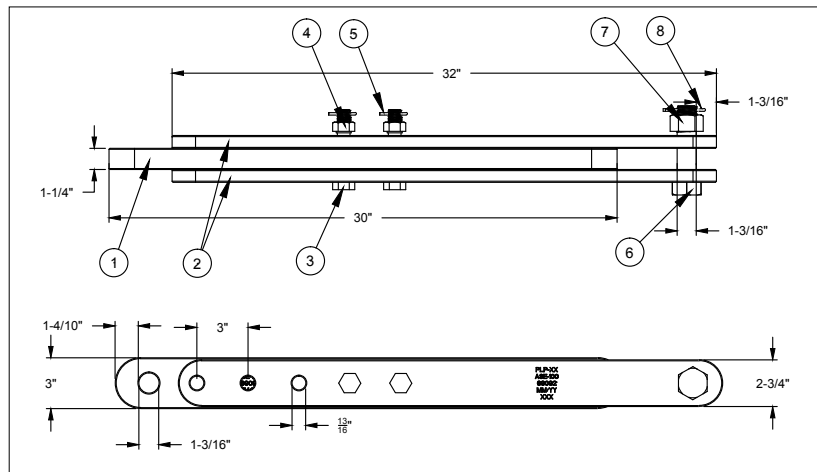
Catalog Number: TA-50



Component	Material
Body	Galvanized Steel
Approximate weight	6.5 lb (2.9 kg)
Rated breaking strength (RBS)	50,000 lb

ADJUSTABLE EXTENSION STRAP

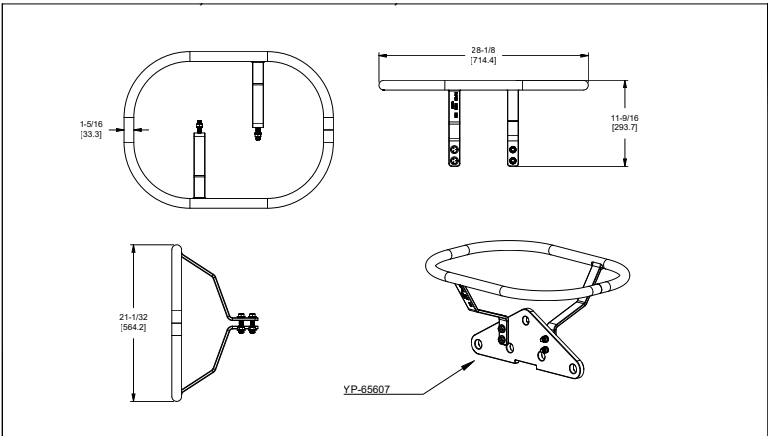
Catalog Number: Contact PLP



Component	Material
Straps	Galvanized Steel
Hardware	Galvanized Steel
Cotter Pins	Stainless steel
Approximate weight	65 lb (29 kg)
Rated breaking strength (RBS)	100,000 lb (444 kN)

CORONA RING, TWIN-BUNDLE, I-STRING

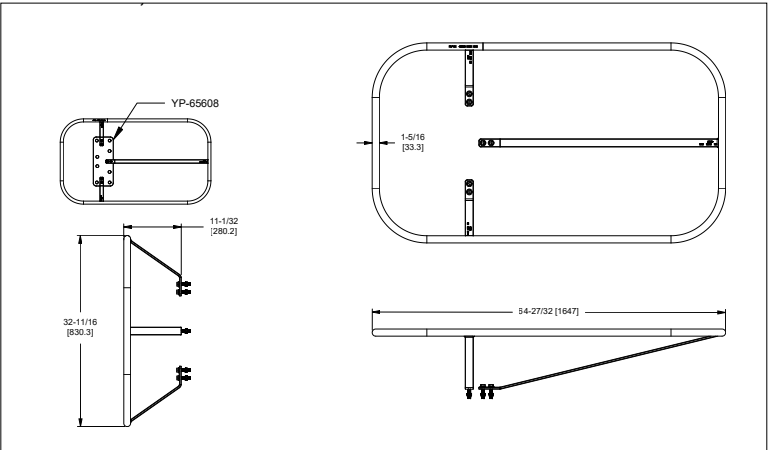
Catalog Number: CR-001



Component	Material
Corona Ring	Aluminum
Hardware	Galvanized Steel
Approximate weight	6.2 lb (2.8 kg)

CORONA RING, TWIN-BUNDLE, DEAD-END, LARGE

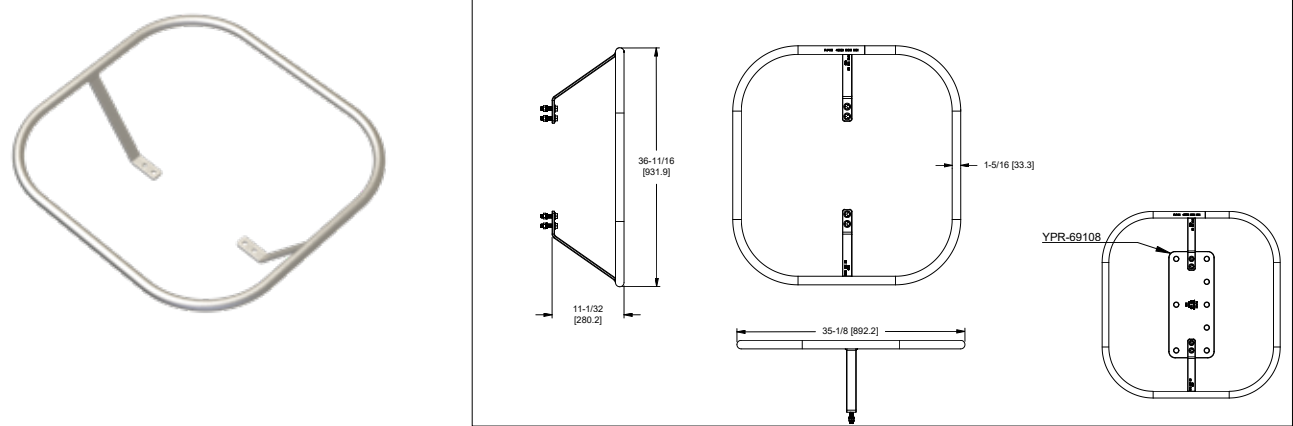
Catalog Number: CR-002



Component	Material
Corona Ring	Aluminum
Hardware	Galvanized Steel
Approximate weight	13.6 lb (6.2 kg)

CORONA RING, TWIN BUNDLE DEAD-END, SMALL

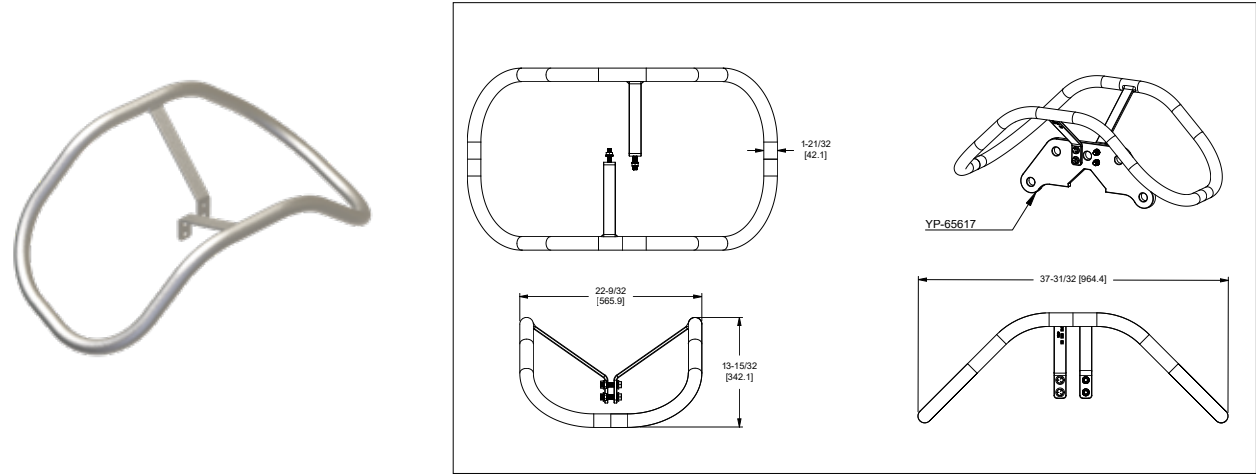
Catalog Number: CR-003



Component	Material
Corona Ring	Aluminum
Hardware	Galvanized Steel
Approximate weight	8.0 lb (3.6 kg)

CORONA RING, TRI-BUNDLE, V-STRING

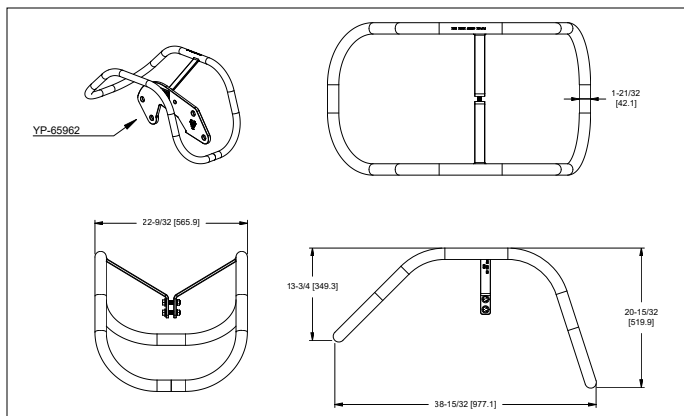
Catalog Number: CR-004



Component	Material
Corona Ring	Aluminum
Hardware	Galvanized Steel
Approximate weight	10 lb (4.5 kg)

CORONA RING, TWIN BUNDLE, ANGLED V-STRING

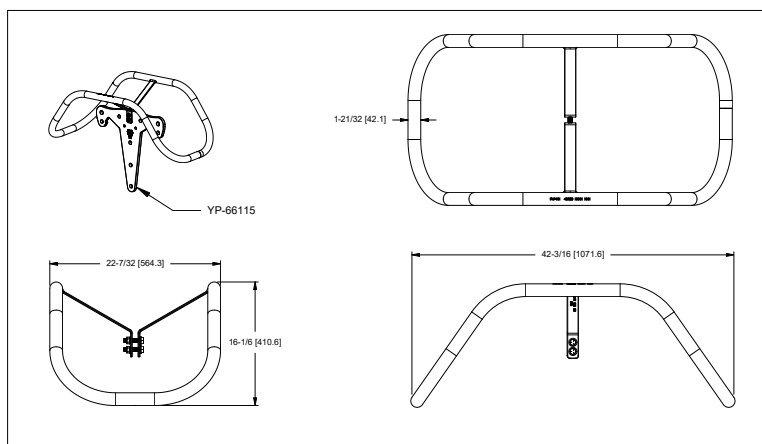
Catalog Number: CR-005



Component	Material
Corona Ring	Aluminum
Hardware	Galvanized Steel
Approximate weight	10.6 lb (4.8 kg)

CORONA RING, TRI-BUNDLE, V-STRING

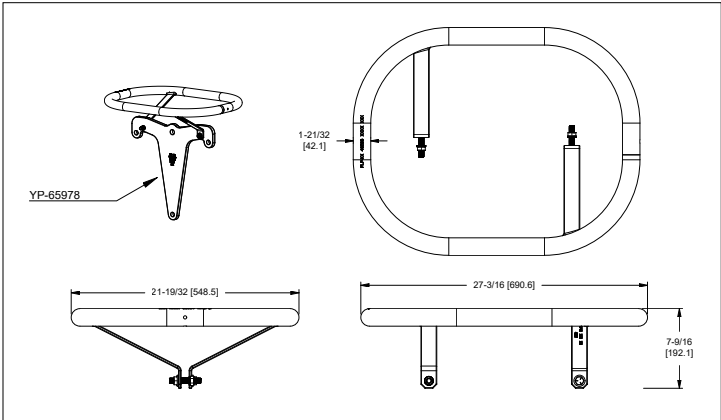
Catalog Number: CR-006



Component	Material
Corona Ring	Aluminum
Hardware	Galvanized Steel
Approximate weight	10.3 lb (4.7 kg)

CORONA RING, TRI-BUNDLE, I-STRING

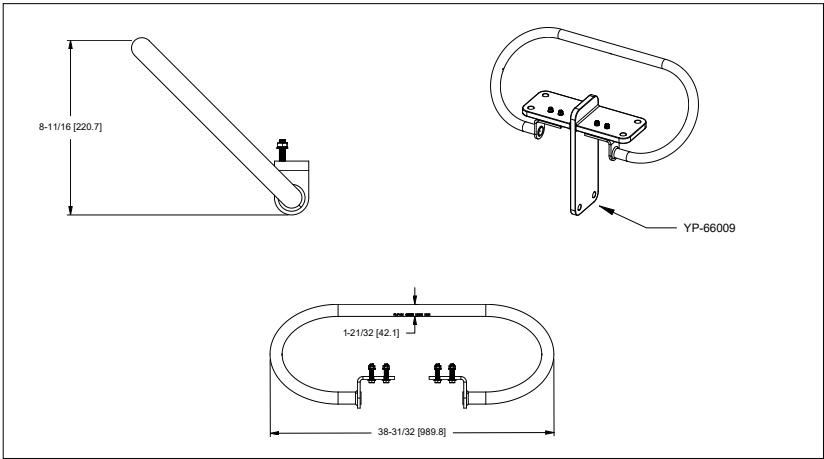
Catalog Number: CR-007



Features	
Corona Ring	Aluminum
Hardware	Galvanized Steel
Approximate weight	6.2 lb (2.8 kg)

CORONA RING, TRI-BUNDLE, DEAD END

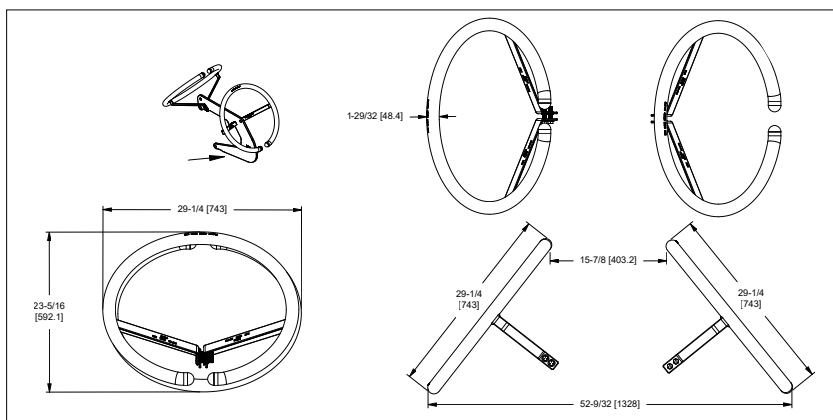
Catalog Number: CR-008



Component	Material
Corona Ring	Aluminum
Hardware	Galvanized Steel
Approximate weight	7.5 lb (3.4 kg)

CORONA RING, TRI-BUNDLE, ANGLED V-STRING

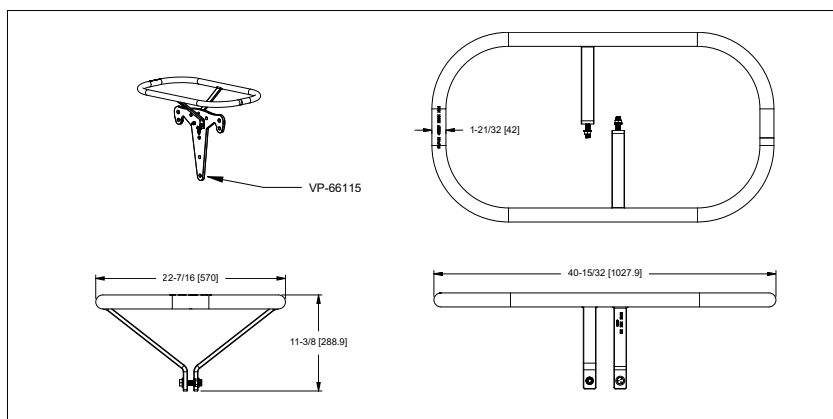
Catalog Number: CR-009



Component	Material
Corona Ring	Aluminum
Hardware	Galvanized Steel
Approximate weight	22 lb (10 kg)

CORONA RING, TRI-BUNDLE, DOUBLE I-STRING

Catalog Number: CR-010

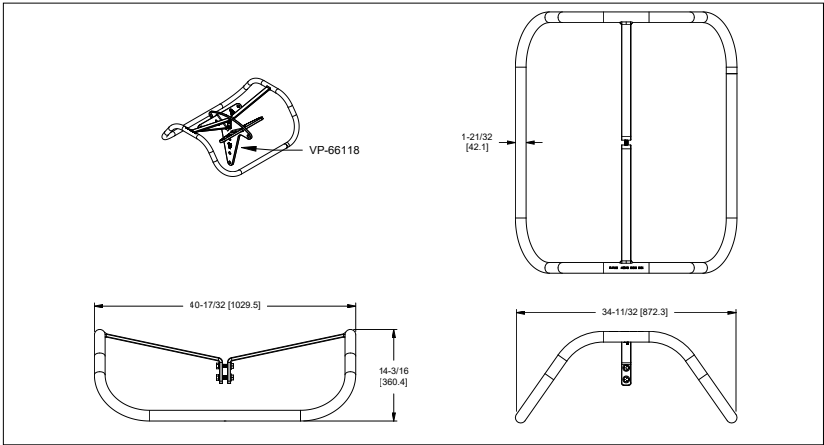


Component	Material
Corona Ring	Aluminum
Hardware	Galvanized Steel
Approximate weight	9.4 lb (4.3 kg)



CORONA RING, TRI-BUNDLE, DOUBLE V-STRING

Catalog Number: CR-011



Component	Material
Corona Ring	Aluminum
Hardware	Galvanized Steel
Approximate weight	13.6 lb (6.2 kg)



CUSHION-GRIP® JUMPER YOKE

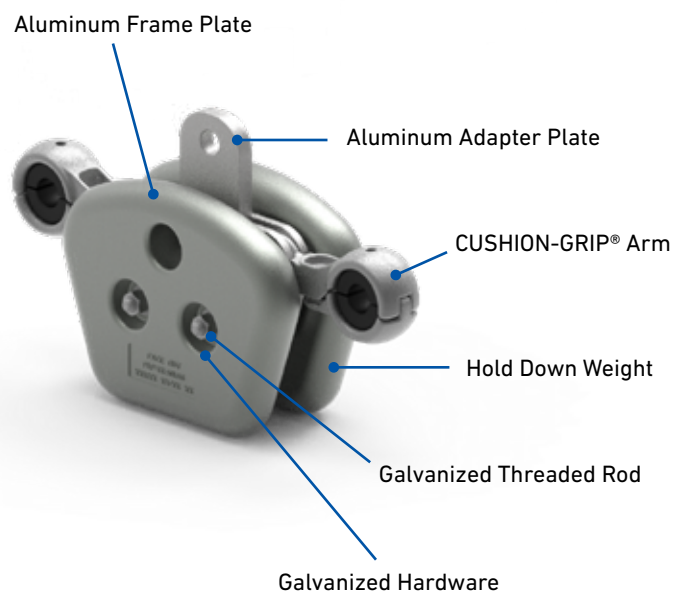
The **CUSHION-GRIP® Jumper Yoke** is designed for bundled conductor jumper applications where additional hold down weight may be necessary. The design utilizes elastomer cushioned arms that significantly reduce static and dynamic bending stresses on the conductors. Additionally, the CUSHION-GRIP Jumper Yoke is rated for both high voltage and high temperature applications.

FEATURES AND BENEFITS

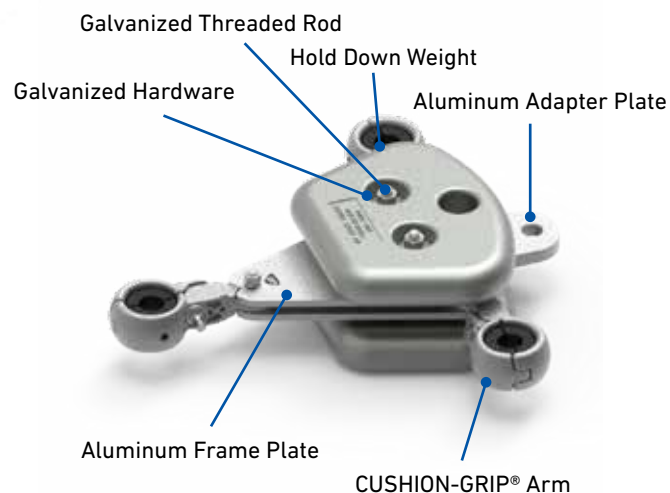
- Protects conductors by utilizing the same field-proven elastomer cushion found in the CUSHION-GRIP Spacer Damper and CUSHION-GRIP Twin Spacer
- Available for both twin-bundle and tri-bundle configurations
- Standard 18" conductor spacing (custom sub-conductor spacing is available upon request)
- Rated for up to 500 kV applications
- Rated for up to 250° C continuous operating temperatures
- Available for conductors ranging from 0.673" to 1.821" in diameter
- Available with additional hold down weight ranging from 0 to 500 lb

COMPONENTS

CUSHION-GRIP® Jumper Yoke Twin-Bundle

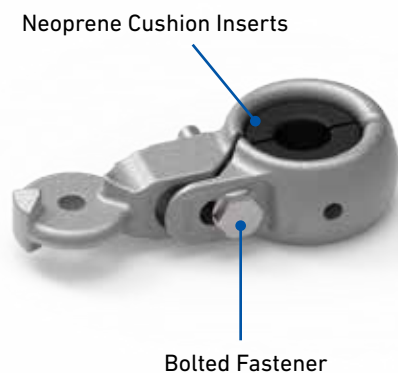


CUSHION-GRIP® Jumper Yoke Tri-Bundle

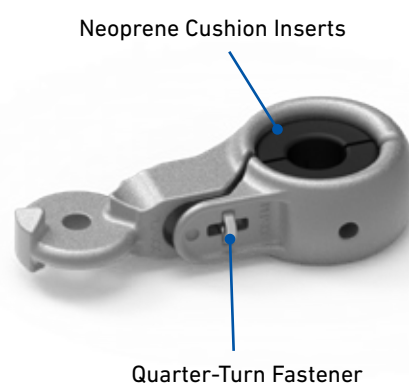


CUSHION-GRIP® Jumper Yoke Arm Types

Bolted Arm



Quarter-Turn Arm





ORDERING INFORMATION

• Select the appropriate **CUSHION-GRIP® Jumper Yoke** based on the conductor bundle, arm type, conductor diameter, and weight.

• **Part Number Convention: CGJY-AXXBHT-YYY**

• **Where:**

A - conductor bundle: 2 for twin-bundle, 3 for tri-bundle

B - optional for bolted arm; quarter-turn arm is standard

XX - conductor diameter range from the table below

YYY - weight in 50 lb increments, up to 500 lb (includes all necessary hardware for attachment)

NOTES

- For configurations where no weight is needed or will be ordered separately "YYY" is "N"

- Include "-EN" at the end of part number to include eye nuts for lifting

• **Examples:**

- CGJY-235HT-200 is for 1.346" to 1.382" conductor with 200 lb of weight added

- CGJY-240HT-N is for 1.540" to 1.579" conductor with no weight added

- CGJY-237HT-400-EN is for 1.422" to 1.461" conductor with 400 lb of weight added and (2) lifting eye nuts

CUSHION-GRIP® Jumper Yoke

Part Number Ranges	
XX	Conductor Diameter
	in (mm)
18	0.673 - 0.713 (17.1 - 18)
19	0.714 - 0.752 (18.1 - 19)
20	0.753 - 0.791 (19.1 - 20)
21	0.792 - 0.831 (20.1 - 21)
22	0.832 - 0.870 (21.1 - 22)
23	0.871 - 0.909 (22.1 - 23)
24	0.910 - 0.949 (23.1 - 24)
25	0.950 - 0.988 (24.1 - 25)
26	0.989 - 1.028 (25.1 - 26)
27	1.029 - 1.067 (26.1 - 27)
28	1.068 - 1.106 (27.1 - 28)
29	1.107 - 1.146 (28.1 - 29)
30	1.147 - 1.185 (29.1 - 30)
31	1.186 - 1.224 (30.1 - 31)
32	1.225 - 1.264 (31.1 - 32)
33	1.265 - 1.303 (32.1 - 33)
34	1.304 - 1.345 (33.1 - 34)
35	1.346 - 1.382 (34.1 - 35)
36	1.383 - 1.421 (35.1 - 36)
37	1.422 - 1.461 (36.1 - 37)
38	1.462 - 1.500 (37.1 - 38)
39	1.501 - 1.539 (38.1 - 39)
40	1.540 - 1.579 (39.1 - 40)
41	1.580 - 1.618 (40.1 - 41)
42	1.619 - 1.657 (41.1 - 42)
43	1.658 - 1.697 (42.1 - 43)
44	1.698 - 1.736 (43.1 - 44)
45	1.737 - 1.776 (44.1 - 45)
46	1.777 - 1.821 (45.1 - 46)





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