

Pole Line Hardware



SS401E - SS802E - SS803E - SS804E

Heavy Duty Spool Rack (12 kV)

Cat. No.	No. of Wires	Overall Length (in.)	Weight (100 pcs)		Std. Pkg.
			lb.	kg	
SS401E	1	9-1/2	300	136.3	10
SS802E	2	17-1/2	520	236.3	5
SS803E	3	25-1/2	780	354.5	
SS804E	4	33-1/2	1040	472.7	

Racks are made of 1 in. x 1 in. x 1/8 in. angle iron, assembled complete with 5/8 in. diameter rod and 3/16 in. diameter brass cotter pin. All ferrous parts are hot dip galvanized. Insulator cat. no. IB135 must be ordered separately (included in SS401E only).



MM801

Heavy Duty Spool Rack (15 kV)

Cat. No.	No. of Wires	Overall Length (in.)	Weight (100 pcs)		Std. Pkg.
			lb.	kg	
MM801	1	3	360	163.2	10

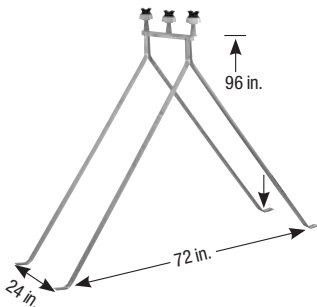


SS18

Medium Duty Spool Rack (8 kV)

Cat. No.	No. of Wires	Overall Length (in.)	Weight (100 pcs)		Std. Pkg.
			lb.	kg	
SS18	1	6-1/2	150	68.1	25

Medium duty spool rack is furnished complete with cat. no. IB134 insulator. All ferrous parts are hot dip galvanized.



603TH-604TH

Tripods

Cat. No.	No. of Wires	Weight (100 pcs)		Std. Pkg.
		lb.	kg	
603TH*	3	4000	1818.1	1
604TH	—	3800	1727.2	1

Type "T" (medium duty) is constructed of 1 in. x 1 in. x 1/8 in. angle iron. Type "TH" (heavy duty) is constructed of 1-1/4 in. x 1-1/4 in. x 3/16 in. angle iron. All ferrous parts are hot dip galvanized.

* Complete with IB400.

Pole Line Hardware



IB400

Tripod insulator (7.2 kV)

Cat. No.	Height (in.)	Overall Dia. (in.)	Weight (100 pcs)		Std. Pkg.
			lb.	kg	
IB400	3-1/2	3-1/4	125	56.8	25

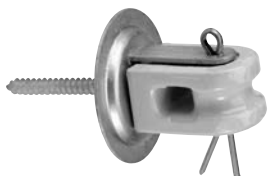


IB134 - IB135

Insulators (8 kV-12 kV)

Cat. No.	Ampere	Height (in.)	Diameter (in.)	Hole Dia. (in.)	Weight (100 pcs)		Std. Pkg.
					lb.	kg	
IB134	100	2	2-1/4	9/16	40	18.1	100
IB135	200	3	3	13/16	115	52.2	50

Porcelain insulator securely held in the hot galvanized steel clevis by a cotter pin.

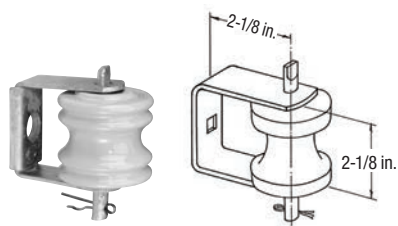


IB900

Screw type insulator (7.2 kV)

Cat. No.	Insulator Length (in.)	Pull Out Strength	Weight (100 pcs)		Std. Pkg.
			lb.	kg	
IB900	3	1500 lb.	87	39.5	25

Porcelain insulator securely held in the hot galvanized steel clevis by a cotter pin.

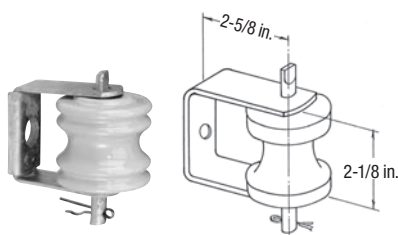


AN422 - AN422KIT - AN423

Clevis (8 kV)

Cat. No.	Mounting Hole	Weight (100 pcs)		Std. Pkg.
		lb.	kg	
AN422	11/16 in. round	90	40.9	25
AN422KIT	11/16 in. round c/w bolts and washers	—	—	1
AN423	9/16 in. x 9/16 in. square	90	40.9	25

Add suffix "NI" if insulator is not required. Constructed of 1/8 in. x 1 in. flat mild steel, has 3/8 in. diam. pin and C/W No. IB134 insulator, mounting hole as per table above. All ferrous parts are hot dip galvanized.



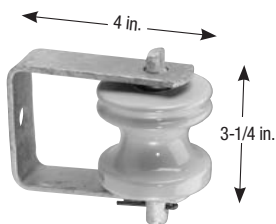
AN424

Clevis (8 kV)

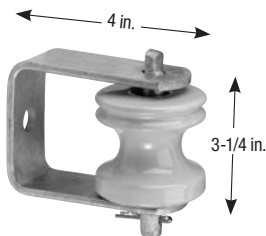
Cat. No.	Weight (100 pcs)		Std. Pkg.
	lb.	kg	
AN424	100	45.4	25

Add suffix "NI" if insulator is not required. Constructed of 1/8 in. x 1-1/4 in. flat mild steel, has 3/8 in. diam. pin and C/W No. IB134 insulator, 3/8 in. round mounting hole. All ferrous parts are hot dip galvanized.

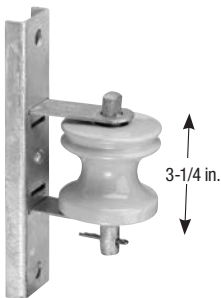
Pole Line Hardware



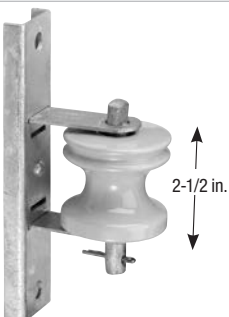
AN428S



AN428



AN117



AN122

Clevis (12 kV)

Cat. No.	Weight (100 pcs)		Std. Pkg.
	lb.	kg	
AN428S	262	119	25

Add suffix "NI" if insulator is not required. Constructed of 3/16 in. x 1-1/2 in. flat mild steel, has 5/8 in. diam. pin and C/W No. IB135 insulator, 11/16 in. round mounting hole. All ferrous parts are hot dip galvanized.

Clevis (12 kV)

Cat. No.	Weight (100 pcs)		Std. Pkg.
	lb.	kg	
AN428	350	159	5

Add suffix "NI" if insulator is not required. Constructed of 1/4 in. x 2 in. flat mild steel, has 5/8 in. diam. pin and C/W No. IB135 insulator, 11/16 in. round mounting hole. All ferrous parts are hot dip galvanized.

Flat Mount H.D. Triplex Cable Rack (12 kV)

Cat. No.	Weight (100 pcs)		Std. Pkg.
	lb.	kg	
AN117	290	130	10

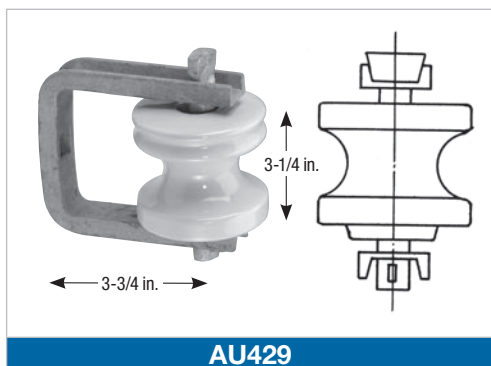
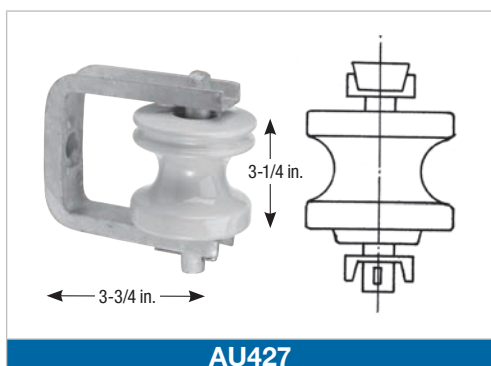
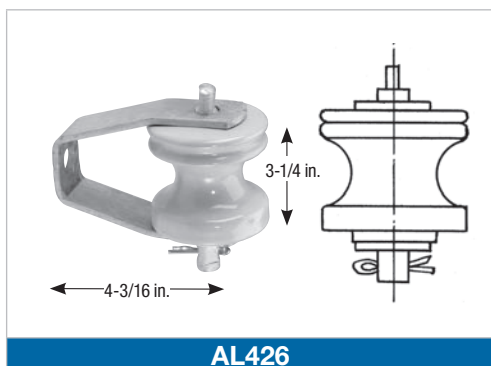
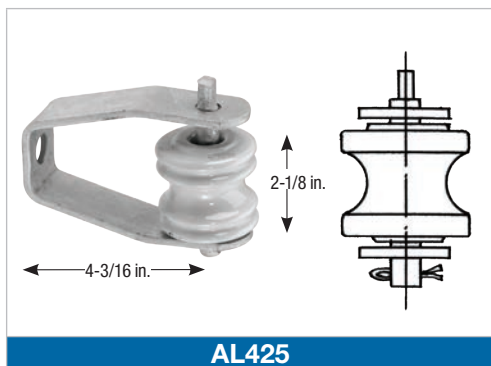
Heavy duty wall rack constructed of 1/8 in. steel, C/W 2 mounting holes 1/2 in., C/W No. IB135 insulator. All ferrous parts are hot dip galvanized.

Flat Mount H.D. Triplex Cable Rack (8 kV)

Cat. No.	Weight (100 pcs)		Std. Pkg.
	lb.	kg	
AN122	160	70	10

Light duty wall rack constructed of 1/8 in. steel, C/W 2 mounting holes 1/2 in., C/W No. IB134 insulator. All ferrous parts are hot dip galvanized.

Pole Line Hardware



Clevis (8 kV)

Cat. No.	Weight (100 pcs)		Std. Pkg.
	lb.	kg	
AL425	162	73.6	20

Add suffix "NI" if insulator is not required. Constructed of 3/16 in. x 1-1/2 in. flat mild steel, has 1/2" diam. pin and C/W No. IB134 insulator, 11/16 in. round mounting hole. All ferrous parts are hot dip galvanized.

Clevis (12 kV)

Cat. No.	Weight (100 pcs)		Std. Pkg.
	lb.	kg	
AL426	262	119	10

Add suffix "NI" if insulator is not required. Constructed of 3/16 in. x 1-1/2 in. flat mild steel, has 5/8 in. diam. pin and C/W No. IB135 insulator, 11/16 in. round mounting hole. All ferrous parts are hot dip galvanized.

Clevis (12 kV)

Cat. No.	Weight (100 pcs)		Std. Pkg.
	lb.	kg	
AU427	265	120.4	10

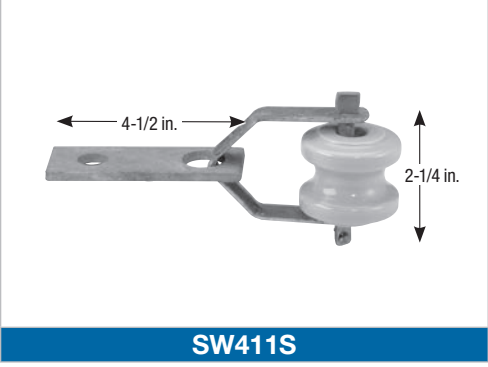
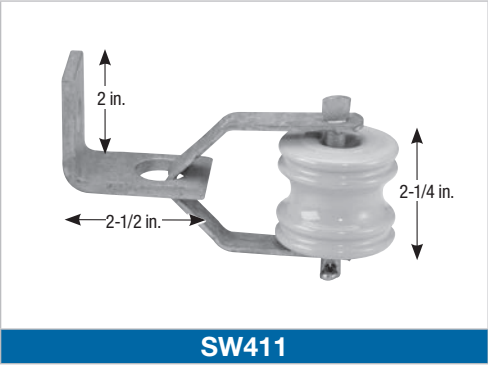
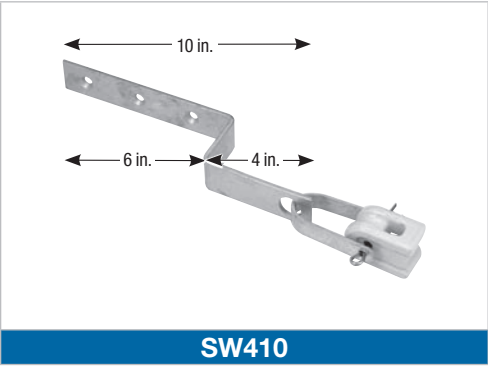
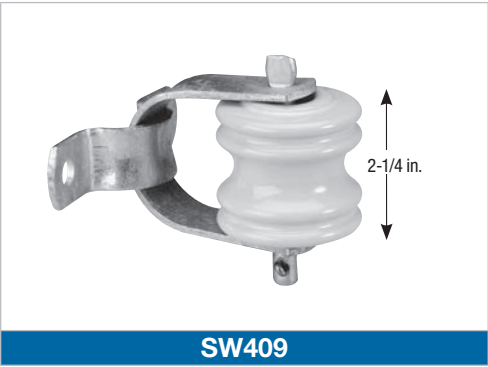
Add suffix "NI" if insulator is not required. Constructed of 1-1/4 in. x 1/2 in. x 1/8 in. steel channel, has 5/8 in. diam. pin and C/W No. IB135 insulator, 11/16 in. round mounting hole. All ferrous parts are hot dip galvanized.

Clevis (12 kV)

Cat. No.	Weight (100 pcs)		Std. Pkg.
	lb.	kg	
AU429	240	109	10

Add suffix "NI" if insulator is not required. Constructed of 1 in. x 1/2 in. x 1/8 in. steel channel, has 5/8 in. diam. pin C/W No. IB135 insulator, 11/16 in. square hole. All ferrous parts are hot dip galvanized.

Pole Line Hardware



Clevis (8 kV)

Cat. No.	Weight (100 pcs)		Std. Pkg.
	lb.	kg	
SW409	100	45.4	25

Add suffix "NI" if insulator is not required. Constructed of 1/8 in. x 1 in. curved mild steel, has 3/8 in. diam. swivel type pin C/W No. IB134 insulator, 2 mtg. holes 7/16 in. round. All ferrous parts are hot dip galvanized.

Clevis (7.2 kV)

Cat. No.	Weight (100 pcs)		Std. Pkg.
	lb.	kg	
SW410	180	81.8	20

Add suffix "NI" if insulator is not required. Undereave/off the wall bracket constructed of 3/16 in. x 1-1/2 in. flat mild steel, C/W No. IB132 insulator. Three 3/8 in. round mtg. holes. All ferrous parts are hot dip galvanized.

Clevis (8 kV)

Cat. No.	Weight (100 pcs)		Std. Pkg.
	lb.	kg	
SW411	125	56.8	20

Add suffix "NI" if insulator is not required. Constructed of 1/8 in. x 3/4 in. curved mild steel, has 3/8 in. diam. swivel type pin C/W No. IB134 insulator, strong 1/4 in. angle bracket, 11/16 in. round mtg. hole. All ferrous parts are hot dip galvanized.

Clevis (8 kV)

Cat. No.	Weight (100 pcs)		Std. Pkg.
	lb.	kg	
SW411S	125	56.8	20

Add suffix "NI" if insulator is not required. Constructed of 1/8 in. x 3/4 in. curved mild steel, has 3/8 in. diam. swivel type pin C/W No. IB134 insulator, strong 1/4 in. bracket, 11/16 in. round mtg. hole. All ferrous parts are hot dip galvanized.

Pole Line Hardware



SW412



SW412-MH

Clevis (8 kV)

Cat. No.	Weight (100 pcs)		Std. Pkg.
	lb.	kg	
SW412	100	45.4	10

Add suffix "NI" if insulator is not required. Undereave/off the wall bracket constructed of 3/16 in. x 1-1/2 in. steel, C/W No. IB134 insulator. Three 3/8 in. round mtg. holes. All ferrous parts are hot dip galvanized.

Clevis (8 kV)

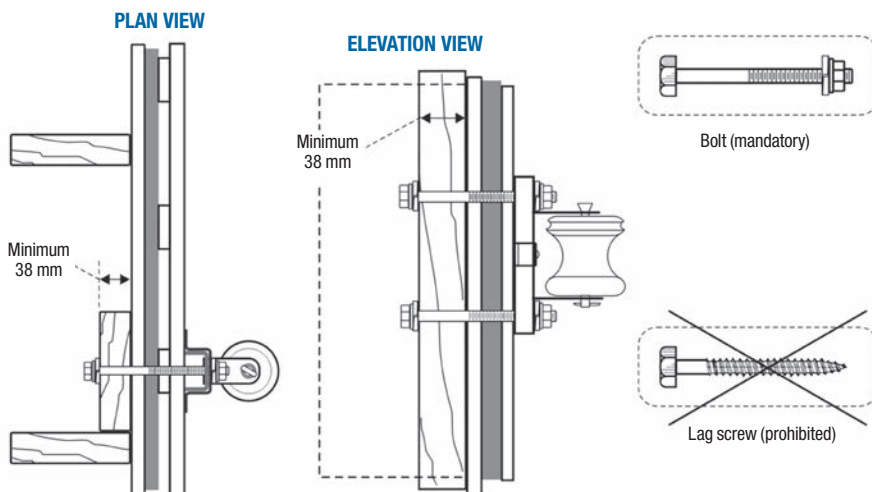
Cat. No.	Weight (100 pcs)		Std. Pkg.
	lb.	kg	
SW412-MH	140	63.5	20

Add suffix "NI" if insulator is not required. Constructed of 3/16 in. x 1-1/2 in. steel, has 5/8 in. diam. pin and C/W No. IB134 insulator. 11/16 in. round mtg. hole. All ferrous parts are hot dip galvanized.

Anti-Vibration Kit for Spool Rack

Cat. No.	Description	Weight (100 pcs)		Std. Pkg.
		lb.	kg	
B3/8-6	2 bolts 3/8 x 6 in. long c/w 1 washer, 1 lockwasher and 1 nut finished hot galv.	100	45.35	5

Add suffix "NI" if insulator is not required. Constructed of 1-1/4 in. x 1/2 in. x 1/8 in. steel channel, has 5/8 in. diam. pin and C/W No. IB135 insulator, 11/16 in. round mounting hole. All ferrous parts are hot dip galvanized.



Note: Interior insulation and exterior wall are not shown for more clarity. Figure 2: Spool rack installation (wooden structure). Source: Régie du bâtiment du Québec. Can also be used in all Provinces

Québec Construction Code, Chapter V – Electricity, Article 6-112 (6) requires that the spool rack be tightly bolted and attached to structural members of a minimum thickness of 88mm overall, if the framed structure is made of wood.

Hydro-Québec, Low-Voltage Electrical Service, Standard E21-10, Article 2.2.1, 2.2.2 and Blue Book read as follows:

2.2.1 SUPPLY AND INSTALLATION

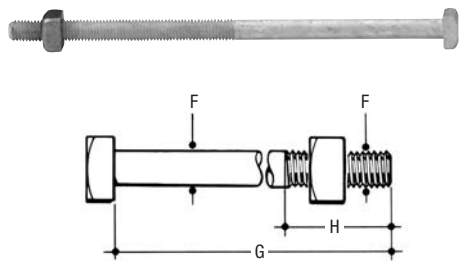
The master electrician shall, at the customer's expense, supply and install the spool rack in accordance with Code requirements and with the recommendations of the Régie du bâtiment du Québec, particularly to avoid any problem due to vibrations. The customer retains ownership of the spool rack.

2.2.2 LOCATION

The spool rack may be attached to the exterior wall of a building or to a customer pole, service mast or other support structure. The master electrician shall ensure that the service loop is secured firmly to the building in a location not conducive to vibrations, and shall strengthen the structure, if necessary, at the customer's expense. The location must also allow the meter to be installed in a readily accessible place.

Pole Line Hardware

Machine Bolts



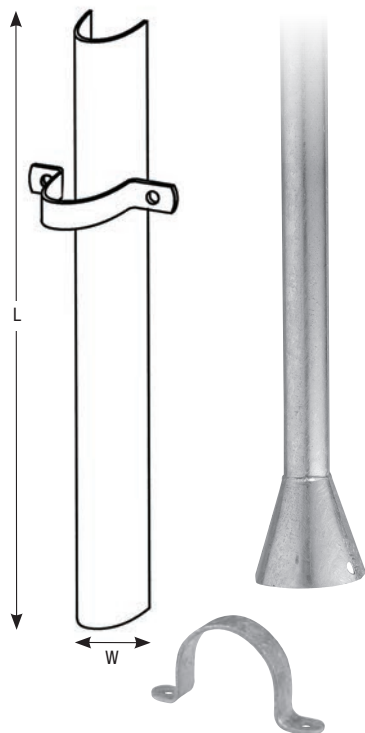
Cat. No.	F Diam. (po)	G Long. (po)	H Min. (po)	Weight (100 pcs)		Std. Pkg.
				lb.	kg	
BM506	5/8	6	1-1/2	70	31.8	25
BM508		8	4	86	39.0	50
BM510		10		102	46.3	
BM512		12	6	115	52.2	
BM514		14		130	59.0	
BM516		16		145	65.9	
BM518		18		160	72.7	
BM520		20		175	79.5	

Lag Screws



Cat. No.	F Diam. (po)	G Long. (po)	Weight (100 pcs)		Std. Pkg.
			lb.	kg	
T102L	1/4	2-1/2	3	1.3	100
T103		3	4	1.8	
T203	5/16		6	2.7	
T302	3/8	2	7	3.1	50
T303		3	10	4.5	25
T304		4	11	5.0	
T305		5	14	6.3	10
T306		6	17	7.7	
T308		8	22	10.0	50
T310		10	27	12.2	
T404-CM	1/2	4	22	10.0	25
T405		5	27	12.2	
T406		6	31	14.0	
T505	5/8	5	45	20.4	

Pole Line Hardware



“U” Cable Guards and Straps

Cat. No.	Width (in.)	Length (ft.)	Size	Weight (100 pcs)		Std. Pkg.
				lb.	kg	
Straight						
UG8114	1-1/4	8	—	760	345	5
UG8214	2-1/4			1300	590	
UG8314	3-1/4			2000	909	
Flared						
UGF8114	1-1/4	8	—	760	345	5
UGF8214	2-1/4			1300	590	
UGF8314	3-1/4			2000	909	
Strap						
SUG114	—	—	1-1/4	15	6.8	10
SUG214			2-1/4	24	11.0	
SUG314			3-1/4	60	27.0	

Hot dip galvanized 14 gauge steel. For nonmetallic version (PV-Mold™), refer to pp. D73–D77.

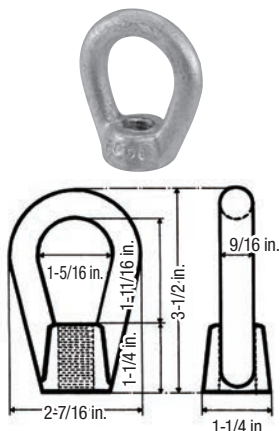
Guy Clamps

Cat. No.	Bolt		Length (in.)	Range (in.)	Weight (100 pcs)		Std. Pkg.
	Qty.	Size			lb.	kg	
GC902	2	1/2	3-1/4	1/4–7/16	130	59.0	50
GC904	3		5-7/8		224	101.3	
GC906	3	5/8	6	5/16–1/2	274	124.5	25

Eye Nut

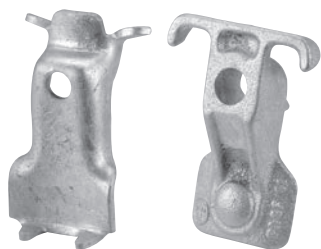
Cat. No.	Eye Dimensions (in.)	Weight (100 pcs)		Std. Pkg.
		lb.	kg	
K58	1-5/16 X 1-11/16	70	31.8	50

Drop forged, hot galvanized, tapped 5/8 in.



Pole Line Hardware

Guy Hooks

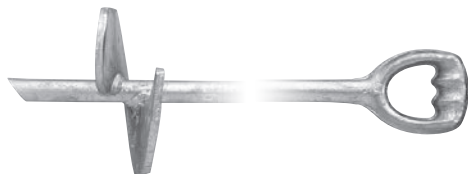


K133A

Cat. No.	Bolt Size (in.)	Weight (100 pcs)		Std. Pkg.
		lb.	kg	
CH912	5/8	90	40.9	50
K133A	5/8-3/4	118	53.6	25

CH912 Prevent the guy from slipping down, when the pole is guyed at a sharp angle.
Made of half oval steel, the round side serving as protection to the strands.
K133A Iron guy hook for use with 5/8 in. or 3/4 in. bolt. Equipped with teeth to imbed in the wood fibres.

Screw Anchor



TS346

Cat. No.	Rod Dia. (in.)	Length (ft.)	Plate Dia. (in.)	Weight (100 pcs)		Std. Pkg.
				lb.	kg	
TS346	3/4	5.6	6	1050	477.2	2

Installed by placing a rod into the heavy forged oval eye to screw the anchor into the ground.

Anchor Rods



AR586 - AR347

Cat. No.	Rod Dia. (in.)	Length (ft.)	Type	Weight (100 pcs)		Std. Pkg.
				lb.	kg	
AR586	5/8	6	Double thimble	750	340.9	5
AR347	3/4	7		1320	600.0	

Expanding Anchor

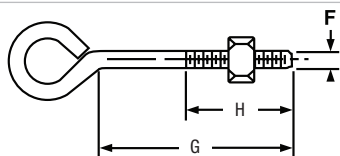


EA08

Cat. No.	Hole Size (in.) Required	Area (sq. in.)	Rod Dia. (in.)	Weight (100 pcs)		Std. Pkg.
				lb.	kg	
EA08	8	135	5/8 - 3/4	950	431.8	5

These heavy duty steel anchors have 8 blades that expand to form a square, with equalized load distribution all around the anchor.

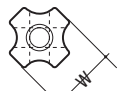
Pole Line Hardware



BO506-508-510-512

Oval Eye Bolt

Cat. No.	Description	F Dia. (in.)	G Length (in.)	H Min. (in.)	Weight (100 pcs)		Std. Pkg.
					lb.	kg	
BO506	Oval eye bolt	5/8	6	3	122	55.4	50
BO508			8	4	136	61.8	25
BO510			10		150	68.1	25
BO512			12		168	76.3	25



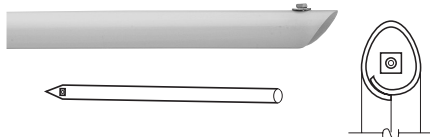
Note: Made of Porcelain



504WGS-506WGS

Guy Strain Insulator

Cat. No.	Length (ft.)	Dia. (in.)	Weight (100 pcs)		Std. Pkg.
			lb.	kg	
504WGS	4-1/4	2-7/8	1.0	0.45	1
506WGS	5-1/2	3-3/8			



2YG

Guy Wire Guard

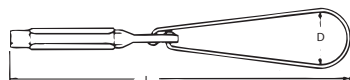
Cat. No.	Colour	Length (ft.)	Weight (100 pcs)		Std. Pkg.
			lb.	kg	
2YG	Yellow	6.7	3.35	1.46	10



"FC" Flexible Bail
(Bail Length – 11-1/2 in.)



Rigid Stainless Steel Bail
(Bail Length – 6-1/2 in.)



**W-1 Series aluminum
wedge and slider**

Type W – Aluminum Service Wedge Clamps for use with ACSR, Aluminum, AAAC Conductors

- For dead-ending self-supporting drop wire
- Saves conductor – drop wire may be cut to exact length
- Can be attached to bare neutral at any point in the span
- Adjustments in drop wire sag are easily made
- Grips ACSR, AAAC, or aluminum conductors

Cat. No.	Conductor Range			Dimensions (in.)		Typical Tensile Values	
	ACSR	AL	AAAC	D	L	Conductor	Value (lb.)
W62-1	2-6	1 str. – 6 sol.	2-6	2-3/8 flex.	12, 17-1/2	2 6 x 1 ACSR	1200
W62-1FC	2-6	1 str. – 6 sol.	2-6	2-3/8 flex.	12, 17-1/2	2 6 x 1 ACSR	1200
W20-1	1/0-4	2/0 str. – 2 sol.	1/0-4	2-3/8 flex.	12-1/2, 18-1/2	1/0 6 x 1 ACSR	1800
W20-1FC	1/0-4	2/0 str. – 2 sol.	1/0-4	2-3/8 flex.	12-1/2, 18-1/2	1/0 6 x 1 ACSR	1800
W40-1*	4/0-2/0	4/0 str. – 2 sol.	4/0-2/0	2-3/8 flex.	12-3/4, 18-1/2	4/0 6 x 1 ACSR	1900
W40-1FC*	4/0-2/0	4/0 str. – 2 sol.	4/0-2/0	2-3/8 flex.	12-3/4, 18-1/2	4/0 6 x 1 ACSR	1900

* W40 series clamps rated 850 lb. ultimate tension for 1/0 ACSR, AL, or AAAC.