

FORMED WIRE PRODUCTS

CAUTION:

The equipment covered in this catalog section should be installed, used, and serviced only by competent personnel familiar with and following good work and safety practices. This equipment is for use by such personnel and is not intended as a substitute for adequate training and experience in safe procedures for this type of equipment.

This catalog information and any related instruction sheets do not cover all details or situations in equipment use nor do they provide for every possible contingency to be encountered in relation to installation, operation or maintenance. Should additional information and details be desired, or if specific situations arise which are not covered adequately for the user's purpose, the specifics should be referred to Hubbell Power Systems, Inc.



NOTE: Because Hubbell has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.

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Adjust-A-Grip® Deadend Grips

• for structure attachment of guy strand*

Manufactured and/or for use under U.S. Patent 4,459,722 and South African Patent 83/3541.

Quick and easy to install. No special tools, eyes pins, thimbles, clevises, twisted-loop grips.

By design, each size is rated to hold more than the rated breaking strength of the guy strand it fits (see tables below).

Proper tensioning: With rod subsets unwrapped, wedge and socket assembly retains a substantial percentage of strand strength rating. For proper deadend performance, guy tension should be at least 5% of strength rating at time of structure erection and at least 10% after final tensioning.

For use on galvanized strand ASTM A475 or aluminum-coated strand per A474 and/or B416. See dimensions and hardware recommendations on page 15-3.

for Galvanized-Steel Strands per ASTM A475

Catalog Number	Strand Size	Strength Rating, lb.	Color Code	Weight per 100, lb.
12GA0	1/2" Dia. 7 or 19W	26,900	Blue	675
916GA0	9/16" Dia. 7 or 19W	35,000	Yellow	675
58GA0	5/8" Dia. 7 or 19W	42,400	Black	413
34GA0	3/4" Dia. 19W	58,300	Red	588
78GA0	7/8" Dia. 19W	79,700	Green	1,550
1GA0	1" Dia. 19 or 37W	104,500	Blue	2,300

LEFT-HAND LAY STANDARD

for Aluminum-coated Strands per ASTM A474 or B416

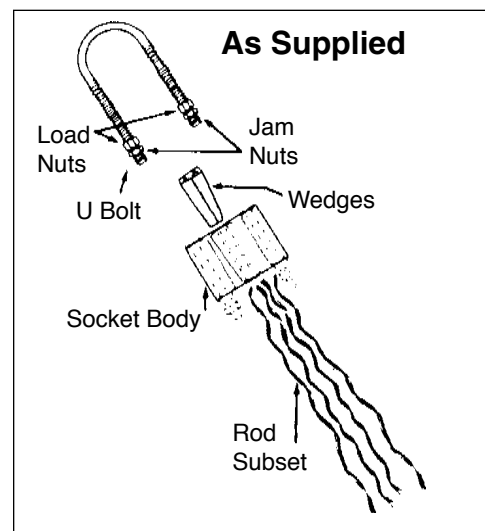
572AWA0	0.572" Dia. 19-No. 9	34,290	Yellow	650
642AWA0	0.642" Dia. 19-No. 8	43,240	Black	413
717AWA0	0.713" Dia., 37-No. 10	52,950	Red	575
	0.721" Dia., 19-No. 7	51,730		
805AWA0	0.801" Dia. 37-No. 9	66,770	Green	1,500
	0.810" Dia. 19-No. 6	61,700		
905AWA0	0.899" Dia. 37-No. 8	84,200	Blue	2,200
	0.910" Dia. 19-No. 5	73,350		
1010AWA0	1.010" Dia. 37-No. 7	100,700	Orange	2,300
1130AWA0	1.130" Dia. 37-No. 6	120,200	Yellow	3,650
1270AWA0	1.270" Dia., 37-No. 5	142,900	Black	7,800

LEFT-HAND LAY STANDARD



These "zero-adjust" Adjust-A-Grip deadend grips apply at the structure end of guy strands.

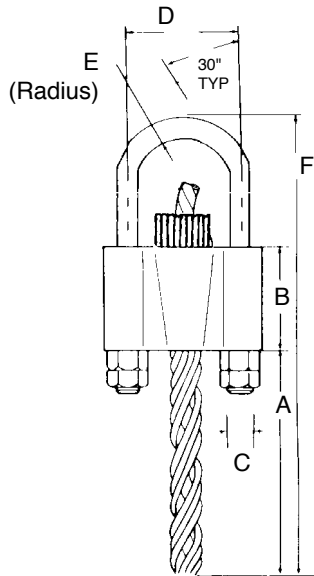
*See page 15-4 for adjustable (18" of U-bolt adjustment) Adjust-A-Grip deadend grips to apply at the anchor end on same guy strand sizes.



Adjust-A-Grip® Deadend Grips

• Non-Adjustable Type, for Structure End of Guy Strand

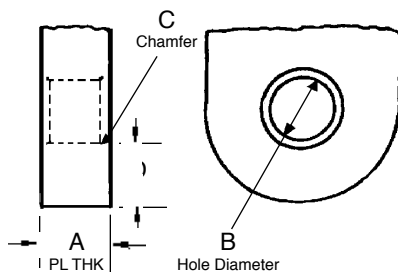
See page 15-2 for Ordering Information.



DIMENSIONAL DATA

Catalog No.	Dimension					
	A	B	C	D	E	F
12GA0	27"	3 1/4"	5/8"	3 1/4"	3/4"	34"
916GA0	28"	3 1/4"	5/8"	3 1/4"	3/4"	35"
58GA0	31 1/2"	3 1/2"	3/4"	3 1/2"	1 1/4"	39"
34GA0	36"	4"	7/8"	4"	1 1/4"	45"
78GA0	36 1/2"	4 1/2"	1"	4 1/2"	1 1/2"	46"
1GA0	45"	5"	1 1/8"	5 3/8"	1 1/2"	56"
572AWA0	27"	3 1/4"	5/8"	3 1/4"	3/4"	34"
642AWA0	28 1/2"	3 1/2"	3/4"	3 1/2"	1 1/4"	36"
717AWA0	33"	4"	7/8"	4"	1 1/4"	42"
805AWA0	36 1/2"	4 1/2"	1"	4 1/2"	1 1/2"	46"
905AWA0	41"	5"	1 1/8"	5 3/8"	1 1/2"	52"
1010AWA0	45"	5"	1 1/8"	5 3/8"	1 1/2"	56"
1130AWA0	48 1/2"	5 1/2"	1 1/4"	5 3/8"	2"	61"
1270AWA0	53 1/2"	6 1/2"	1 3/8"	7 7/8"	2"	67"

Detail of Steel Plate at Structure End:



HARDWARE RECOMMENDATIONS

Installation on Plate

Recommended distances at left, below, ensure that interference cannot occur between Adjust-A-Grip deadend grip U-bolt and the attachment plate.

Installation on Shackle

If Adjust-A-Grip deadend grips are installed on a pin, as in a shackle, the minimum pin diameters are as follow:

ADJUST-A-GRIP DEADEND SIZES	U-BOLT DIAMETER	RECOMMENDED PLATE DIMENSIONS				MINIMUM PIN DIA.
		A	B	C	D	
12GA0, 916GA0, 572AWA0	5/8"	1 1/16"	1"	1/8" x 45°	1"	7/8"
58GA0, 642AWA0	3/4"	1 1/8"	1 1/4"	1/8" x 45°	1 1/8"	7/8"
34GA0, 717AWA0	7/8"	1 3/8"	1 1/2"	1/8" x 45°	1 1/4"	1 1/8"
78GA0, 805AWA0	1"	1 5/8"	1 1/2"	3/16" x 45°	1 1/4"	1 1/8"
1GA0, 905AWA0, 1010AWA0	1 1/8"	1 7/8"	1 3/4"	1/4" x 45°	1 5/8"	1 3/8"
1130AWA0	1 1/4"	2 1/8"	1 3/4"	1/4" x 45°	1 7/8"	1 1/2"
1270AWA0	1 3/8"	2 1/4"	2 7/8"	5/16" x 45°	2"	1 3/4"

For unusual applications or requirements, consult Hubbell Power Systems, Inc.

Adjust-A-Grip® Deadend Grips

• for anchor attachment of guy strand*

Manufactured and/or for use under U.S. Patent 4,459,722 and South African Patent 83/3541.

Quick and easy to install. No special tools, eyes pins, thimbles. Retensioning up to 18 inches at ground level without removal.

By design, each size is rated to hold more than the rated breaking strength of the guy strand it fits (see tables below).

Vandal resistant: With rod subsets unwrapped, wedge and socket assembly retains a substantial percentage of strand strength rating. For proper deadend performance, guy tension should be at least 5% of strength rating at time of structure erection and at least 10% after final tensioning.

For use on galvanized strand made per ASTM A475 or aluminum-coated strand per A474 and/or B416. See dimensions and hardware recommendations on page 15-5.

†Serving sleeves are required on adjustable Adjust-A-Grip deadend grips when used on structures of 200 ft. and taller. Contact Customer Service for ordering information.

for Galvanized-Steel Strands per ASTM A475

†Catalog Number	Strand Size	Strength Rating, lb.	U-Bolt Adjustment	Color Code	Weight per 100, lb.
12GA18	1/2" Dia. 7 or 19W	26,900	18"	Blue	1,000
916GA18	9/16" Dia. 7 or 19W	35,000	18"	Yellow	1,025
58GA18	5/8" Dia. 7 or 19W	42,400	18"	Black	663
34GA18	3/4" Dia. 19W	58,300	18"	Red	938
78GA18	7/8" Dia. 19W	79,700	18"	Green	2,450
1GA18	1" Dia. 19 or 37W	104,500	18"	Blue	3,450

LEFT-HAND LAY STANDARD

†To order the above Adjust-A-Grips with serving sleeve included, add the suffix "S" to the catalog number (i.e.: 12GA18S).

for Aluminum-coated Strands per ASTM A474 or B416

572AWA18	0.572" Dia. 19-No. 9	34,290	18"	Yellow	1,000
642AWA18	0.642" Dia. 19-No. 8	43,240	18"	Black	663
717AWA18	0.713" Dia. 37-No. 10	52,950	18"	Red	925
	0.721" Dia. 19-No. 7	51,730			
805AWA18	0.801" Dia. 37-No. 9	66,770	18"	Green	2,400
	0.810" Dia. 19-No. 6	61,700			
905AWA18	0.899" Dia. 37-No. 8	84,200	18"	Blue	3,400
	0.910" Dia. 19-No. 5	73,350			
1010AWA18	1.010" Dia. 37-No. 7	100,700	18"	Orange	3,500
1130AWA18	1.130" Dia. 37-No. 6	120,200	18"	Yellow	4,950
1270AWA18	1.270" Dia. 37-No. 5	142,900	18"	Black	10,000

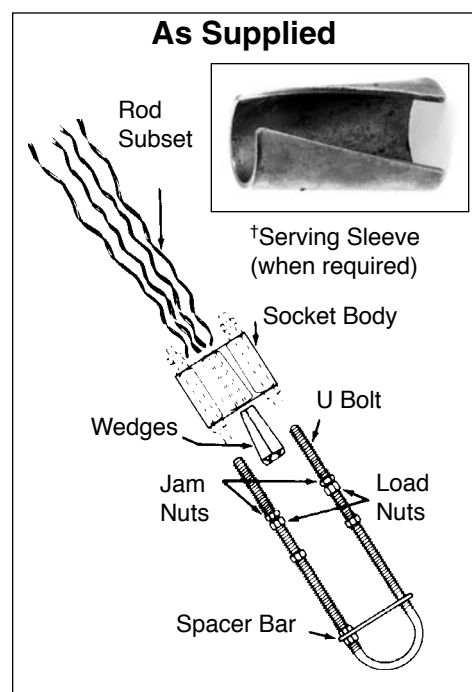
LEFT-HAND LAY STANDARD

†To order the above Adjust-A-Grips with serving sleeve included, add the suffix "S" to the catalog number (i.e.: 572AWA18S).



With 18" of adjustment, these Adjust-A-Grip deadend grips apply at the anchor end of guy strands.

See page 15-2 for "zero-adjust" Adjust-A-Grip deadend grips to apply at structure end on same guy strand sizes.

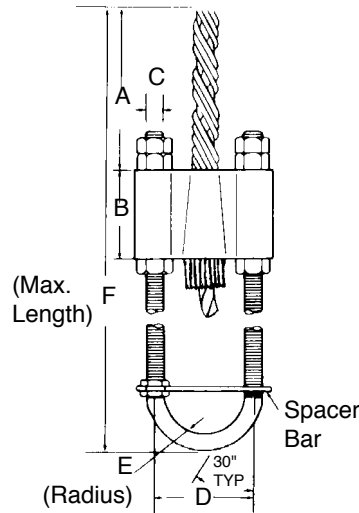


Adjust-A-Grip[®] Deadend Grips

• Adjustable Type, for Anchor End of Guy Strand

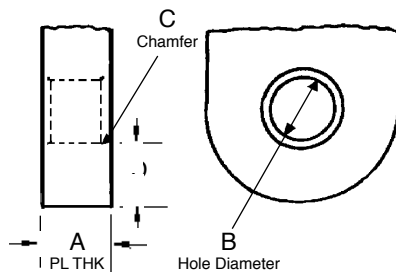
See page 15-4 for Ordering Information.

DIMENSIONAL DATA



Catalog No.	Dimension						Serving Sleeve Catalog No.
	A	B	C	D	E	F	
12GA18	27"	3 1/4"	5/8"	3 1/4"	3/4"	51"	GA1
916GA18	28"	3 1/4"	5/8"	3 1/4"	3/4"	52"	GA1
58GA18	31 1/2"	3 1/2"	3/4"	3 1/2"	1 1/4"	56"	GA2
34GA18	36"	4"	7/8"	4"	1 1/4"	62"	GA2
78GA18	36 1/2"	4 1/2"	1"	4 1/2"	1 1/2"	63"	GA3
1GA18	45"	5"	1 1/8"	5 3/8"	1 1/2"	73"	GA4
572AWA18	27"	3 1/4"	5/8"	3 1/4"	3/4"	51"	GA1
642AWA18	28 1/2"	3 1/2"	3/4"	3 1/2"	1 1/4"	53"	GA2
717AWA18	33"	4"	7/8"	4"	1 1/4"	59"	GA3
805AWA18	36 1/2"	4 1/2"	1"	4 1/2"	1 1/2"	63"	GA3
905AWA18	41"	5"	1 1/8"	5 3/8"	1 1/2"	69"	GA4
1010AWA18	45"	5"	1 1/8"	5 3/8"	1 1/2"	73"	GA4
1130AWA18	48 1/2"	5 1/2"	1 1/4"	5 3/8"	2"	78"	GA5
1270AWA18	53 1/2"	6 1/2"	1 3/8"	7 7/8"	2"	84"	GA5

Detail of Steel Plate at Structure End:



HARDWARE RECOMMENDATIONS

Installation on Plate

Recommended distances at left, below, ensure that interference cannot occur between Adjust-A-Grip deadend grip U-bolt and the attachment plate.

Installation on Shackle

If Adjust-A-Grip deadend grips are installed on a pin, as in a shackle, the minimum pin diameters are as follow:

ADJUST-A-GRIP DEADEND GRIP SIZES	U-BOLT DIAMETER	RECOMMENDED PLATE DIMENSIONS				MINIMUM PIN DIA.
		A	B	C	D	
12GA18, 916GA18, 572AWA18	5/8"	1 1/16"	1"	1/8" x 45°	1"	7/8"
58GA18, 642AWA18	3/4"	1 1/8"	1 1/4"	1/8" x 45°	1 1/8"	7/8"
34GA18, 717AWA18	7/8"	1 3/8"	1 1/2"	1/8" x 45°	1 1/4"	1 1/8"
78GA18, 805AWA18	1"	1 5/8"	1 1/2"	3/16" x 45°	1 1/4"	1 1/8"
1GA18, 905AWA18, 1010AWA18	1 1/8"	1 7/8"	1 3/4"	1/4" x 45°	1 5/8"	1 3/8"
1130AWA18	1 1/4"	2 1/8"	1 3/4"	1/4" x 45°	1 7/8"	1 1/2"
1270AWA18	1 3/8"	2 1/4"	2 7/8"	5/16" x 45°	2"	1 3/4"

For unusual applications or requirements, consult Hubbell Power Systems, Inc.

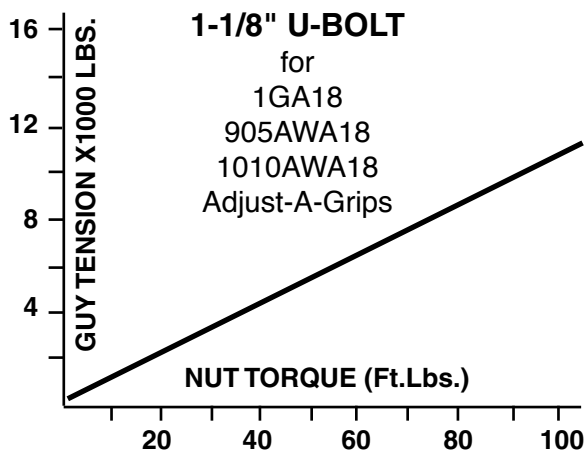
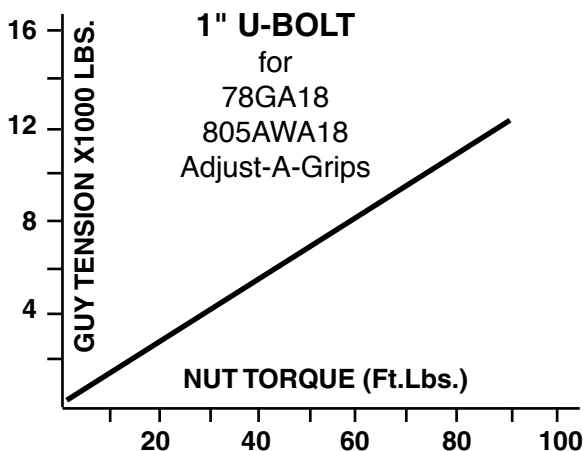
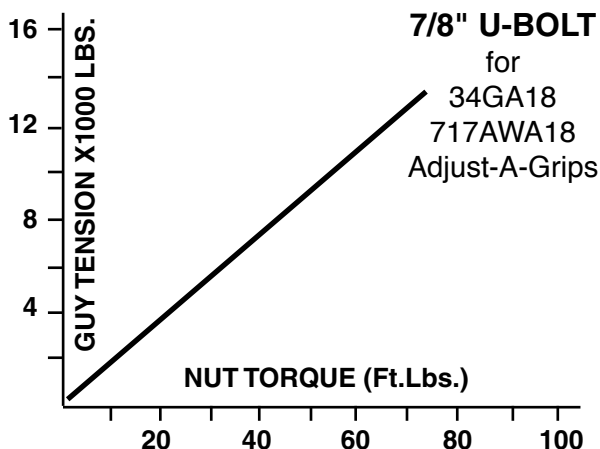
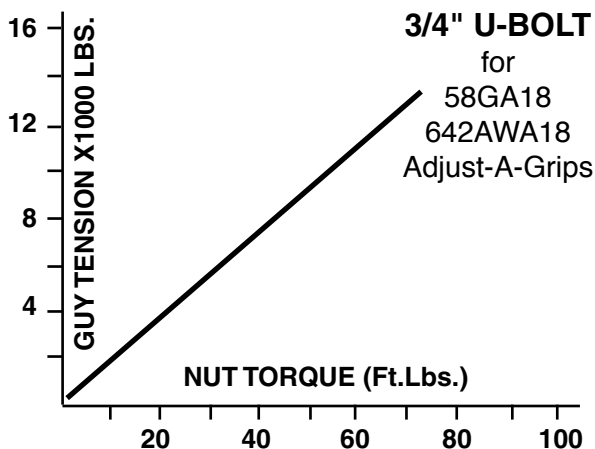
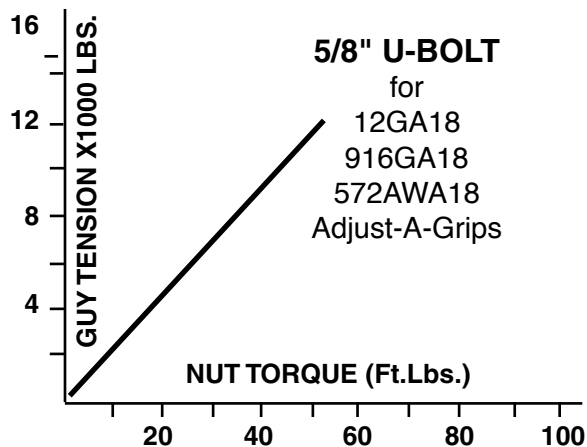
ADJUST-A-GRIP® DEADENDS

for structure attachment of guy strand

Measuring Guy Tension To Load-Nut Torque

Guy tensions may be closely approximated by measuring the torque on the U-Bolt load nuts. For accurate results, the U-Bolt thread and nut must be lubricated with an anti-seize compound, (a commercially available one is called, "Never-Seez").

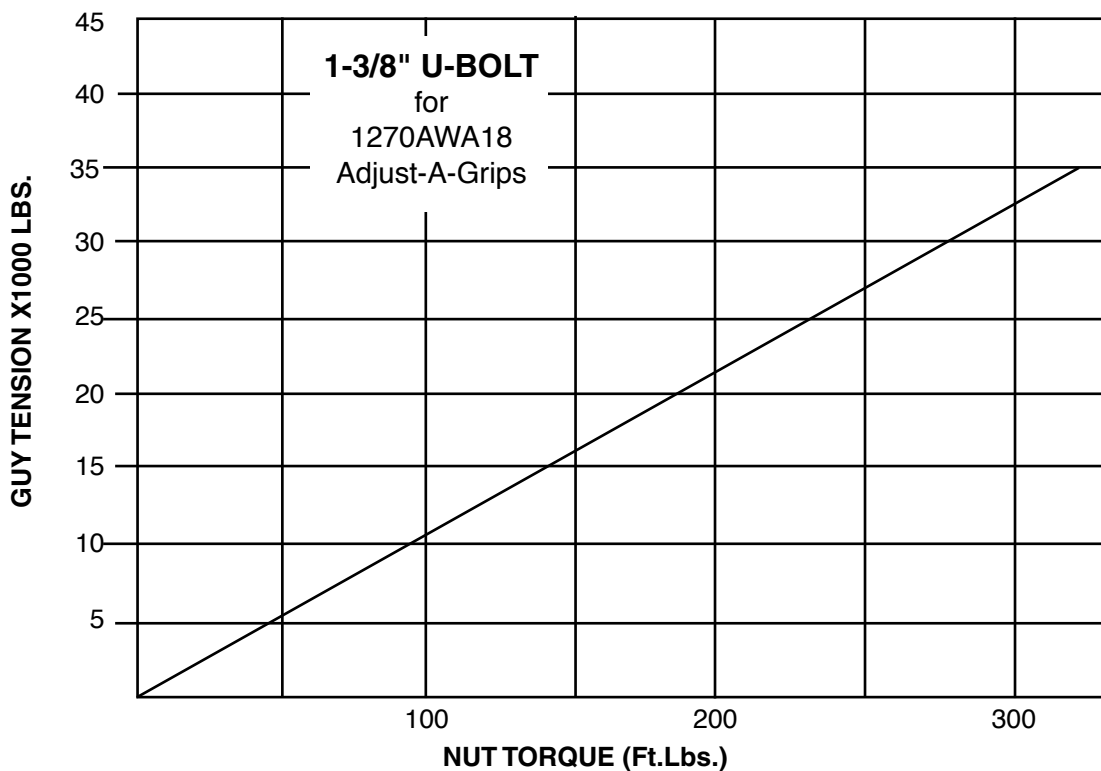
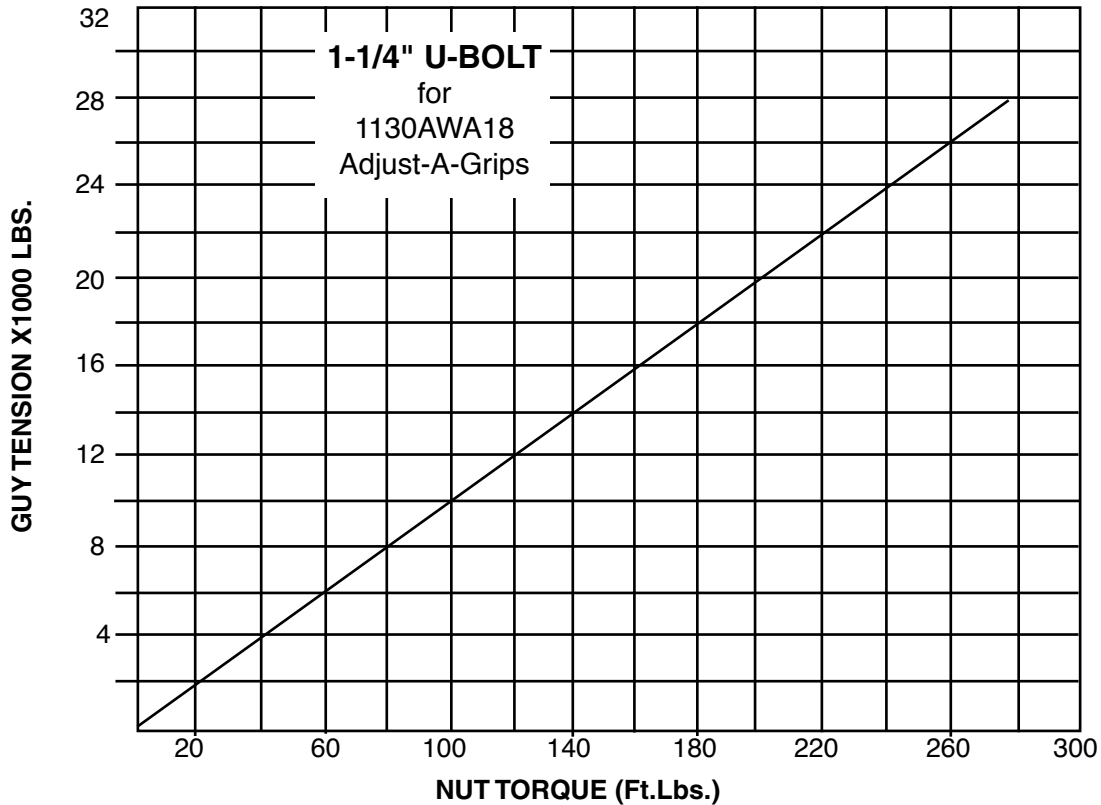
To use these charts, go first to the correct bolt size chart then select the desired tension on the vertical scale and move across the chart to the intersect line, read the torque required from the horizontal scale.



ADJUST-A-GRIP[®] DEADENDS

for structure attachment of guy strand

Measuring Guy Tension To Load-Nut Torque

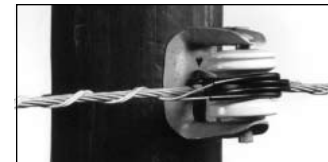
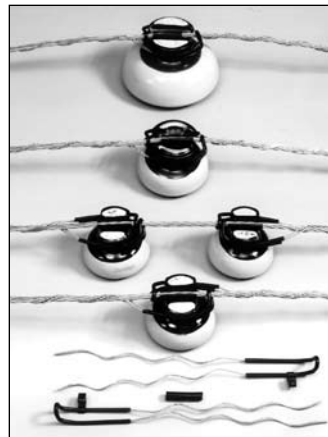


SUPER TOP-TIE® Line Ties

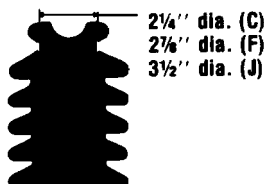
• for Pin, Post and Spool Insulators

Made of aluminum-clad steel compatible with aluminum, aluminum-alloy and ACSR conductors in the top grooves of vertical-mounted *ANSI Class C, F, J and many non-standard pin and post insulators (single- or double-support) or on *ANSI 53-2 spool insulators (horizontal or vertical).

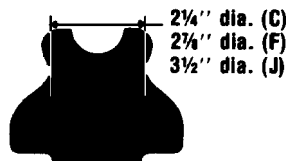
High-density polyethylene hooks provide the wide application range and ensure proper installation. If used over armor rods (not required), select tie size based on total conductor/armor diameter. Semiconductive-rubber pad and high-density-polyethylene on loops protect against abrasion of insulator, conductor and tie. Fit is resilient and provides superior performance under galloping and aeolian vibration. Install by hand or with hot-line tools.



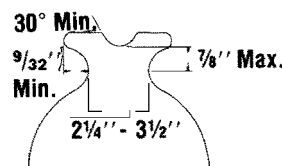
Manufactured and/or for use under U.S. Patent 4,015,073.



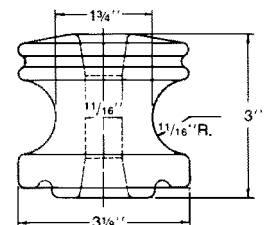
**POST
INSULATOR**



**PIN
INSULATOR**



**NON-STANDARD
INSULATOR**



**ANSI 53-2
SPOOL**

*Super Top-Tie STT10 — STT130 also fit many foreign or reclaimed pin and post insulators with neck sizes 2 1/4" - 3 1/2".
Consult Hubbell Power Systems, Inc. for use on pins and posts outside these dimensions.

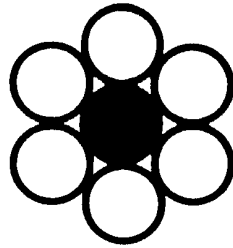
ORDERING INFORMATION

Catalog Number	Aluminum-Type Conductors, Typical Sizes				Color Code	Std. Pkg.	Wt. Per 100, Lb.
	AAC (All-Aluminum)	AAAC (Alum.-Alloy)	ACSR	Diameter Range			
STT10	#6, 7W	#6, 7W	#6, 6/1	.184-.220" (4.67-5.59 mm)	None	50	28
STT20	#4, 7W	#4, 7W	#4, 6/1	.221-.257" (5.61-6.53 mm)	Orange	50	28
STT30	#3, 7W	#3, 7W	#3, 6/1	.258-.289" (6.55-7.34 mm)	Purple	50	28
STT40	#2, 7W	#2, 7W	#2, 6/1	.290-.325" (7.37-8.26 mm)	Red	50	28
STT50	#1, 7W	#1, 7W	#1, 6/1	.326-.360" (8.28-9.14 mm)	Gray	50	28
STT60	1/0, 7W	1/0, 7W	1/0, 6/1	.361-.409" (9.17-10.39 mm)	Yellow	50	32
STT70	2/0, 7W	2/0, 7W	2/0, 6/1	.410-.460" (10.41-11.68 mm)	Blue	50	32
STT80	3/0, 7W	3/0, 7W	3/0, 6/1	.461-.516" (11.71-13.11 mm)	Black	50	32
STT90	4/0, 7W	4/0, 7W	4/0, 6/1	.517-.584" (13.13-14.83 mm)	Pink	50	32
STT100	266.8, 19W	266.8, 19W	266.8, 18/1	.585-.664" (14.86-16.87 mm)	Green	50	32
STT110	336.4, 19W	336.4, 19W	336.4, 18/1	.665-.755" (16.89-19.18 mm)	Brown	50	40
STT120	477, 19W	477, 19W	477, 18/1	.756-.859" (19.20-21.82 mm)	Violet	50	40
STT130	636, 37W	556.5, 19W	556.5, 18/1	.860-.977" (21.84-24.82 mm)	Gold	50	40

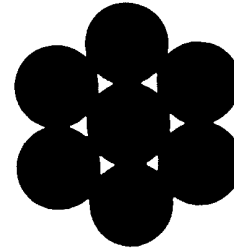
LEFT-HAND LAY STANDARD

- Applied Length: 29" - 48" (Depends on insulator make and conductor size).
- Strength: Exceeds Rule 261E.2(A) of National Electrical Safety Code.
- RUS accepted.
- To obtain outside diameters of conductors, consult Conductor Chart.

Conductor & Strand Reference Tables



**BARE CONDUCTORS
AWG OR MCM SIZES**



STRAND

BARE CONDUCTORS AWG OR MCM SIZES

Cond. Dia. (Inches)	ACSR	All Alum.	Alum. Alloy (5005-6201)	Compacted		AWAC®	Copper	Copperweld® Copper Comp.
				ACSR	All Alum.			
.162		#6, Solid					#6, Solid	
.169					#6, 7W			
.174								9½ D
.179								8C
.182		#5, Solid		#6, 6/1			#5, Solid	
.184		#6, 7W					#6, 7W	
.198	#6, 6/1		#6, 7W					
.199								8A
.201			#6, 3W					
.202							#6, 3W	
.204		#4, Solid					#4, Solid	
.206							#5, 7W	
.213					#4, 7W			
.219								8D
.223	#5, 6/1							7A
.225								6C
.226							#5, 3W	
.229		#3, Solid		#4, 6/1			#3, Solid	
.230								6A
.232		#4, 7W					#4, 7W	
.236				#4, 7/1				
.245						#4, 6/1		
.246								7D
.250	#4, 6/1		#4, 7W					
.257	#4, 7/1							
.258		#2, Solid		#3, 6/1			#2, Solid	5A
.260		#3, 7W					#3, 7W	
.261						#4, 5/2		
.268					#2, 7W			
.276								6D
.279			#3, 7W					
.281	#3, 6/1					#4, 4/3		
.286							#3, 3W	
.289		#1, Solid					#1, Solid	
.290				#2, 6/1				4A
.292		#2, 7W					#2, 7W	
.298				#2, 7/1				
.301					#1, 7W			

Cond. Dia. (Inches)	ACSR	All Alum.	Alum. Alloy (5005-6201)	Compacted		AWAC®	Copper	Copperweld® Copper Comp.
				ACSR	All Alum.			
.307							#4, 3/4	
.308								2F
.309							#2, 6/1	
.310								5D
.316	#2, 6/1		#2, 7W					
.320							#2, 3W	
.325	#2, 7/1						1/0, Solid	
.326				#1, 6/1				5P
.327								2G
.328		#1, 7W					#1, 7W	4N
.330						#2, 5/2		
.332		#1, 19W					#1, 19W	
.338					1/0, 7W			
.340					1/0, 19W	#4, 2/5		
.346								1F
.348								4D
.349								2J
.352			#1, 7W					
.355	#1, 6/1					#2, 4/3		
.360							#1, 3W	
.365				1/0, 6/1			2/0, Solid	
.366								2A, 4P
.367	80, 8/1							1G
.368		1/0, 7W					1/0, 7W	3N
.372							1/0, 19W	
.373		1/0, 19W						
.377								2K
.381					2/0, 7W			
.382					2/0, 19W			
.386						#2, 3/4		
.388								1/0 F
.390						1/0, 6/1	1/0, 12W	
.392								1J
.393	1/0, 5/1							
.398	1/0, 6/1		1/0, 7W					
.410				2/0, 6/1				
.422								3P
.412								1/0 G

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Data contained in these tables was taken from the latest available conductor or strand manufacturer's literature. Although care was taken to insure accuracy, no warranty is offered by Hubbell as to the measurements given.

BARE CONDUCTORS AWG OR MCM SIZES

Cond. Dia. (Inches)	ACSR	All Alum.	Alum. Alloy (5005-6201)	Compacted		AWAC*	Copper	Copper-weld* Copper Comp.
				ACSR	All Alum.			
.413								2N
.414		2/0, 7W					2/0, 7W	
.416						1/0, 5/2		
.419		2/0, 19W					2/0, 19W	
.423								1K
.426					3/0, 7W			
.428					3/0, 19W			
.429					#2, 2/5			
.434					#1, 3/4			
.436								2/0 F
.438						2/0, 6/1	2/0, 12W	
.440								1/0 J
.447	2/0, 6/1		2/0, 7W			1/0, 4/3		
.460	2/0, 7/1							
.461	101.8 12/7			3/0, 6/1				
.462								2P
.463								2/0 G
.464		3/0, 7W					3/0, 7W	1N
.467						2/0, 5/2		
.470		3/0, 19W					3/0, 19W	
.475								1/0 K
.480					4/0, 7W			
.481	110.8 12/7				4/0, 19W			
.487						1/0, 3/4		
.492		3/0, 12W					3/0, 12W	
.494								2/0 J
.502	3/0, 6/1		3/0, 7W			2/0, 4/3		
.517				4/0, 6/1				
.522		4/0, 7W					4/0, 7W	
.523					250, 19W			
.528		4/0, 19W					4/0, 19W	
.530	134.6 12/7							
.534								2/0 K
.537					266.8, 7W			
.540					266.8, 19W			
.541						1/0, 2/5		
.542	4/0, 18/1							
.550								4/0 F
.552		4/0, 12W				4/0, 6/1	4/0, 12W	
.556	4/0, 5/1							
.559					266.8, 18/1			
.563	4/0, 6/1		4/0, 7W					
.565								

Cond. Dia. (Inches)	ACSR	All Alum.	Alum. Alloy (5005-6201)	Compacted		AWAC*	Copper	Copper-weld* Copper Comp.
				ACSR	All Alum.			
.571								4/0 EK
.573					300, 19W			
.574		250, 19W					250, 19W	
.575		250, 37W				4/0, 15/4	250, 37W	
.576	159, 12/7							
.583								4/0 G
.584	203, 8/7							
.586		266.8 7W						
.593		266.8 19W		300 18/1				
.594		266.8 37W						
.600							250, 12W	
.603					336.4 7W			
.607	176.9 12/7				336.4 19W			
.607	219.9 8/7							
.609	266.8 18/1							
.613								4/0 E
.618					350, 19W			
.621								250 EK
.628		300, 19W		336.4 18/1			300, 19W	
.630		300, 37W					300, 37W	
.631	190.8 12/7							
.633	266.8 6/7							
.642	266.8 26/7		266.8 19W					
.646	300, 18/1							
.657							300, 12W	
.660					397.5 19W			
.664	211.3 12/7							
.666		336.4 19W						250 E
.668		336.4 37W						
.677	336.4 36/1							
.678							350, 19W	

BARE CONDUCTORS AWG OR MCM SIZES

Cond. Dia. (Inches)	ACSR	All Alum.	Alum. Alloy (5005-6201)	Compacted		AWAC*	Copper	Copper-weld® Copper Comp.
				ACSR	All Alum.			
.679		350,19W				336.4 18/1		
.680	300,26/7							300 EK
.681		350,37W					350,37W	
.682				397.5 18/1				
.684	336.4 18/1							
.700	300,30/7							
.709						336.4 16/3		
.710							350,12W	
.714	203.2 16/19							
.721	336.4 26/7							
.722					477,19W			
.724		397.5 19W						
.725						336.4 15/4		
.726		400,19W					400,19W	
.728		400,37W					400,37W	
.729								300 E
.735								350 EK
.736	397.5 36/1							
.739					500,19W			
.741	336.4 30/7							
.742				477,18/1				
.743	397.5 18/1							
.770		450,19W					450,19W	
.772	397.5 24/7	450, 37W					450,37W	
.780					556,19W			
.782			397.5 19W					
.783	397.5 26/7							
.788								350 E
.793		477,19W						
.795		477,37W						
.801				566.5 18/1				
.806	477 36/1							

Cond. Dia. (Inches)	ACSR	All Alum.	Alum. Alloy (5005-6201)	Compacted		AWAC*	Copper	Copper-weld® Copper Comp.
				ACSR	All Alum.			
.806	397.5 30/7							
.811		500,19W					500,19W	
.813		500,37W					500,37W	
.814	477,18/1							
.834					636,19W			
.846	477,24/7							
.853		550,37W					550,37W	
.855		550,61W					550,61W	
.856		556.5 19W						
.858	477,26/7	556.5 37W	477, 19W					
.860		556.5 61W						
.862				636,18/1				
.870	556.5 36/1							
.879	556.5 18/1							
.883	477,30/7							
.891		600,37W					600,37W	
.893		600,61W					600,61W	
.904	500,30/7							
.907	605,36/1							
.914	556.5 24/7							
.918		636,37W						
.919		636,61W						
.927	556.5 26/7		556.5 19W					
.928		650,37W					650,37W	
.929		650,61W					650,61W	
.930	636,36/1							
.932				795,36/1	795,19W			
.940	636,18/1							
.953	556.5 30/7							
.953	605,24/7							
.953	605,54/7							
.953	666.6 36/1							
.962		700,37W					700,37W	
.964		700,61W					700,61W	
.966	605,26/7							
.974		715.5 37W						
.975		715.5 61W						

BARE CONDUCTORS AWG OR MCM SIZES

Cond. Dia. (Inches)	ACSR	All Alum.	Alum. Alloy (5005-6201)	Compacted		AWAC®	Copper	Copper-weld® Copper Comp.
				ACSR	All Alum.			
.977	636,24/7							
.977	636,54/7							
.981					874.5 37W			
.987	715.5 36/1							
.990	636,26/7		636,37W					
.994	605 30/19			874.5 36/1				
.997		750,37W					750,37W	
.998		750,61W					750,61W	
1.000	666.6 24/7							
1.000	666.6 54/7							
1.019	636 30/19							
1.024					954,37W			
1.026		795,37W						
1.028		795,61W						
1.029		800,37W					800,37W	
1.031		800,61W					800,61W	
1.036	715.5 24/7							
1.039				954,36/1				
1.040	795 36/1							
1.051	715.5 26/7							
1.061							900,37W	
1.062							900,61W	
1.063	795,45/7							
1.077		874.5 37W						
1.078		874.5 61W						
1.081	715.5 30/19							
1.091	874.5 36/1							
1.092	795,24/7	900,37W					900,37W	
1.093	795,54/7							
1.094		900,61W					900,61W	
1.108	795,26/7		795,37W					
1.111								
1.124		954,37W						
1.126		954,61W						
1.131	900 45/7							

Cond. Dia. (Inches)	ACSR	All Alum.	Alum. Alloy (5005-6201)	Compacted		AWAC®	Copper	Copper-weld® Copper Comp.
				ACSR	All Alum.			
1.140	795 30/19							
1.140	954 36/1							
1.146	874.5 24/7				636,19W			
1.146	874.5 54/7							
1.151		1000 37W					1000 37W	
1.152		1000 61W					1000 61W	
1.162	900 54/7							
1.165	954 45/7							
1.170		1033.5 37W						
1.172		1033.5 61W						
1.175	954 48/7							
1.186	1033.5 36/1							
1.196	954 54/7							
1.213	1033.5 45/7							
1.216		1113 61W						
1.218			954 37W					
1.246	1033.5 54/7							
1.258		1192.5 61W			795,19W			
1.259	1113 45/7							
1.269			1033.5 61W					
1.288				1468 36/1				
1.293	1113 54/19							
1.300		1272 61W						
1.302	1192.5 45/7							

BARE CONDUCTORS AWG OR MCM SIZES

Cond. Dia. (Inch- es)	ACSR		Alum. Alloy (5005- 6201)	Compacted		AWAC*	Copper	Copper- weld [®] Copper Comp.
				ACSR	All Alum.			
1.333	1192.5 54/19							
1.340								
1.345	1272 45/7							
1.379								
1.382	1272 54/19						1000 37W	
1.385	1351.5 45/7						1000 61W	
1.417								
1.424	1351.5 54/19							
1.427	1431 45/7							
1.443								
1.454								
1.465	1431 54/19							
1.466	1510.5 45/7							
1.504	1590 45/7							
1.506	1510.5 54/19							
1.545	1590 54/19		954 37W					
1.602	1780 84/19							
1.630								
1.737	2167 72/7							
1.762	2156 84/19		1033.5 61W					
1.823				1468 36/1				
1.196								
2.158								

STRAND

Strand Dia. (Inch- es)	Galvanized Steel				Copper- weld®	Alumoweld®	Alumi- nized	Stain- less
	Sie- mens Martin	High Strength	Extra High Strength	Utilities Grade				
.123	1/8" 7W	1/8" 7W	1/8" 7W					
.156	5/32" 7W	5/32" 7W	5/32" 7W					
.164					2.2M			
.174					3#12	3#12		
.186	3/16", 7W (.062")	3/16", 7W (.062")	3/16", 7W (.062")				3/16", 7W (.062")	
.195				3/16", 7W (.065")			3/16", 7W (.065")	
.209					4M			
.216	7/32" 7W	7/32" 7W	7/32" 7W				7/32" 7W	7/32" 7W
.220					3#10	3#10 4M		
.224								7/32" 3W
.237					6M			
.240	1/4" 7W	1/4" 7W	1/4" 7W				1/4" 7W	
.242						6M		
.247					3#9	3#9		
.249								1/4" 7W
.258					6M3			
.259				1/4" 3W			1/4" 3W	1/4" 3W
.272						8M		
.276					8M			
.277					3#8	3#8		
.279	9/32" 7W	9/32" 7W	9/32" 7W	9/32" 7W			9/32" 7W	9/32" 7W
.303					10M			
.306					7#10	10M 7#10		
.311					3#7	3#7		
.312				5/16", 3W			5/16", 3W	5/16", 3W
.312	5/16", 7W (.104")	5/16", 7W (.104")	5/16", 7W (.104")				5/16", 7W (.104")	5/16", 7W
.327				5/16", 7W (.109")			5/16", 7W (.109")	
.343					11/32" 7#9	7#9		
.343						12.5M		
.345					12.5M			
.349					3#6	3#6		
.356				3/8" 3W (.355")			3/8" 3W	3/8" 3W
.360	3/8" 7W	3/8" 7W	3/8" 7W	3/8" 7W	14M		3/8" 7W	3/8" 7W
.363						14M		
.375								3/8" 19W
.385					3/8", 7#8	7#8		

Strand Dia. (Inch- es)	Galvanized Steel				Copper- weld®	Alumoweld®	Alumi- nized	Stain- less
	Sie- mens Martin	High Strength	Extra High Strength	Utilities Grade				
.386					16M	16M		
.392					3#5	3#5		
.414					18M			
.417						18M		
.433					7/16", 7#7	7#7		
.435	7/16", 7W	7/16", 7W	7/16", 7W	7/16", 7W			7/16", 7W	7/16", 7W
.438					20M			
.444						20M		
.486					1/2", 7#6	7#6		
.495	1/2" 7W	1/2" 7W	1/2" 7W	1/2" 7W			1/2" 7W	1/2" 7W
.500	1/2" 19W	1/2" 19W	1/2" 19W				1/2" 19W	1/2" 19W
.509						19#10		
.519						25M		
.525					25M			
.546					9/16", 7#5	7#5		
.564	9/16" 7W	9/16" 7W	9/16" 7W					
.565	9/16" 19W	9/16" 19W	9/16" 19W					
.572					9/16" 19#9	19#9		
.613					5/8" 7#4	7#4		
.621	5/8" 7W	5/8" 7W	5/8" 7W					
.625	5/8" 19W	5/8" 19W	5/8" 19W					
.642					21/32" 19#8	19#8		
.713					37#10	37#10		
.721					23/32" 19#7	19#7		
.750	3/4" 19W	3/4" 19W	3/4" 19W					
.801					37#9	37#9		
.810					13/16" 19#6	19#6		
.885	7/8" 19W	7/8" 19W	7/8" 19W					
.899					37#8	37#8		
.910					7/8" 19#5	19#5		
1.000	1" 19W	1" 19W	1" 19W					
1.001	1" 37W	1" 37W	1" 37W					
1.010					37#7	37#7		
1.134					37#6	37#6 (1.13")		
1.273					37#5	37#5 (1.27")		

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