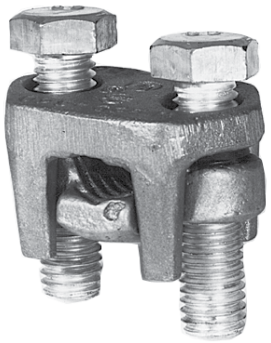
TYPE KVS

OKLIP™

Copper & Copperweld



Compact, two-piece, high strength, high copper alloy BURNDY® OKLIP™ recommended for heavy duty connections. Neoprene rings hold DURIUM™ silicon bronze bolts in place during installation. Installed with ordinary wrench.

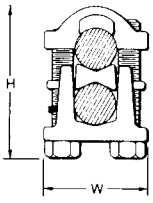
Catalog Number	Conductor					▲ Recommended Tightening Torque (in-lb)
	Copper		Copperweld Max Run & Tap			
	Run	Tap	Sol.	Str.	Type V	
KVS26	2 Str. - 2/0 Str.	6 Str. - 2/0 Str.	3/0	7 #8	—	180
KVS28	1/0 Str. - 4/0 Str.	10 Str. - 4/0 Str.	4/0	7 #6	V3/0	250
KVS31	250 - 350 kcmil	10 Str. - 350 kcmil	—	19 #8	V250	325
KVS34	400 - 500 kcmil	10 Str. - 500 kcmil	—	19 #6	V350	375
KVS40	400- 800 kcmil	3/0 Str. - 800 kcmil	—	19 #5	—	500
KVS44	500 - 1000 kcmil	3/0 Str. - 1000 kcmil	—	—	—	500

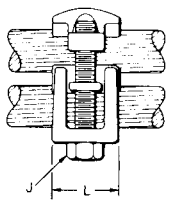
▲ Listed torque values are for maximum conductor combinations accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor combinations.
↝ See note LIGHTNING PROTECTION INFO.

TYPE KVSU

UNIVERSAL OKLIP™

All Combinations of Copper, Aluminum, ACSR, AAAC & 5005





Compact, high strength, tin plated copper alloy two-piece connector with spacer and tin-plated silicon bronze DURIUM™ hardware. Recommended for heavy duty connections. Spacer separates dissimilar conductors and provides long contact length. Neoprene ring prevents loss of shorter bolt during installation. Longer peened bolt permits swivel action for easier installation. Use of PENETROX™ joint compound recommended with aluminum and ACSR.

Catalog Number	Conductor								H	J	L	W	Rec. Tightening Torque (in-lb)
	Run		Tap		Run		Tap						
	Copper & Alum	ACSR, AAAC, & 5005	Copper & Alum	ACSR, AAAC, & 5005	Copper Sol., Copperweld Sol.	Steel Nom. Dia.	Copper Sol., Copper-weld Sol.	Steel Nom. Dia.					
KVSU26	2 Str. - 2/0 Str.	3 - 2/0	6 Str. - 2/0 Str.	6 - 2/0	1 - 3/0	5/16 - 7/16	#6 - 3/0	3/16 - 7/16	2	5/16	1	1-1/2	180
KVSU28	1/0 Str. - 4/0 Str.	1/0 - 4/0	6 Str. - 4/0 Str.	6 - 4/0	2/0 - 4/0	3/8 - 1/2	#6 - 4/0	5/32 - 1/2	2-3/8	3/8	1-1/8	1-3/4	250
KVSU31	250 - 350 kcmil	4/0 - 300	#6 - 350	6 - 300	-	9/16 - 5/8	#6 - 4/0	3/16 - 5/8	2-5/8	1/2	1-3/8	2-1/8	325
KVSU34	400 - 500 kcmil	336.4 - 397.5	#4 - 500	5 - 397.5	-	3/4 - 3/4	#4 - 4/0	7/32 - 3/4	3	1/2	1-1/2	2-1/4	375
KVSU40	400 - 800 kcmil	4/0 - 800	4/0 - 800	3/0 - 715.5	-	3/4 - 1	-	1/2 - 1	3-1/2	1/2	1-5/8	2-1/2	500
KVSU44	500 - 1000 kcmil	4/0 - 1000	4/0 - 1000 kcmil	4/0 - 900	-	7/8 - 1 1/8	-	1/2 - 1 1/8	4	3/8	2	3	500

Accommodates compressed conductors within diameter range. ↝ See note LIGHTNING PROTECTION INFO.

TYPE KVSW

OKLIP™

Copper and Copperweld

Similiar to OKLIP™ Type KVS except for a high copper alloy spacer that separates run and tap conductors. Provides high contact pressure, confines conductor strands, and assures vibration-proof connection. Longer peened bolt, permits swivel action for easier installation. Silicon bronze DURIUM™ hardware.

Catalog Number	Conductor		Recommended Tightening Torque (in-lb)
	Run	Tap	
KVSW26	2 Str. - 2/0 Str.	6 Sol. - 2/0 Str.	180
KVSW28	1/0 Str. - 4/0 Str.	6 Sol. - 4/0 Str.	250
KVSW31	250 - 350 kcmil	4 Sol. - 350 kcmil	325
KVSW34	400 - 500 kcmil	4 Str. - 500 kcmil	375
KVSW40	400 - 800 kcmil	AWG 4/0 - 800 kcmil	500
KVSW44	500 - 1000 kcmil	250 - 1000 kcmil	500

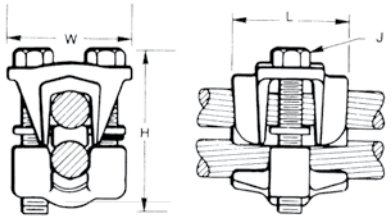
↝ See note LIGHTNING PROTECTION INFO.

TYPE KVS-A

ALUMINUM OKLIP™

All Combinations of Copper, Aluminum†, ACSR†, AAAC and 5005

Three-piece, high-conductivity, non-copper bearing aluminum alloy connector with thick spacer and aluminum hardware. Hardware in KVS26A and KVS28A is stainless steel. Recommended for heavy duty dissimilar metal applications. Spacer separates conductors and provides long contact length. Belled entrances prevent chafing, permit easier assembly of conductors. Longer peened bolt permits swivel action for easier installation. Neoprene ring prevents loss of shorter bolt. PENETROX™ joint compound recommended with aluminum and ACSR.



THESE CONNECTORS CAN ACCOMMODATE ACSR CONDUCTORS OVER ARMOR ROD WITHIN THE DIAMETER RANGE INDICATED.

APPLICATION OVER ARMOR ROD

Catalog Number	Conductor				Rec. Tightening Torque (in-lb)	Conductor Range by Diameter			H	J	L	W
	Run		Tap			Min. Run Dia.	Min. Tap Dia.	Max. Run & Tap Dia.				
	Copper, & Alum.†	ACSR†, AAAC, & 5005	Copper, & Alum.†	ACSR†, AAAC & 5005								
KVS26A	2 Str. - 2/ 0 Str.	#4 - 2/0	10 Str. - 2/0 Str.	#6 - 2/0	180	0.28	0.12	0.45	2-1/4	5/16	1-1/4	1-5/8
KVS28A	1/0 Str. - 4/0 Str.	1/0 - 4/0	10 Str. - 4/0 Str.	#6 - 4/0	240	0.36	0.12	0.56	3	3/8	1-5/8	2-1/16
KVS31A	250 - 350	4/0 - 336.4	6 Str. - 350 kcmil	#6 - 336.4 kcmil	300	0.57	0.18	0.68	3-1/16	1/2	1-15/16	2-7/16
KVS34A	400 - 500	336.4 - 397.5	4 Str. - 500 kcmil	#5 -397.5 kcmil	300	0.73	0.22	0.81	3-9/16	1/2	2-5/16	2-5/8
KVS40A	400 - 800	336.4 - 715.5 kcmil	3/0 Str. - 800 kcmil	#3/0 - 715.5	300	0.73	0.47	1.04	4-1/16	1/2	2-7/16	2-7/8
KVS44A	500 - 1000	397.5 - 900 kcmil	3/0 Str. - 1000 kcmil	#3/0 - 900 kcmil	480	0.80	0.47	1.16	4-7/8	5/8	2-1/2	3-1/8

† Accommodates compressed conductors within diameter range. ↝ See note LIGHTNING PROTECTION INFO.

TYPE QPX

VERSITAP™

Copper, Copperweld, Copperweld-Copper

The VERSITAP™ Type QPX is recommended for Tee, Cross, Parallel, Butt and Tap connections. Range-taking, only 10 connectors required to accommodate conductor sizes from #6 Str. to 1000 kcmil. Edges are rounded for easy taping. Made of high strength, high-conductivity copper alloy and silicon bronze DURIUM™ hardware.

* **For various configurations, see page with TYPE QPX-Y**

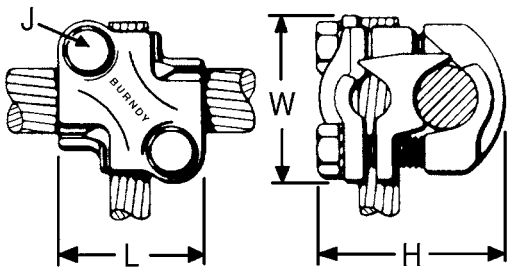


Fig. 1

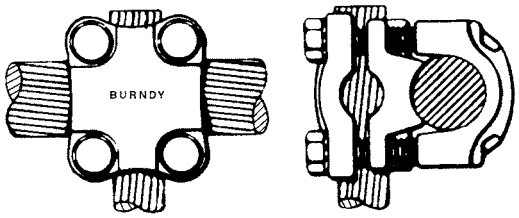


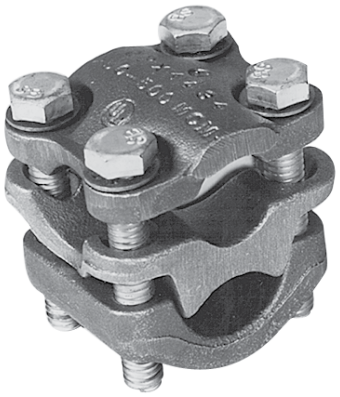
Fig. 2

Catalog Number	Copper Conductor		Fig. No.	Dimensions				Rec. Tightening Torque in-lb ▲	Conductor			
									Run		Tap	
	Run	Tap		H	J	L	W		Copperweld	Copperweld - Copper	Copperweld	Copperweld - Copper
QPX2C2C	6 Str. - 2 Str.	6 Str. - 2 Str.	1	1-1/2	5/16	1-5/16	1-3/8	150	5 Sol. - 3 #7	8A - 4A	5 Sol. - 3 #7	8A - 4A
QPX282C	1 Str. - 4/0 Str.	6 Str. - 2 Str.		2-1/16			1-9/16	250	7 #9 - 7 #5	3A - 3/0V		
QPX2828	1 Str. - 4/0 Str.	1 Str. - 4/0 Str.		2-3/8	3/8	1-13/16	1-13/16				7 #9 - 7 #5	3A - 3/0V
QPX342C	250 - 500 kcmil	6 Str. - 2 Str.			5/16	1-3/8	1-7/8	375	19 #19 - 19 #6	4/0 EK	5 Sol. - 3 #7	8A - 4A
QPX3428	250 - 500 kcmil	1 Str. - 4/0 Str.		2-3/4	3/8	1-3/4	2-1/16				7 #9 - 7 #5	3A - 3/0 V
QPX3434	250 - 500 kcmil	250 - 500 kcmil	2	3		2-1/16	2-3/16				19 #19 - 19 #6	4/0 EK
QPX442C	500 - 1000 kcmil	6 Str. - 2 Str.	1	2-11/16	5/16	1-3/8	2-1/4	500	19 #6	—	5 Sol. - 3 #7	8A - 4A
QPX4428	500 - 1000 kcmil	1 Str. - 4/0 Str.		2-7/8	3/8	1-13/16	2-7/16				7 #9 - 7 #5	3A - 3/0V
QPX4434	500 - 1000 kcmil	250 - 500 kcmil	2	3-1/16		2-1/16					19 #19 - 19 #6	4/0 EK
QPX4444	500 - 1000 kcmil	500 - 1000 kcmil		3-7/16		2-5/8	2-9/16				19 #6	—

▲ Listed torque values are for maximum conductor combinations accommodated. Consult UL486 Tables 7-4, 7-5, 7-6 for smaller conductor combinations.

↝ See note LIGHTNING PROTECTION INFO.

TYPE QPX-Y



UNIVERSAL VERSITAP™

Universal Parallel Clamp For Copper and Aluminum

High copper alloy cast connector, tin-plated for use with copper or aluminum cable. Makes parallel, tap, tee, cross or end-to-end connections. Edges rounded for easy taping. PENETROX™ joint compound recommended.

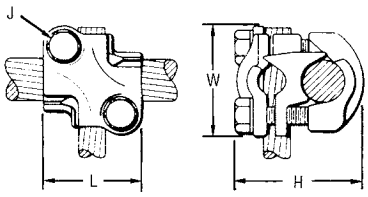


Fig. 1

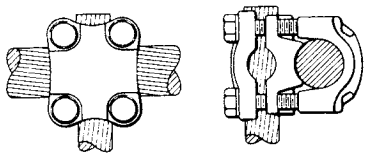


Fig. 2

Catalog Number	Run	Tap	Fig. No.	H	J	L	W	Recommended Tightening Torque in-lb ▲
QPX2C2CY	6 Str.-2 Str.	6 Str.-2 Str.	1	1-5/8	5/16	1-1/2	1-5/8	150
QPX282CY	1 Str. - 4/0 Str.	6 Str.-2 Str.	1	1-7/8	5/16	1-1/2	1-7/8	150
QPX2828Y	1 Str. - 4/0 Str.	1 Str. - 4/0 Str.	1	2	3/8	2	2-1/8	250
QPX342CY	250 - 500 kcmil	6 Str.-2 Str.	1	2-1/4	5/16	1-1/2	2-1/8	375
QPX3428Y	250 - 500 kcmil	1 Str. - 4/0 Str.	1	2-1/2	3/8	2	2-1/2	375
QPX3434Y	250 - 500 kcmil	200 - 500 kcmil	2	2-7/8	3/8	2-1/2	2-5/8	375
QPX4444Y	750 - 1000 kcmil	750 - 1000 kcmil	2	3-7/8	1/2	3-1/2	3-1/2	500

▲ Listed torque values are for maximum conductor combinations accommodated. Consult UL486 Tables 7-4, 7-5 7-6 for smaller conductor combinations.

↝ See note LIGHTNING PROTECTION INFO.

APPLICATION VARIATIONS

PARALLEL

TAP

CROSS

SPLICE

TEE