

**TYPE KVS**

**OKLIP™**

Mechanical Connector  
For Copper and Copperweld



Similar 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.

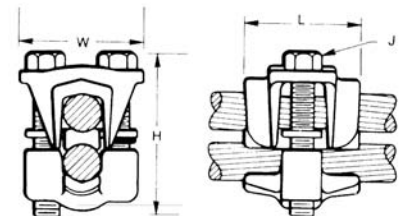
Catalog Number	Conductor		Recommended Tightening Torque (in-lb)
	Run	Tap	
KVSW26	2 Str. - 2/0 Str.	6 Sol. - 2/0 Str.	180
KVSW28	1/0 Str. - 4/0 Str.	6 Sol. - 4/0 Str.	250
KVSW31	250 - 350 kcmil	4 Sol. - 350 kcmil	325
KVSW34	400 - 500 kcmil	4 Str. - 500 kcmil	375
KVSW40	400 - 800 kcmil	AWG 4/0 - 800 kcmil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

↗ See note LIGHTNING PROTECTION INFO.

**TYPE KVS-A**

**ALUMINUM OKLIP™**

For Use On 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

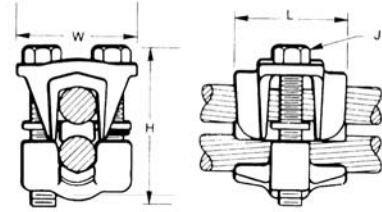
† Accommodates compressed conductors within diameter range. ↗ See note LIGHTNING PROTECTION INFO.

## TYPE KVS-A

### OKLIP™

**ACCOMMODATES:** COPPER, COPPERWELD, AAC†, ACSR†, AAAC

**MATERIAL:** ALUMINUM



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. Belted entrances prevent chafing and 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.

H-8

Catalog Number	Conductor			
	Run		Tap	
	Copper & Aluminum†	ACSR†, AAAC, & 5005	Copper & Aluminum†	ACSR†, AAAC, & 5005
KVS26A	2 Str. - 2/0 Str.	#4 - 2/0	10 Str. - 2/0 Str.	#6 - 2/0
KVS28A	1/0 Str. - 4/0 Str.	1/0 - 4/0	10 Str. - 4/0 Str.	#6 - 4/0
KVS31A	250 - 350	4/0 - 336.4	6 Str. - 350 kcmil	#6 - 336.4 kcmil
KVS34A	400 - 500	336.4 - 397.5	4 Str. - 500 kcmil	#5 - 397.5 kcmil
KVS40A	400 - 800	336.4 - 715.5 kcmil	3/0 Str. - 800 kcmil	3/0 - 715.5
KVS44A	500 - 1000	397.5 - 900 kcmil	3/0 Str. - 1000 kcmil	3/0 - 900 kcmil

† Accommodates compressed conductors within diameter range.  
To ensure proper tightening torque use BURNDY® BTW Torque Wrenches.

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

### Application Over Armor Rod

Catalog Number	Conductor Range by Diameter			H	J	L	W
	Min. Run Dia.	Min. Tap Dia.	Max Run & Tap Dia.				
KVS26A	0.28	0.11	0.44	2	5/16	1-3/8	1-5/8
KVS28A	0.36	0.11	0.56	2-3/8	3/8	1-5/8	2
KVS31A	0.56	0.18	0.68	3	1/2	2	2-5/8
KVS34A	0.72	0.21	0.81	3-3/8	1/2	2-1/2	2-5/8
KVS40A	0.72	0.47	1.03	4	1/2	3-1/8	3
KVS44A	0.80	0.47	1.16	4-1/2	5/8	3-1/2	3-3/8