

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 DURUM™ 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

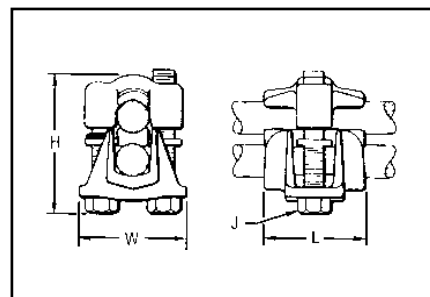
See note page A-2

TYPE KVS-A

ALUMINUM OKLIP™

Mechanical Connector
For 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.



Catalog Number	Conductor				Recommended Tightening Torque in-lb
	Run		Tap		
	Copper, & Alum.†	ACSR†, AAAC, & 5005	Copper, & Alum.†	ACSR†, AAAC & 5005	
KVS26A	2 Str. - 2/0 Str.	AWG 4 - 2/0	10 Str. - 2/0 Str.	6 - 2/0	180
KVS28A	1/0 Str. - 4/0 Str.	AWG 1/0 - 4/0	10 Str. - 4/0 Str.	6 - 4/0	240
KVS31A	250 - 350 kcmil	AWG 4/0 - 336.4	6 Str. - 350 kcmil	6 - 336.4	300
KVS34A	400 - 500 kcmil	336.4 - 397.5	4 Str. - 500 kcmil	5 - 397.5	300
KVS40A	400 - 800 kcmil	336.4 - 715.5	3/0 Str. - 800 kcmil	3/0 - 715.5	300
KVS44A	500 - 1000 kcmil	397.5 - 900	3/0 Str. - 1000 kcmil	3/0 - 900	480

† Accommodates compressed conductors within diameter range.

See note page A-2

**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	.281	.116	.447	2-1/4	5/16	1-1/4	1-5/8
KVS28A	.360	.116	.564	3	3/8	1-5/8	2-1/16
KVS31A	.565	.184	.681	3-1/16	1/2	1-15/16	2-7/16
KVS34A	.728	.216	.814	3-9/16	1/2	2-5/16	2-5/8
KVS40A	.728	.470	1.036	4-1/16	1/2	2-7/16	2-7/8
KVS44A	.806	.470	1.162	4-7/8	5/8	2-1/2	3-1/8

Blue highlighted items are industry standard and most frequently ordered.

TYPE KVS

OKLIP™

Mechanical Connector for
Copper and Copperweld

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



Catalog Number	Conductor	
	Run	Tap
KVSW26	2 Str. - 2/0 Str.	6 Sol. - 2/0 Str.
KVSW28	1/0 Str. - 4/0 Str.	6 Sol. - 4/0 Str.
KVSW31	250 - 350	4 Sol. - 350
KVSW34	400 - 500	4 Str. - 500
KVSW40	400 - 800	4/0 - 800
KVSW44	500 - 1000	250 - 1000

Blue highlighted items are industry standard and most frequently ordered.