

Stud Connectors

SUE-AL Cable to Stud

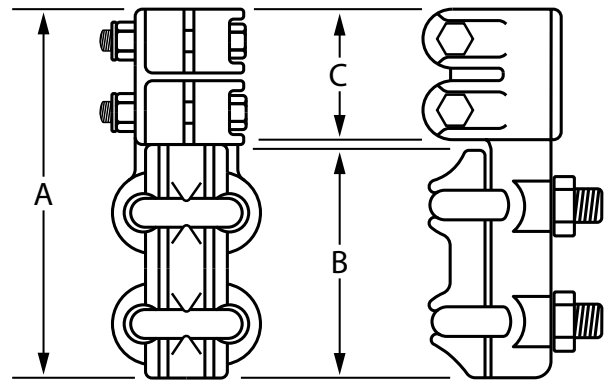
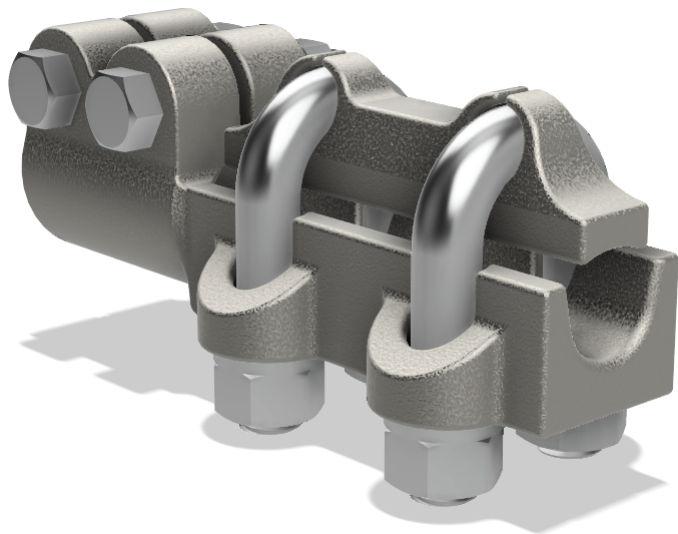


Fig. 1

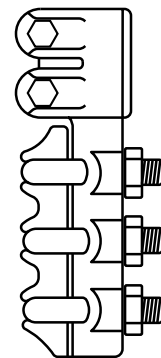


Fig. 2

"SUE" stud connector is an aluminum bodied unit designed for making an aluminum cable connection to an aluminum equipment stud. Generously proportioned, these stud connectors will carry the full rated current of cable or stud, whichever is smaller. Markings on the connector give both the M.C.M. and A.C.S.R. ranges. Groove in cable end portion is flared to give gradual release of the clamping force. This rounding eliminates cutting of the cable strands. Cable grooves are scratched brushed through NO-OX-ID and the connector is packaged in a plastic bag to keep connector clean until it is installed. Bolts and nuts on equipment portion are 1/2"-13 aluminum with stainless steel lockwashers.

STUD		CABLE RANGE A.W.G. OR M.C.M.		CATALOG NUMBER		FIG. NO.	DIMENSION IN INCHES			U-BOLT DIAMETER
DIAMETER	THREADS/ INCH	ALUMINUM	A.C.S.R.	THREADED	UNTHREADED		A	B	C	
3/4	16	6 to 2/0	6 to 1/0	SUE-108-AL	SUE-208-AL	1	5-1/8	2-1/2	2-1/2	1/2
3/4	16	1/0 to 300	1/0 to 266.8	SUE-110-AL	SUE-210-AL	1	6-1/8	3-1/2	2-1/2	1/2
3/4	16	300 to 500	266.8 to 397.5	SUE-111-AL	SUE-211-AL	1	6-1/2	3-3/4	2-5/8	1/2
3/4	16	500 to 800	397.5 to 666.6	SUE-112-AL	SUE-212-AL	1	7-1/2	4-3/4	2-5/8	5/8
1	16	1/0 to 300	1/0 to 266.8	SUE-120-AL	SUE-220-AL	1	6-1/8	3-1/2	2-1/2	1/2
1	16	300 to 500	266.8 to 397.5	SUE-121-AL	SUE-221-AL	1	6-1/2	3-3/4	2-5/8	1/2
1	16	500 to 800	397.5 to 666.6	SUE-122-AL	SUE-222-AL	1	7-1/2	4-3/4	2-5/8	5/8
1	16	750 to 1000	636 to 900	SUE-123-AL	SUE-223-AL	2	8-1/8	5-3/8	2-5/8	5/8
1-1/8	16	1/0 to 300	1/0 to 266.8	SUE-139-AL	SUE-239-AL	1	6-1/8	3-1/2	2-1/2	1/2
1-1/8	16	300 to 500	266.8 to 397.5	SUE-140-AL	SUE-240-AL	1	6-1/2	3-3/4	2-5/8	1/2
1-1/8	16	500 to 800	397.5 to 666.6	SUE-141-AL	SUE-241-AL	1	7-1/2	4-3/4	2-5/8	5/8
1-1/8	16	750 to 1000	636 to 900	SUE-142-AL	SUE-242-AL	2	8-1/8	5-3/8	2-5/8	5/8
1-1/4	12	1/0 to 300	1/0 to 266.8	SUE-149-AL	SUE-249-AL	1	6-1/8	3-1/2	2-1/2	1/2
1-1/4	12	300 to 500	266.8 to 397.5	SUE-150-AL	SUE-250-AL	1	6-1/2	3-3/4	2-5/8	1/2
1-1/4	12	500 to 800	397.5 to 666.6	SUE-151-AL	SUE-251-AL	1	7-1/2	4-3/4	2-5/8	5/8
1-1/4	12	750 to 1000	636 to 900	SUE-152-AL	SUE-252-AL	2	8	5-3/8	2-5/8	5/8
1-1/2	12	1/0 to 300	1/0 to 266.8	SUE-169-AL	SUE-269-AL	1	6-1/8	3-1/2	2-1/2	1/2
1-1/2	12	300 to 500	266.8 to 397.5	SUE-170-AL	SUE-270-AL	1	6-3/8	3-3/4	2-1/2	1/2
1-1/2	12	500 to 800	397.5 to 666.6	SUE-171-AL	SUE-271-AL	1	7-3/8	4-3/4	2-1/2	5/8
1-1/2	12	750 to 1000	636 to 900	SUE-172-AL	SUE-272-AL	2	8-1/4	5-3/8	2-3/4	5/8
1-1/2	12	1000 to 1500	900 to 1272	SUE-173-AL	SUE-273-AL	2	8-5/8	5-3/4	2-3/4	5/8
1-1/2	12	1510.5 to 2000	1351.5 to 1780	SUE-174-AL	SUE-274-AL	2	8-7/8	6	2-3/4	5/8
2	12	300 to 500	266.8 to 397.5	SUE-180-AL	SUE-280-AL	1	6-7/8	3-3/4	2-1/2	1/2
2	12	500 to 800	397.5 to 666.6	SUE-181-AL	SUE-281-AL	1	7-3/8	4-3/4	2-1/2	5/8
2	12	750 to 1000	636 to 900	SUE-182-AL	SUE-282-AL	2	8-1/4	5-3/8	2-3/4	5/8
2	12	1000 to 1500	900 to 1272	SUE-183-AL	SUE-283-AL	2	8-5/8	5-3/4	2-3/4	5/8

For cross reference or other
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