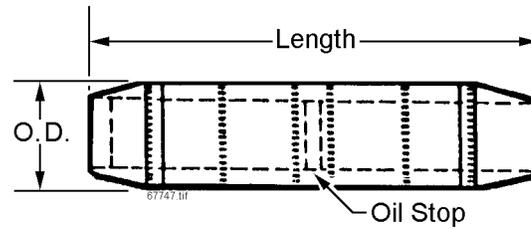


# MATERIAL STANDARD

## CONNECTORS TAPERED ALUMINUM COMPRESSION



**Tapered Aluminum Compression Connectors** of the configuration shown are intended for use on 4 kV and higher insulated aluminum and copper conductors in underground construction, and shall meet the applicable requirements of ANSI C119.4 Standard for Aluminum Connectors for Aluminum/Copper Conductors.

**Inhibitor.** Each connector shall be factory filled with a measured amount of oxide-inhibiting compound that will not effect the dielectric strength or power factor of cables insulated with butyl, polyvinyl chloride, polyethylene, cross linked polyethylene, or ethylene-propylene rubber.

**Oil Stop.** The connector ends shall be separated by a center oil stop.

**Tin Plate.** Each connector shall be tin-plated for Al-Al, Al-Cu, and Cu-Cu connections.

**Marking.** Each connector shall have durable markings showing conductor size, die number, number of crimps and manufacturer's name or trade mark and catalog number of the connector.

**Packaging.** The connector ends shall be sealed to prevent leakage or contamination of the inhibitor. Each connector shall be individually packaged in a sealed plastic bag.

**Reference Specification:** ANSI C119.4, latest revision

**Stock Unit:** EA

### Tooling and Die Requirements

Stock Number	Wire Size	O.D.	Nom. Length	Burndy	T&B	Kearney
650631	#1	0.530"	2.63"	U1CART, 163	45	1/2
650632	1/0	0.600"	2.67"	U25ART, 296	52	9/16
650634	4/0	0.840"	3.75"	U28ART, 298	76	840
650637	350	1.125"	4.94"	U31ART, 299	96	1-1/8
650639	500	1.320"	5.50"	U34ART, 300	115	1-5/16
650641	750	1.590"	6.88"	U39ART, 301	125	1-1/2

Stock Number	Wire Size	Nominal Length	Approved Manufacturers			
			Burndy (Tin Plate)	Homac	MAC	Richards
650631	#1	2.63"	YS1CAST	ATC-1-TN	MTAP 1-TN	OATC 8-TN
650632	1/0	2.67"	YS25AST	ATC-1/0-TN	MTAP 1/0-TN	OATC 9-TN
650634	4/0	3.75"	YS28AST	ATC-4/0-TN	MTAP 4/0-TN	-
650637	350	4.94"	YS31AST	ATC-350-TN	MTAP 350-TN	-
650639	500	5.50"	YS34AST	ATC-500-TN	MTAP 500-TN	OATC 18-TN
650641	750	6.88"	YS39AST	ATC-750-TN	MTAP 750-TN	OATC 23-TN

ORIGINATOR	STANDARDS COORDINATOR	STANDARDS SUPERVISOR	UNIT DIRECTOR
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