

Products Description

bimetal friction welding cable lugs are mostly useful where an aluminum cable has to be terminated by a copper bus bar or copper contact. If Cable Lugs of only copper or aluminum are used , a galvanic action occurs due to dissimilar contact. The use of bimetallic lugs thus ensures a technically sound and durable joint. The Aluminum barrel is friction welded to the copper palm thereby achieving the best possible transition between barrel & palm. Our range of Aluminum & Copper Bimetallic Lugs is having following advantages.

Material : Conductivity Aluminum Barrel of 60% IACS & Copper Palm 97% IACS.

Final Metal State : Fully Annealed.

Jointing Method : Friction Welding

Sizes : 16 Sqmm to 1000 Sqmm

Applications :

MV Terminations

LV Connections on Bus Bar.

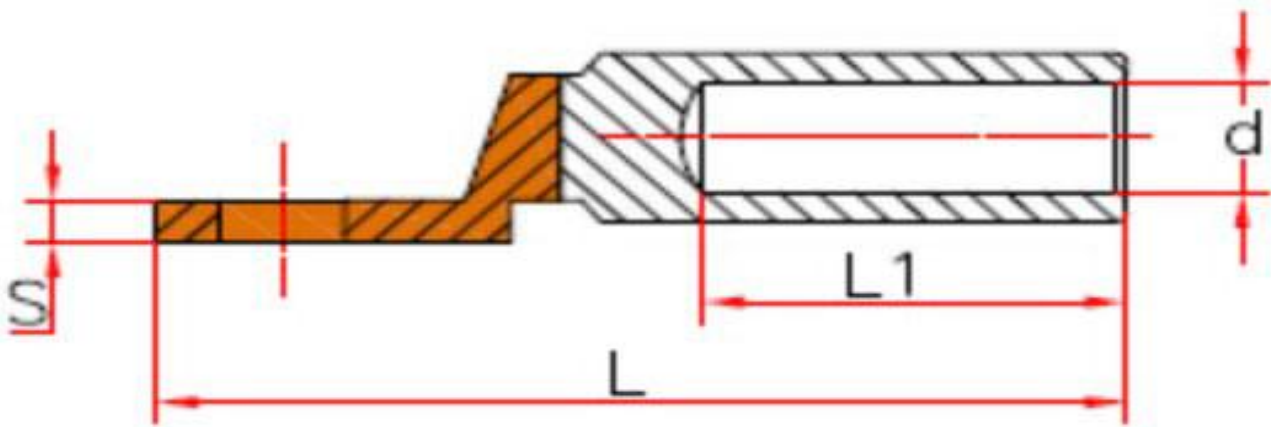
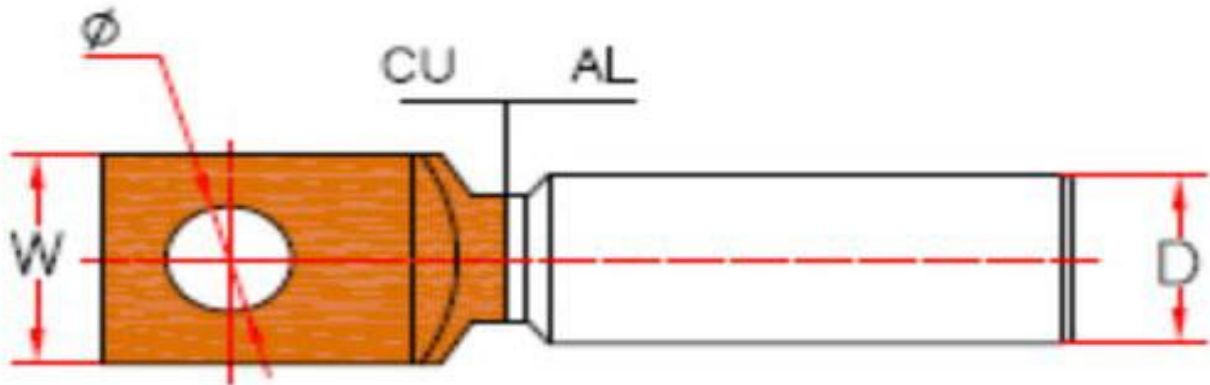
Advantages of bimetallic lugs:

Safe & low cost both in and use.

All copper products are electro-tinned to BS standard and prevents it from corrosion and oxidation.

PVC insulation is provided to terminals for exceptional di-electric strength & for supporting

Entry to the wire barrel is shock-proof, or bell mouthed for faster and easier conductor entry.



Item No.	$\varphi\pm 0.3$	$D\pm 0.2$	$d\pm 0.2$	$L\pm 2$	$L1\pm 2$	$W\pm 2$	$S\pm 2$
UNI-2-F-10	8.5	16	4.5	87	42	14	4.2
UNI-2-F-16	8.5	16	5.5	87	42	14	4.2
UNI-2-F-25	8.5	16	7	87	42	14	4.2
UNI-2-F-35	8.5	16	8.5	87	42	14	4.2
UNI-2-F-50	10.5	20	9.5	100	50	17	5.2
UNI-2-F-70	10.5	20	11.5	100	50	17	5.2
UNI-2-F-95	10.5	20	13	100	50	17	5.2
UNI-2-F-120	13	25	15	120	60	21	6.2
UNI-2-F-150	13	25	16.5	120	60	21	6.2
UNI-2-F-185	13	32	18	125	60	25	7.2
UNI-2-F-240	13	32	19.5	125	60	25	7.2
UNI-2-F-300	13	34	23.5	145	65	30	8
UNI-2-F-400	13	40	26	150	70	32	8
UNI-2-F-500	13	40	29	150	70	32	8