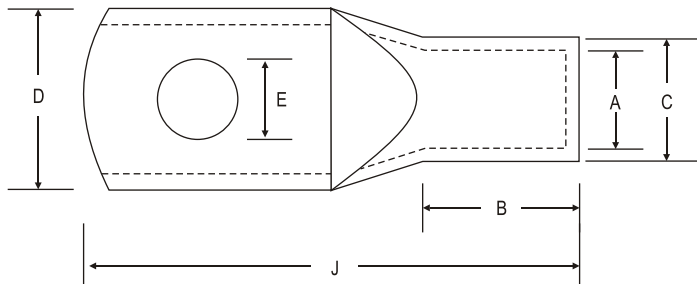


# BRACO ALUMINIUM ALLOY TUBULAR BIMETALLIC TERMINALS

Braco Aluminium Alloy Tubular Bi-metallic Terminals are manufactured out of aluminium of purity equal to or greater than 99.5% having maximum conductivity not less than 60% IACS and are designed as per IS 5082. These are anti-corrosive and used for highly corrosive environment. The barrels are kept filled with grease so as to avoid oxidation of the Aluminium. These are designed to accept a variety of conductor forms especially low stranded compacted conductors. These terminals are mainly used to terminate on copper bus bars. Whenever aluminium links terminated on to copper or copper based alloy terminals without suitable plating, results in the corrosion of the joint over a period leading to higher joint resistance. Bi-metallic terminals are found most reliable and suitable for such connections.



**Material: Aluminium IS : 5082**

Size Sq. mm	Dimensions						Code No.
	E	A	C	D	B	J	
10	6	4.4	7.4	10	9	30	ATB - 1
	8	4.4	7.4	15	9	30	ATB - 2
16	6	5.4	8.3	11	13	37	ATB - 3
	8	5.4	8.3	11	13	37	ATB - 4
25	8	7.0	10.0	14	16	44	ATB - 5
	10	7.0	10.0	20	16	44	ATB - 6
35	8	8.0	10.8	15	18	47	ATB - 7
	10	8.0	10.8	20	18	47	ATB - 8
50	8	9.3	13.0	18	22	54	ATB - 9
	10	9.3	13.0	23	22	54	ATB - 10
70	10	11.6	16.0	22	26	60	ATB - 11
	12	11.6	16.0	22	26	60	ATB - 12
95	10	12.9	17.1	25	28	64	ATB - 13
	12	12.9	17.1	25	28	64	ATB - 14
120	10	14.8	19.6	28	32	73	ATB - 15
	12	14.8	19.6	28	32	73	ATB - 16

Size Sq. mm	Dimensions						Code No.
	E	A	C	D	B	J	
150	12	16.1	21.2	31.0	34	79	ATB - 17
	16	16.1	21.2	31.0	34	79	ATB - 18
185	12	18.0	23.7	34.0	36	84	ATB - 19
	16	18.0	23.7	34.0	36	84	ATB - 20
225	12	20.6	27.0	39.0	40	94	ATB - 21
240	12	22.0	28.0	40.0	44	102	ATB - 22
	16	22.0	28.0	40.0	44	102	ATB - 23
300	16	24.0	31.0	45.7	47	115	ATB - 24
	20	24.0	31.0	45.7	47	115	ATB - 25
400	20	28.0	36.0	51.0	56	130	ATB - 26
500	20	30.0	41.0	58.0	60	140	ATB - 27
630	20	35.0	46.0	66.0	69	154	ATB - 28
800	-	39.0	51.0	73.0	77	180	ATB - 29
1000	-	43.5	57.0	81.0	100	220	ATB - 30