

- Bi- metal lugs are made from the highest quality aluminium and copper joined using a friction welding process.
- The barrels are filled with a jointing compound, which breaks the oxide layers on the aluminium. The type test is follow IEC61238-1



Technical Data

Conductive Material

Aluminium-99.6% pure
Copper-99.9% pure
Tensile Strength-110MPa
Ductile Ratting-28%
Joining method _Friction Welding(IEC std)

Operating Temperature
-40°C to 100°C

Conformant Standards
IEC (FRA, ; DIN/ VDE (Ger.)

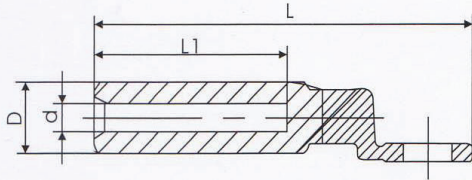


Fig. 1

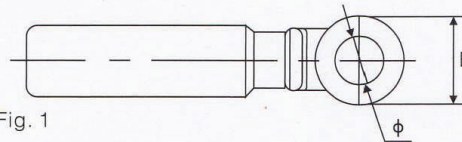
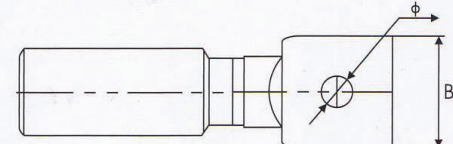
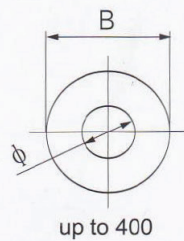
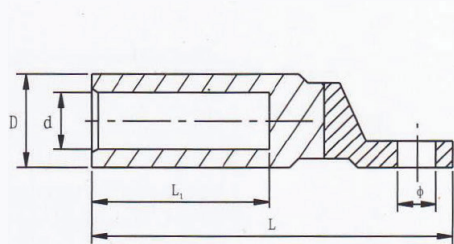


Fig. 2

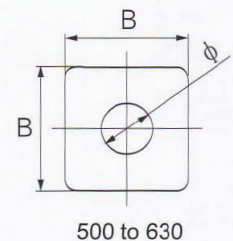
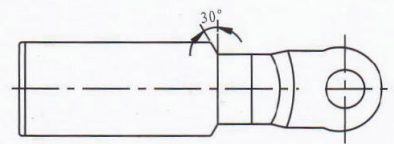


Part No.	Conductor Size mm ²	Dimensions(mm)					
		d	D	L ₁	L	B	Φ
SS-16A	16	5.5	16	43	85	21	10.5
SS-25A	25	6.5	16	43	85	21	10.5
SS-35A	35	8.0	16	43	85	21	10.5
SS-50A	50	9.0	20	43	90	25.6	12.8
SS-70A	70	11.0	20	43	90	25.6	12.8
SS-95A	95	12.5	20	43	90	25.6	12.8
SS-120A	120	13.7	25	59	115	30	12.8
SS-150A	150	15.5	25	59	115	30	12.8
SS-185A	185	17.0	32	60	122	35	12.8
SS-240A	240	19.5	32	60	122	35	12.8
SS-300A	300	23.5	34	65	127	35	16.5
SS-400A	400	26.0	40	90	160	36	16.5
SS-500A	500	29.1	40	90	160	36	16.5
SS-630A	630	32.5	47	94	200	60	16.5

SS-B Bi-metal lugs



up to 400



500 to 630

Part No.	Conductor Size mm ²	Dimensions(mm)					
		d	D	L ₁	L	B	Φ
SS-16B	16	5.5	16	43	85	24	10.5
SS-25B	25	6.5	16	43	85	24	10.5
SS-35B	35	8.0	16	43	90	25	12.8
SS-50B	50	9.0	20	43	90	25.	12.8
SS-70B	70	11.0	20	43	90	25	12.8
SS-95B	95	12.5	20	43	90	30	12.8
SS-120B	120	13.7	25	59	115	30	12.8
SS-150B	150	15.5	25	59	115	30	12.8
SS-185B	185	17.0	32	59	115	30	12.8
SS-240B	240	19.5	32	59	115	35	12.8
SS-300B	300	23.5	34	72	137	35	16.5
SS-400B	400	26.0	40	93	160	36	16.5
SS-500B	500	29.1	47	94	200	60*60	16.5
SS-630B	630	32.5	47	94	200	60*60	16.5
SS-800B	800	37.5	60	120	260	80*80	20.0
SS-1000B	1000	42.0	60	120	260	80*80	20.0

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- For AL cable to DIN48201 and cable connector of AL to VDE0295

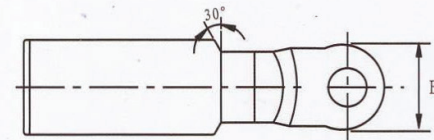
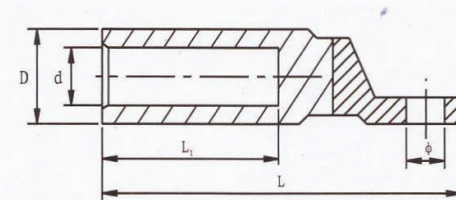


Technical Data

Conductive Material

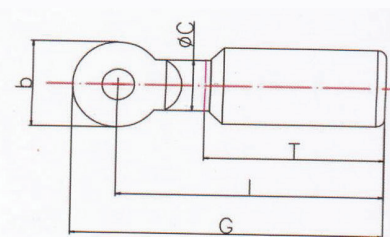
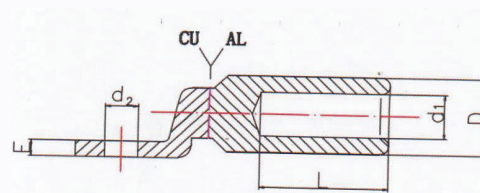
Aluminium-99.6% pure DIN40501

Copper-99.9% pure DIN40500



Part No.	Conductor Size mm ²	Dimensions(mm)					
		d	D	L ₁	L	B	Ø
SS-16C	16	5.5	12.0	42	90	24	8.5, 10.5
SS-25C	25	6.8	12.0	42	90	24	8.5, 10.5
SS-35C	35	8.0	14.0	43	90	24	8.5, 10.5, 13.0
SS-50C	50	9.8	16.0	43	90	24	8.5, 10.5, 13.0
SS-70C	70	11.2	18.5	53	90	24	10.5, 13.0
SS-95C	95	13.2	22.0	56	105	25	10.5, 13.0, 17.0
SS-120C	120	14.7	23.0	60	115	30	13.0, 17.0
SS-150C	150	16.3	25.0	60	115	30	13.0, 17.0
SS-185C	185	18.3	28.5	60	122	36	13.0, 17.0, 21.0
SS-240C	240	21.0	32.0	70	122	36	13.0, 17.0, 21.0
SS-300C	300	23.3	34.0	70	125	36	10.5, 13.0, 17.0, 21.0

Lugs and connectors



Item No.	d2±0.3	D2±0.3	d2±0.2	G±1	b±0.2	F±0.1	L±0.5
SS-2-16(B)	10	16	6	82	24	3	41
SS-2-25(B)	10	16	7	82	24	3	41
SS-2-35(B)	10	16	8.5	82	24	3	41
SS-2-50(B)	13	20	9.8	90	25	3.5	49
SS-2-70(B)	13	20	11.6	90	25	3.5	49
SS-2-95(B)	13	20	13.8	90	25	3.5	49
SS-2-120(B)	13	25	15.5	113	28	4.2	60
SS-2-150(B)	13	25	17	113	28	4.2	60
SS-2-185(B)	13	32	18.5	130	35	5	62
SS-2-240(B)	13	32	21.5	130	35	5	62
SS-2-300(B)	13	34	24	135	36	5	63.5
SS-2-400(B)	17	34	26	135	36	5	63.5