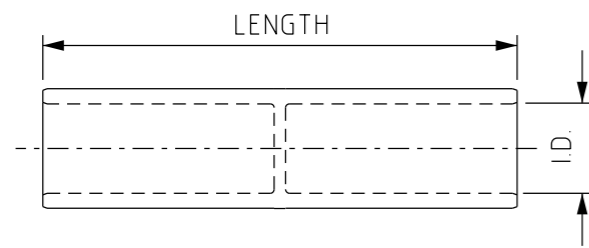
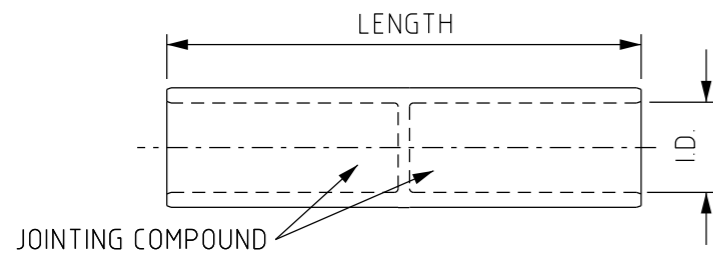


### COPPER SPLICES



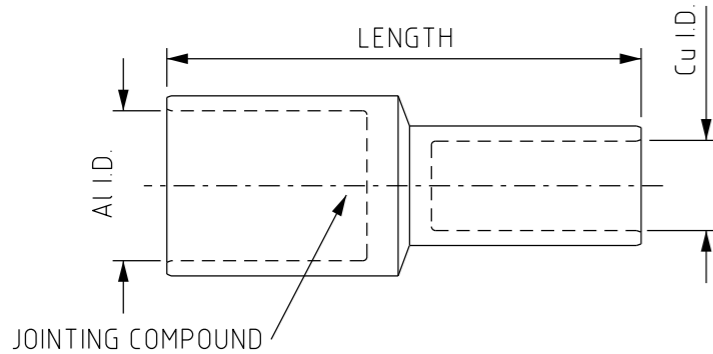
MATERIAL: ELECTRO-TINNED DRAWN COPPER  
SOLID BARRIER AND REAMED ENDS

### ALUMINIUM SPLICES



MATERIAL: HIGH CONDUCTIVITY ALUMINIUM  
SOLID BARRIER  
PREFILLED WITH JOINT COMPOUND

### BI-METAL SPLICES



MATERIAL: COPPER AND ALUMINIUM FRICTION WELDED  
SOLID BARRIER  
Al PREFILLED WITH JOINT COMPOUND

TABLE 1: COPPER SPLICES

ITEM REF.	ITEM NUMBER	CONDUCTOR AREA (SQ.mm)	CONDUCTOR STRANDING	OVERALL LENGTH (mm)	INTERNAL DIAMETER (mm)	NUMBER OF CRIMPS EACH SIDE	CRIMP DIE A/F (mm)	HYDRAULIC TOOL
1	5405	16	7/1.70	44	4.7	1	6.3	12T
2	156422	25	19/1.35	48	7.1	1	7.7	12T
3	5421	35	19/1.53	48	8.4	1	9.2	12T
4	5447	50	19/1.78	54	9.5	1	10.4	12T
5	5462	70	19/2.14	51	11.0	1	11.5	12T
6	5504	120	37/2.03	65	15.5	2	16.5	12T
7	5520	185	37/2.52	65	18.4	2	20.0	12T
8	5546	240	61/2.25	76	21.2	3	23.1	12T
9	401453	25x16	19/1.35 - 7/1.70	50	7.1 - 5.5	1	7.7 - 6.3	12T

TABLE 2: ALUMINIUM SPLICES

ITEM REF.	ITEM NUMBER	CONDUCTOR AREA (SQ.mm)	CONDUCTOR STRANDING	OVERALL LENGTH (mm)	INTERNAL DIAMETER (mm)	NUMBER OF CRIMPS EACH SIDE	CRIMP DIE A/F (mm)	HYDRAULIC TOOL
10	156448	16	7/1.70	70	5.5	1	9.0	12T
11	5694	25	7/2.14 - 19/1.35	70	7.0	1	9.0	12T
12	189068	35	19/1.53	70	8.5	1	9.0	12T
13	5710	50	19/1.78	70	9.5	1	13.2	12T
14	156521	95	19/2.52 - 37/1.78	124	13.0	1	17.3	12T
15	5728	185	37/2.52	124	18.5	1	22.0	12T
16	5744	240	61/2.25	124	21.0	1	28.4	12T
17	500846	185/240	37/2.52 - 61/2.25	124	18.5 - 21.0	1	22.0 - 28.4	12T

TABLE 3: BI-METAL SPLICES

ITEM REF.	ITEM NUMBER	CONDUCTOR AREA (Al/Cu) (SQ.mm)	CONDUCTOR STRANDING (Al/Cu)	OVERALL LENGTH (mm)	INTERNAL DIAMETER (Al/Cu) (mm)	NUMBER OF CRIMPS EACH SIDE (Al/Cu)	CRIMP DIE A/F (Al/Cu) (mm)	HYDRAULIC TOOL
18	5272	25/16	19/1.35 - 7/1.70	70	7.0 - 5.5	1	9.0 - 9.2	12T
19	5298	25/25	19/1.35 - 19/1.35	70	7.0 - 7.0	1	9.0 - 9.2	12T
20	5330	35/25	19/1.53 - 19/1.35	70	8.5 - 7.0	1	9.0 - 9.2	12T
21	5314	50/16	19/1.78 - 7/1.70	70	9.5 - 5.5	1	13.2 - 6.3	12T
22	407933	50/25	19/1.78 - 19/1.35	70	9.5 - 7.1	1	13.2 - 7.7	12T

						DES A. NATHAN		POWER STANDARD DRAWING	
						DRN A. NATHAN		SPLICES COPPER, ALUMINIUM & BI-METAL COMPRESSION FOR STANDARD CONNECTIONS	
						CKD A. NATHAN			
						APPD B. CHEUNG			
						SCALE N.T.S.			
						ISSUED MAY'21		A3 DRAWING NUMBER S02-01-02-23	
						ALL DIM. IN mm			
						DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY	
						 NORTHERN TERRITORY			
0	INITIAL ISSUE	A.N.	MAY'21	A.N.	B.C.				
NO	DESCRIPTION	DRN	DATE	CKD	APPD				
AMENDMENTS									