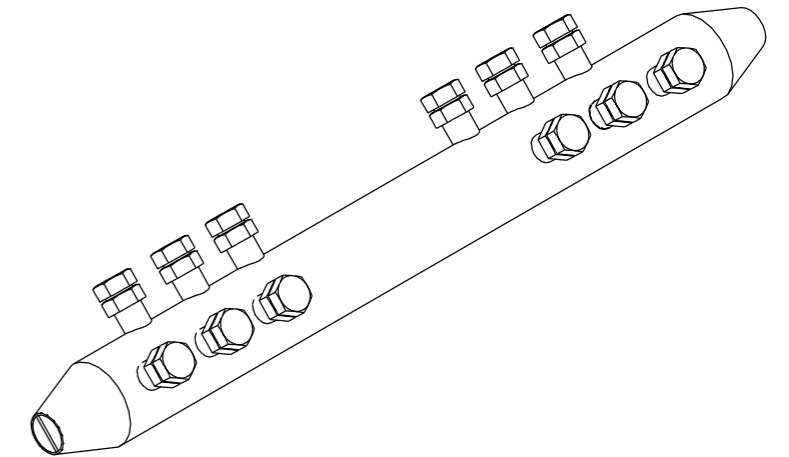


TABLE 1. SINGLE SLEEVE MECHANICAL SPLICE

| RATED CURRENT (A) | RATED TENSION (kN) | RANGE (mm) | NUMBER OF BOLTS | LENGTH (mm) | ITEM NUMBER |
|-------------------|--------------------|-------------|-----------------|-------------|-------------|
| 420 | 23 | 6.0 - 11.3 | 8 | 260 | 504043 |
| 420 | 25 | 6.0 - 11.3 | 12 | 340 | 504044 |
| 570 | 34 | 10.0 - 14.3 | 14 | 440 | 504045 |
| 800 | 44.4 | 11.0 - 18.8 | 10 | 400 | 504046 |



**SINGLE SLEEVE MECHANICAL SPLICE
FULL TENSION ISOMETRIC VIEW**

**TABLE 3. FULL TENSION MECHANICAL SPLICE
SELECTION FOR DISSIMILAR CONDUCTORS**


| CONDUCTOR 1 DETAILS | | | CONDUCTOR 2 DETAILS | | | SPLICE DETAILS |
|---------------------|----------|---------------|---------------------|---------|---------------|----------------|
| TYPE | NAME | DIAMETER (mm) | TYPE | NAME | DIAMETER (mm) | ITEM NUMBER |
| AAAC | FLUORINE | 9.0 | ACSR | RAISIN | 7.5 | 504044 |
| | | | ACSR | SULTANA | 9.0 | |
| | | | ACSR | APPLE | 9.0 | |
| AAAC | HYDROGEN | 13.5 | AAC | MARS | 11.3 | 504045 |
| | | | AAC | MERCURY | 13.5 | |
| | | | ACSR | BANANA | 11.3 | |
| | | | ACSR | CHERRY | 14.3 | |
| AAAC | NEON | 18.8 | AAC | PLUTO | 18.8 | 504046 |

**TABLE 2. FULL TENSION MECHANICAL SPLICE
SELECTION FOR SAME CONDUCTORS**

| CONDUCTOR DETAILS | | | SLEEVE DETAILS |
|-------------------|----------|---------------|----------------|
| TYPE | NAME | DIAMETER (mm) | ITEM NUMBER |
| AAAC | FLUORINE | 9.0 | 504043 |
| ACSR | APPLE | 9.0 | |
| ACSR | BANANA | 11.3 | |
| ACSR | RAISIN | 7.5 | 504044 |
| ACSR | SULTANA | 9.0 | |
| ACSR | CHERRY | 14.3 | 504045 |
| AAC | MARS | 11.3 | |
| AAAC | HYDROGEN | 13.5 | 504046 |
| AAC | MERCURY | 13.5 | |
| AAAC | NEON | 18.8 | |
| AAC | PLUTO | 18.8 | |

NOTES:

1. FOLLOW MANUFACTURERS INSTALLATION INSTRUCTION INCLUDED WITH SPLICE
2. ENSURE BOLTS ARE TIGHTENED IN THE CORRECT SEQUENCE, ALWAYS START ON THE OUTSIDE BOLT
3. DO NOT SHEAR BOTH HEADS FROM A BOLT AT THE SAME TIME, CORRECT SEQUENCE NEEDS TO BE FOLLOWED
4. SPLICE SHALL MEET REQUIREMENTS AS PER AS1154.1 - 2009

| | | | | | | | | | | | | |
|----------------------------|---|--------|-------------|--------|----------------|---|-------------------------------------|-----------|--|-------------|----|----------------|
| 5 4 3 2 1 0 | ADDED RATED CURRENT AND TENSION TO TABLE 1. REMOVED MANUFACTURER PART NUMBER. | A.N. | JUL'21 | C.C.C. | B.V. |  NORTHERN TERRITORY | DES | B.CHEUNG | POWER STANDARD DRAWING | | | |
| | ADDED TABLE 1, 2 & 3. | C.C. | MAR'19 | B.V. | B.V. | | DRN | C.COPPINS | LINE HARDWARE SINGLE SLEEVE MECHANICAL SPLICE FULL TENSION | | | |
| | NUMBER OF BOLTS & LENGTH ADDED | C.C. | FEB'18 | B.V. | B.V. | | CKD | I.BASHIR | | | | |
| | CONDUCTOR ADDED | C.C. | SEP'18 | B.V. | B.V. | | APPD | B.CHEUNG | | | | |
| | UPDATED ITEM No 504045 & 504046 DETAILS | P.H. | APR'18 | I.B. | B.C. | | SCALE | N.T.S. | ISSUED | AUGUST 2017 | A3 | DRAWING NUMBER |
| ISSUED FOR USE | C.C. | AUG'17 | I.B. | B.C. | ALL DIM. IN mm | DRAFTING STANDARD TO A.S.1100 | CAD PRODUCT - DO NOT AMEND MANUALLY | | | | | |
| AMENDMENTS | | NO | DESCRIPTION | DRN | DATE | CKD | APPD | | | | | |