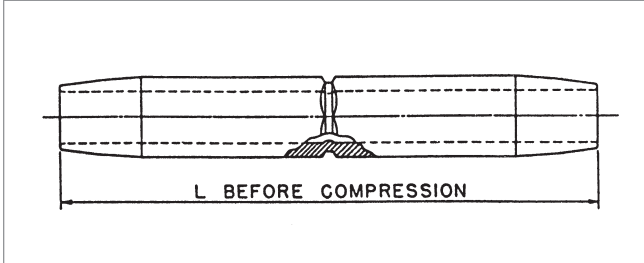


Jumper Connectors—5000 Series for AAC Conductors



Ordering Instructions

Step 1: Assembly Catalog Number

Determine the assembly catalog number based on the conductor being used.

Example:

For 795 Arbutus conductor, the complete catalog number is:

5030.109

The 5000 Series Jumper Connector is designed for AAC conductors. The jumper connector is fabricated from AFL seamless drawn aluminum. All jumper connectors are designed for limited tension use, maintaining a minimum of 40% of the ASTM rated strength of the conductor on which it is being used.

For die size sections 30AH and above, the end tapers of the compression portions of all compression accessories are supplied with a high voltage finish.

| JUMPER CONNECTOR CATALOG NUMBER | CONDUCTOR CODE NAME | CONDUCTOR | | | DIE SIZE ALUMINUM HEX DIE | WEIGHT | | DIMENSION L | |
|---------------------------------|---------------------|------------|--------------|---------|---------------------------|--------|------|-------------|------|
| | | SIZE KCMIL | STRANDING AL | DIA. IN | | LBS | KG | IN | MM |
| | | 5071.219 | Peachbell | 6.0 | 7 | 0.184 | 71AH | 0.1 | 0.03 |
| 5071.250 | Rose | 4.0 | 7 | 0.232 | 71AH | 0.1 | 0.02 | 4.0 | 102 |
| 5072.312 | Iris | 2.0 | 7 | 0.292 | 72AH | 0.1 | 0.04 | 4.5 | 114 |
| 5073.391 | Poppy | 1/0 | 7 | 0.368 | 73AH | 0.1 | 0.05 | 6.0 | 152 |
| 5074.438 | Aster | 2/0 | 7 | 0.414 | 74AH | 0.3 | 0.11 | 7.0 | 178 |
| 5074.484 | Phlox | 3/0 | 7 | 0.464 | 74AH | 0.2 | 0.10 | 7.0 | 178 |
| 5075.547 | Oxlip | 4/0 | 7 | 0.522 | 75AH | 0.4 | 0.18 | 8.0 | 203 |
| 5075.609 | Valerian | 250.0 | 19 | 0.575 | 75AH | 0.4 | 0.18 | 8.0 | 203 |
| 5075.609 | Laurel | 266.8 | 19 | 0.593 | 75AH | 0.4 | 0.18 | 8.0 | 203 |
| 5076.656 | Peony | 300.0 | 19 | 0.629 | 76AH | 0.7 | 0.31 | 9.0 | 229 |
| 5076.688 | Tulip | 336.4 | 19 | 0.666 | 76AH | 0.7 | 0.29 | 9.0 | 229 |
| 5076.719 | Daffodil | 350.0 | 19 | 0.679 | 76AH | 0.6 | 0.28 | 9.0 | 229 |
| 5076.750 | Canna | 397.5 | 19 | 0.724 | 76AH | 0.6 | 0.27 | 9.0 | 229 |
| 5020.812 | Goldentuft | 450.0 | 19 | 0.770 | 20AH | 0.7 | 0.31 | 10.0 | 254 |
| 5020.812 | Yarrow | 450.0 | 37 | 0.772 | 20AH | 0.7 | 0.31 | 10.0 | 254 |
| 5020.812 | Cosmos | 477.0 | 19 | 0.793 | 20AH | 0.7 | 0.31 | 10.0 | 254 |
| 5020.812 | Syringa | 477.0 | 37 | 0.795 | 20AH | 0.7 | 0.31 | 10.0 | 254 |
| 5024.875 | Cosmos | 477.0 | 19 | 0.793 | 24AH | 1.2 | 0.54 | 11.0 | 279 |

Notes:

1. AFL Filler Compound (AFC) Requirements are on page 115.
2. Installation Instructions for Jumper Connectors are on page 143.

Jumper Connectors—5000 Series for AAC Conductors (cont.)

| JUMPER CONNECTOR CATALOG NUMBER | CODE NAME | CONDUCTOR | | | DIE SIZE | WEIGHT | | DIMENSION L | |
|--|-------------|-----------|-----------|-------|---------------------|--------|------|----------------|-----|
| | | SIZE | STRANDING | DIA. | ALUMINUM HEX DIE | LBS | KG | IN | MM |
| | | KCMIL | AL | IN | | | | | |
| 5024.875 | Syringa | 477.0 | 37 | 0.795 | 24AH | 1.2 | 0.54 | 11.0 | 279 |
| 5024.875 | Zinnia | 500.0 | 19 | 0.811 | 24AH | 1.2 | 0.54 | 11.0 | 279 |
| 5024.875 | Hyacinth | 500.0 | 37 | 0.813 | 24AH | 1.2 | 0.54 | 11.0 | 279 |
| 5024.938 | Dahlia | 556.5 | 19 | 0.856 | 24AH | 1.1 | 0.50 | 11.0 | 279 |
| 5024.938 | Mistletoe | 556.5 | 37 | 0.858 | 24AH | 1.1 | 0.50 | 11.0 | 279 |
| 5024.938 | Meadowsweet | 600.0 | 37 | 0.891 | 24AH | 1.1 | 0.50 | 11.0 | 279 |
| 5024.969 | Orchid | 636.0 | 37 | 0.918 | 24AH | 1.0 | 0.45 | 11.0 | 279 |
| 5024.969 | Heuchera | 650.0 | 37 | 0.928 | 24AH | 1.0 | 0.45 | 11.0 | 279 |
| 5027.100 | Flag | 700.0 | 61 | 0.964 | 27AH | 1.6 | 0.73 | 12.0 | 305 |
| 5027.106 | Violet | 715.5 | 37 | 0.974 | 27AH | 1.5 | 0.68 | 12.0 | 305 |
| 5027.106 | Nasturtium | 715.5 | 61 | 0.975 | 27AH | 1.5 | 0.68 | 12.0 | 305 |
| 5027.106 | Petunia | 750.0 | 37 | 0.997 | 27AH | 1.5 | 0.68 | 12.0 | 305 |
| 5027.106 | Cattail | 750.0 | 61 | 0.998 | 27AH | 1.5 | 0.68 | 12.0 | 305 |
| 5030.109 | Arbutus | 795.0 | 37 | 1.026 | 30AH | 2.1 | 0.95 | 13.0 | 330 |
| 5030.109 | Lilac | 795.0 | 61 | 1.028 | 30AH | 2.1 | 0.95 | 13.0 | 330 |
| 5030.109 | — | 800.0 | 37 | 1.031 | 30AH | 2.1 | 0.95 | 13.0 | 330 |
| 5030.109 | Heliotrope | 800.0 | 61 | 1.031 | 30AH | 2.1 | 0.95 | 13.0 | 330 |
| 5030.116 | Snapdragon | 900.0 | 61 | 1.094 | 30AH | 2.0 | 0.91 | 13.0 | 330 |
| 5030.122 | Magnolia | 954.0 | 37 | 1.124 | 30AH | 1.8 | 0.82 | 13.0 | 330 |
| 5030.122 | Goldenrod | 954.0 | 61 | 1.126 | 30AH | 1.8 | 0.82 | 13.0 | 330 |
| 5030.122 | Camellia | 1000.0 | 61 | 1.152 | 30AH | 1.8 | 0.82 | 13.0 | 330 |
| 5030.122 | Bluebell | 1033.5 | 37 | 1.170 | 30AH | 1.8 | 0.82 | 13.0 | 330 |
| 5030.122 | Larkspur | 1033.5 | 61 | 1.172 | 30AH | 1.8 | 0.82 | 13.0 | 330 |
| 5034.128 | Marigold | 1113.0 | 61 | 1.216 | 34AH | 2.8 | 1.27 | 14.0 | 358 |
| 5034.134 | Hawthorn | 1192.5 | 61 | 1.258 | 34AH | 2.6 | 1.18 | 14.0 | 358 |
| 5034.134 | Narcissus | 1272.0 | 61 | 1.300 | 34AH | 2.6 | 1.18 | 14.0 | 358 |
| 5036.144 | Columbine | 1351.0 | 61 | 1.340 | 36AH | 3.2 | 1.45 | 15.0 | 381 |
| 5036.144 | Carnation | 1431.0 | 61 | 1.379 | 36AH | 3.2 | 1.45 | 15.0 | 381 |
| 5036.147 | — | 1500.0 | 91 | 1.412 | 36AH | 3.1 | 1.41 | 15.0 | 381 |
| 5036.147 | Gladiolus | 1510.5 | 61 | 1.187 | 36AH | 3.1 | 1.41 | 15.0 | 381 |
| 5038.156 | Coreopsis | 1590.0 | 61 | 1.250 | 38AH | 3.8 | 1.72 | 16.0 | 406 |
| 5038.156 | Dogwood | 1590.0 | 91 | 1.454 | 38AH | 3.8 | 1.72 | 16.0 | 406 |
| 5040.162 | Jessamine | 1750.0 | 61 | 1.525 | 40AH | 4.5 | 2.04 | 17.0 | 432 |
| 5042.178 | Cowslip | 2000.0 | 91 | 1.630 | 42AH | 4.6 | 2.09 | 17.0 | 432 |
| 5044.181 | Sagebrush | 2250.0 | 91 | 1.729 | 44AH | 5.4 | 2.45 | 17.0 | 432 |
| 5044.181 | — | 2250.0 | 61 | 1.750 | 44AH | 5.4 | 2.45 | 17.0 | 432 |
| 5044.181 | — | 2300.0 | 91 | 1.750 | 44AH | 5.4 | 2.45 | 17.0 | 432 |
| 5044.188 | Lupine | 2500.0 | 91 | 1.823 | 44AH | 5.0 | 2.27 | 17.0 | 432 |
| 5048.197 | Bitterroot | 2750.0 | 91 | 1.912 | 48AH | 7.3 | 3.31 | 19.0 | 483 |

AAC
ACCESSORIES