



INFORMATION SHEET


**TIGHTENING TORQUE VALUES FOR
ILSCO MECHANICAL SCREW CONNECTORS**

| WIRE SIZE | TIGHTENING TORQUE IN INCH POUNDS | |
|-----------|---|---|
| | SCREW DRIVER | EXTERNAL DRIVE WRENCH |
| |  COMBO SLOTTED |  |
| 14 AWG | 35 | 75 |
| 12 AWG | 35 | 75 |
| 10 AWG | 35 | 75 |
| 8 AWG | 40 | 75 |
| 6 AWG | 45 | 110 |
| 4 AWG | 45 | 110 |
| 2 AWG | 50 | 150 |
| 1 AWG | 50 | 150 |
| 1/0 AWG | 50 | 180 |
| 2/0 AWG | 50 | 180 |
| 3/0 AWG | | 250 |
| 4/0 AWG | | 250 |
| 250kcmil | | 325 |
| 350kcmil | | 325 |
| 500kcmil | | 375 |
| 600kcmil | | 375 |
| 700kcmil | | 375 |
| 750kcmil | | 375 |
| 800kcmil | | 500 |
| 1000kcmil | | 500 |

FORM 1
Revised 9-21-2015

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**TIGHTENING TORQUE VALUES FOR
ILSCO SOCKETHEAD SCREW CONNECTORS**

| INTERNAL SOCKET SIZE ACROSS FLATS INCHES | TIGHTENING TORQUE IN INCH POUNDS |
|---|--|
| |  INTERNAL SOCKET |
| 1/8 | 45 |
| 5/32 | 100 |
| 3/16 | 120 |
| 7/32 | 150 |
| 1/4 | 200 |
| 5/16 | 275 |
| 3/8 | 375 |
| 1/2 | 500 |
| 9/16 | 600 |

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