

INFORMATION SHEET

TIGHTENING TORQUE VALUES FOR ILSCO MECHANICAL SCREW CONNECTORS

WIRE SIZE	TIGHTENING TORQUE IN INCH POUNDS	
	SCREW DRIVER 	EXTERNAL DRIVE WRENCH 
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 
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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