

# Recommended Torque Values



## INSTALLATION TORQUE VALUES FOR CIRCULAR ELECTRICAL CONNECTOR ACCESSORIES

Shell Sizes	<b>Group 1</b> Light and Medium Duty AS50151 (AS31001 Series) MIL-DTL-26482 Series I MIL-DTL-26500 MIL-DTL-27599 MIL-DTL-38999 Series I and II MIL-C-81511 Series I, II, III and IV AS81703 Series I	<b>Group 2</b> Heavy Duty AS50151 (AS34001 Series) MIL-DTL-22992 MIL-DTL-26482 Series II MIL-DTL-28840 MIL-DTL-38999 Series III and IV AS81703 Series III MIL-DTL-83723 Series I, II and III	<b>Group 2</b> Composite Material Coupling Threads (See Note 1)
<b>Torque Requirements in Inch-Pounds</b>			
8, 9, A	30/40	51/61	35
3, 10, 10SL, 11, B	30/40	71/81	35
7, 12, 12S, 13, C	35/45	103/113	45
14, 14S, 15, D	35/45	111/121	45
16, 16S, 17, E	35/45	111/121	45
18, 19, 27, F	35/45	111/121	45
20, 21, 37, G	75/85	131/141	80
22, 23, H	75/85	131/141	80
24, 25, 61, J	75/85	131/141	80
28, 29	115/125	143/153	120
32, 33	115/125	143/153	120
36	115/125	142/153	120
40	155/165	159/169	N/A
44	155/165	159/169	N/A
48	155/165	159/169	N/A

### TORQUE VALUES FOR CABLE CLAMP SCREWS

Torque requirements in Inch-Pounds for corrosion resistant or steel plated screws only

Screw Size	Into Aluminum or Corrosion Resistant Steel
2-56	1.5/2.5
4-40	3.5/4.5
6-32	5.0/7.0
8-32	7.0/9.0
10-32	9.0/11.0
.250-20	11.0/13.0

1) Use Glenair 600-091 and 600-007 Torque Tools when tightening hexagonal composite accessory couplings.

2) For additional guidance or values/conditions not listed, refer to SAE AIR6151.

### CABLE CLAMP WITH GROMMET - TORQUE VALUES

Torque Requirements in Inch-Pounds

Clamp Size	Torque Min/Max Values
3	30/40
4	30/40
6	35/55
8	35/55
10	35/55
12	40/60
16	40/60
20	40/60
24	80/100
28	80/100
32	80/100
40	80/100

EMI/RFI shielding terminated with conical metal ferrule(s) should employ a minimum recommended torque of 35 in-lb.

Dimensions in inches (millimeters) and are subject to change without notice.