

March 14, 2007

6 Bolt Grips Installation Procedure.

The correct way to install these grips is to start in the middle of the grip, tighten the bolts to a torque of 40ft-lbs, and progressively work to the two ends of the grip. Repeat the same sequence using 60ft-lbs again working from the middle to the two ends and finally go to 75ft-lbs using the same procedure as described above.

Note: for ACSS conductor, the torque will likely relax between passes. The soft aluminum of ACSS requires more attention to fastener torque. A total of 7 passes is recommended to verify the torque is at and maintaining 75 ft-lbs.

This procedure will give you the minimum-working load of 12,000 lbs on each of the sets of grips. This is not the grip's ultimate breaking tension because this value will vary with the type of wire being used.

You may find that your own tests will yield higher values if you take the tests to destruction, and from that data you will be able to develop your own internal procedures. Graphs of previous tests are available

PLEASE ENSURE THAT YOU ARE USING THE CORRECT GRIP FOR THE CABLE DIAMETER. IF YOU ARE NOT SURE PLEASE MEASURE THE GROVE SIZE AND REFER TO THE FACTORY FOR VERIFICATION. MORPAC INDUSTRIES: call (253) 735-8922.

Normally the grips are marked with the diameter of the intended cable in the groove of the grip.

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This procedure will give you the minimum-working load of 20,000 lbs on each of the sets of grips. This is not the grip's ultimate breaking tension because this value will vary with the type of wire being used.

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