

Using the GMP 6 Bolt Spring Lock Pocketbook Grips for Sagging OPGW and Other Aerial Conductors

6 BOLT SPRING LOCK GRIP SPECIFICATIONS:

Weight: 18 lbs (8.16kg)

Dim: L: 28.5 in. W: 4.58 in. H: 5.68 in.

Max tension limit: 12,000 lbs or 50% of rated strength of conductor, whichever is smaller.

Sizes: .410 - 1.259 inch dia.

Bolt size: 1/2 inch steel

Bale: 1/2 inch CR steel

Final Torque: 50 ft lb

Body: Extruded aluminum

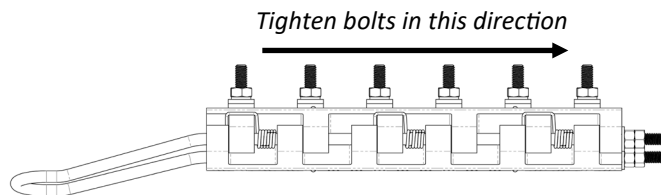


Important: Use Pocketbook Grips only with the conductor size marked on the tool. Do not hold conductors at sag tension limits for more than 6 hours. These grips are not designed for use as dead ends or permanent installation.

Maximum tension: Do not exceed 50% of the conductor's rated strength or 12,000 lbs, whichever is less.

Using a New Grip:

- 1. Loosen Bolts:** Loosen the bolts enough to open the grip wide enough to accommodate the conductor.
- 2. Positioning:** Place the grip at least 10 feet away from the dead end or joint being installed. This minimizes the risk of bird caging the conductor during compression.
- 3. Insert Conductor:** Open the 2 halves, insert the conductor into the channel, then carefully close the grip, and hand tighten the bolts.
- 4. Torque Adjustment:** Use a torque wrench to tighten the bolts.
 - a) On the first pass, tighten the bolts to 40 ft-lbs (80% of the target torque).
 - b) Tighten the bolts sequentially, starting from the loop end and moving to the tail end of the grip (refer to the diagram).
 - c) For the remaining passes, tighten to 50 ft-lbs. Repeat at least six times to ensure proper torque has been reached.



Using Previously Used Grips:

- 1. Inspection:** Thoroughly clean and inspect the clamps before each job. Check for issues such as cracked bodies, rough or nicked conductor channels, bent eye bolts, or damaged bails. Dispose of any damaged clamps.
- 2. Follow Standard Procedure:** After inspection, follow steps 1 to 4 outlined above for proper use.

For more information or assistance, contact:

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6 BOLT POCKETBOOK GRIPS AVAILABLE SIZES

Part Number	Conductor Diameter Range	Part Number	Conductor Diameter Range	Part Number	Conductor Diameter Range
78000-041	.410-.419	78000-070	.700-.709	78000-099	.990-.999
78000-042	.420-.429	78000-071	.710-.719	78000-100	1.000-1.009
78000-043	.430-.439	78000-072	.720-.729	78000-101	1.010-1.019
78000-044	.440-.449	78000-073	.730-.739	78000-102	1.020-1.029
78000-045	.450-.459	78000-074	.740-.749	78000-103	1.030-1.039
78000-046	.460-.469	78000-075	.750-.759	78000-104	1.040-1.049
78000-047	.470-.479	78000-076	.760-.769	78000-105	1.050-1.059
78000-048	.480-.489	78000-077	.770-.779	78000-106	1.060-1.069
78000-049	.490-.499	78000-078	.780-.789	78000-107	1.070-1.079
78000-050	.500-.509	78000-079	.790-.799	78000-108	1.080-1.089
78000-051	.510-.519	78000-080	.800-.809	78000-109	1.090-1.099
78000-052	.520-.529	78000-081	.810-.819	78000-110	1.100-1.109
78000-053	.530-.539	78000-082	.820-.829	78000-111	1.110-1.119
78000-054	.540-.549	78000-083	.830-.839	78000-112	1.120-1.129
78000-055	.550-.559	78000-084	.840-.849	78000-113	1.130-1.139
78000-056	.560-.569	78000-085	.850-.859	78000-114	1.140-1.149
78000-057	.570-.579	78000-086	.860-.869	78000-115	1.150-1.159
78000-058	.580-.589	78000-087	.870-.879	78000-116	1.160-1.169
78000-059	.590-.599	78000-088	.880-.889	78000-117	1.170-1.179
78000-060	.600-.609	78000-089	.890-.899	78000-118	1.180-1.189
78000-061	.610-.619	78000-090	.900-.909	78000-119	1.190-1.199
78000-062	.620-.629	78000-091	.910-.919	78000-120	1.200-1.209
78000-063	.630-.639	78000-092	.920-.929	78000-121	1.210-1.219
78000-064	.640-.649	78000-093	.930-.939	78000-122	1.220-1.229
78000-065	.650-.659	78000-094	.940-.949	78000-123	1.230-1.239
78000-066	.660-.669	78000-095	.950-.959	78000-124	1.240-1.249
78000-067	.670-.679	78000-096	.960-.969	78000-125	1.250-1.259
78000-068	.680-.689	78000-097	.970-.979		
78000-069	.690-.699	78000-098	.980-.989		