



MID-GRIP WIRE ROPE CLIP

SIZES: 3/16 to 3/4 in.

GET IMPROVED RELIABILITY AND LOAD SECUREMENT

The redesigned CM® Mid-Grip Wire Rope Clip features a secured hex bolt and nut design with precise threading for extraordinary strength.

IMPROVED HEX BOLT & NUT DESIGN

TIGHT, SECURE FIT

Hexagon bolt head fits securely into hex-shaped socket for exceptional rotation resistance. This prevents spinning even after repeated use and re-torquing.

PRECISE THREADING

Precise threading on bolt and nut ensures tight alignment and exceptional strength.

FEWER LOOSE PARTS TO DROP

Hex bolt is knurled and machine pressed into socket to securely couple with the saddle.



STANDARD BENEFITS & FEATURES

QUICK INSTALLATION & RETIGHTENING

Allows for full arc wrench swing for quicker installation and disassembly.

STRENGTH & WEARABILITY

Saddles are made of forged steel. Full assembly is mechanical galvanized per ASTM B695-04 Class 25 Type 1.

EASY IDENTIFICATION

Size, manufacturer and trace code are clearly marked on the saddle.

MEETS FEDERAL SPECIFICATIONS

Meets or exceeds performance requirements of FF-C-450 specifications, Type III, Class 1 and will provide maximum holding strength.



HEX IS BETTER THAN ROUND

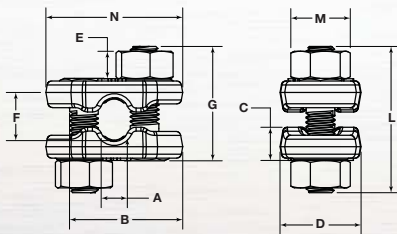
Unlike the CM® Mid-Grip Wire Rope Clip hexagon bolt design, Crosby's Fist Grip uses a spline bolt with a round head that is pressed into a circular socket. Their round design could be prone to slippage and spinning during repeated use and re-tightening.



CM® Mid-Grip Wire Rope Clip

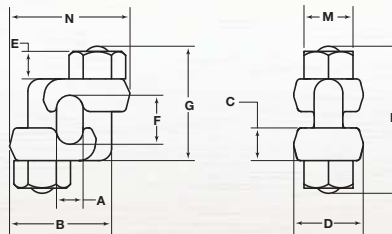


Crosby Fist Grip® Clip



NEW STYLE

Available in 3/16" through 5/8"



OLD STYLE

Available in 3/4" only

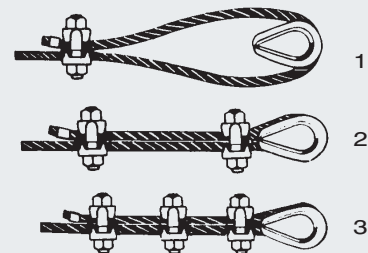
Size (in.)	Standard Package	Product Code	Dimensions (in.)										Minimum Number of Clips	Rope Turn-Back (in.)	Torque (ft./lbs.)	Weight (lbs.)
			A	B	C	D	E Thread	F	G	L Approx.	M	N				
New Style																
3/16	20	M2546	0.37	1.53	0.44	1.06	3/8 - 16	0.50	1.50	1.93	0.69	1.74	2	4	30	0.38
1/4	20	M2546	0.37	1.53	0.44	1.06	3/8 - 16	0.50	1.50	1.93	0.69	1.74	2	4	30	0.38
5/16	20	M2547	0.34	1.48	0.44	1.06	3/8 - 16	0.63	1.50	1.90	0.69	1.80	2	5	30	0.38
3/8	20	M2548	0.46	1.67	0.54	1.13	7/16 - 14	0.75	1.84	2.26	0.75	2.00	2	5.5	45	0.49
7/16	20	M2550	0.65	2.03	0.59	1.31	1/2 - 13	1.05	2.23	2.74	0.88	2.40	2	6.5	65	0.84
1/2	20	M2550	0.65	2.03	0.59	1.31	1/2 - 13	1.05	2.23	2.74	0.88	2.40	3	11	65	0.84
9/16	20	M2551	0.78	2.46	0.73	1.63	5/8 - 11	1.38	2.81	3.44	1.06	2.90	3	12.75	130	1.55
5/8	20	M2551	0.78	2.46	0.73	1.63	5/8 - 11	1.38	2.81	3.44	1.06	2.90	3	13.5	130	1.55
Old Style																
3/4	20	M2252	0.81	2.69	0.88	1.81	3/4 - 10	1.50	3.38	5.00	1.25	3.02	3	16	225	1.79

INSPECTION, CARE & USE

PROPER USE OF MID-GRIP CLIPS

1. Refer to chart above when following these instructions. Turn back specified amounts of rope from thimble or loop. Apply first clip one base width from dead end of rope. Tighten nuts evenly, alternating from one nut to the other until reaching the recommended torque.
2. When two clips are required, apply the second clip as near the loop or thimble as possible. Tighten nuts evenly, alternating until reaching the recommended torque. When more than two clips are required, apply the second clip as near the loop or thimble as possible and turn nuts on second clip firmly, but do not tighten. Proceed to step 3.

3. When three or more clips are required, space additional clips between first two and take up rope slack. Then tighten nuts on all clips, alternating from one nut to the other until reaching the recommended torque.
4. Apply an initial load equal to loads expected in use. Inspect for proper spacing and retighten the nuts to the recommended torque.



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