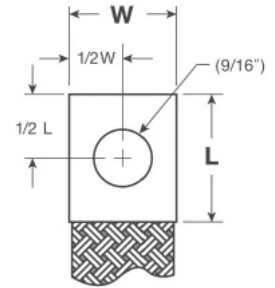


# Flexible Braids

Construction at a Glance | NEMA -1 Hole



Images not to scale.



## APPLICATIONS & INDUSTRIES

- Computer and Communications
- Electrolytic Processes
- Fuel Cells
- ISO-Phase
- Plating Operations
- Power Generation and Transmission
- Switchgear
- Telecommunication
- Transformer and Rectifiers

## CONSTRUCTION DETAILS

- Available in 1", 1 1/4", 1 3/8", 1 1/2", 2", 3", 4", 5" and 6" width
- Drilling patterns are NEMA Standard or per customer request
- Ferrules are typically 3" long
- (Maximum is 5 7/8")
- Bare or tin plated braid
- Silver, tin or nickel plated contact pads

## OPTIONS - BRAIDED FLEXIBLE CONNECTORS

Can be made to exact specifications. Other alternate options / constructions can include:

- Uncoated, bare electrical grade copper
- Tin plated copper
- Nickel plated copper for high temperature applications.
- Solid nickel or stainless steel for ultrahigh temperature applications
- Press welded process for secondary connectors result in homogeneous terminal; this process creates a cable termination with half the resistance, minimal voltage and a more balance flow of electrical current over typical compression terminals

## OPTIONS - BRAIDED FLEXIBLE CONNECTORS:

- Bare stranding and terminals
- Plated stranding and terminals
- Silver plated stranding and terminals
- Nickel plated stranding and terminals
- Compression terminals/Press welded terminals
- Insulation covers (rubber, heat shrink, coated fiberglass)
- Any combination of material finishes can be provided
- Current capacity to 3200 amps is available in a single braid assembly



## Ultra Flexible Strand I NEMA-1 Hole / Tin Plated

Dimensions and Ampacities											
Overall Length (inches)	Terminal	Terminal Length "L" (inches)	Terminal Width "W" (inches)	Terminal Thickness	Hole (inches)	Size kcmil	Construction Wide & Tall	Braid Type	Ampacity @ 30°C Rise	Ampacity @ 50°C Rise	Ampacity @ 65°C Rise
12	NEMA -1 Hole	1 1/2	1 1/2	0.188	9/16	105	1x1	48x88/36	227	301	346
12	NEMA -1 Hole	1 1/2	1 1/2	0.243	9/16	211	1x2	48x88/36	333	442	509
12	NEMA -1 Hole	1 1/2	1 1/2	0.379	9/16	422	1x4	48x88/36	507	673	774
12	NEMA -1 Hole	1 9/16	1 9/16	0.488	9/16	634	1x6	48x88/36	657	871	1002
18	NEMA -1 Hole	1 1/2	1 1/2	0.188	9/16	105	1x1	48x88/36	227	301	346
18	NEMA -1 Hole	1 1/2	1 1/2	0.243	9/16	211	1x2	48x88/36	333	442	509
18	NEMA -1 Hole	1 1/2	1 1/2	0.379	9/16	422	1x4	48x88/36	507	673	774
18	NEMA -1 Hole	1 9/16	1 9/16	0.488	9/16	634	1x6	48x88/36	657	871	1002
24	NEMA -1 Hole	1 1/2	1 1/2	0.188	9/16	105	1x1	48x88/36	227	301	346
24	NEMA -1 Hole	1 1/2	1 1/2	0.243	9/16	211	1x2	48x88/36	333	442	509
24	NEMA -1 Hole	1 1/2	1 1/2	0.379	9/16	422	1x4	48x88/36	507	673	774
24	NEMA -1 Hole	1 9/16	1 9/16	0.488	9/16	634	1x6	48x88/36	657	871	1002

\*For all constructions not listed above, please send us a copy of your drawings or visit our website: [www.watteredge.com](http://www.watteredge.com)

## Standard Flexible Strand I NEMA-1 Hole / Tin Plated

Dimensions and Ampacities											
Overall Length (inches)	Terminal	Terminal Length "L" (inches)	Terminal Width "W" (inches)	Terminal Thickness	Hole (inches)	Size kcmil	Construction Wide & Tall	Braid Type	Ampacity @ 30°C Rise	Ampacity @ 50°C Rise	Ampacity @ 65°C Rise
12	NEMA -1 Hole	1 1/2	1 1/4	0.293	9/16	212	1x2	24x44/30	311	412	473
12	NEMA -1 Hole	1 1/2	1 3/8	0.266	9/16	212	1x2	48x22/30	335	444	511
12	NEMA -1 Hole	1 1/2	1 1/2	0.244	9/16	212	1x2	48x22/30	334	443	510
12	NEMA -1 Hole	2	1 3/4	0.523	9/16	752	1x6	48x26/30	697	925	1065
18	NEMA -1 Hole	1 1/2	1 1/4	0.293	9/16	212	1x2	24x44/30	311	412	473
18	NEMA -1 Hole	1 1/2	1 3/8	0.266	9/16	212	1x2	48x22/30	335	444	511
18	NEMA -1 Hole	1 1/2	1 1/2	0.244	9/16	212	1x2	48x22/30	334	443	510
18	NEMA -1 Hole	2	1 3/4	0.523	9/16	752	1x6	48x26/30	697	925	1065
24	NEMA -1 Hole	1 1/2	1 1/4	0.293	9/16	212	1x2	24x44/30	311	412	473
24	NEMA -1 Hole	1 1/2	1 3/8	0.266	9/16	212	1x2	48x22/30	335	444	511
24	NEMA -1 Hole	1 1/2	1 1/2	0.244	9/16	212	1x2	48x22/30	334	443	510
24	NEMA -1 Hole	2	1 3/4	0.523	9/16	752	1x6	48x26/30	697	925	1065

\*For all constructions not listed above, please send us a copy of your drawings or visit our website: [www.watteredge.com](http://www.watteredge.com)

