

LOAD INSULATORS- ISO/LINK-AC

Proven performance in high-demand electrical environments.

ISO/Link— Series insulated links provide proven protection against electrical currents with practical designs and the latest in insulation technology. Special application links are designed to meet the needs of particular industries. ISO/ Link-AC insulators afford high-voltage outdoor protection for workers, while ISO/Link-DC insulators are geared toward higher temperature, indoor applications. All ISO/Links are thoroughly tested and retested as part of periodic maintenance. Each comes with a copy of its certified dielectric test report.

The insulating components within Miller links do not compromise the lifting capacity of the links. Links are available with clevis, eye, wedge or thimble caps, for maximum load capacities ranging from 3 to 60 tons.

Proven Performance in High-Voltage Environments

Miller ISO/Link-AC insulated links protect workers from the leading cause of electrical injury in the workplace, accidental contact between crane booms, and overhead power lines, while the tagman is touching the load.

Made of durable high-performance materials, ISO/Link-AC insulators isolate swivel hooks and high-lift blocks from electrical currents up to 33,000 volts. Sealed construction prevents the absorption of moisture and other contaminants. Interlocking arrangements insure reliable performance under the most demanding conditions.

ISO/Link-AC links are designed for use in utility and construction work, for high-voltage test labs and for manufacturing applications. The links are made with a polyurethane dielectric that surpasses natural rubber in durability and electrical resistance.

This new polyurethane dielectric is carefully molded to provide weather protection. Together with the newly designed Miller asymmetrical ISO/Core (patented), it creates a link at least 5 times more durable than preceding products.

A direct replacement for the original insulator, the ISO/Link-AC is presently tested for 50,000 Volts of AC current.

Due to its molded, weather-resistant construction, the ISO/Link-AC is not repairable in the field. Annual dielectric testing is therefore an essential part of proper maintenance.



ISO/Link-AC

Features

- Rated to 33,000 Volts AC
- Extended durability
- All-weather-proof
- Sealed to prevent moisture/contaminant absorption
- Fail-safe interlocking plate construction
- Mechanical design factor > 5:1

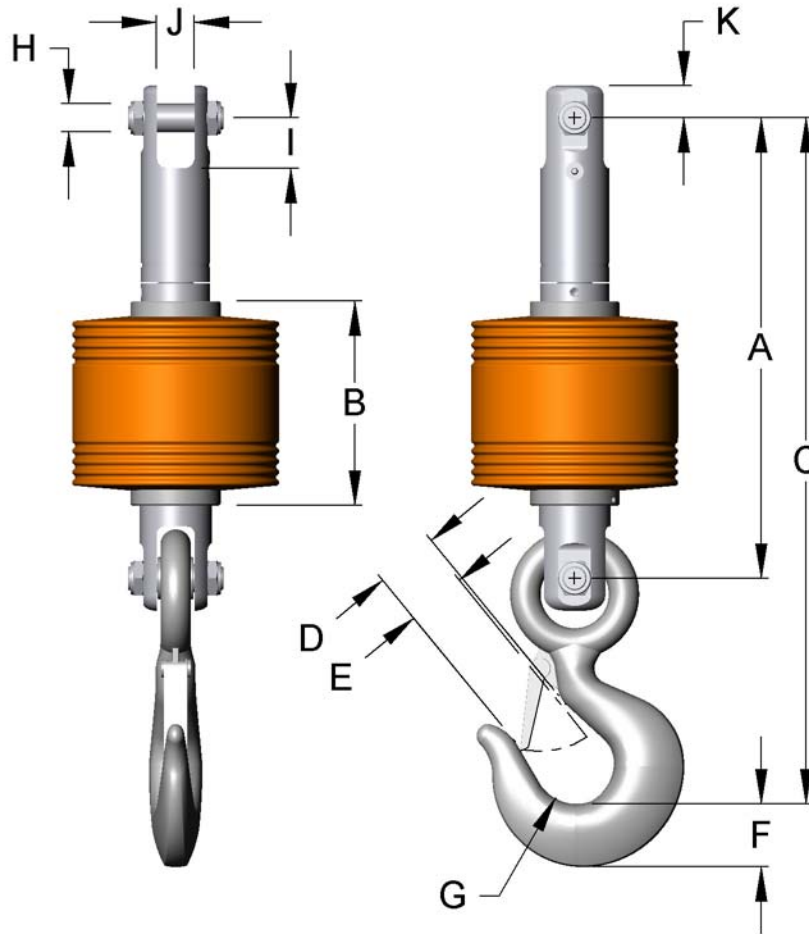
Applications

- Utilities
- Construction
- High-voltage test labs
- Manufacturing

	ISO/LINK-AC™	ISO/LINK-DC™
Rating	33,000 VAC	1,000 VDC
Application	Utilities, High Voltage Test Labs, Crane mfg.	Aluminum Smelters, Base & Transition Metal Reduction Plants
Construction	Cast Polyurethane (Proprietary Process) Interlocking, Fail-Safe Plate Arrangement (All Weather Products)	G-10 Fiberglass Interlocking, Fail-Safe Plate Arrangement (Not For Outside Use)
Comments	Sealed Construction Prevents Moisture & Contaminant Absorption Insuring Insulation Integrity	Inspectable, Repairable High Temperature Range

LOAD INSULATORS- ISO/LINK-AC

CLEVIS TO HOOK - TYPE 1

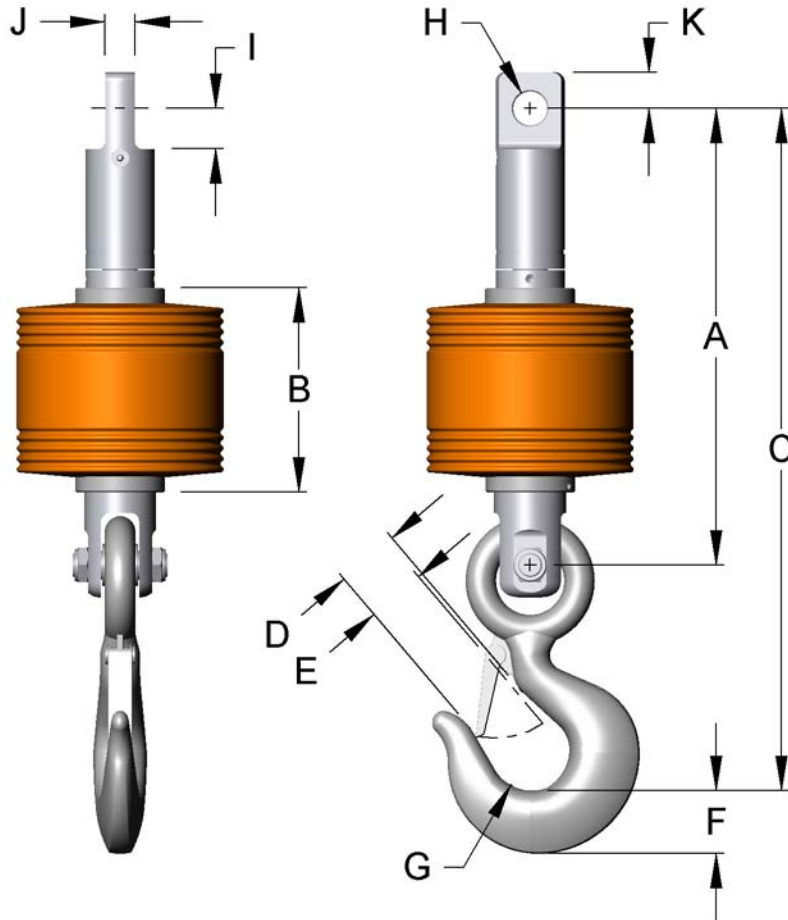


WLL* Tons	Model Number	Rope Size	A	B	C	D	E	F	G	H	I	J	K	Weight Lbs.	LINK DIA	SWIVEL
3	ML6C-1	1/2	13.03	6.13	18.44	1.50	1.03	1.38	1.38	0.75	1.19	.75	0.94	25	5.13	C-113
5	ML6D-1	5/8	15.00	6.13	21.75	1.88	1.69	1.69	1.78	0.88	1.56	1.00	1.13	33	5.13	D-113
5	ML8D-1	5/8	17.38	8.5	24.75	1.88	1.69	1.81	1.78	0.88	1.56	1.00	1.13	77	8.63	D-113
8.5	ML8E-1	3/4	18.94	8.5	28.25	2.50	2.25	2.63	2.56	1.19	2.13	1.56	1.25	96	8.63	EE-113
10	ML8G-1	7/8	24.00	8.5	35.13	3.38	3	3.00	1.88	1.5	3.50	1.75	1.75	144	8.63	G-113
15	ML12GG-1	1	26.00	10.5	37.13	3.38	3	3.00	2.88	1.5	3.50	1.75	1.75	247	11.88	GG-113
25	ML12H-1	1-1/8	28.25	10.5	45.19	4.25	3.75	4.56	3.88	2	3.69	2.00	2.38	342	11.88	H-113
35	ML12.5HH-1	1-1/4	28.25	12.25	45.19	4.25	3.75	4.56	3.88	2	3.69	2.00	2.38	370	12.5	HH-113
45	ML12.5I-1		32.00	12.25	50.94	4.75	4.25	5.06	4.75	2.25	4.00	2.50	3.00	475	12.5	I-113
60	ML12.5JJ-1		32.25	12.25	55	5.75	5.13	6.00	5.69	2.5	4.50	3.00	3.50	620	12.5	JJ-113

* Design factor = 5:1 except for units 45T and higher where Design factor = 4:1 minimum

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EYE TO HOOK - TYPE 2

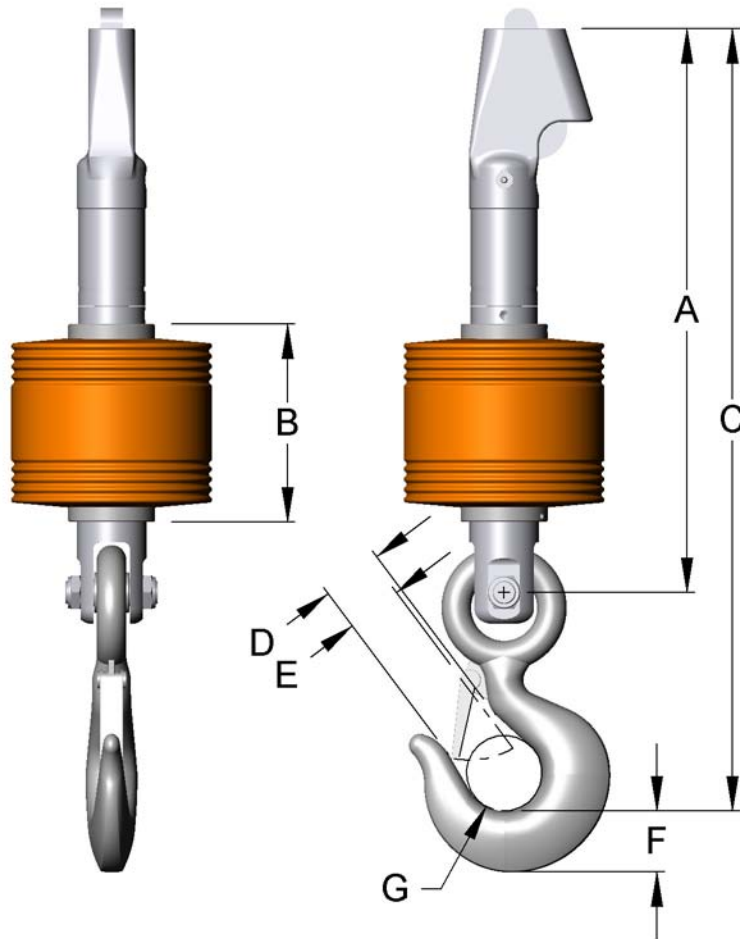


WLL* Tons	Model Number	Rope Size	A	B	C	D	E	F	G	H	I	J	K	Weight Lbs.	LINK DIA	SWIVEL
3	ML6C-2	1/2	13.00	6.13	18.5	1.50	1.69	1.38	1.38	0.91	4.00	.75	1.00	25	5.13	C-213
5	ML6D-2	5/8	14.94	6.13	21.69	1.88	1.69	1.69	1.78	1.28	1.31	1.00	1.19	33	5.13	D-213
5	ML8D-2	5/8	17.31	8.5	24.69	1.88	1.69	1.81	1.78	1.28	1.31	1.00	1.19	77	8.63	D-213
8.5	ML8E-2	3/4	18.75	8.5	28.06	2.50	2.25	2.63	9.56	1.41	1.63	1.25	1.50	96	8.63	EE-213
10	ML8G-2	7/8	23.94	8.5	36.06	3.38	3	3.00	2.88	1.66	2.84	1.75	1.81	144	8.63	G-213
15	ML12GG-2	1	25.94	10.5	37.06	3.38	3	3.00	2.88	2.03	2.84	2.00	2.13	247	11.88	GG-213
25	ML12H-2	1-1/8	28.25	10.5	45.19	4.25	3.75	4.56	3.88	2.31	2.88	2.25	2.38	342	12.5	H-213
35	ML12.5HH-2	1-1/4	28.25	12.25	45.19	4.25	3.75	4.56	2.44	2.31	2.88	2.25	2.38	370	12.5	HH-213
45	ML12.5I-2		32.00	12.25	50.94	4.75	4.25	5.06	2.53	2.53	3.50	2.50	3.00	475	12.5	I-213
60	ML12.5JJ-2		32.25	12.25	55	5.75	5.13	6.00	2.53	2.88	4.00	2.50	3.5	620	12.5	JJ-213

* Design factor = 5:1 except for units 45T and higher where Design factor = 4:1 minimum

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WEDGE TO HOOK - TYPE 3

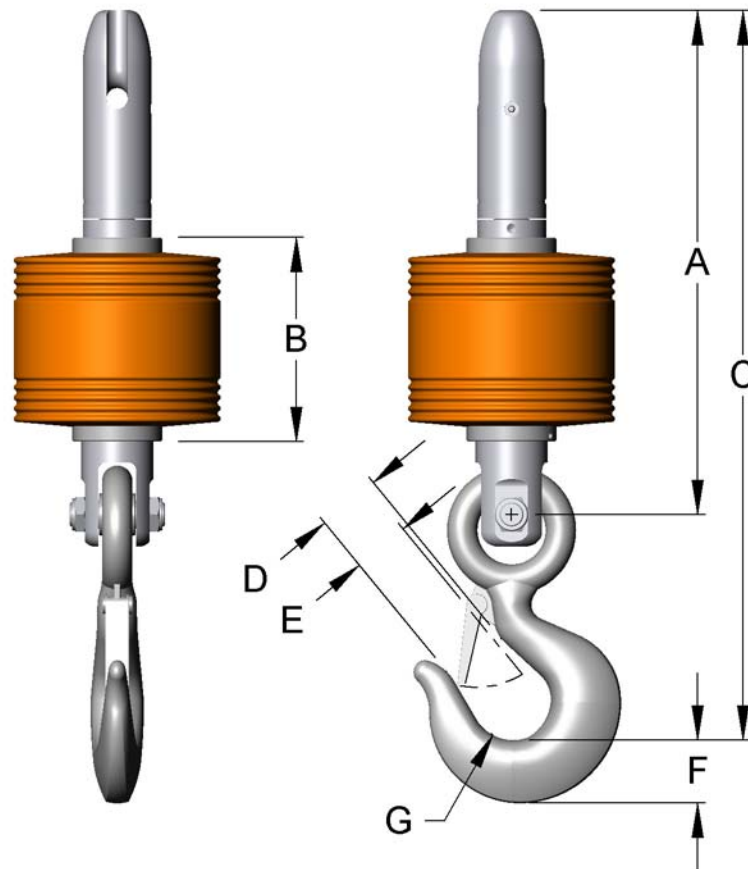


WLL* Tons	Model Number	Rope Size	A	B	C	D	E	F	G	Weight Lbs.	LINK DIA	SWIVEL
3	ML6C-3	1/2	17.19	6.13	22.56	1.50	1.34	1.38	1.38	27	5.13	C-713
5	ML6D-3	1/2, 5/8	19.63	6.13	27.94	1.88	1.69	1.69	1.75	36	5.13	D-713
5	ML8D-3	1/2, 5/8	22.00	8.5	29.38	1.88	1.69	1.81	1.78	80	8.63	D-713
8.5	ML8E-3	1/2, 5/8, 3/4	23.94	8.5	33	2.50	2.25	2.63	2.56	102	8.63	E-713
10	ML8G-3	3/4, 7/8, 1	27.75	8.5	38.88	3.38	3	3.00	2.88	151	8.63	G-713
10	ML12GG-3	3/4, 7/8, 1	29.75	10.5	40.88	3.38	3	3.00	2.88	254	11.88	GG-713

* Design factor = 5:1 except for units 45T and higher where Design factor = 4:1 minimum

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THIMBLE TO HOOK - TYPE 4

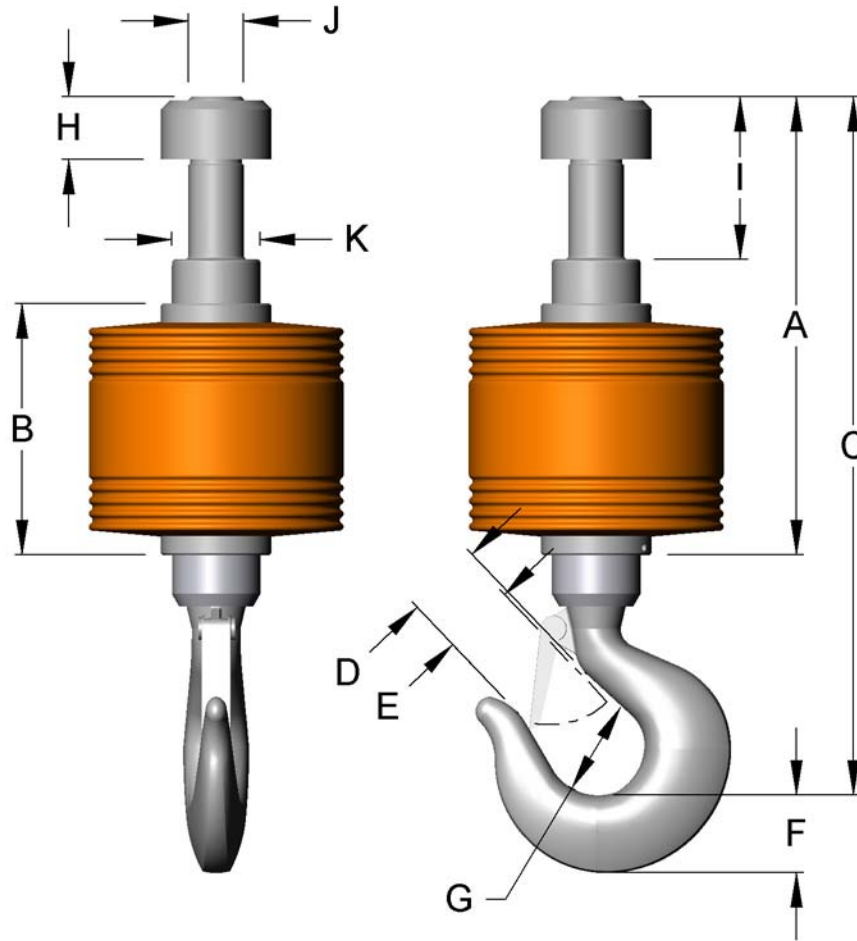


WLL* Tons	Model Number	Rope Size	A	B	C	D	E	F	G	Weight Lbs.	LINK DIA	SWIVEL
3	ML6C-4	1/2	14.84	6.13	20.25	1.50	1.34	1.38	1.38	26	5.13	C-413
5	ML6D-4	5/8	16.38	6.13	24.81	1.88	1.69	1.69	1.75	34	5.13	D-613
5	ML8D-4	5/8	16.00	8.5	23.38	1.88	1.69	1.81	1.78	78	8.63	D-613
8.5	ML8E-4	3/4	20.69	8.5	30	2.50	2.25	2.63	2.56	98	8.63	E-813
10	ML8G-4	7/8	25.50	8.5	36.63	3.38	3	3.00	2.88	148	8.63	G-613
15	ML12GG-4	1	27.50	10.5	38.63	3.38	3	3.00	2.88	251	11.88	GG-613

* Design factor = 5:1 except for units 45T and higher where Design factor = 4:1 minimum

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NON-SWIVELING STUD TO HOOK - TYPE 14

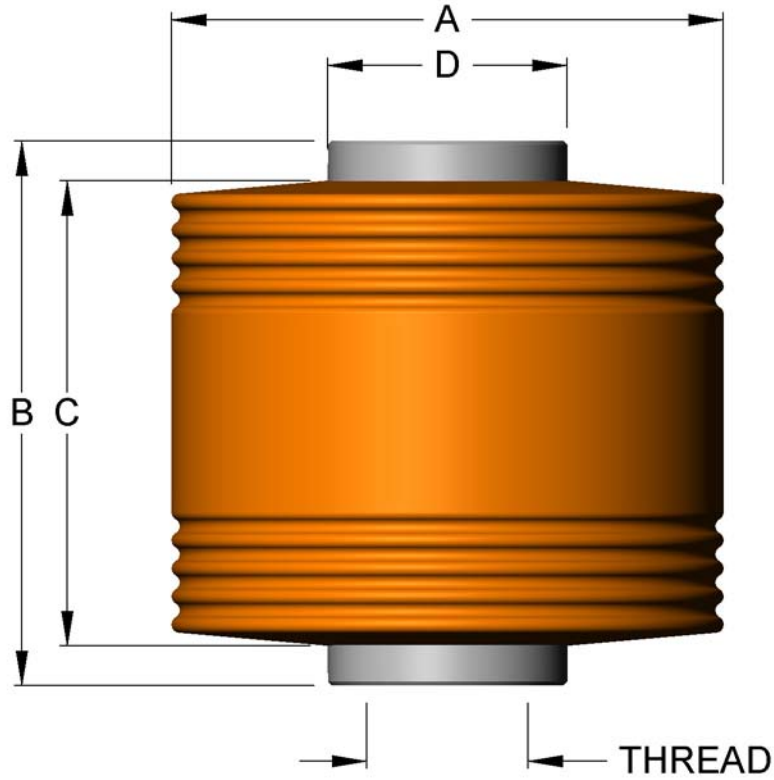


WLL* Tons	Model Number	A	B	C	D	E	F	G	H	I	J	K
5	ML8-14-5-1	14.63	8.5	23.06	2.50	2.25	2.59	8.69	1.56	4.63	1.25-7	3
10	ML8-14-10	13.50	8.5	21.94	2.50	2.25	2.59	8.69	1.31	3.50	1.625-12	3
15	ML12-14-15	16.94	10.5	27.81	3.38	3	3	11.00	1.56	4.38	1.778-12	4
25	ML12-14-25	18.31	10.5	30.06	4.00	3.63	3.66	13.63	2.56	5.31	2.25-12	4
35	ML12.5-14-35	23.00	12.25	35.5	4.25	3.75	4.56	14.06	3	7.75	2.5-12	4.75
60	ML12.5-14-60	25.50	12.25	38.5	5.75	5.13	6	18.50	5.13	10.38	4.0-10	4.5

* Design factor = 5:1

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LINK ONLY



WLL* Tons	Model Number	A	B	C	D	THREAD	Weight Lbs.
5	VD-1	7.38	6.25	5.5	2.25	1.68-12UN	13.7
10	VE	8.62	8.5	7.26	3.75	2.50-8UN	41
25	VG	11.88	10.5	8.75	4.50	3.25-12UN	95
60	VJJ	12.38	12.25	9.75	5.75	4.00-12UN	150

* Design factor 5:1 (Link only)