

WIRE MESH SLINGS

Widely used in metalworking shops and steel warehouses where loads are abrasive, hot or tend to cut web slings.

Features and Benefits

Promotes Safety

- Steel construction resists abrasion and cutting.
- Each sling is permanently stamped with capacity and serial number.
- Grips contour of the load.
- Each sling is proof-tested and certified.

Saves Money

- Grips load firmly without stretching - reduces load damage.
- Resists abrasion and cutting for greater sling life.
- Low stretch and wide-bearing area distributes load to help avoid damage.

- The slings are repairable.
- Alloy steel end fittings are zinc plated for long life.
- Wire mesh is galvanized to resist corrosion.

Saves Time

- Width of mesh helps control and balance load.
- End fittings accommodate most large crane hooks.

Environmental Considerations

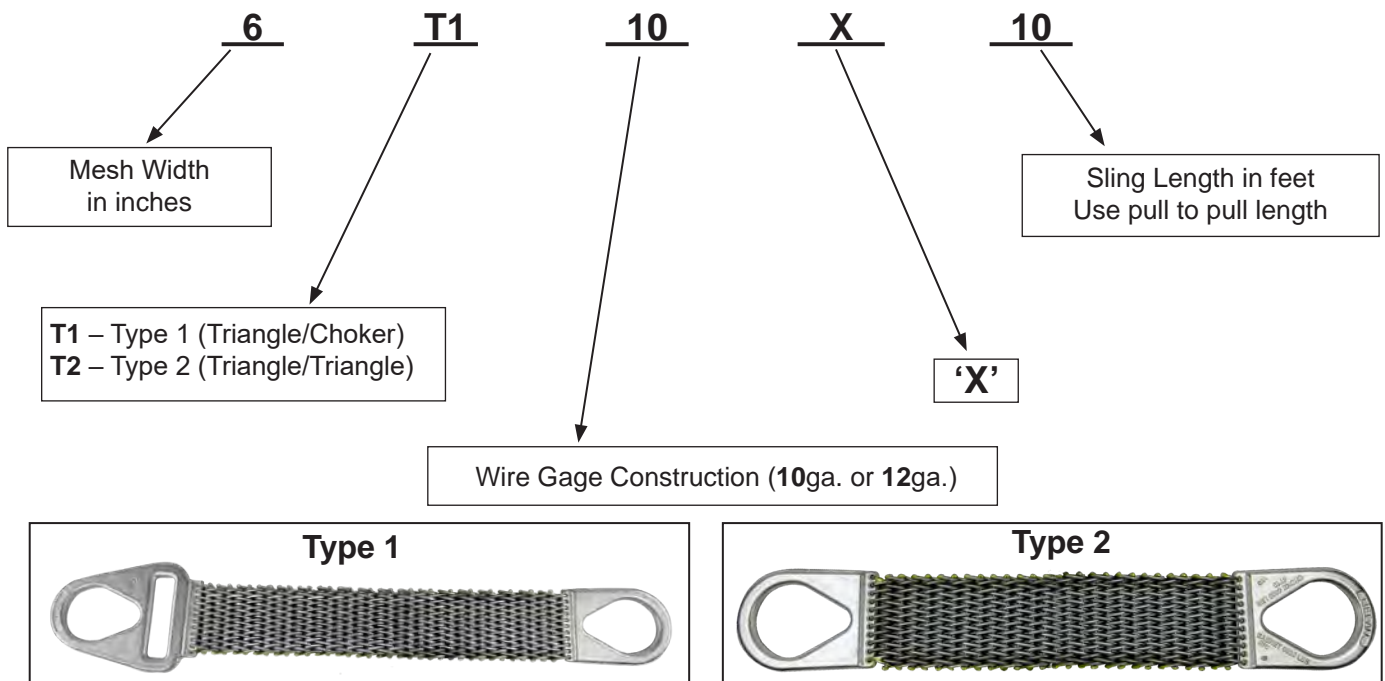
- Wire mesh slings shall not be used at temperatures above 550°F.
- Store in a clean, dry area.

Roughneck Wire Mesh Sling Construction - 10 Gage Standard

Alloy steel end fittings are zinc plated. Mesh is 10 gage galvanized high tensile steel (12 gage upon request).

Optional: Type 304 stainless steel mesh is available for use in corrosive environments.

HOW TO ORDER WIRE MESH SLINGS



* **WARNING**

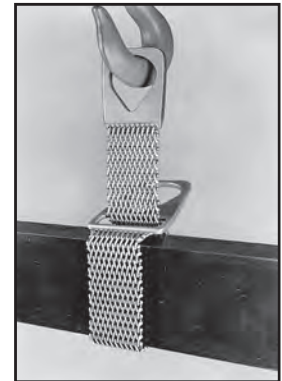
Do not edge load. Full width of mesh must contact load.

- General Information
- Web Slings
- Round Slings
- Sling Protection
- Wire Rope
- Chain Slings
- Rigging Hardware
- Mesh Slings
- Load Huggers
- Tow Products
- Lift-All Hoists
- Hoist Rings
- Plate Clamps
- Lifting Devices

WIRE MESH SLINGS

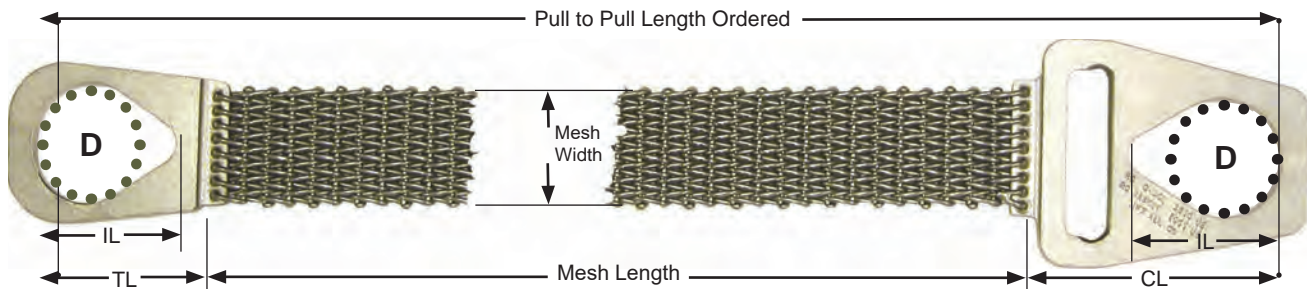
Under normal usage, wire mesh slings will eventually need repairs. *Lift-All* can perform this service and re-certify all sling brands at a relatively low cost. Wire mesh slings that are repaired are guaranteed to meet or exceed original specifications. Five *Lift-All* factories are strategically located in the U.S. to ensure prompt service. Wire mesh slings should be removed from service and/or repaired under the following conditions:

- A broken weld or brazed joint along the sling edge.
- A broken wire in any part of the mesh.
- Reduction in wire diameter of 25% due to abrasion or 15% due to corrosion.
- Lack of flexibility due to distortion of the mesh.
- Visible distortion or wear of either end fitting.
- Cracked end fitting.



Wire Mesh Width (in.)	Rated Capacity* (lbs.)		
	Vertical	Choker	Basket
10 Gage – Heavy Duty			
2	2,300	2,300	4,600
3	3,500	3,500	7,000
4	4,800	4,800	9,600
6	7,200	7,200	14,400
8	9,600	9,600	19,200
10	12,000	12,000	24,000
12	14,400	14,400	28,800
14	16,800	16,800	33,600
16	19,200	19,200	38,400
18	21,600	21,600	43,200
20	24,000	24,000	48,000
12 Gage – Medium Duty			
2	1,600	1,600	3,200
3	2,400	2,400	4,800
4	3,200	3,200	6,400
6	4,800	4,800	9,600
8	6,400	6,400	12,800
10	8,000	8,000	16,000
12	9,600	9,600	19,200

NOTE: The choker fitting must not be positioned against a load edge or directly on the triangle fitting.



Nom. Mesh Width (in.)	Terminal Dimensions (in.)				Terminal Thickness (in.)		Approx. Weight of 3-ft. (lbs.) Type 1 Slings		Mesh Weight (Per ft. in lbs.)	
	MW	D	IL	TL	CL	10-GA	12-GA	10-GA	12-GA	10-GA
2	2.00	3.00	3.88	5.63	1/2	1/2	6	5	1.3	1.1
3	2.25	3.38	4.38	6.25	1/2	1/2	8	8	1.9	1.8
4	3.00	4.00	5.00	6.75	1/2	1/2	10	10	2.5	2.3
6	3.50	4.50	5.63	7.75	1/2	1/2	16	14	3.9	3.4
8	4.50	6.00	7.50	9.00	1/2	1/2	22	21	5.1	4.5
10	4.75	6.25	8.00	10.88	1/2	1/2	28	26	6.4	5.6
12	5.00	6.50	8.63	11.38	1/2	1/2	34	32	7.6	6.8
14	5.00	6.50	8.75	12.75	1/2	1/2	40	37	8.9	7.9
16	5.25	7.00	9.13	14.13	3/4	1/2	57	38	10	9.0
18	5.50	7.50	9.75	15.75	3/4	1/2	67	44	11	10
20	5.75	7.75	10.13	17.00	3/4	1/2	77	51	13	11

* **WARNING**

Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should not be used at angles of less than 30°. Refer to Effect of Angle chart in General Information section.