

CHAIN MESH SLINGS

Specialty slings for rugged applications

General Information
Web Slings
Round Slings
Sling Protection
Wire Rope
Chain Slings
Rigging Hardware
Mesh Slings
Cargo Control
Lift-All Hoists
Hoist Rings
Plate Clamps
Lifting Devices

Features and Benefits

Promotes Safety

- Each sling is permanently stamped with capacity and serial number for traceability.
- Steel construction resists abrasion and cutting.
- Each sling proof-tested and certified.

Saves Time

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

Saves Money

- Alloy steel end fittings coupled with G100 chain resist abrasion and cutting for greater sling life.
- Repairable.
- Sling flexibility allows fast and easy connection to load.
- Low stretch and wide-bearing area distributes load to help avoid damage.

Inspection Criteria* for Roughneck Chain Mesh Slings

Remove sling from service if any of the following conditions are visible:

- Wear, nicks, cracks, breaks, gouges, stretch, bends or weld spatter on chain or attachments.
- Discoloration from excessive temperature.
- Chain links and attachments won't hinge freely with adjacent links.
- Visible distortion or deformation of fitting.
- 15% reduction of original cross-sectional area of metal at any point of either end fitting.
- Cracked end fitting.

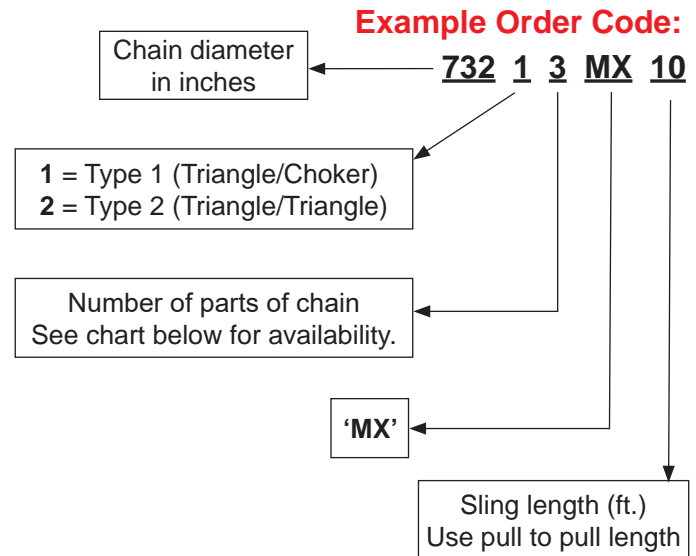
For more details, see inspection criteria in the Chain Sling section of this catalog.

Environmental Considerations

- Rated capacities of chain mesh are reduced at temperatures above 400°F.
- Store in clean, dry area to avoid corrosive action.

*All sling users must read and understand the safety bulletin provided with each sling.

HOW TO ORDER CHAIN MESH SLINGS

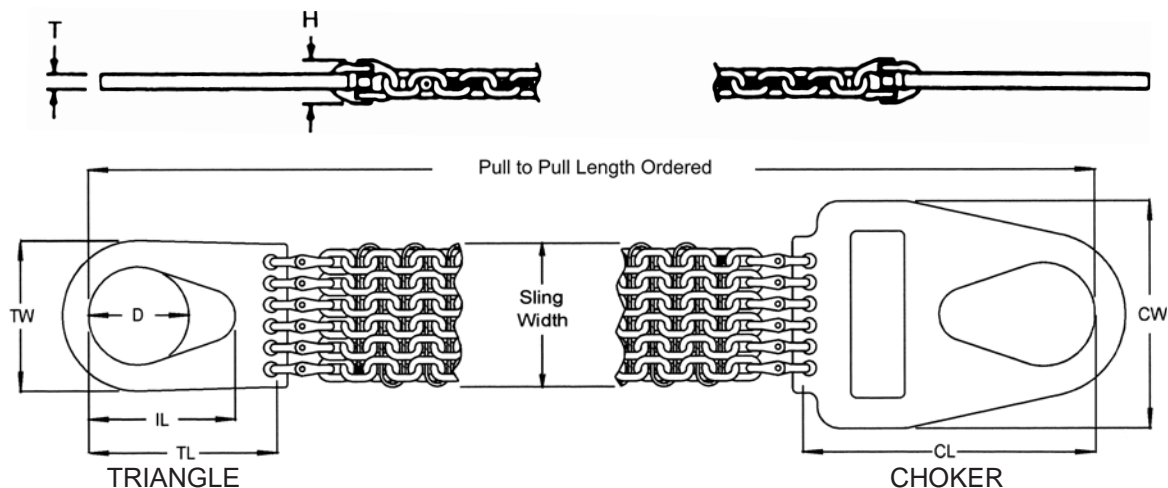


Chain Size (in.)	Parts of Chain	Sling Width (in.)	Rated Capacity (lbs.)*		
			Vertical	Choker	Basket
7/32	3	1-1/2	5,000	5,000	10,000
	4	2	6,700	6,700	13,400
	5	2-1/2	8,400	8,400	16,800
	6	3	10,000	10,000	20,000
9/32	3	2-1/8	8,400	8,400	16,800
	4	2-3/4	11,000	11,000	22,000
	5	3-3/8	14,000	14,000	28,000
	6	4	16,800	16,800	33,600
3/8	3	3-1/4	17,000	-	34,000
	4	4-3/8	22,700	-	45,400
	5	5-3/8	28,400	-	56,800
	6	6-1/2	34,000	-	68,000
1/2	2	3	19,200	-	38,400
	3	4-1/2	28,800	-	57,600
	4	6	38,400	-	76,800

* **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 of this catalog.

CHAIN MESH SLINGS

Type 1 Triangle & Choker



Chain Size (in.)	Parts of Chain	Dimensions (in.)									5 ft. Type 2 Wgt. (lbs.)	Wgt. (per ft. in lbs.)
		Dia. D	Inside Length IL	Triangle Length TL	Triangle Width TW	Choker Length CL	Chocker Width CW	Sling Width	Sling Thck. T	Sling Height H		
7/32	3	2.75	4.13	6.75	4.75	9.00	7.13	1.50	0.38	1.25	10	1.3
	4	3.00	4.50	7.13	5.00	9.38	7.13	2.00	0.38	1.25	12	1.8
	5	3.50	5.25	8.00	5.50	10.13	7.75	2.50	0.38	1.25	14	2.2
	6	3.75	5.63	8.25	5.75	10.63	8.25	3.00	0.38	1.25	17	2.7
9/32	3	2.75	4.13	6.75	4.75	9.00	7.13	2.13	0.50	1.75	14	2.2
	4	3.00	4.50	7.13	5.00	9.38	7.25	2.75	0.50	1.75	18	3.0
	5	3.50	5.25	8.0	5.50	10.13	7.75	3.38	0.50	1.75	22	3.7
	6	3.75	5.63	8.25	5.75	10.63	8.25	4.00	0.50	1.75	26	4.5
3/8	3	3.50	5.25	6.88	5.00	-	-	3.25	0.75	2.25	30	4.4
	4	4.38	6.50	8.13	6.38	-	-	4.38	0.75	2.25	41	5.8
	5	4.38	6.50	8.38	7.38	-	-	5.38	0.75	2.25	55	7.3
	6	5.25	7.88	9.75	8.25	-	-	6.50	0.75	2.25	59	8.8
1/2	2	3.50	5.25	6.88	5.00	-	-	3.00	1.0	3.13	33	5.2
	3	4.38	6.50	8.38	6.38	-	-	4.50	1.0	3.13	50	7.7
	4	5.25	7.88	9.75	7.75	-	-	6.00	1.0	3.13	62	10

Note: Length tolerance ± 2 chain links so plane is maintained.