



Tuffy Tri-Braid Slings

Tuff and flexible slings, for your toughest most demanding loads.

Tuffy wire
products

Tuff slings for you

Unmatched Flexibility

The unique 3x3 strand design of all Tuffy tri-braid slings consists of a patented machine-braided wire fabric with interlaced construction resulting in a flexibility and abrasion resistance far superior to standard rope strands. Made of industrial-grade steel and constructed with the highest quality standards, only Tuffy slings possess the perfect balance of strength, flexibility and durability.



Longer Service Life

Because machine braiding produces proper balancing of all parts, the outcome is a highly efficient sling with a much longer service life. Even if one of the braided parts is cut or broken, there is no stranding. Durable and reliable, Tuffy tri-braid slings perform to unprecedented standards keeping working environments more productive and effective.

Quicker and Easier Loading

Workers now have an easy-to-handle tool that significantly eases and speeds the hitching and unhitching process. Tuffy's flexibility enables greater sling control, and the unique construction yields a safer, more secure sling significantly less prone to dangerous recoils and breakage.

Complete Knot and Kink Resistance

Tuffy Tri-braid slings are virtually impervious to kinking and knotting due to the machine-braided and interlaced construction. Nothing short of a vice can leave a mark on a Tuffy sling, and even then the ridge simply straightens out with no material damage. Where a standard sling's strength can be canceled out if stiffness imposes abnormal fatigue which saps the sling's endurance, the flexibility and balance built into every tri-braid sling renders this issue obsolete.



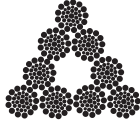
our toughest load.

Tuffy Tri-Braid Wire Rope Construction

A typical tri-braid wire rope may be designated as:

3x3x41

This translates to:
3 strands braided together to form 3 bundles of 3, each made up of 41 individual wires per strand to form a total of 9 strands and 369 wires total.
More wires = more flexibility.

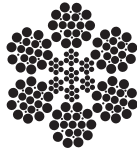


Typical Wire Rope Construction

A typical wire rope may be designated as:

6x25 FW PRF RRL XIP IWRC

This translates to:
6 strands of wire rope with 25 wires per strand (6x25) with filler wire (FW) and strands preformed (PRF) laid as Right Regular Lay (RRL) with a grade of: Extra Improved Plow Steel (XIP) around an Independent Wire Rope Core (IWRC)

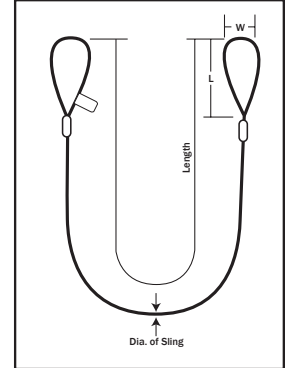


T-1 Tri-Braid Sling - Single Ply

Standard Eye/Eye Sling - Single Leg

Application: General purpose sling for straight or basket hitches.

Rated capacity in tons						
Rope Diameter (inches)	Eye Size (inches)	WLL Vertical Tons	Vertical Basket Tons	Basket 60° Tons	Basket 45° Tons	Basket 30° Tons
1/4	3x6	0.45	0.9	0.78	0.64	0.45
3/8	3x6	0.95	1.9	1.6	1.3	0.95
1/2	4x8	1.7	3.4	2.9	2.4	1.7
5/8	5x10	2.6	5.2	4.5	3.7	2.6
3/4	6x12	3.7	7.4	6.4	5.2	3.7
7/8	6.5x13	5	10	8.7	7.1	5
1	7x14	6.3	13	11	8.9	6.3
1 1/4	8x16	9	18	16	13	9
1 1/2	9x18	12	24	21	17	12
1 3/4	10x20	15	30	26	21	15
2	12x24	20	40	35	28	20

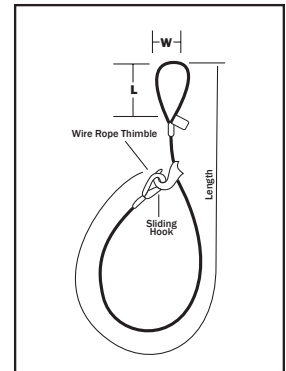


T-2 Tri-Braid Sling - Single Ply

Single Leg - With Sliding Choker Hook and Thimble Bottom

Application: Pipe, bundles, bars, castings, lumber - any type of load that can utilize a choker hook

Rated capacity in tons				
Rope Diameter (inches)	Eye Size (inches)	Galv. Thimble (1 ea.)	Sliding Choker Hook (1 ea.)	Vertical Choker Tons
1/4"	3x6"	1/4"	1/4"	0.34
3/8"	3x6"	3/8"	3/8"	0.71
1/2"	4x8"	1/2"	1/2"	1.3
5/8"	5x10"	5/8"	5/8"	2.0
3/4"	6x12"	3/4"	3/4"	2.8
7/8"	6.5x13"	7/8"	7/8"	3.8
1"	7x14"	1"	1"	4.7
1 1/4"	8x16"	1 1/4"	1 1/4"	6.8
1 1/2"	9x18"	1 1/2"	1 1/2"	9.0

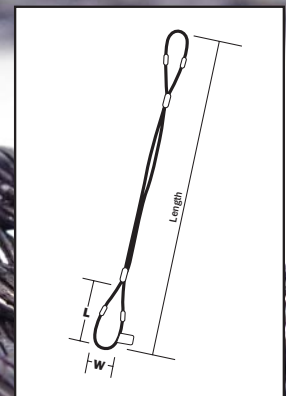


T-3D Tri-Braid Sling - Double Ply

Single Leg - Two Parts (2 ply) Spliced Together Side by Side

Application: When higher capacities are needed (2 ply) such as for locomotives, generators, pressure vessels, etc.

Rated capacity in tons				
Rope Diameter (inches)	Eye Size (inches)	WLL Vertical Tons	WLL Choker Tons	WLL Basket Tons
1/4"	3x6"	0.90	0.68	1.80
3/8"	4x8"	1.90	1.4	3.8
1/2"	5x10"	3.4	2.6	6.8
5/8"	6x12"	4.7	3.5	9.4
3/4"	7x14"	6.7	5.0	13.0
7/8"	8x16"	9.0	6.8	18.0
1"	8x16"	11.0	8.5	23.0
1 1/4"	9x18"	16.0	12.0	32.0
1 1/2"	10x20"	22.0	17.0	43.0
1 3/4"	11x22"	27.0	20.0	54.0



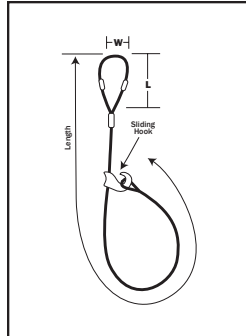
Tuffy Tri-Braid Slings

T-4D Tri-Braid Sling - Double Ply

Single Leg - Top Eye 2-parts Spliced Together w/Double Ply Body with Sliding Choker Hook and Thimble Bottom

Application: When higher capacities are needed. More flexibility is provided for choking smaller diameter loads.

Rated capacity in tons				
Rope Diameter (inches)	Eye Size (inches)	Sliding Choker Hook (1 ea.)	Galvanized Thimble (1 ea.)	WLL Choker Tons
1/4"	3x6"	3/8"	1/4"	0.68
3/8"	4x8"	#2	3/8"	1.4
1/2"	5x10"	#4	1/2"	2.6
5/8"	6x12"	#5	5/8"	3.5
3/4"	7x14"	#5	3/4"	5.0
7/8"	8x16"	#6	7/8"	6.8
1"	8x16"	#7	1"	8.5
1 1/4"	9x18"	#8	1 1/4"	12.0

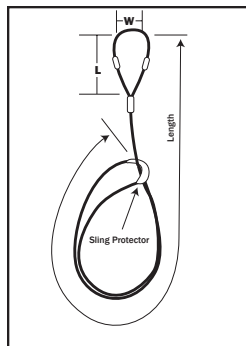


T-5D Tri-Braid Sling - Double Ply

Single Leg - 2 Side-by-Side Parts w/Crescent Thimble in Bottom Loop

Application: Gives more stability than single part for handling such loads as tanks, coils, castings, barrels and boxes.

Rated capacity in tons			
Rope Diameter (inches)	Eye Size (inches)	Crescent Thimble (1 ea.)	WLL Choker Tons
1/4"	3x6"	6C	0.68
3/8"	4x8"	6C	1.4
1/2"	5x10"	8C	2.6
5/8"	6x12"	9C	3.9
3/4"	7x14"	10C	5.6
7/8"	8x16"	14C	7.5
1"	8x16"	16C	9.5
1 1/4"	9x18"	20C	14.0

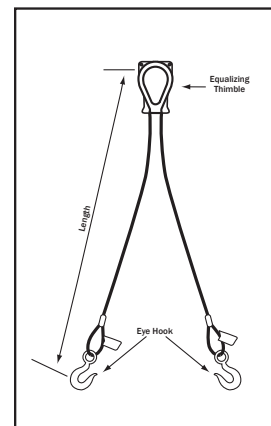


T-6 Tri-Braid Sling - Single Ply

2-Leg Bridle Sling with Equalizing Thimble Top and Hooks Bottom

Application: For oddly shaped loads - high one end, low other - legs adjust and equalize.

Rated capacity in tons							
Rope Diameter (inches)	Eye Size (inches)	Equalizing Thimble (1 ea.)	Alloy Eye Hook (2 ea.)	WLL Vertical Tons	WLL 60° Tons	WLL 45° Tons	WLL 30° Tons
1/4"	3x6"	3E	1 Ton	0.9	0.78	0.64	0.45
3/8"	3x6"	3E	1.5 Ton	1.9	1.6	1.3	0.95
1/2"	4x8"	4E	3 Ton	3.4	2.9	2.4	1.7
5/8"	5x10"	6E	5 Ton	5.2	4.5	3.7	2.6
3/4"	6x12"	6E	5 Ton	7.4	6.4	5.2	3.7
7/8"	6.5x13"	8E	7 Ton	10.0	8.7	7.1	5.0
1"	7x14"	8E	11 Ton	13.0	11.0	8.9	6.3
1 1/4"	8x16"	10E	15 Ton	18.0	16.0	13.0	9.0
1 1/2"	9x18"	12E	15 Ton	24.0	21.0	17.0	12.0
1 3/4"	10x20"	14E	22 Ton	30.0	26.0	21.0	15.0
2"	12x24"	16E	30 Ton	40.0	35.0	28.0	20.0



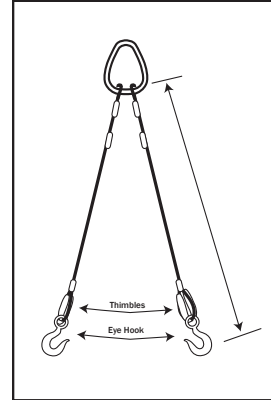
Configurations and Working Load Limits

T-7D Tri-Braid Sling - Double Ply

2-Leg Bridle Sling - Double Ply with Link Top and Hooks with Thimbles Bottom

Application: When higher capacities are needed.

Rated capacity in tons								
Rope Diameter (inches)	Eye Size (inches)	Galvanized Thimble (2 ea.)	Masterlink(O) or Pearlink(P) (1 ea.)	Alloy Eye Hook (2 ea.)	WLL Vertical Tons	WLL 60° Tons	WLL 45° Tons	WLL 30° Tons
1/4"	3x6"	1/4"	5/8" P	1.5 Ton	1.8	1.60	1.30	0.90
3/8"	4x8"	3/8"	7/8" P	3 Ton	3.8	3.3	2.7	1.90
1/2"	5x10"	1/2"	1 1/4" P	5 Ton	6.8	5.9	4.8	3.4
5/8"	6x12"	5/8"	1 1/4" O	7 Ton	9.4	8.1	6.6	4.7
3/4"	7x14"	3/4"	1 1/2" O	11 Ton	13.0	12.0	9.4	6.7
7/8"	8x16"	7/8"	1 3/4" O	15 Ton	18.0	16.0	13.0	9.0
1"	8x16"	1"	1 3/4" O	15 Ton	23.0	20.0	16.0	11.0
1 1/4"	9x18"	1 1/4"	2 1/8" O	30 Ton	32.0	28.0	23.0	16.0
1 1/2"	10x20"	1 1/2"	2 1/2" O	37 Ton	43.0	37.0	31.0	22.0
1 3/4"	11x22"	1 3/4"	2 3/4" O	45 Ton	54.0	47.0	38.0	27.0

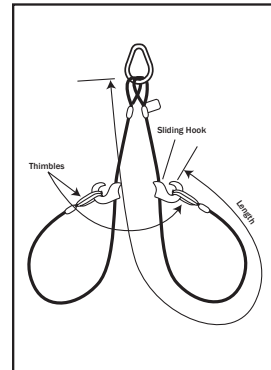


T-8 Tri-Braid Sling - Single Ply

2-Leg Bridle Sling with Link Top and Sliding Choker Hooks with Thimbles Bottom

Application: Helps eliminate load rotation and is better suited for handling pipe, bars, timber, tanks, castings and other loads which run in long lengths.

Rated capacity in tons								
Rope Diameter (inches)	Eye Size (inches)	Galvanized Thimble (2 ea.)	Masterlink(O) or Pearlink(P) (1 ea.)	Sliding Choker Hk (2 ea.)	WLL Vertical Tons	WLL 60° Tons	WLL 45° Tons	WLL 30° Tons
1/4"	3x6"	1/4"	1/2" P	1/4"	0.68	0.58	0.48	0.34
3/8"	3x6"	3/8"	1/2" P	3/8"	1.40	1.2	1.0	0.71
1/2"	4x8"	1/2"	3/4" P	1/2"	2.6	2.2	1.8	1.3
5/8"	5x10"	5/8"	7/8" P	5/8"	3.9	3.4	2.8	2.0
3/4"	6x12"	3/4"	1 1/4" P	3/4"	5.6	4.8	3.9	2.8
7/8"	6.5x13"	7/8"	1 1/4" P	7/8"	7.5	6.5	5.3	3.8
1"	7x14"	1"	1 1/4" O	1"	9.5	8.2	6.7	4.7
1 1/4"	8x16"	1 1/4"	1 1/2" O	1 1/4"	14.0	12.0	9.5	6.8
1 1/2"	9x18"	1 1/2"	1 3/4" O	1 1/2"	18.0	16.0	13.0	9.0

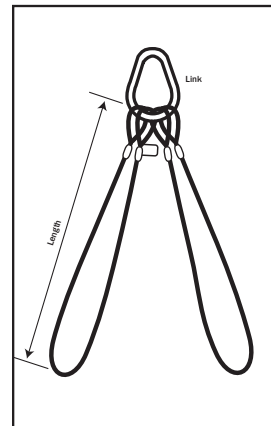


T-9 Tri-Braid Sling - Single Ply

2-Leg Double Loop Bridle Sling - Link Top and No Hooks

Application: Well suited for handling sheet steel, bar stock, lumber, structural shapes, flasks and castings.

Rated capacity in tons						
Rope Diameter (inches)	Eye Size (inches)	Masterlink(O) or Pearlink(P) (1 ea.)	WLL Vertical Tons	WLL 60° Tons	WLL 45° Tons	WLL 30° Tons
1/4"	3x6"	5/8" P	1.8	1.6	1.3	0.9
3/8"	3x6"	7/8" P	3.8	3.3	2.7	1.9
1/2"	4x8"	1 1/4" P	6.8	5.9	4.8	3.4
5/8"	5x10"	1 3/8" O	10.0	9.0	7.4	5.2
3/4"	6x12"	1 1/2" O	15.0	13.0	10.0	7.4
7/8"	6.5x13"	1 3/4" O	20.0	17.0	14.0	10.0
1"	7x14"	1 7/8" O	25.0	22.0	18.0	13.0
1 1/4"	8x16"	2 1/4" O	36.0	31.0	25.0	18.0
1 1/2"	9x18"	2 1/2" O	48.0	42.0	34.0	24.0
1 3/4"	10x20"	2 3/4" O	60.0	52.0	42.0	30.0
2"	12x24"	3 1/4" O	80.0	69.0	57.0	40.0



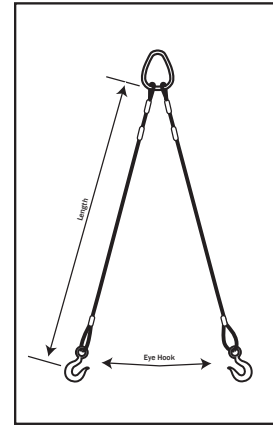
Tuffy Tri-Braid Slings

T-12 Tri-Braid Sling - Single Ply

Standard 2-leg Bridle Sling - Link Top/Hooks Bottom

Application: Lifting machinery, castings, motors and aircraft assemblies.

Rated capacity in tons							
Rope Diameter (inches)	Eye Size (inches)	Alloy Eye Hook (2 ea.)	Masterlink(O) or Pearlink (P) (1 ea.)	WLL Vertical Tons	WLL 60° Tons	WLL 45° Tons	WLL 30° Tons
1/4"	3x6"	1 Ton	1/2"P	0.90	0.78	0.64	0.45
3/8"	3x6"	1.5 Ton	5/8"P	1.90	1.6	1.3	0.95
1/2"	4x8"	3 Ton	7/8"P	3.4	2.9	2.4	1.7
5/8"	5x10"	5 Ton	1" P	5.2	4.5	3.7	2.6
3/4"	6x12"	5 Ton	1 1/4" P	7.4	6.4	5.2	3.7
7/8"	6.5x13"	7 Ton	1 1/4" O	10.0	8.7	7.1	5.0
1"	7x14"	11 Ton	1 1/2" O	13.0	11.0	8.9	6.3
1 1/4"	8x16"	15 Ton	1 3/4" O	18.0	16.0	13.0	9.0
1 1/2"	9x18"	15 Ton	1 7/8" O	24.0	21.0	17.0	12.0
1 3/4"	10x20"	22 Ton	2" O	30.0	26.0	21.0	15.0
2"	12x24"	30 Ton	2 1/2" O	40.0	35.0	28.0	20.0

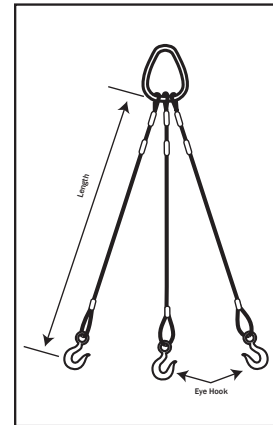


T-13 Tri-Braid Sling - Single Ply

Standard 3-leg Bridle Sling - Link Top/Hooks Bottom

Application: Lifting dies, castings and assemblies which must be placed carefully, sometimes in difficult locations.

Rated capacity in tons							
Rope Diameter (inches)	Eye Size (inches)	Alloy Eye Hook (3 ea.)	Masterlink(O) or Pearlink (P) (1 ea.)	WLL Vertical Tons	WLL 60° Tons	WLL 45° Tons	WLL 30° Tons
1/4"	3x6"	1 Ton	5/8" P	1.40	1.20	0.95	0.68
3/8"	3x6"	1.5 Ton	3/4" P	2.90	2.5	2.0	1.40
1/2"	4x8"	3 Ton	1" P	5.1	4.4	3.6	2.6
5/8"	5x10"	5 Ton	1 1/4" P	7.8	6.8	5.5	3.9
3/4"	6x12"	5 Ton	1 1/4" O	11.0	9.6	7.8	5.6
7/8"	6.5x13"	7 Ton	1 1/2" O	15.0	13.0	11.0	7.5
1"	7x14"	11 Ton	1 3/4" O	19.0	16.0	13.0	9.5
1 1/4"	8x16"	15 Ton	1 7/8" O	27.0	23.0	19.0	14.0
1 1/2"	9x18"	15 Ton	2 1/4" O	36.0	31.0	25.0	18.0
1 3/4"	10x20"	22 Ton	2 1/2" O	45.0	39.0	32.0	23.0
2"	12x24"	30 Ton	2 3/4" O	60.0	52.0	42.0	30.0

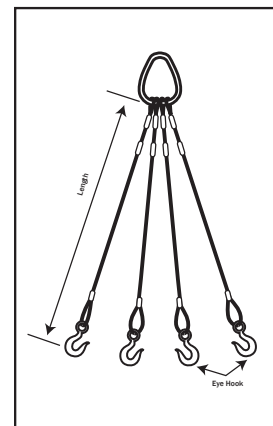


T-14 Tri-Braid Sling - Single Ply

Standard 4-leg Bridle Sling - Link Top/Hooks Bottom

Application: Use when extra stamina needed for heavy, bulky loads such as ship sections, planer beds, founders molds, pressure vessels, etc.

Rated capacity in tons							
Rope Diameter (inches)	Eye Size (inches)	Alloy Eye Hook (4 ea.)	Masterlink(O) or Pearlink (P) (1 ea.)	WLL Vertical Tons	WLL 60° Tons	WLL 45° Tons	WLL 30° Tons
1/4"	3x6"	1 Ton	5/8" P	1.80	1.60	1.30	0.90
3/8"	3x6"	1.5 Ton	7/8" P	3.80	3.3	2.7	1.90
1/2"	4x8"	3 Ton	1 1/4"P	6.8	5.9	4.8	3.4
5/8"	5x10"	5 Ton	1 3/8"O	10.0	9.0	7.4	5.2
3/4"	6x12"	5 Ton	1 1/2"O	15.0	13.0	10.0	7.4
7/8"	6.5x13"	7 Ton	1 3/4"O	20.0	17.0	14.0	10.0
1"	7x14"	11 Ton	1 7/8"O	25.0	22.0	18.0	13.0
1 1/4"	8x16"	15 Ton	2 1/4"O	36.0	31.0	25.0	18.0
1 1/2"	9x18"	15 Ton	2 1/2"O	48.0	42.0	34.0	24.0
1 3/4"	10x20"	22 Ton	2 3/4"O	60.0	52.0	42.0	30.0
2"	12x24"	30 Ton	3 1/4"O	80.0	69.0	57.0	40.0



Request for quotation.

**Photocopy, fill out and fax this page to:
Your Tuffly distributor
or call 1-877-889-TUFF**

Company Name _____

Date _____

Address _____

Reference Number _____

City _____ State _____ Zip _____

() ()
Phone _____ Fax _____

Name _____

E-mail _____

Sling Specifications

Quantity	Type (T1, T2, etc)	Rated Capacity Required	Size (Diameter x Length)	Need By Date

Special Instructions:

Warranty

Any warranty, expressed or implied as to quality, performance or fitness for use is always premised on the condition that the published rated capacities apply only to new, unused slings and assemblies, that the mechanical equipment on which such products are used is properly designed and maintained, that such products are properly stored, handled, used and maintained, and properly inspected on a regular basis during the period of use.

Seller shall not be liable under any circumstances for consequential or incidental damages or secondary charges including but not limited to personal injury, labor costs, a loss of profits resulting from the use of said products or from said products being incorporated in or becoming a component of any other product.

We care about your safety, look for warning tags on all slings we sell.



Tuff slings for your toughest load.



Tuffy Products

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