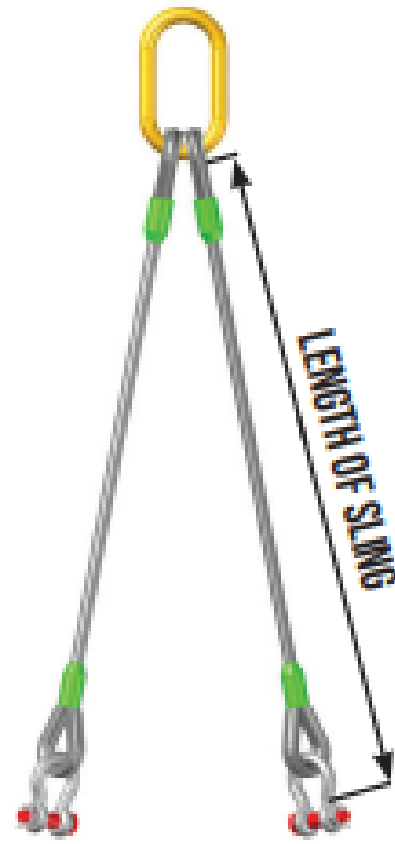


# 2-Leg Bridle

VERSITEC MARINE E INDUSTRIAL S.A. DE C.V.



## HH-202-TTS



Wire Rope Diameter (inches)	EIPS Capacities In Tons Angle With Horizontal			Recommended Master Link			Recomm. Shackle Size (Inches)	Recomm. Eye Hooks	Minimum Sling Length
	60 Deg	45 Deg	30 Deg	Dia.	Width	Length			
1/4"	1.1	0.91	0.65	1/2"	2.5"	5"	3/8"	3/4 ton	1'3"
3/8"	2.5	2.0	1.4	5/8"	3"	6"	1/2"	1.5 ton	1'8"
1/2"	4.4	3.6	2.5	3/4"	2.75"	5.5"	5/8"	3 ton	2'0"
5/8"	6.8	5.5	3.9	1"	3.5"	7"	3/4"	5 ton	2'4"
3/4"	9.7	7.9	5.6	1"	3.5"	7"	7/8"	7 ton	2'9"
7/8"	13	11	7.6	1-1/4"	4.3"	8.75"	1"	7.5 ton	3'3"
1"	17	14	9.8	1-1/2"	5.25"	11.5"	1-1/8"	10 ton	3'6"
1-1/8"	21	17	12	1-1/2"	5.25"	11.5"	1-1/4"	15 ton	4'0"
1-1/4"	26	21	15	1-3/4"	6"	12"	1-3/8"	15 ton	4'6"
1-3/8"	31	25	18	2"	7"	14"	1-1/2"	20 ton	5'0"
1-1/2"	37	30	21	2"	7"	14"	1-3/4"	22 ton	5'6"
1-3/4"	49	40	28	2-1/4"	8"	16"	2"	30 ton	6'6"
2"	63	52	37	2-1/2"	8"	16"	2-1/2"	37 ton	8'0"
2-1/4"	77	63	44	2-3/4"	9"	16"	2-1/2"	-	8'9"

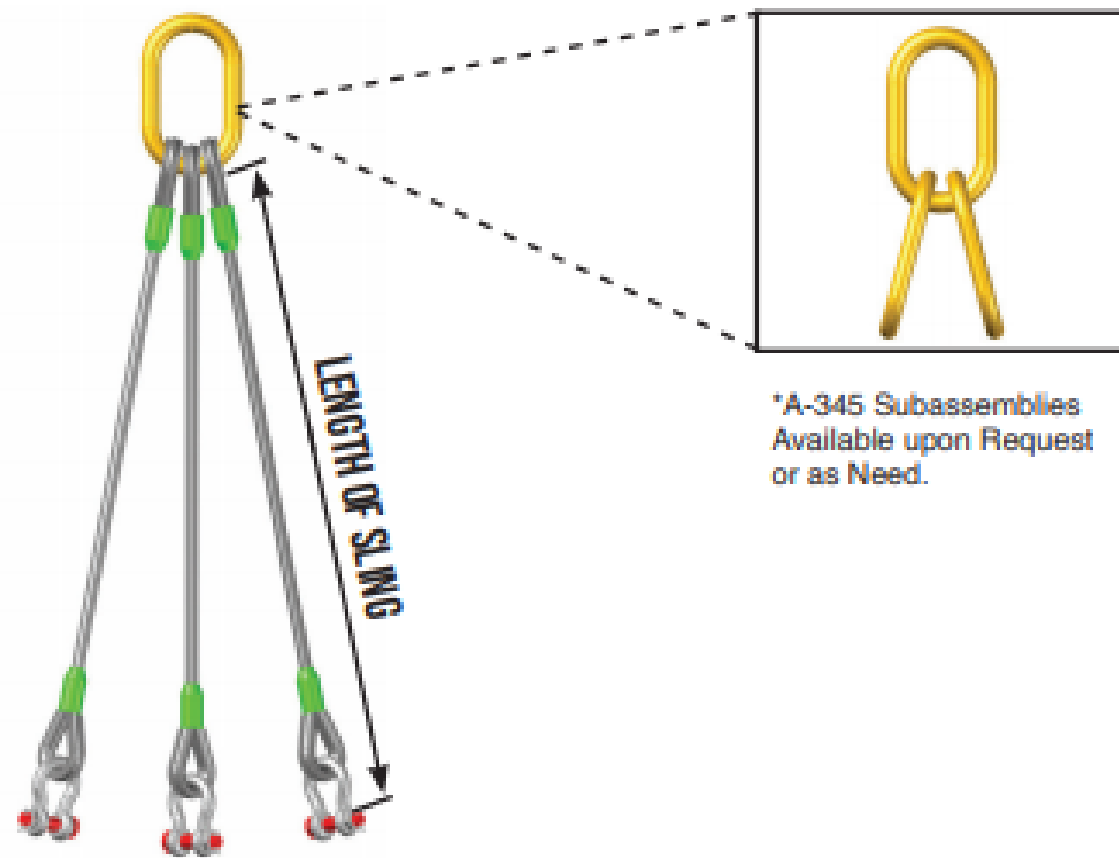
All master links are sized to accommodate heavy-duty thimbles.  
If thimbles are not required, a smaller master link may be appropriate.

All slings are proof-tested to 2 times working load limit. Design factor is 5:1.

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## HH-303-TTS



\*A-345 Subassemblies Available upon Request or as Need.

Wire Rope Diameter (inches)	EIPS Capacities In Tons Angle With Horizontal			Recommended Master Link			Recomm. Shackle Size (Inches)	Recomm. Eye Hooks	Minimum Sling Length
	60 Deg	45 Deg	30 Deg	Dia.	Width	Length			
1/4"	1.7	1.4	0.97	1/2"	2.5"	5"	3/8"	3/4 ton	1'3"
3/8"	3.7	3.0	2.2	3/4"	2.75"	5.50"	1/2"	1.5 ton	1'8"
1/2"	6.6	5.4	3.8	1"	3.5"	7"	5/8"	3 ton	2'0"
5/8"	10	8.3	5.9	1"	3.5"	7"	3/4"	5 ton	2'4"
3/4"	15	12	8.4	1- 1/4"	4.38"	8.75"	7/8"	7 ton	2'9"
7/8"	20	16	11	1- 1/4"	5.25"	10.5"	1"	7.5 ton	3'3"
1"	26	21	15	1-3/4"	6"	12"	1-1/8"	10 ton	3'6"
1-1/8"	31	25	18	2"	7"	14"	1-1/4"	15 ton	4'0"
1-1/4"	38	31	22	2-1/4"	8"	16"	1-3/8"	15 ton	4'6"
1-3/8"	46	38	27	2-1/4"	8"	16"	1-1/2"	20 ton	5'0"
1-1/2"	55	45	32	2-3/4"	9"	16"	1-3/4"	22 ton	5'6"
1-3/4"	74	60	42	2-3/4"	9"	16"	2"	30 ton	6'6"
2"	95	78	55	3-1/4"	10"	20"	2-1/2"	37 ton	8'0"
2-1/4"	116	94	67	4"	10"	20"	2-1/2"	-	8'9"

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All master links are sized to accommodate heavy-duty thimbles. If thimbles are not required, a smaller master link may be appropriate.

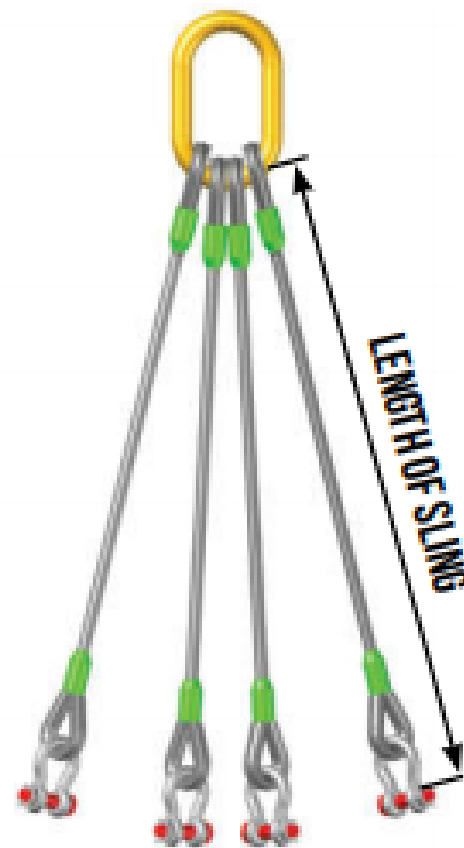
All slings are proof-tested to 2 times working load limit. Design factor is 5:1.

# 4-Leg Bridle

VERSITEC MARINE E INDUSTRIAL S.A. DE C.V.



## HH-404-TTS-342



Wire Rope Diameter (inches)	EIPS Capacities In Tons Angle With Horizontal			Recommended Master Link			Recomm. Shackle Size (Inches)	Recomm. Eye Hooks	Minimum Sling Length
	60 Deg	45 Deg	30 Deg	Dia. (inches)	Width (inches)	Length (inches)			
1/4"	2.2	1.8	1.3	1/2"	2	3	3/8"	3/4 ton	1'-3"
3/8"	5	4.1	2.9	3/4"	3	4.5	1/2"	1.5 ton	1'-8"
1/2"	8.8	7.1	5.1	1"	4	6	5/8"	3 ton	2'
5/8"	14	11	7.8	1 1/4"	5	7.75	3/4"	5 ton	2'-4"
3/4"	19	16	11	1 1/2"	6	9	7/8"	7 ton	2'-9"
7/8"	26	21	15	1 3/4"	7	10.5	1"	7.5 ton	3'-3"
1"	34	28	20	1 7/8"	7.5	11.25	1 1/8"	10 ton	3'-6"
1-1/8"	42	34	24	2 1/4"	9	13.5	1 1/4"	15 ton	4'
1-1/4"	51	42	30	2 1/2"	10	15	1 3/8"	15 ton	4'-6"
1-3/8"	62	50	36	2 3/4"	11	16	1 1/2"	20 ton	5'
1-1/2"	73	60	42	2 3/4"	11	16	1 3/4"	22 ton	5'-6"
1-3/4"	98	80	57	4"	13	19.5	2 1/2"	30 ton	6'-6"
2"	127	104	73	4"	16	24	2 1/2"	37 ton	8'
2-1/4"	154	126	89	N/A	N/A	N/A	2 1/2"	-	8'-9"

All master links are sized to accommodate heavy-duty thimbles.

If thimbles are not required, a smaller master link may be appropriate.

\*\*If thimble is required at the top, these sizes must use an A-345 Master Link Assembly.

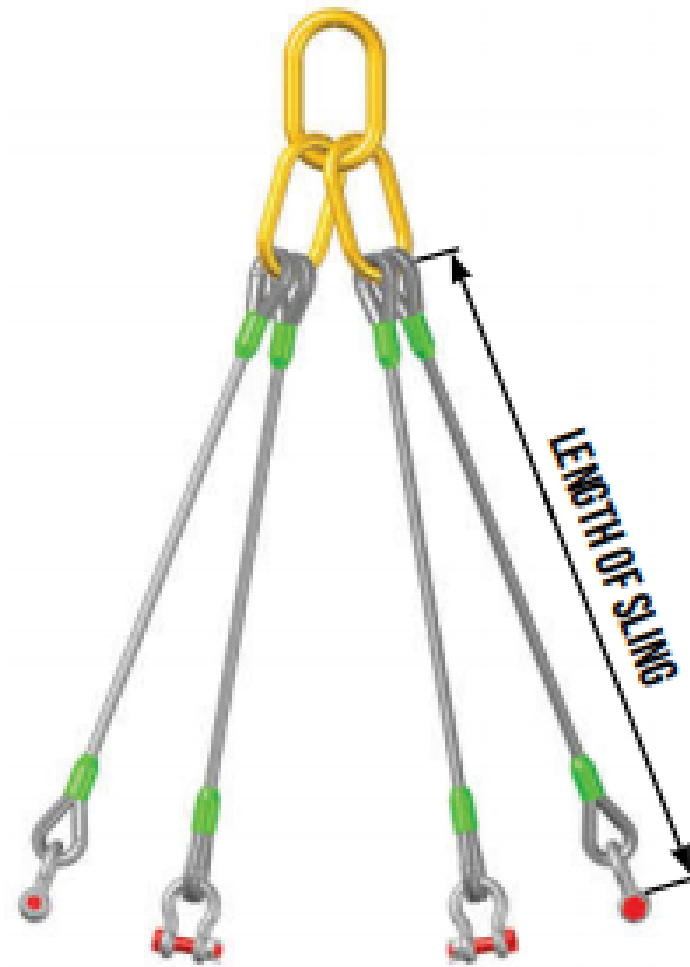
All slings are proof-tested to 2 times working load limit. Design factor is 5:1.

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# 4-Leg Bridle Sub Assembly

## HH-404-TTS-345



Wire Rope Diameter (inches)	EIPS Capacities In Tons Angle With Horizontal			Recommended Master Link Assembly				Recomm. Shackle Size (inches)	Recomm. Eye Hooks	Minimum Sling Length
	60 Deg	45 Deg	30 Deg	Dia. (inches)	Width (inches)	Length (inches)	Inside Dia. (inches)			
1/4"	2.2	1.8	1.3	N/A	N/A	N/A	N/A	3/8"	3/4 ton	1'-3"
3/8"	5	4.1	2.9	3/4"	3.2	6	1.77	1/2"	1.5 ton	1'-8"
1/2"	8.8	7.1	5.1	1"	4.3	7.5	2.36	5/8"	3 ton	2'
5/8"	14	11	7.8	1 1/4"	5.5	9.5	3.54	3/4"	5 ton	2'-4"
3/4"	19	16	11	1 1/2"	5.9	10.5	3.94	7/8"	7 ton	2'-9"
7/8"	26	21	15	1 3/4"	6	12	5	1"	7.5 ton	3'-3"
1"	34	28	20	1 7/8"	6	12	5	1 1/8"	10 ton	3'-6"
1 1/8"	42	34	24	2 1/4"	7	14	5.75	1 1/4"	15 ton	4'
1 1/4"	51	42	30	2 1/2"	8.38	16	8.38	1 3/8"	15 ton	4'-6"
1 3/8"	62	50	36	2 3/4"	8.38	16	8.38	1 1/2"	20 ton	5'
1 1/2"	73	60	42	2 3/4"	9.88	18	9.88	1 3/4"	22 ton	5'-6"
1 3/4"	98	80	57	4"	12	24	12	2 1/2"	30 ton	6'-6"
2"	127	104	73	4"	12	24	12	2 1/2"	37 ton	8'
2 1/4"	154	126	89	4"	12	24	12	2 1/2"	-	8'-9"

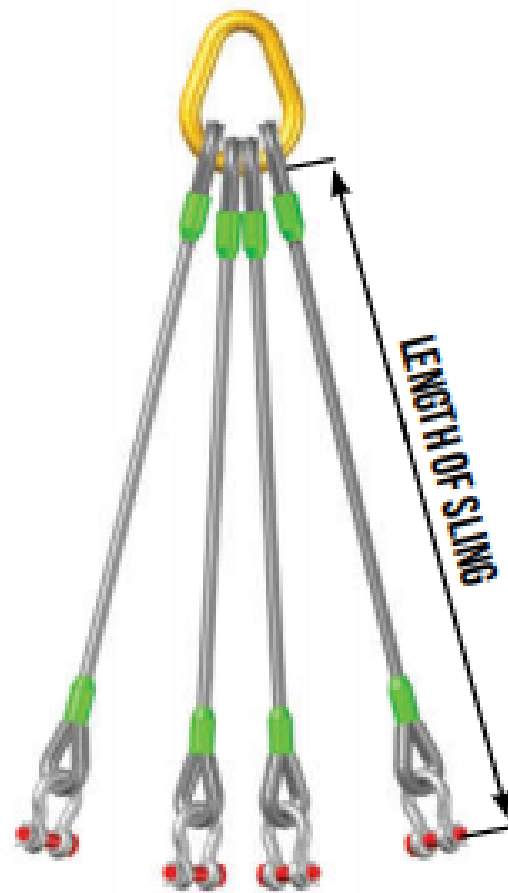
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# 4-Leg Bridle Pear Link



VERSITEC MARINE INDUSTRIAL S.A. DE C.V.

**HH-404-TTS-341**



Wire Rope Diameter (inches)	EIPS Capacities In Tons Angle With Horizontal			Recommended Pear-Shaped Link				Recomm. Shackle Size (Inches)	Recomm. Eye Hooks	Minimum Sling Length
	60 Deg	45 Deg	30 Deg	Dia. (inches)	Cap. (Tons)	Width (inches)	Length (inches)			
1/4"	2.2	1.8	1.3	1/2"	3.15	2	3	3/8"	3/4 ton	1'-3"
3/8"	5	4.1	2.9	3/4"	5.59	3	4.5	1/2"	1.5 ton	1'-8"
1/2"	8.8	7.1	5.1	1"	11	4	6	5/8"	3 ton	2'
5/8"	14	11	7.8	1 1/4"	16.4	5	7.75	3/4"	5 ton	2'-4"
3/4"	19	16	11	1 1/2"	24.7	6	9	7/8"	7 ton	2'-9"
7/8"	26	21	15	1 3/4"	38.6	7	10.5	1"	7.5 ton	3'-3"
1"	34	28	20	1 7/8"	43.5	7.5	11.25	1 1/8"	10 ton	3'-6"
1-1/8"	42	34	24	2 1/4"	65	9	13.5	1 1/4"	15 ton	4'
1-1/4"	51	42	30	2 1/2"	66.9	10	15	1 3/8"	15 ton	4'-6"
1-3/8"	62	50	36	2 3/4"	98.6	11	16	1 1/2"	20 ton	5'
1-1/2"	73	60	42	2 3/4"	98.6	11	16	1 3/4"	22 ton	5'-6"
1-3/4"	98	80	57	3 1/4"	119	13	19.5	2"	30 ton	6'-6"
2"	127	104	73	4"	169	16	24	2 1/2"	37 ton	8'
2-1/4"	154	126	89	N/A	N/A	N/A	N/A	2 1/2"	-	8'-9"

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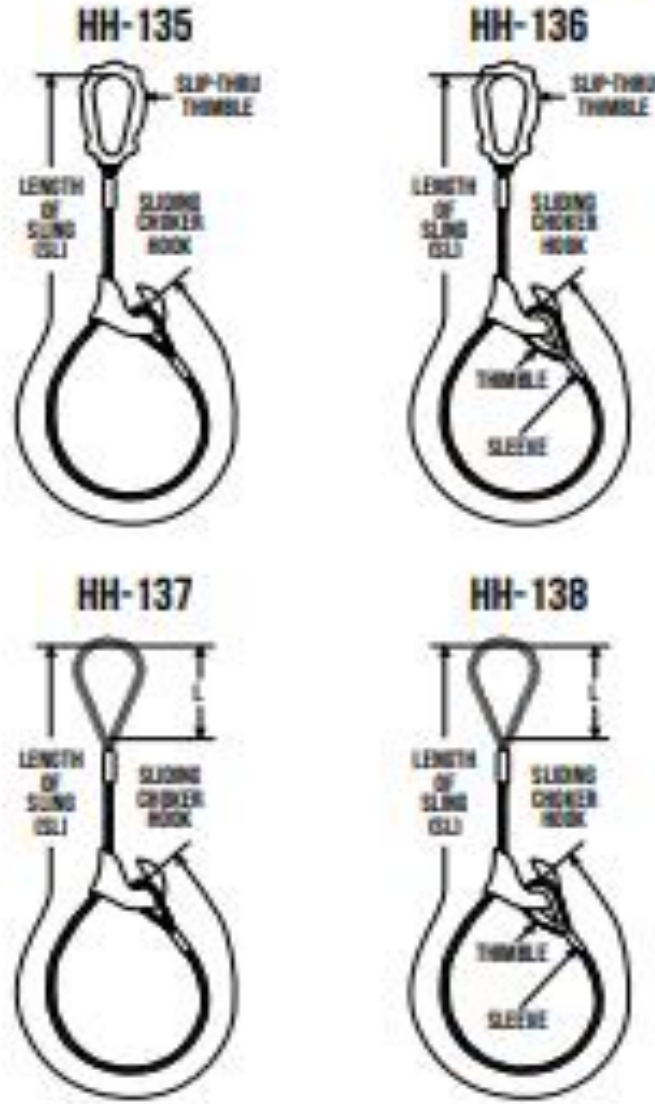
All master links are sized to accommodate heavy-duty thimbles. If thimbles are not required, a smaller master link may be appropriate.

All slings are proof-tested to 2 times working load limit. Design factor is 5:1.



# Single-Leg With Sliding Choker Hooks

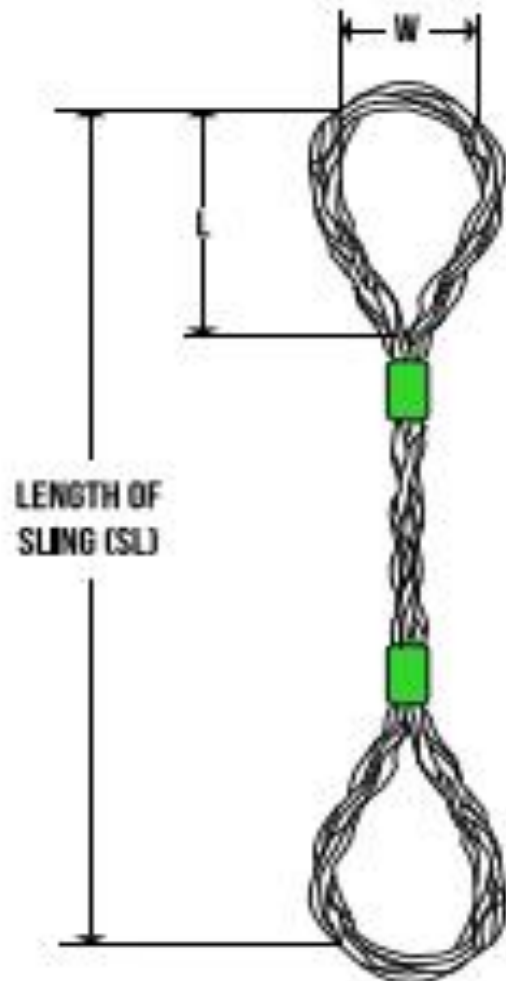
## HH-135 thru HH-138



Diameter of Rope	EIPS Capacity In Tons	SLIP - THRU THIMBLES		Soft Eye Dim.
		Size	Dimension	
1/4"	0.48	W-2	2-1/8X4-1/8	2X4
3/8"	1.1	W-2	2-1/8X4-1/8	3X6
1/2"	1.9	W-3	2-3/8X4-3/8	4X8
5/8"	2.9	W-4	3-3/8X6-5/8	5X10
3/4"	4.1	W-4	3-3/8X6-5/8	6X12
7/8"	5.6	W-5	3-3/4X7-1/8	7X14
1"	7.2	W-5	3-3/4X7-1/8	8X16
1 1/8"	9.1	W-6	4-3/8X8-3/8	9X18
1 1/4"	11	W-6	4-3/8X8-3/8	10X20
1 3/8"	13	W-7	5X9-1/2	11X22
1 1/2"	16	W-7	5X9-1/2	12X24

## 8 - Part Braided Sligs

### HH-120



Diameter of Rope	EIPS Vertical Capacity In Tons	Minimum Sling Length ft-in	Eye Dimensions	
			Width in.	Length in.
1/8	1.1	1'10"	3	6
3/16	2.4	2'10"	5	10
1/4	3.9	3'6"	6	12
5/16	5.9	4'6"	8	16
3/8	8.4	5'0"	8	16
7/16	13.0	5'9"	9	18
1/2	17.0	6'5"	9	18
9/16	22.0	8'0"	12	24
5/8	26.0	9'4"	14	28

NOTE: RATED CAPACITIES OF CHOKER HITCHES APPLY WHEN THE ANGLE OF CHOKE IS GREATER THAN 120 DEGREES. 8-PART BRAIDS WITH CASINGS AND CHOKER HOOKS ALSO AVAILABLE

All slings are proof-tested to 2 times working load limit. Design factor is 5:1.