



**MORE THAN YOU THINK**

Trusted Partners Since 1975

# WORKING LOAD LIMITS

DESIGN FACTOR  
**5:1**  
FOR ALL RATINGS

MEMBER OF



MEMBER

### Wire Rope Slings

Rope Diameter, Inches	WORKING LOAD LIMIT IN POUNDS					
	Flemish Eye Splice	Vertical Lift	Choker Hitch	Basket Hitch Vert.	Bridle 60°	Bridle 45°
1/4	1,300	960	2,600	2,252	1,838	1,300
3/8	2,800	2,200	5,600	4,850	3,960	2,800
1/2	5,000	3,800	10,000	8,660	7,071	5,000
5/8	7,800	5,800	15,600	13,510	11,031	7,800
3/4	11,200	8,200	22,400	19,399	15,839	11,200
7/8	15,200	11,200	30,400	26,327	21,496	15,200
1	19,600	14,400	39,200	33,948	27,719	19,600
1 1/8	24,000	18,200	48,000	41,569	33,941	24,000
1 1/4	30,000	22,000	60,000	51,962	42,426	30,000
1 3/8	36,000	26,000	72,000	62,354	50,912	36,000
1 1/2	42,000	32,000	84,000	72,746	59,397	42,000
1 5/8	48,000	36,000	96,000	83,138	67,882	48,000
1 3/4	56,000	42,000	112,000	96,995	79,196	56,000
2	74,000	56,000	148,000	128,172	104,652	74,000
2 1/2	108,000	84,000	216,000	187,061	152,735	108,000

WARNING: DO NOT EXCEED WORKING LOAD LIMITS

### Alloy Chain Slings - Grade 80 & 100

Chain Size, Inches	WORKING LOAD LIMIT IN POUNDS							
	Single	Double			Triple and Quad			
GRADE 80	9/32	2,800	4,880	3,920	2,800	7,280	5,920	4,160
	3/8	5,680	9,840	8,000	5,680	14,720	12,080	8,480
	1/2	9,600	16,640	13,600	9,600	24,960	20,400	14,400
	5/8	14,400	25,040	20,480	14,400	37,600	30,720	21,680
	3/4	22,640	39,200	32,000	22,640	58,800	48,000	33,920
	7/8	27,360	47,360	38,720	27,360	71,120	58,000	41,040
	1	38,160	66,080	53,920	38,160	99,120	80,960	57,200
1 1/4	57,840	100,160	81,760	57,840	150,240	122,720	86,720	
GRADE 100	9/32	3,440	5,920	4,880	3,440	8,960	7,280	5,120
	5/16	4,560	7,920	6,480	4,560	11,840	9,680	6,800
	3/8	7,040	12,160	9,920	7,040	18,320	14,960	10,560
	1/2	12,000	20,800	16,960	12,000	31,200	25,440	18,000
	5/8	18,080	31,280	25,600	18,080	46,960	38,320	27,120
	3/4	28,240	48,880	39,920	28,240	73,360	59,920	42,400
	7/8	34,160	59,200	48,320	34,160	88,720	72,480	51,200

WARNING: DO NOT EXCEED WLL • DESIGN FACTOR 5:1

## WARNING

Failure to comply with this warning may result in sling failure and severe personal injury or death.

- Slings that are damaged or defective shall NOT be used.
- Slings shall NOT be loaded in excess of their Working Load Limit (WLL).
- Slings shall NOT be shortened or lengthened by knotting or twisting.
- Slings shall be shortened or otherwise adjusted only by means approved by the manufacturer.
- Slings shall NOT be pulled from under a load when the load is resting on the sling.
- Hands or fingers shall NOT be placed between the sling and load while the sling is tightened on the load.
- Slings shall have suitable characteristics for the type of load, hitch and environment.
- Slings shall be inspected by a competent person before each use.
- Slings shall be hitched or rigged in a manner providing control of the load.
- Slings shall be securely attached to their load.
- Personnel shall stand clear of the suspended load.
- Suspended loads shall be kept clear of any obstructions.
- Shock loading should be avoided.
- Slings shall be padded or otherwise protected from sharp edges of the load.
- Be aware of the effect of sling to load angles.
- Always use and inspect slings in accordance with ASME B30.9 and other applicable standards.

### Polyester Roundslings

Product Code	Cover Colour	WORKING LOAD LIMIT IN POUNDS		
		Vertical Hitch	Choker Hitch	Vertical Basket
SC2-3	Purple	3,000	2,400	6,000
SC2-4	Black	4,000	3,200	8,000
SC2-6	Green	6,000	4,800	12,000
SC2-9	Yellow	9,000	7,200	18,000
SC2-12	Tan	12,000	9,600	24,000
SC2-14	Red	14,000	11,200	28,000
SC2-17	Orange	17,000	13,600	34,000
SC2-23	Blue	23,000	18,400	46,000
SC2-26	Orange	26,000	20,800	52,000
SC2-32	Grey	32,000	25,600	64,000
SC2-40	Orange	40,000	32,000	80,000
SC2-54	Orange	54,000	43,200	108,000
SC2-70	Orange	70,000	56,000	140,000
SC2-90	Orange	90,000	72,000	180,000

WARNING: DO NOT EXCEED WORKING LOAD LIMITS

### Synthetic Web Slings

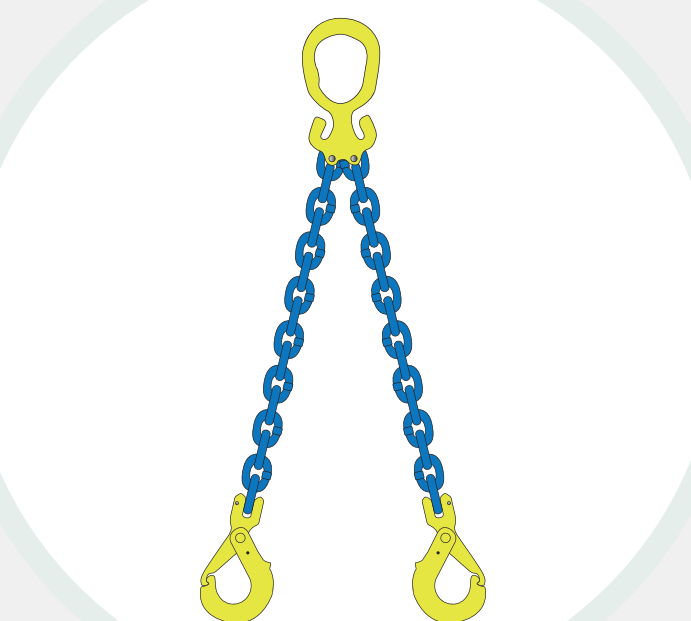
WEB WIDTH	PRODUCT CODE	WORKING LOAD LIMIT IN POUNDS			
		VERTICAL	CHOKER	BASKET	
<b>TYPE 1 SLINGS</b> Triangle & Choker Fittings				<b>TYPE 2 SLINGS</b> Two Triangle Fittings	
single ply					
2"	TC1-902	3,200	2,400		6,400
3"	TC1-903	4,800	3,600		9,600
4"	TC1-904	6,400	4,800		12,800
5"	TC1-905	8,000	6,000		16,000
6"	TC1-906	9,600	7,200		19,200
8"	TC1-908	12,800	9,600		25,600
10"	TC1-910	16,000	12,000		32,000
12"	TC1-912	19,200	14,400		38,400
two ply					
2"	TC2-902	5,600	4,200		11,200
3"	TC2-903	8,400	6,300	16,800	
4"	TC2-904	11,200	8,400	22,400	
5"	TC2-905	14,000	10,500	28,000	
6"	TC2-906	16,800	12,600	33,600	
8"	TC2-908	22,400	17,900	44,800	
<b>TYPE 3 SLINGS</b> Flat Eye				<b>TYPE 5 SLINGS</b> Endless or Grommet Type	
single ply					
1"	EE1-901	1,600	1,200		3,200
2"	EE1-902	3,200	2,400		6,400
3"	EE1-903	4,800	3,600		9,600
4"	EE1-904	6,400	4,800		12,800
5"	EE1-905	8,000	6,000		16,000
6"	EE1-906	9,600	7,200		19,200
two ply					
1"	EE2-901	3,200	2,400		6,400
2"	EE2-902	6,400	4,800		12,800
3"	EE2-903	8,600	6,500		17,200
4"	EE2-904	11,500	8,600	23,000	
5"	EE2-905	13,600	10,200	27,200	
6"	EE2-906	16,300	12,200	32,600	
<b>TYPE 4 SLINGS</b> Twisted Eye				<b>TYPE 5 SLINGS</b> Endless or Grommet Type	
single ply					
1"	EN1-901	3,200	2,500		6,400
2"	EN1-902	6,400	5,000		12,800
3"	EN1-903	8,600	6,900		17,200
4"	EN1-904	11,500	9,200		23,000
5"	EN1-905	13,600	10,900		27,200
6"	EN1-906	16,300	13,000		32,600
two ply					
1"	EN2-901	6,100	4,900		12,200
2"	EN2-902	12,200	9,800		24,400
3"	EN2-903	16,300	13,000		32,600
4"	EN2-904	20,700	16,500	41,400	
5"	EN2-905	24,500	19,600	49,000	
6"	EN2-906	28,600	23,000	57,200	

WARNING: DO NOT EXCEED WORKING LOAD LIMITS

## SLING-CHOKER LOCATIONS

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# Working Load Limits

**Standard Slings - Grade 100 WLL (lbs) - Table 1**

**Choked - Grade 100 WLL (lbs) - Table 4**

**Choked Endless Slings - Grade 100 WLL (lbs) - Table 3**

DESIGN FACTOR 5:1	GUNNEBO LIFTING G100 CHAIN		SINGLE LEG		DOUBLE LEG			TRIPLE & QUAD LEG		
	(MM)	(IN)	90°	90° - 60°	90° - 45°	90° - 30°	90° - 60°	90° - 45°	90° - 30°	
	8	5/16	4,560	7,920	6,480	4,560	11,840	9,680	6,800	
	10	3/8	7,040	12,160	9,920	7,040	18,320	14,960	10,560	
	13	1/2	12,000	20,800	16,960	12,000	31,200	25,440	18,000	
	16	5/8	18,080	31,280	25,600	18,080	46,960	38,320	27,120	

DESIGN FACTOR 5:1	CHOKE ANGLE	% OF TABLE 1 WLL
	120° - 180°	80 %
	90° - 119°	70 %
	60° - 89°	60 %
	30° - 59°	50 %
	0° - 29°	40 %

DESIGN FACTOR 5:1	GUNNEBO LIFTING G100 CHAIN		CHOKED ENDLESS SLING		
	(MM)	(IN)	90° - 60°	90° - 45°	90° - 30°
	8	5/16	6,800	5,920	3,648
	10	3/8	9,728	7,936	5,632
	13	1/2	16,640	13,568	9,600
	16	5/8	25,024	20,480	14,464

Above working load limits apply only to normal conditions of use in straight configuration and equally loaded legs

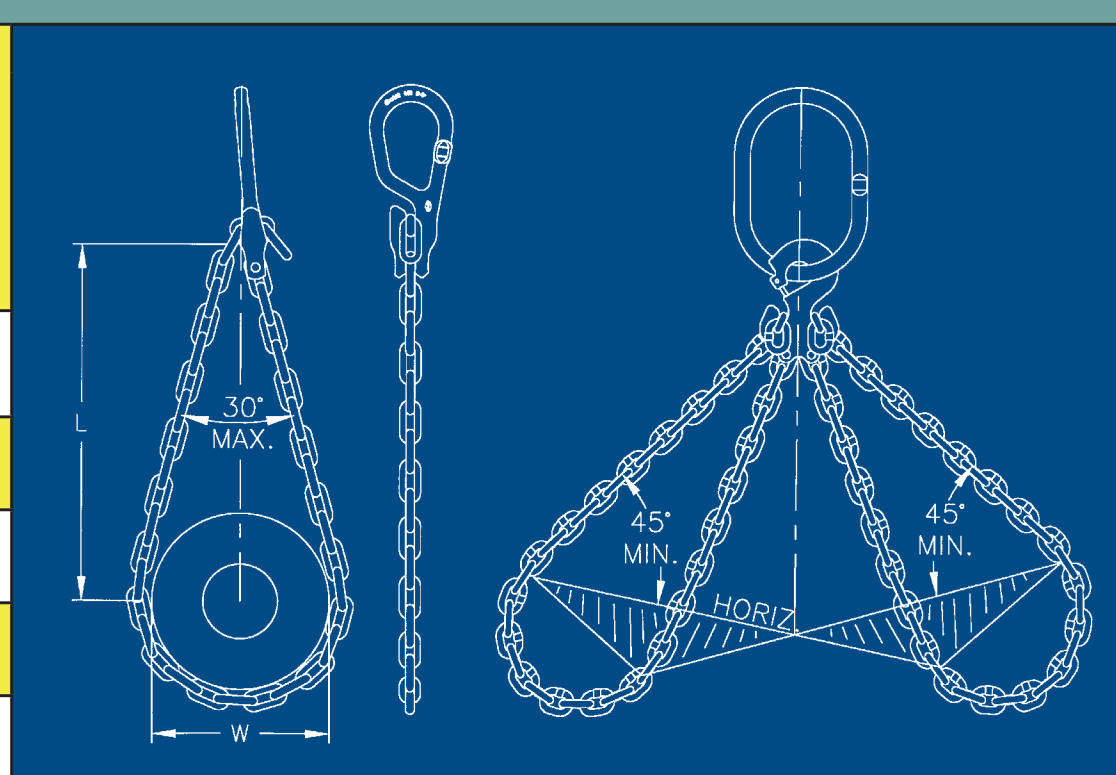
\*Working load limits are valid between temperatures of -40°F and 400°F

\*Working load limits are valid between temperatures of -40°F and 400°F

**Loop Leg Slings - Grade 100 WLL (lbs) - Table 5**

**Basket Slings - Grade 100 WLL (lbs) - Table 5**

DESIGN FACTOR 5:1	GUNNEBO LIFTING G100 CHAIN		SINGLE LEG		DOUBLE LEG			TRIPLE & QUAD LEG	
	(MM)	(IN)	90°	90° - 60°	90° - 45°	90° - 60°	90° - 45°		
	8	5/16	4,560	7,920	6,480	11,840	9,680		
	10	3/8	7,040	12,160	9,920	18,320	14,960		
	13	1/2	12,000	20,800	16,960	31,200	25,440		
	16	5/8	18,080	31,280	25,600	46,960	38,320		



DESIGN FACTOR 5:1	GUNNEBO LIFTING G100 CHAIN		SINGLE BASKET SLING			DOUBLE BASKET SLING		
	(MM)	(IN)	90° - 60°	90° - 45°	90° - 30°	90° - 60°	90° - 45°	90° - 30°
	8	5/16	7,920	6,480	4,560	11,840	9,680	6,800
	10	3/8	12,160	9,920	7,040	18,320	14,960	10,560
	13	1/2	20,800	16,960	12,000	31,200	25,440	18,000
	16	5/8	31,280	25,600	18,080	46,960	38,320	27,120

A "loop leg" hitch is a type of basket hitch made with a single GrabIQ fitting having an integral chain pocket

\*Working load limits are valid between temperatures of -40°F and 400°F

\*Working load limits are valid between temperatures of -40°F and 400°F

**SUPPLIED & FABRICATED BY**

SLING-CHOKER MANUFACTURING

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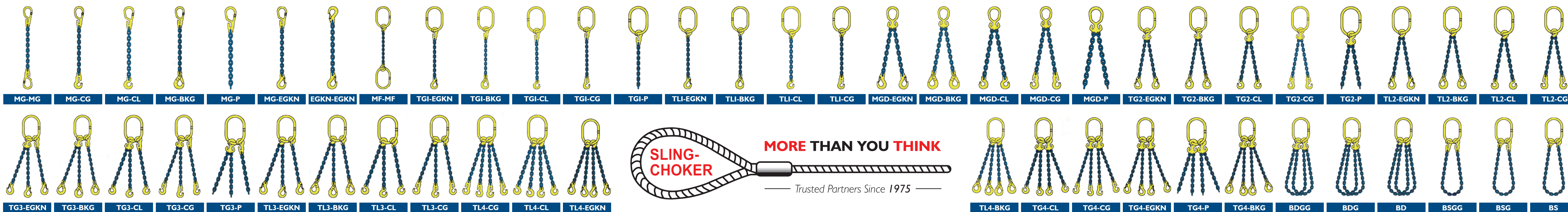
slingchoker.com



**WARNING**

READ WARNING AND USE LIMITATIONS BEFORE RIGGING

NEVER EXCEED PUBLISHED WORKING LOAD LIMIT • NEVER RIG A SLING LEG ANGLE OF LESS THAN 30°



# Wire Rope Slings

**SLING – CHOKER**  
MANUFACTURING

We're called **Sling-Choker** for a reason - rigging is what we do best. For over 40 years, we've been the **primary** source for slings for many industrial sectors, offering products in all shapes, sizes, materials, and for any application you can think of. **Rigging** is our thing, and we're confident that we can provide you with the perfect solution every time. We have the **experience** and the ability to get you what you need.

WIRE ROPE	VERTICAL LIFT	CHOKER HITCH	BASKET HITCH	60° BRIDLE	45° BRIDLE	30° BRIDLE
DIA (in)	WLL (lbs)	WLL (lbs)	WLL (lbs)	WLL (lbs)	WLL (lbs)	WLL (lbs)
1/4"	1,300	960	2,600	2,252	1,838	1,300
3/8"	2,800	2,200	5,600	4,850	3,960	2,800
1/2"	5,000	3,800	10,000	8,660	7,071	5,000
5/8"	7,800	5,800	15,600	13,510	11,031	7,800
3/4"	11,200	8,200	22,400	19,399	15,839	11,200
7/8"	15,200	11,200	30,400	26,327	21,496	15,200
1"	19,600	14,400	39,200	33,948	27,719	19,600
1-1/8"	24,000	18,200	48,000	41,569	33,941	24,000
1-1/4"	30,000	22,000	60,000	51,962	42,426	30,000
1-3/8"	36,000	26,000	72,000	62,354	50,912	36,000
1-1/2"	42,000	32,000	84,000	72,746	59,397	42,000
1-5/8"	48,000	36,000	96,000	83,138	67,882	48,000
1-3/4"	56,000	42,000	112,000	96,995	79,196	56,000
2"	74,000	56,000	148,000	128,172	104,652	74,000
2-1/2"	108,000	84,000	216,000	187,061	152,735	108,000

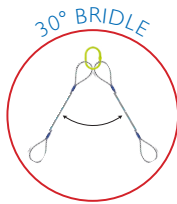
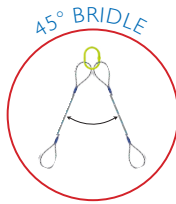
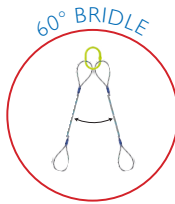
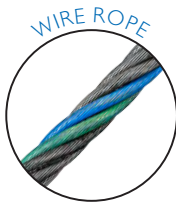
DO NOT EXCEED  
WORKING LOAD LIMITS

 **7x19** Galvanized Aircraft Cable

 **6x19** EIPS IWRC

 **6x37** EIPS IWRC

We're called **Sling-Choker** for a reason - rigging is what we do best. For over 40 years, we've been the **primary** source for slings for many industrial sectors, offering products in all shapes, sizes, materials, and for any application you can think of. **Rigging** is our thing, and we're confident that we can provide you with the perfect solution every time. We have the **experience** and the ability to get you what you need.



































**DIA**  
(in)

**WLL**  
(lbs)

**WLL**  
(lbs)

**WLL**  
(lbs)

	1/4"	2,252	1,838	1,300	
	5/16"	3,464	2,828	2,000	
	3/8"	4,850	3,960	2,800	
	1/2"	8,660	7,071	5,000	
	5/8"	13,510	11,031	7,800	
	3/4"	19,399	15,839	11,200	
	7/8"	26,327	21,496	15,200	
	1"	33,948	27,719	19,600	
	1-1/8"	41,569	33,941	24,000	
	1-1/4"	51,962	42,426	30,000	
	1-3/8"	62,354	50,912	36,000	
	1-1/2"	72,746	59,397	42,000	
	1-5/8"	83,138	67,882	48,000	
	1-3/4"	96,995	79,196	56,000	
	2"	128,172	104,652	74,000	
	2-1/2"	187,061	152,735	108,000	

 **7x19** Galvanized Aircraft Cable

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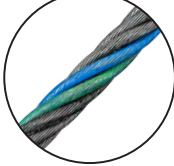
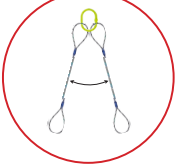
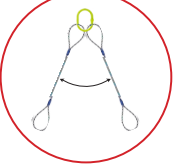
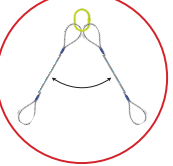




















 **6x37** EIPS IWRC

**DO NOT EXCEED WORKING LOAD LIMITS**

## 3-Leg Wire Rope Bridles

**SLING-CHOKER**  
MANUFACTURING

We're called **Sling-Choker** for a reason - rigging is what we do best. For over 40 years, we've been the **primary** source for slings for many industrial sectors, offering products in all shapes, sizes, materials, and for any application you can think of. **Rigging** is our thing, and we're confident that we can provide you with the perfect solution every time. We have the **experience** and the ability to get you what you need.

	WIRE ROPE	60° BRIDLE	45° BRIDLE	30° BRIDLE	
					
	<b>DIA</b> (in)	<b>WLL</b> (lbs)	<b>WLL</b> (lbs)	<b>WLL</b> (lbs)	
	1/4"	3,400	2,800	1,940	
	5/16"	5,200	4,200	3,000	
	3/8"	7,400	6,000	4,400	
	1/2"	13,200	10,800	7,600	
	5/8"	20,000	16,600	11,800	
	3/4"	30,000	24,000	16,800	
	7/8"	40,000	32,000	22,000	
	1"	52,000	42,000	30,000	
	1-1/8"	62,000	52,000	36,000	
	1-1/4"	76,000	62,000	44,000	

 **7x19** Galvanized Aircraft Cable

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**DO NOT EXCEED WORKING LOAD LIMITS**

## 4-Leg Wire Rope Bridles

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WIRE ROPE	60° BRIDLE	45° BRIDLE	30° BRIDLE
DIA (in)	WLL (lbs)	WLL (lbs)	WLL (lbs)
1/4"	4,400	3,600	2,600
5/16"	7,000	5,600	4,000
3/8"	10,000	8,200	5,800
1/2"	17,600	14,200	10,200
5/8"	28,000	22,000	15,600
3/4"	38,000	32,000	22,000
7/8"	52,000	42,000	30,000
1"	68,000	56,000	40,000
1-1/8"	84,000	68,000	48,000
1-1/4"	102,000	84,000	60,000

 **7x19** Galvanized Aircraft Cable

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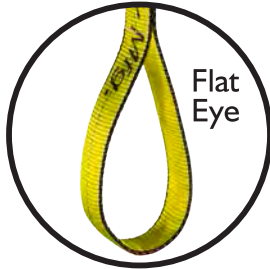
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**DO NOT EXCEED WORKING LOAD LIMITS**

# SYNTHETIC WEB SLINGS

## VERTICAL (90°) LIFTING CAPACITIES

### Type 3 Web Sling



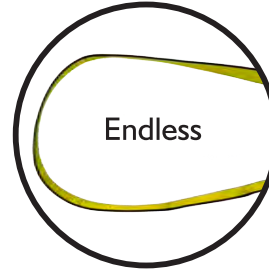
Flat Eye

### Type 4 Web Sling

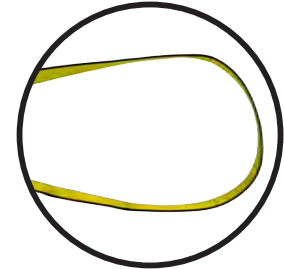


Twisted Eye

### Type 5 Web Sling



Endless



#### SINGLE PLY (ONE PLY)

WIDTH	VERTICAL	CHOKER	BASKET
1"	1,600 lbs	1,200 lbs	3,200 lbs
2"	3,200 lbs	2,400 lbs	6,400 lbs
3"	4,800 lbs	3,600 lbs	9,600 lbs
4"	6,400 lbs	4,800 lbs	12,800 lbs
6"	9,600 lbs	7,200 lbs	19,200 lbs

#### SINGLE PLY (ONE PLY)

WIDTH	VERTICAL	CHOKER	BASKET
1"	3,200 lbs	2,550 lbs	6,400 lbs
2"	6,400 lbs	5,100 lbs	12,800 lbs
3"	9,400 lbs	7,050 lbs	18,800 lbs
4"	12,400 lbs	9,300 lbs	24,800 lbs
6"	18,600 lbs	14,000 lbs	37,200 lbs

#### DOUBLE PLY (TWO PLY)

WIDTH	VERTICAL	CHOKER	BASKET
1"	3,200 lbs	2,400 lbs	6,400 lbs
2"	6,400 lbs	4,800 lbs	12,800 lbs
3"	8,800 lbs	6,600 lbs	17,600 lbs
4"	11,500 lbs	8,600 lbs	23,000 lbs
6"	16,500 lbs	12,400 lbs	33,000 lbs

#### DOUBLE PLY (TWO PLY)

WIDTH	VERTICAL	CHOKER	BASKET
1"	6,400 lbs	5,100 lbs	12,800 lbs
2"	12,400 lbs	9,900 lbs	24,800 lbs
3"	17,600 lbs	13,200 lbs	35,200 lbs
4"	22,000 lbs	17,600 lbs	44,000 lbs
6"	33,000 lbs	24,800 lbs	66,000 lbs

SLING-CHOKER MANUFACTURING

For non-vertical application, refer to below chart to calculate angle strength loss from the rated capacities

When using these slings, multiply the **RATED CAPACITY** by the **FACTOR** that corresponds with the **ANGLE** of your lift

ANGLE	FACTOR	ANGLE	FACTOR	ANGLE	FACTOR
85°	0.996	65°	0.906	45°	0.707
80°	0.985	60°	0.866	40°	0.643
75°	0.966	55°	0.819	35°	0.574
70°	0.94	50°	0.766	30°	0.5

# POLYESTER ROUND SLINGS

## COLOUR CODED WORKING LOAD LIMITS

V = VERTICAL  
C = CHOKER  
90/30/45° = BASKET

ALL WORKING LOAD  
LIMITS ARE SHOWN IN  
POUNDS (LBS)

**SC2-3**

**PURPLE**

V • 3,000  
C • 2,400  
90° • 6,000  
30° • 5,200  
45° • 4,200

**SC2-4**

**BLACK**

V • 4,000  
C • 3,200  
90° • 8,000  
30° • 6,900  
45° • 5,600

**SC2-6**

**GREEN**

V • 6,000  
C • 4,800  
90° • 12,000  
30° • 10,300  
45° • 8,400

**SC2-9**

**YELLOW**

V • 9,000  
C • 7,200  
90° • 18,000  
30° • 15,500  
45° • 12,600

**SC2-12**

**TAN**

V • 12,000  
C • 9,600  
90° • 24,000  
30° • 20,600  
45° • 16,800

**SC2-14**

**RED**

V • 14,000  
C • 11,200  
90° • 28,000  
30° • 24,100  
45° • 19,600

**SC2-17**

**ORANGE**

V • 17,000  
C • 13,600  
90° • 34,000  
30° • 29,300  
45° • 23,800

**SC2-23**

**BLUE**

V • 23,000  
C • 18,400  
90° • 46,000  
30° • 39,500  
45° • 32,200

**SC2-26**

**ORANGE**

V • 26,000  
C • 20,800  
90° • 52,000  
30° • 44,700  
45° • 36,400

**SC2-32**

**GREY**

V • 32,000  
C • 25,600  
90° • 64,000  
30° • 55,000  
45° • 44,800

**SC2-40**

**ORANGE**

V • 40,000  
C • 32,000  
90° • 80,000  
30° • 68,000  
45° • 56,000

**SC2-54**

**BROWN**

V • 54,000  
C • 43,200  
90° • 108,000  
30° • 68,800  
45° • 75,600

**SC2-70**

**OLIVE**

V • 70,000  
C • 56,000  
90° • 140,000  
30° • 117,000  
45° • 95,200

**SC2-90**

**BLACK**

V • 90,000  
C • 72,000  
90° • 180,000  
30° • 155,500  
45° • 126,000