

Rated Loads For Grade 80 (System 8) Alloy Steel Chain Slings

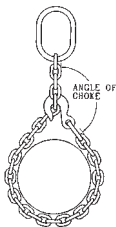
Rated Load for Grade 80 Alloy Steel Chain Slings

Chain Size Nominal		Single Leg Sling - 90° - Horizontal Loading		Rated load Double Leg Sling and Single Basket at Horizontal Angle						Triple and Quadruple Leg Sling and Double Basket at Horizontal Angle					
				60°		45°		30°		60°		45°		30°	
				Double at 60°		Double at 45°		Double at 30°		Quad at 60°		Quad at 45°		Quad at 30°	
in.	mm	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
7/32	5.5	2,100	950	3,600	1,650	3,000	1,350	2,100	950	5,500	2,450	4,400	2,000	3,200	1,450
9/32	7	3,500	1,600	6,100	2,750	4,900	2,250	3,500	1,600	9,100	4,150	7,400	3,400	5,200	2,400
3/8	10	7,100	3,200	12,300	5,550	10,000	4,500	7,100	3,200	18,400	8,300	15,100	6,800	10,600	4,800
1/2	13	12,000	5,400	20,800	9,450	17,000	7,700	12,000	5,400	31,200	14,150	25,500	11,550	18,000	8,200
5/8	16	18,100	8,200	31,300	14,200	25,600	11,600	18,100	8,200	47,000	21,300	38,400	17,400	27,100	12,300
3/4	20	28,300	12,800	49,000	22,250	40,000	18,150	28,300	12,800	73,500	33,400	60,000	27,250	42,400	19,300
7/8	22	34,200	15,500	59,200	26,850	48,400	21,900	34,200	15,500	88,900	40,250	72,500	32,900	51,300	23,250
1	26	47,700	21,600	82,600	37,500	67,400	30,600	47,700	21,600	123,900	56,250	101,200	45,950	71,500	32,500
1 1/4	32	72,300	32,800	125,200	56,800	102,200	46,400	72,300	32,800	187,800	85,200	153,400	69,600	108,400	49,200

Rated Loads for Grade 80 Alloy Steel Chain Slings - Choker Hitches

Chain Size Nominal		Single Leg		Double Leg and Single Baskets						Triple and Quadruple Leg; Double Baskets					
		90°		60°		45°		30°		60°		45°		30°	
in.	mm	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
7/32	5.5	1,700	750	2,900	1,300	2,400	1,100	1,700	750	4,400	1,950	3,500	1,600	2,550	1,150
9/32	7	2,800	1,300	5,000	2,200	3,900	1,800	2,800	1,300	7,300	3,300	5,900	2,700	4,150	1,900
3/8	10	5,700	2,550	9,800	4,450	8,000	3,650	5,700	2,550	14,700	6,650	12,100	5,450	8,500	3,850
1/2	13	9,600	4,300	16,600	7,550	13,600	6,150	9,600	4,300	25,000	11,300	20,400	9,250	14,400	6,550
5/8	16	14,500	6,550	25,000	11,350	20,500	9,300	14,500	6,550	37,600	17,050	30,700	13,900	21,700	9,850
3/4	20	22,600	10,250	39,200	17,800	32,000	14,500	22,600	10,250	58,800	26,700	48,000	21,800	33,900	15,450
7/8	22	27,400	12,400	47,400	21,500	38,700	17,500	27,400	12,400	71,100	32,200	58,000	26,300	41,000	18,600
1	26	38,200	17,300	66,100	30,000	53,900	24,500	38,200	17,300	99,100	45,000	81,000	36,750	57,200	26,000
1 1/4	32	57,800	26,250	100,200	45,450	81,800	37,100	57,800	26,250	150,200	68,150	122,700	55,700	86,700	39,350

Note: Angle of choke should be greater than 120°



Slings

⚠ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ WARNING

To prevent the possibility of serious bodily injury:

- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

Rated Loads For Grade 100 (System 10) Alloy Steel Chain Slings

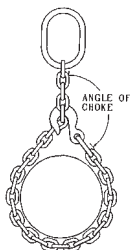
Rated Load for Grade 100 Alloy Steel Chain Slings

Chain Size Nominal		Single Leg Sling - 90° - Horizontal Loading		Rated load Double Leg Sling and Single Basket at Horizontal Angle						Triple and Quadruple Leg Sling and Double Basket at Horizontal Angle					
				60°		45°		30°		60°		45°		30°	
				Double at 60°		Double at 45°		Double at 30°		Quad at 60°		Quad at 45°		Quad at 30°	
in.	mm	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
9/32	7	4,300	1,950	7,400	3,400	6,100	2,750	4,300	1,950	11,200	5,050	9,100	4,150	6,400	2,950
3/8	10	8,800	4,000	15,200	6,950	12,400	5,650	8,800	4,000	22,900	10,400	18,700	8,500	13,200	6,000
1/2	13	15,000	6,800	26,000	11,800	21,200	9,600	15,000	6,800	39,000	17,650	31,800	14,450	22,500	10,200
5/8	16	22,600	10,300	39,100	17,750	32,000	14,500	22,600	10,300	58,700	26,650	47,900	21,750	33,900	15,400
3/4	20	35,300	16,000	61,100	27,700	49,900	22,650	35,300	16,000	91,700	41,550	74,900	33,950	53,000	24,000
7/8	22	42,700	19,400	74,000	33,500	60,400	27,350	42,700	19,400	110,900	50,250	90,600	41,050	64,000	29,050

Rated Loads for Grade 100 Alloy Steel Chain Slings - Choker Hitches

Chain Size Nominal		Single Leg		Double Leg and Single Baskets						Triple and Quadruple Leg; Double Baskets					
		90°		60°		45°		30°		60°		45°		30°	
in.	mm	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
9/32	7	3,500	1,600	6,100	2,750	4,900	2,250	3,500	1,600	9,100	4,150	7,400	3,400	5,200	2,400
3/8	10	7,100	3,200	12,300	5,550	10,000	4,550	7,100	3,200	18,400	8,300	15,100	6,800	10,600	4,800
1/2	13	12,000	5,400	20,800	9,450	17,000	7,700	12,000	5,400	31,200	14,150	25,500	11,550	18,000	8,200
5/8	16	18,100	8,200	31,300	14,200	25,600	11,600	18,100	8,200	47,000	21,300	38,400	17,400	27,100	12,300
3/4	20	28,300	12,800	49,000	22,250	40,000	18,150	28,300	12,800	73,500	33,400	60,000	27,250	42,400	19,300
7/8	22	34,200	15,500	59,200	26,850	48,400	21,900	34,200	15,500	88,900	40,250	72,500	32,900	51,300	23,250

Note: Angle of choke should be greater than 120°



Slings

⚠ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

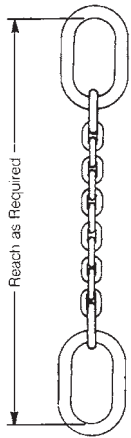
- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ WARNING

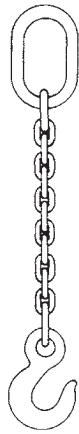
To prevent the possibility of serious bodily injury:

- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

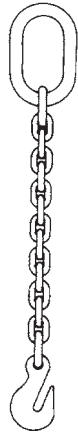
Cam-Alloy Chain Slings Single Types: S and C



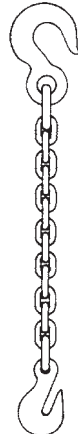
Type CO



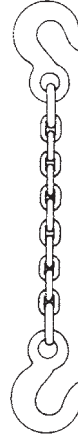
Type SOS



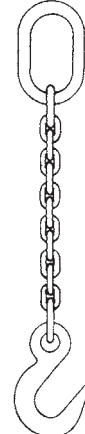
Type SOG



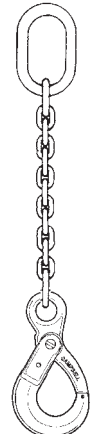
Type SSG



Type SSS



Type SOF



Type SOSL

Chain Size		System	Oblong Link							Working Load Limit	
			Nominal Size Material		Inside Dimensions						
			in.	mm	Width		Length				
in.	mm		in.	mm	in.	mm	in.	mm	lb	kg	
9/32	7	10	37/64	15	2 1/2	64	5	127	4,300	1,950	
3/8	10	10	13/16	21	3	76	6	152	8,800	4,000	
1/2	13	10	1 1/8	29	4	102	8	203	15,000	6,800	
5/8	16	10	1 1/8	29	4	102	8	203	22,600	10,300	
3/4	20	10	1 1/4	32	4	102	8	203	35,300	16,000	
7/8	22	10	1 5/8	41	5 1/4	133	10 1/2	267	42,700	19,400	
1	26	8	1 7/8	48	6	152	12	305	47,700	21,600	
1 1/4	32	8	2	51	7	178	14	356	72,300	32,800	

Dimensions are approximate.
Single chain slings are available in other combinations.
These items are made to order.

Slings

⚠️ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

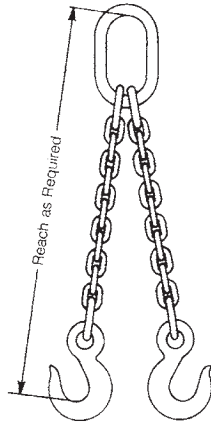
- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠️ WARNING

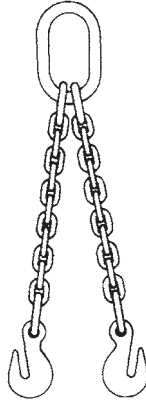
To prevent the possibility of serious bodily injury:

- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

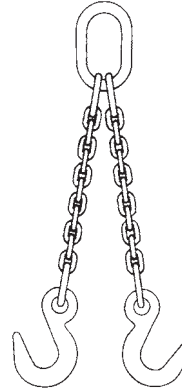
Cam-Alloy Chain Slings Double Type: D



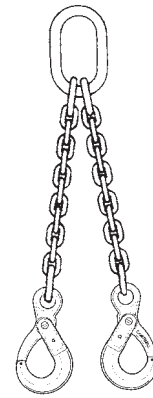
Type DOS



Type DOG



Type DOF



Type DOSL

Chain Size		System	Oblong Master Link						Working Load Limit					
			Nominal Size Material		Inside Dimensions				Double at 60°		Double at 45°		Double at 30°	
					Width		Length		lb	kg	lb	kg	lb	kg
in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	lb	kg	lb	kg	
9/32	7	10	37/64	15	2 1/2	64	5	127	7,400	3,400	6,100	2,700	4,300	1,950
3/8	10	10	13/16	21	3	76	6	152	15,200	6,900	12,400	6,900	8,800	3,990
1/2	13	10	1 1/8	29	4	102	8	203	26,000	11,800	21,200	9,600	15,000	6,800
5/8	16	10	1 1/4	32	4	102	8	203	39,100	17,700	32,000	14,500	22,600	10,300
3/4	20	10	1 5/8	41	5 1/4	133	10 1/2	267	61,100	27,700	49,900	22,600	35,300	16,000
7/8	22	10	1 7/8	48	6	152	12	305	74,000	33,500	60,400	27,350	42,700	19,400
1	26	8	2	51	7	178	14	356	82,600	37,900	67,400	31,000	47,700	21,600
1 1/4	32	8	2 1/4	57	8	203	16	406	125,200	56,800	102,200	46,400	72,300	32,800

Dimensions are approximate.
Double chain slings are available in other combinations.
These items are made to order.

Slings

⚠️ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

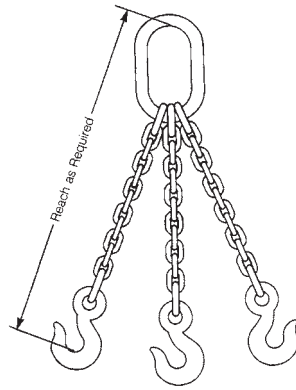
- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠️ WARNING

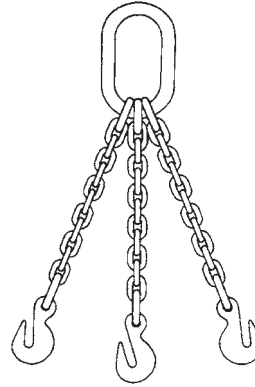
To prevent the possibility of serious bodily injury:

- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

Cam-Alloy Chain Slings Triple Type: T



Type TOS



Type TOG

Chain Size		System	Oblong Master Link							Working Load Limit					
			Nominal Size Material		Inside Dimensions				Triple at 60°		Triple at 45°		Triple at 30°		
					Width		Length		lb	kg	lb	kg	lb	kg	
in.	mm		in.	mm	in.	mm	in.	mm							
9/32	7	10	13/16	21	3	76	6	152	11,200	5,100	9,100	4,100	6,450	2,900	
3/8	10	10	1 1/8	29	4	102	8	203	22,800	10,300	18,600	8,400	13,200	6,000	
1/2	13	10	1 1/4	32	4	102	8	203	39,000	17,700	31,800	14,400	22,500	10,200	
5/8	16	10	1 5/8	41	5 1/4	133	10 1/2	267	58,700	26,600	47,900	21,700	33,900	15,400	
3/4	20	10	1 7/8	48	6	152	12	305	91,700	41,600	74,900	34,000	53,000	24,000	
7/8	22	10	2 1/4	57	8	203	16	406	110,900	50,250	90,600	41,050	64,000	29,050	
1	26	8	2 1/4	57	8	203	16	406	123,900	56,900	101,200	46,500	71,500	32,800	
1 1/4	32	8	2 3/4	70	9	229	16	406	187,800	85,200	153,400	69,600	108,400	49,200	

Dimensions are approximate.
Triple chain slings are available in other combinations.
These items are made to order.

Slings

⚠️ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

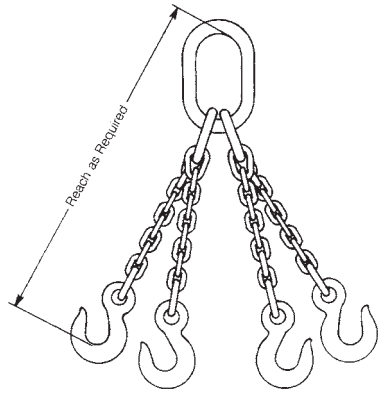
- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠️ WARNING

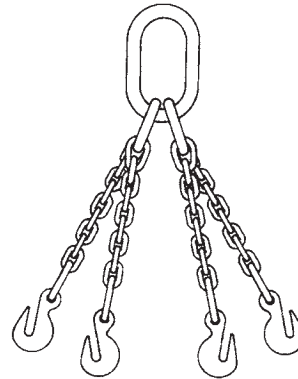
To prevent the possibility of serious bodily injury:

- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

Cam-Alloy Chain Slings Quadruple Type: Q



Type QOS



Type QOG

Chain Size	in.	mm	System	Oblong Master Link				Master Coupling Link				Working Load Limit									
				Nominal Size Material		Inside Dimensions		Nominal Size Material		Inside Dimensions		Quad at 60°		Quad at 45°		Quad at 30°					
				in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	lb	kg	lb	kg				
9/32	7	10	10	13/16	21	3	76	6	152	17/32	13	1 1/2	38	2 5/8	67	11,200	5,100	9,100	4,100	6,450	2,900
3/8	10	10	10	1 1/8	29	4	102	8	203	25/32	20	1 5/8	41	2 7/8	73	22,800	10,300	18,600	8,400	13,200	6,000
1/2	13	10	10	1 1/4	32	4	102	8	203	1	25	3	76	5	127	39,000	17,700	31,800	14,400	22,500	10,200
5/8	16	10	10	1 5/8	41	5 1/4	133	10 1/2	267	1 1/4	32	4	102	6	152	58,700	26,600	47,900	21,700	33,900	15,400
3/4	20	10	10	1 7/8	48	6	152	12	305	1 1/2	38	4	102	6	152	91,700	41,600	74,900	34,000	53,000	24,000
7/8	22	10	10	2 1/4	57	8	203	16	406	1 3/4	44	4	102	6	152	110,900	50,250	90,600	41,050	64,000	29,050
1	26	8	8	2 1/4	57	8	203	16	406	1 7/8	48	5	127	7	178	123,900	56,900	101,200	46,500	71,500	32,800
1 1/4	32	8	8	2 3/4	70	9	229	16	406	2 1/8	54	6	152	9	229	187,800	85,200	153,400	69,600	108,400	49,200

Dimensions are approximate.

Quadruple chain slings are available in other combinations.

NOTE: In practice hooks on "Q" slings are in the plane opposite that shown.

† See Oblong Master Link Sub-Assembly for complete dimensions.

These items are made to order.

Slings

⚠ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

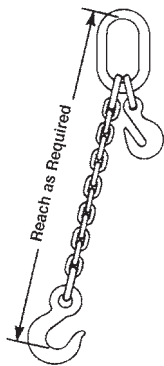
- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ WARNING

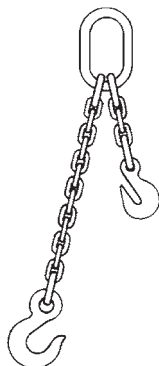
To prevent the possibility of serious bodily injury:

- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

Miscellaneous Cam-Alloy Chain Slings Types Single Adjustable



Style A

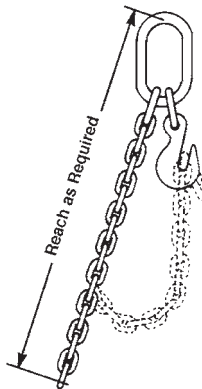


Style B
Standard with 1 foot of chain in short leg.

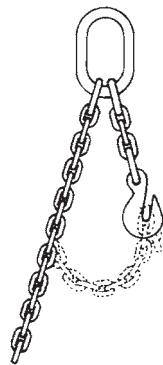
Chain Size		System	Oblong Master Link						Working Load Limit at 90°	
			Nominal Size Material		Inside Dimensions					
					Width		Length			
in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	
9/32	7	10	37/64	15	2 1/2	64	5	127	4,300	1,950
3/8	10	10	13/16	21	3	76	6	152	8,800	4,000
1/2	13	10	1 1/8	29	4	102	8	203	15,000	6,800
5/8	16	10	1 1/8	29	4	102	8	203	22,600	10,300
3/4	20	10	1 1/4	32	4	102	8	203	35,300	16,000
7/8	22	10	1 5/8	41	5 1/4	133	10 1/2	267	42,700	19,400
1	26	8	1 7/8	48	6	152	12	305	47,700	21,600
1 1/4	32	8	2	51	7	178	14	356	72,300	32,800

Dimensions are approximate.
These items are made to order.

Cam-Alloy Chain Slings Single Adjustable Loop



Style A



Style B
Standard with 1 foot of chain in short leg.

Chain Size		System	Oblong Master Link						Working Load Limit at 60°	
			Nominal Size Material		Inside Dimensions					
					Width		Length			
in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	
9/32	7	10	37/64	15	2 1/2	64	5	127	7,400	3,400
3/8	10	10	13/16	21	3	76	6	152	15,200	6,900
1/2	13	10	1 1/8	29	4	102	8	203	26,000	11,800
5/8	16	10	1 1/4	32	4	102	8	203	39,100	17,700
3/4	20	10	1 5/8	41	5 1/4	133	10 1/2	267	61,100	27,700
7/8	22	10	1 7/8	48	6	152	12	305	74,000	33,500
1	26	8	2	51	7	178	14	356	82,600	37,900
1 1/4	32	8	2 1/4	57	8	203	16	406	125,200	56,800

For other angles of lift, refer to type "D" sling specifications.
Dimensions are approximate.
These items are made to order.

Slings

⚠️ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠️ WARNING

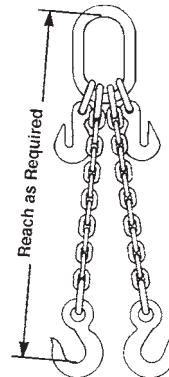
To prevent the possibility of serious bodily injury:

- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

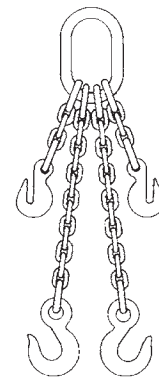
Cam-Alloy Chain Slings Double Adjustable

Chain Size	in.	mm	System	Oblong Master Link				Working Load Limit at 60°		
				Nominal Size Material		Inside Dimensions				
				in.	mm	in.	mm	in.	mm	lb
9/32	7	10	37/64	15	2 1/2	64	5	127	7,400	3,400
3/8	10	10	13/16	21	3	76	6	152	15,200	6,900
1/2	13	10	1 1/8	29	4	102	8	203	26,000	11,800
5/8	16	10	1 1/4	32	4	102	8	203	39,100	17,700
3/4	20	10	1 5/8	41	5 1/4	133	10 1/2	267	61,100	27,700
7/8	22	10	1 7/8	48	6	152	12	305	74,000	33,500
1	26	8	2	51	7	178	14	356	82,600	37,900

For other angles of lift, refer to type "D" sling specifications.
Dimensions are approximate.
These items are made to order.



Style A

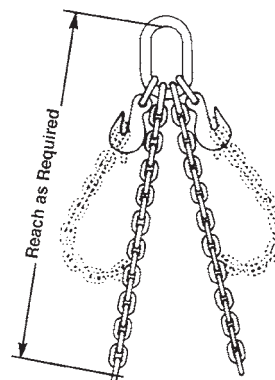


Style B
Standard with 1 foot of chain in short leg.

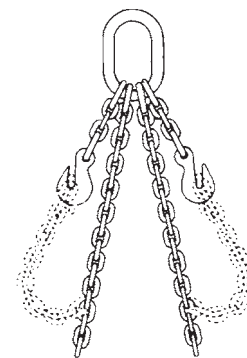
Cam-Alloy Chain Slings Double Adjustable Loop

Chain Size	in.	mm	System	Oblong Master Link				Working Load Limit at 60°		
				Nominal Size Material		Inside Dimensions				
				in.	mm	in.	mm	in.	mm	lb
9/32	7	10	13/16	21	3	76	6	152	11,200	5,100
3/8	10	10	1 1/8	29	4	102	8	203	22,800	10,300
1/2	13	10	1 1/4	32	4	102	8	203	39,000	17,700
5/8	16	10	1 5/8	41	5 1/4	133	10 1/2	267	58,700	26,600
3/4	20	10	1 7/8	48	6	152	12	305	91,700	41,600
7/8	22	10	2 1/4	57	8	203	16	406	110,900	50,250
1	26	8	2 1/4	57	8	203	16	406	123,900	56,900

For other angles of lift, refer to type "D" sling specifications.
Dimensions are approximate.
These items are made to order.



Style A



Style B
Standard with 1 foot of chain in short leg.

Slings

⚠ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

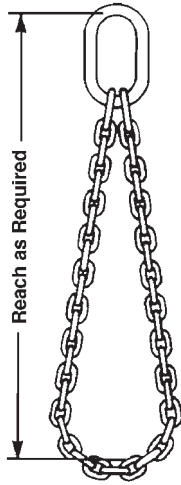
- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ WARNING

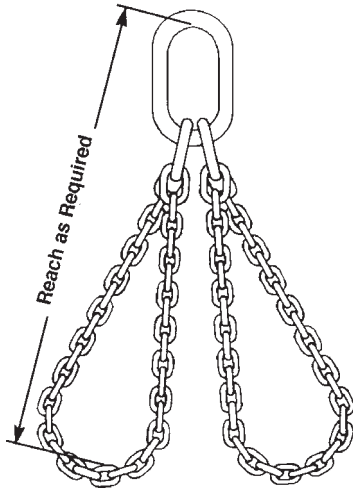
To prevent the possibility of serious bodily injury:

- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

Cam-Alloy Chain Sling Single and Double Basket



Single Basket



Double Basket

Chain Size		System	Oblong Master Link						Working Load Limit at 60°	
			Nominal Size Material		Inside Dimensions					
					Width		Length			
in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	
9/32	7	10	37/64	15	2 1/2	64	5	127	7,400	3,400
3/8	10	10	13/16	21	3	76	6	152	15,200	6,900
1/2	13	10	1 1/8	29	4	102	8	203	26,000	11,800
5/8	16	10	1 1/4	32	4	102	8	203	39,100	17,700
3/4	20	10	1 5/8	41	5 1/4	133	10 1/2	267	61,100	27,700
7/8	22	10	1 7/8	48	6	152	12	305	74,000	33,500
1	26	8	2	51	7	178	14	356	82,600	37,900
1 1/4	32	8	2 1/4	57	8	203	16	406	125,200	56,800

Chain Size		System	Oblong Master Link						Working Load Limit at 60°	
			Nominal Size Material		Inside Dimensions					
					Width		Length			
in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	
9/32	7	10	13/16	21	3	76	6	152	11,200	5,100
3/8	10	10	1 1/8	29	4	102	8	203	22,800	10,300
1/2	13	10	1 1/4	32	4	102	8	203	39,000	17,700
5/8	16	10	1 5/8	41	5 1/4	133	10 1/2	267	58,700	26,600
3/4	19	10	1 7/8	48	6	152	12	305	91,700	41,600
7/8	22	10	2 1/4	57	8	203	16	406	110,900	50,250
1	26	8	2 1/4	57	8	203	16	406	123,900	56,900

For other angles of lift, refer to Type "D" for single basket slings and

Type "Q" for double basket slings.

Dimensions are approximate.

These items are made to order.

Slings

⚠️ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

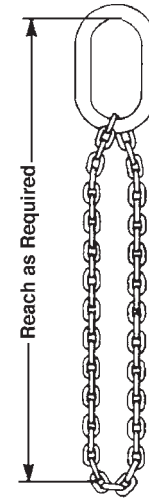
⚠️ WARNING

To prevent the possibility of serious bodily injury:

- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

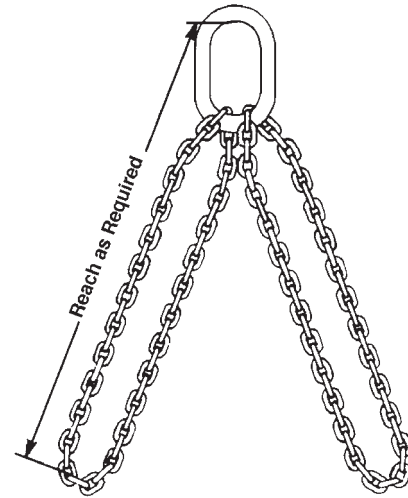
Cam-Alloy Chain Slings Single and Double Endless Basket

Chain Size		System	Oblong Master Link						Working Load Limit at 60°	
			Nominal Size Material		Inside Dimensions					
					Width		Length			
in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	
9/32	7	10	37/64	15	2 1/2	64	5	127	4,300	1,950
3/8	10	10	13/16	21	3	76	6	152	8,800	3,990
1/2	13	10	1 1/8	29	4	102	8	203	15,000	6,800
5/8	16	10	1 1/8	29	4	102	8	203	22,600	10,250
3/4	20	10	1 1/4	32	4	102	8	203	35,300	16,000
7/8	22	10	1 5/8	41	5 1/4	133	10 1/2	267	42,700	19,400
1	26	8	1 7/8	48	6	152	12	305	47,700	21,600
1 1/4	32	8	2	51	7	178	14	356	72,300	32,800



Single Endless Basket

Chain Size		System	Oblong Master Link						Working Load Limit at 60°	
			Nominal Size Material		Inside Dimensions					
					Width		Length			
in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	
9/32	7	10	37/64	15	2 1/2	64	5	127	7,400	3,400
3/8	10	10	13/16	21	3	76	6	152	15,200	6,900
1/2	13	10	1 1/8	29	4	102	8	203	26,000	11,800
5/8	16	10	1 1/4	32	4	102	8	203	39,100	17,700
3/4	20	10	1 5/8	41	5 1/4	133	10 1/2	267	61,100	27,700
7/8	22	10	1 7/8	48	6	152	12	305	74,000	33,500
1	26	8	2	51	7	178	14	356	82,600	37,900
1 1/4	32	8	2 1/4	57	8	203	16	406	125,200	56,800



Double Endless Basket

For other angles of lift, refer to Type "D" for single basket slings and Type "Q" for double basket slings.
Dimensions are approximate.
These items are made to order.

⚠️ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

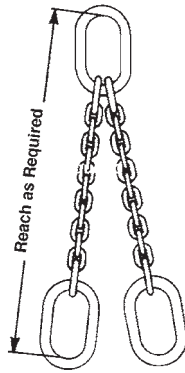
- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠️ WARNING

To prevent the possibility of serious bodily injury:

- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

Cam-Alloy Chain Slings Double with Links Only



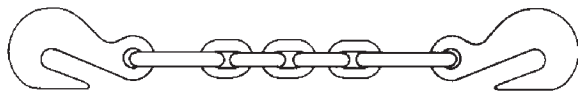
Type D00

Chain Size		System	Oblong Master Link							Standard Oblong Link							Working Load Limit at 60°	
			Nominal Size Material		Inside Dimensions					Nominal Size Material		Inside Dimensions						
					Width		Length					Width		Length				
in.	mm		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg
9/32	7	10	37/64	15	2 1/2	64	5	127	37/64	15	2 1/2	64	5	127	7,400	3,400		
3/8	10	10	13/16	21	3	76	6	152	13/16	21	3	76	6	152	15,200	6,900		
1/2	13	10	1 1/8	29	4	102	8	203	1 1/8	29	4	102	8	203	26,000	11,800		
5/8	16	10	1 1/4	32	4	102	8	203	1 1/8	29	4	102	8	203	39,100	17,700		
3/4	20	10	1 5/8	41	5 1/4	133	10 1/2	267	1 1/4	32	4	102	8	203	61,100	27,700		
7/8	22	10	1 7/8	48	6	152	12	305	1 1/2	38	5 1/4	133	10 1/2	267	74,000	33,500		
1	26	8	2	51	7	178	14	356	1 3/4	44	6	152	12	305	82,600	37,900		
1 1/4	32	8	2 1/4	57	8	203	16	406	2	51	7	178	14	356	125,200	56,800		

Dimensions and weights are approximate.
For other angles of lift, refer to Type "D" slings.
These items are made to order.

Cam-Alloy Chain Shortener

Slings



Chain Size		System	Reach	Working Load Limit	
in.	mm			lb	kg
9/32	7	10	1'1"	4,300	1,950
3/8	10	10	1'3"	8,800	4,000
1/2	13	10	1'8"	15,000	6,800
5/8	16	10	2'0"	22,600	10,300
3/4	20	10	2'4"	35,300	16,000
7/8	22	10	2'8"	42,700	19,400
1	26	8	3'1"	47,700	21,600
1 1/4	32	8	3'10"	72,300	32,800

Dimensions are approximate.
These items are made to order.

⚠️ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠️ WARNING

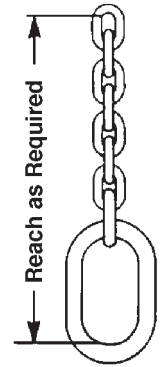
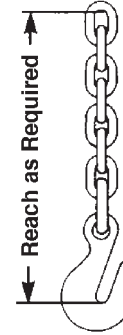
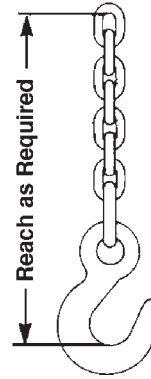
To prevent the possibility of serious bodily injury:

- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

Cam-Alloy Chain Slings Attachment, One End Only

Chain Size		System	Working Load Limit	
in.	mm		lb	kg
9/32	7	10	4,300	1,950
3/8	10	10	8,800	4,000
1/2	13	10	15,000	6,800
5/8	16	10	22,600	10,300
3/4	20	10	35,300	16,000
7/8	22	10	42,700	19,400
1	26	8	47,700	21,600
1 1/4	32	8	72,300	32,800

Dimensions are approximate.
These items are made to order.



⚠️ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal sería:

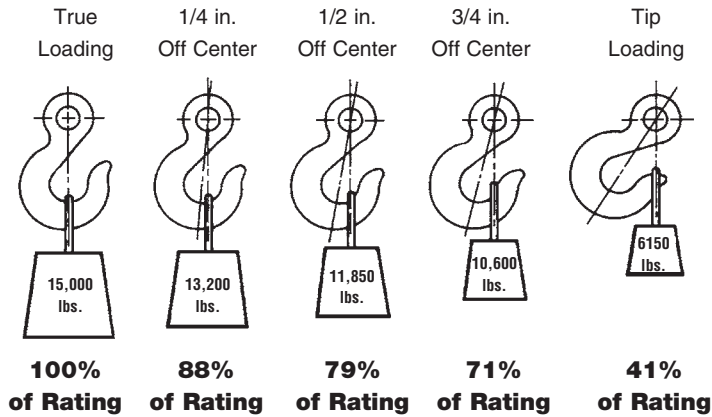
- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠️ WARNING

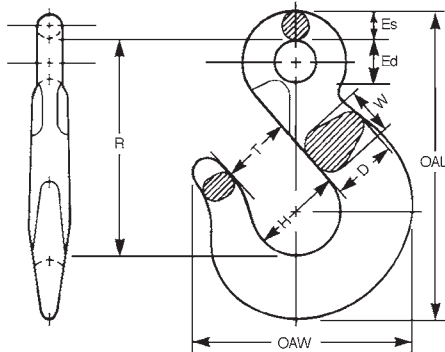
To prevent the possibility of serious bodily injury:

- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

How Off-Center (Tip) Loading Reduces Working Load Limits of 1/2" - Cam-Alloy Sling Hooks



Cam-Alloy Sling Hooks



Chain Size	in.	mm	System	Hook No.	Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit	
							lb	kg	lb	kg
9/32	7	10	C-80	5646415	222320	1.3	.6	4,300	1,950	
3/8	10	10	C-81	5646615	221583	2.7	1.2	8,800	4,000	
1/2	13	10	C-82	5646815	222856	5.40	2.4	15,000	6,800	
5/8	16	10	C-83	5647015	225109	10.00	4.5	22,600	10,300	
3/4	20	10	C-84	5647215	225093	15.00	6.8	35,300	16,000	
7/8	22	10	C-85	5645415	152962	18.50	8.4	42,700	19,400	
1	26	8	C-86	5641615	078859	27.00	12.0	47,700	21,600	

Slings

Chain Size	Dimensions																		
	R		T		H		Ed		Es		D		W		OAL		OAW		
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
9/32	7	4.50	114	1.25	32	1.50	38	.75	19	.44	11	1.14	29	.75	19	5.56	141	3.59	91
3/8	10	4.75	121	1.62	41	2.13	54	.813	21	.594	15	1.46	37	1.05	27	6.59	167	4.50	114
1/2	13	5.70	145	1.88	48	2.25	57	1.13	29	.804	20	2.00	51	1.42	36	8.37	213	5.65	143
5/8	16	7.47	190	2.34	59	2.62	67	1.31	33	.875	22	2.42	61	1.54	39	10.47	266	6.67	169
3/4	19	8.00	203	2.53	64	3.00	76	1.50	38	1.00	25	2.91	74	1.83	46	11.59	294	7.77	197
7/8	22	9.75	248	3.18	81	3.75	95	2.00	51	1.12	28	2.88	73	1.88	48	13.38	340	8.75	222
1	26	10.18	259	3.25	83	4.25	108	1.94	49	1.38	35	3.50	89	2.38	60	14.56	370	9.59	244

⚠️ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠️ WARNING

To prevent the possibility of serious bodily injury:

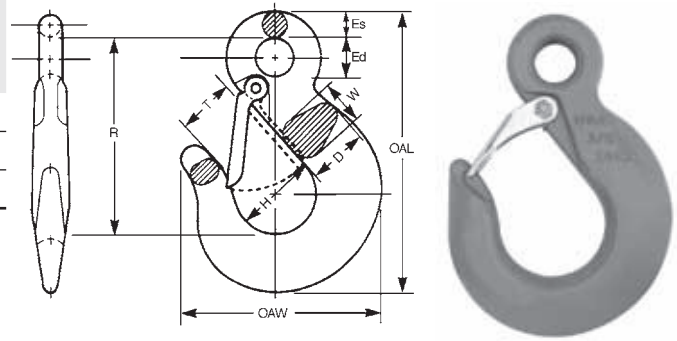
- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

Cam-Alloy Sling Hooks with Latches

Chain Size	in.	mm	System	Hook No.	Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit	
							lb	kg	lb	kg
9/32	7	10	C-90	5646495	222313	1.24	.56	4,300	1,950	
3/8	10	10	C-91	5646695	221590	2.7	1.22	8,800	4,000	
1/2	13	10	C-92	5646895	222870	5.6	2.54	15,000	6,800	

Dimensions and weights are approximate.

WARNING: Do not exceed Working Load Limit.



Chain Size	Dimensions																		
	R		T		H		Ed		Es		D		W		OAL		OAW		
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
9/32	7	4.50	114	.875	22	1.50	38	.75	19	.44	11	1.14	29	.75	19	5.56	141	3.59	91
3/8	10	4.75	121	1.314	33	2.13	54	.813	21	.594	15	1.46	37	1.05	27	6.59	167	4.50	114
1/2	13	5.70	145	1.5	38	2.25	57	1.13	29	.804	20	2.00	51	1.42	36	8.37	213	5.65	143

Cam-Alloy Latches (Old Style)

Chain Size	Sling Hook	Sling Hook with Latch	Standard Latch No.	
in.	mm			
9/32	7	5644415	5644495	3990401
3/8	10	5644615	5644695	3990601
1/2	13	5644815	5644895	3990701
5/8	16	5645015	5645095	3991001
3/4	20	5645215	5645295	3991001
7/8	22	5645415	5645495	3991409
1	26	5641615	5641695	3991409



Cam-Alloy Latches (New Style)

Chain Size	Sling Hook	Sling Hook with Latch	Standard Latch No.	
in.	mm			
9/32	7	5646415	5646495	7506495
3/8	10	5646615	5646695	7506695
1/2	13	5646815	5646895	7506895
5/8	16	5647015	5647095	7507095
3/4	20	5647215	5647295	7507295



Slings

⚠ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ WARNING

To prevent the possibility of serious bodily injury:

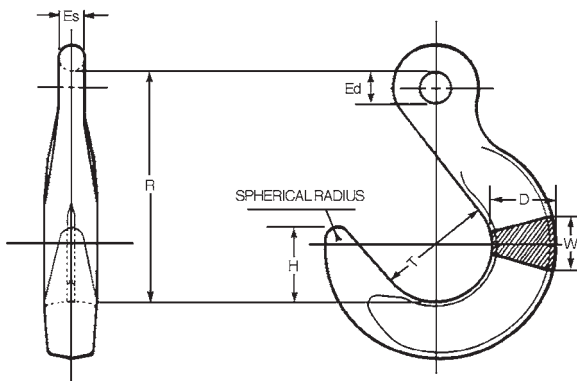
- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

Cam-Alloy Foundry Hooks



Chain Size		System	Hook No.	Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit	
in.	mm					lb	kg	lb	kg
9/32	7	10	C-498	5664415	182457	2.2	.99	4,300	1,950
3/8	10	10	C-499	5664615	182464	3.9	1.80	8,800	4,000
1/2	13	10	C-500	5664815	182471	6.7	3.00	15,000	6,800
5/8	16	10	C-501	5665015	182488	10.5	4.80	22,600	10,300
3/4	20	10	C-502	5665215	182495	15.6	7.10	35,300	16,000
7/8	22	10	C-503	5665415	152948	24.1	10.90	42,700	19,400
1	26	8	C-504	5661615	078965	33.7	15.30	47,700	21,600
1 1/4	32	8	C-505	5662015	078972	52.0	23.60	72,300	32,800

Dimensions and weights are approximate.
WARNING: Do not exceed Working Load Limit.



Chain Size		Dimensions															
		R		T		Ed		Es		D		W		H		Spherical Radius	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
9/32	7	4.75	121	2.5	64	.62	16	.47	12	1.30	33	1.00	25	1.56	40	.25	6
3/8	10	5.75	146	3.0	76	.75	19	.62	16	1.56	40	1.25	32	1.87	47	.31	8
1/2	13	6.87	174	3.5	89	1.00	25	.75	19	1.81	46	1.50	38	2.25	57	.37	9
5/8	16	8.06	205	4.0	102	1.25	32	.87	22	2.33	59	1.75	44	2.62	67	.44	11
3/4	20	9.25	235	4.5	114	1.50	38	1.00	25	2.81	71	2.00	51	3.00	76	.50	13
7/8	22	10.37	263	5.0	127	1.84	47	1.12	28	3.08	78	2.25	57	3.37	86	.56	14
1	26	11.56	294	5.5	140	2.09	53	1.25	32	3.25	83	2.50	64	3.75	95	.62	16
1 1/4	32	12.87	327	6.0	152	2.47	63	1.37	35	3.88	99	3.00	76	4.25	108	.75	19

Slings

⚠️ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

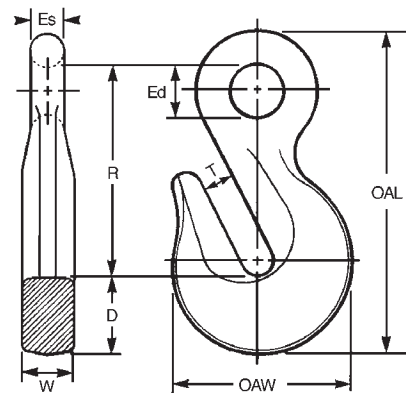
⚠️ WARNING

To prevent the possibility of serious bodily injury:

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- **DO NOT USE** if the chain or components are visibly distorted or worn.

Cam-Alloy Grab Hooks

Chain Size	in.	mm	System	Hook No.	Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit	
							lb	kg	lb	kg
9/32	7	10	C-72	5624415	182303	.60	.27	4,300	1,950	
3/8	10	10	C-73	5624615	182310	.90	.41	8,800	4,000	
1/2	13	10	C-75	5624815	182327	1.78	.81	15,000	6,800	
5/8	16	10	C-76	5625015	182334	4.41	2.00	22,600	10,300	
3/4	20	10	C-77	5625215	182341	7.50	3.40	35,300	16,000	
7/8	22	10	C-78	5625415	152979	12.20	5.50	42,700	19,400	
1	26	8	C-79	5621615	078651	19.90	9.03	47,700	21,600	
1 1/4	32	8	C-51	5622015	180156	38.10	17.30	72,300	32,800	



Chain Size	Dimensions																
	R		T		Ed		Es		D		W		OAL		OAW		
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	
9/32	7	2.50	64	.37	9	.56	14	.37	9	.81	21	.59	15	3.69	94	1.87	47
3/8	10	2.41	61	.50	13	.75	19	.44	11	1.16	29	.66	17	4.00	102	2.56	65
1/2	13	3.40	86	.66	17	1.12	28	.56	14	1.44	37	.88	22	5.40	137	3.50	89
5/8	16	4.22	107	.78	20	1.22	31	.69	18	1.75	44	1.12	28	6.66	169	4.25	108
3/4	20	5.15	131	.94	24	1.44	37	1.00	25	2.12	54	1.38	35	8.28	210	5.18	132
7/8	22	7.00	178	1.06	27	1.75	44	1.00	25	2.44	62	1.62	41	10.44	265	5.68	144
1	26	7.98	203	1.19	30	1.87	47	1.12	28	3.00	76	1.81	46	12.14	308	6.75	171
1 1/4	32	10.00	254	1.50	38	2.25	57	1.50	38	3.75	95	2.25	57	15.25	387	8.63	219

Dimensions and weights are approximate.

Note: Use of chain in a grab hook may reduce the breaking load of the chain by up to 20%

Slings

⚠ ADVERTENCIA

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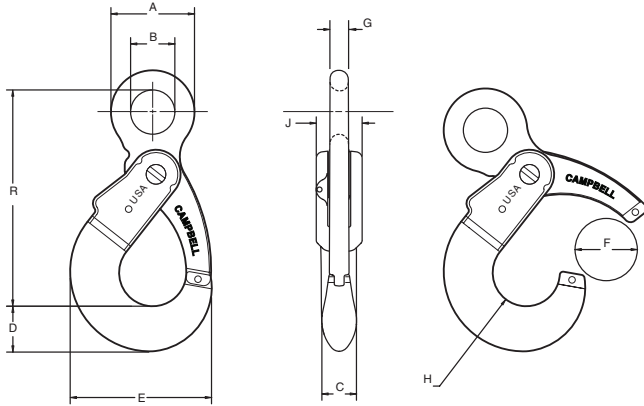
- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ WARNING

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- **DO NOT USE** if the chain or components are visibly distorted or worn.

Self-locking Eye Hooks



- Fatigue tested to ASTM A952
- Meets the intent of OSHA regulation 1926.550(g)(4)(iv)(b)
- Latch closes automatically under load
- Integrated forged latch with positive lock capability
- Trigger assembly is completely replaceable
- Eye style is designed to accommodate heavy duty wire rope thimbles
- Stamped with recommended wire rope size



Chain Size	Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit		Wire Rope Size		Working Load Limit 5 to 1*	
			lb	kg	lb	kg	in.	mm	lb	kg
9/32	7	5648495	2.25	1.06	4,300	1,950	7/16	11	3,800	1,724
3/8	10	5648695	4	1.86	8,800	4,000	1/2	13	7,000	3,175
1/2	13	5648895	8.65	3.97	15,000	6,800	5/8	16	12,000	5,443
5/8	16	5649095	13.8	6.03	22,600	10,300	7/8	22	18,000	8,165

*To meet the design requirements of Wire Rope Slings.

Chain Size	Dimensions																			
	A		B		C		D		E		F		G		H		J		R	
in. mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
9/32 7	1.875	47.6	1.000	25.4	0.938	23.8	1.020	25.9	3.594	91.3	1.625	41.3	0.438	11.1	0.875	22.2	1.250	31.8	5.468	138.9
3/8 10	2.375	60.3	1.375	34.9	1.125	28.6	1.250	31.8	4.312	109.5	1.875	47.6	0.578	14.7	1.063	27.0	1.500	38.1	6.500	165.1
1/2 13	3.188	81.0	1.688	42.9	1.312	33.3	1.796	45.6	5.404	137.3	2.250	57.2	0.688	17.5	1.281	32.5	1.750	44.5	8.750	222.3
5/8 16	3.500	88.9	2.000	50.8	1.500	38.1	2.169	55.1	6.500	165.1	2.375	60.3	0.750	19.1	1.500	38.1	2.000	50.8	10.000	254.0

Slings

Repair Kits



5788495

Hook Size	Cat. No.	UPC No. 020418
9/32	7	5788495
3/8	10	5788695
1/2	13	5788895
5/8	16	5789095

Repair Kit Contents:

- Pivot Pin
- Drive Pins (3)
- Trigger
- Trigger Spring
- Spring Alignment Insert

⚠️ ADVERTENCIA

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- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

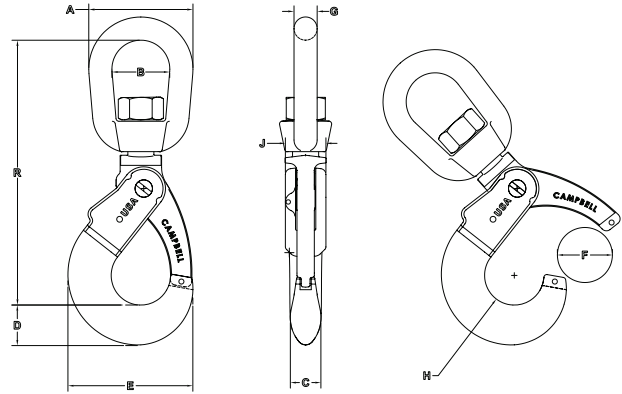
⚠️ WARNING

To prevent the possibility of serious bodily injury:

- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

Self-locking Swivel Hooks

- Fatigue tested to ASTM A952
- Meets the intent of OSHA regulation 1926.550(g)(4)(iv)(b)
- Latch closes automatically under load
- Integrated forged latch with positive lock capability
- Trigger assembly is completely replaceable
- **HOOK IS NOT DESIGNED TO SWIVEL UNDER LOAD**



Chain Size in. mm	Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit		Wire Rope Size		Working Load Limit 5 to 1*	
			lb	kg	lb	kg	in.	mm	lb	kg
9/32 7	5798495	226830	2.25	1.06	4,300	1,950	7/16	11	3,800	1,724
3/8 10	5798695	226847	4	1.86	8,800	4,000	1/2	13	7,000	3,175
1/2 13	5798895	226878	8.65	3.97	15,000	6,800	5/8	16	12,000	5,443
5/8 16	5799095	226861	13.8	6.03	22,600	10,300	7/8	22	18,000	8,165

*To meet the design requirements of Wire Rope Slings.



Chain Size in. mm	Dimensions																			
	A		B		C		D		E		F		G		H		J		R	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
9/32 7	3.000	76	1.750	44	0.938	23.8	1.020	25.9	3.594	91.3	1.625	41.3	0.625	16	0.875	22.2	1.250	31.8	7.688	195
3/8 10	3.500	89	2.000	51	1.125	28.6	1.250	31.8	4.312	109.5	1.875	47.6	0.750	19	1.063	27.0	1.500	38.1	8.813	224
1/2 13	4.500	114	2.500	64	1.312	33.3	1.796	45.6	5.404	137.3	2.250	57.2	1.000	25	1.281	32.5	1.750	44.5	11.250	286
5/8 16	5.625	143	3.500	89	1.500	38.1	2.169	55.1	6.500	165.1	2.375	60.3	1.250	32	1.500	38.1	2.000	50.8	13.438	341

⚠ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

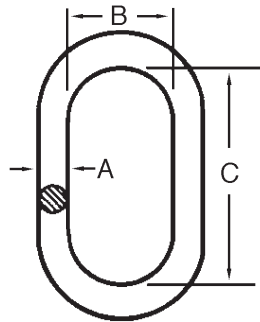
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⚠ WARNING

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Cam-Alloy Oblong Links



Link No.	Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit 4 to 1*	
			lb	kg	lb	kg
CO-0	5685615	079214	.50	.23	4,200	1,900
VO-1	5683215	182549	1.90	.86	8,600	3,900
VO-2	5683315	182556	2.63	1.19	17,600	8,000
VO-3	5683415	182563	6.78	3.08	30,000	13,600
VO-4	5683515	182570	9.20	4.17	45,200	20,500
VO-5	5683615	182587	18.90	8.60	70,600	32,100
VO-6	5683715	182594	28.71	13.00	105,900	48,100
CO-7	5687015	079351	37.80	16.92	102,600	46,600
CO-8	5687215	079375	54.00	24.49	144,600	65,700

Link No.	Nominal Diameter Material A		Inside				Used with Type and Size of Sling					
							Width B		Length C		Single Type S & C	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
CO-0	13/32	10	1 1/2	38	3	76	7/32	6	7/32	6	-	-
VO-1	37/64	15	2 1/2	64	5	127	9/32	7	9/32	7	7/32	6
VO-2	13/16	21	3	76	6	152	3/8	10	3/8	10	9/32	7
VO-3	1 1/8	29	4	102	8	203	1/2 or 5/8	13 or 16	1/2	13	3/8	10
VO-4	1 1/4	32	4	102	8	203	3/4	19	5/8	16	1/2	13
VO-5	1 5/8	41	5 1/4	133	10 1/2	267	7/8	22	3/4	19	5/8	16
VO-6	1 7/8	48	6	152	12	305	1	26	7/8	22	3/4	19
CO-7	2	51	7	178	14	356	1 1/4 or 1 1/2	32 or 38	1	26	--	--
CO-8	2 1/4	57	8	203	16	406	-	-	1 1/4 or 1 1/2	32 or 38	7/8 or 1	22 or 26

Dimensions and weights are approximate.

Slings

⚠️ ADVERTENCIA

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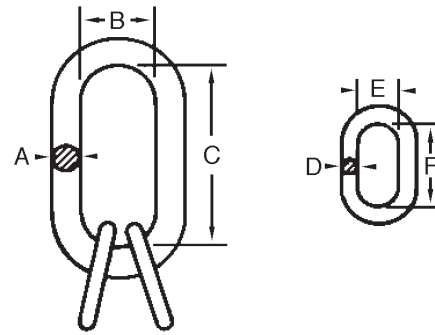
⚠️ WARNING

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Cam-Alloy Oblong, Master Link Sub-Assembly

Chain Size	in. mm	Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit	
				lb	kg	lb	kg
9/32	7	5682215	182501	4.40	2	12,900	5,900
3/8	10	5682315	182846	9.50	4	26,400	12,000
1/2	13	5682415	182518	16.00	7	45,000	20,500
5/8	16	5682515	182525	31.75	14	67,800	30,800
3/4	20	5682615	182532	50.00	23	105,900	48,100
7/8	22	5682715	167409	65.90	30	128,100	58,200



• For construction of Quad Slings, and Double Basket Slings

Chain Size	Oblong Master Link							Master Coupling Link					
	Nominal Diameter Material		Inside Dimensions				Nominal Diameter Material		Inside Dimensions				
	A		Width B		Length C		D		Width E		Length F		
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm		
9/32	7	13/16	21	3	76	6	152	17/32	13	1 1/2	38	2 3/4	70
3/8	10	1 1/8	29	4	102	8	203	25/32	20	1 9/16	40	2 7/8	73
1/2	13	1 1/4	32	4	102	8	203	1	25	3	76	5	127
5/8	16	1 5/8	41	5 1/4	133	10 1/2	267	1 1/4	32	4	102	6	152
3/4	20	1 7/8	48	6	152	12	305	1 1/2	38	4	102	6	152
7/8	22	2 1/4	57	8	203	16	406	1 3/4	44	4	102	6	152

Dimensions and weights are approximate.
These items are made to order.

Slings

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- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ WARNING

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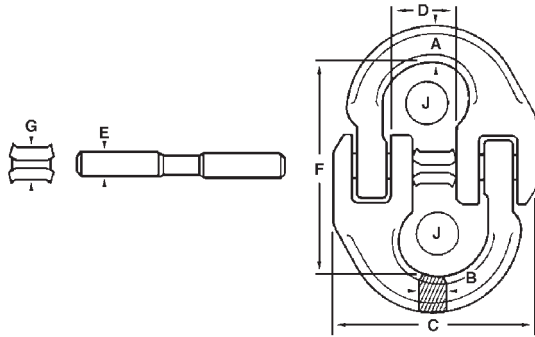
- **DO NOT EXCEED** the working load limits for chain or components.
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Quik-Alloy Coupling Links

How to Assemble:

1. Loop one half body through attachment, the other through chain. Fit together.
2. Place stud assembly and alloy locking pin in link.
3. Drive the locking pin in until the snap ring engages the recessed portion of the pin. (Link is disassembled by simply driving locking pin out.)

4. Per ASME B30.9, Section 9.1.3. "Mechanical coupling links shall not be used within the body of an alloy chain sling to connect two pieces of chain."



Chain Size		System	Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit	
in.	mm				lb	kg	lb	kg
7/32	5.5	8	5770315	079993	.10	.05	2,100	970
9/32	7	10	5779125	182754	.27	.13	4,300	1,950
3/8	10	10	5779135	182761	.55	.25	8,800	4,000
1/2	13	10	5779145	182860	1.65	.75	15,000	6,800
5/8	16	10	5779155	182778	2.70	1.23	22,600	10,300
3/4*	19	10	5779165	182785	4.30	1.95	35,300	16,000
7/8*	22	10	5779175	080050	4.35	1.97	42,700	19,400
1	26	8	5771615	080067	8.43	3.82	47,700	21,600
1 1/4	32	8	5772015	080074	15.74	7.14	72,300	32,800

Pins and Retainers

9/32	7	10	5784425	182792	.02	.009	-	-
3/8	10	10	5784435	182808	.06	.027	-	-
1/2	13	10	5784445	182815	.11	.050	-	-
5/8	16	10	5784455	182822	.17	.077	-	-
3/4*	19	10	5784465	182839	.35	.159	-	-
7/8*	22	10	5784165	181740	-	-	-	-

Slings

Chain Size		Dimensions														Max. Mat. Dia	
		A		B		C		D		E		F		G			
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
7/32	5.5	17/64	7	7/32	6	15/16	33	7/16	11	5/32	4	1 17/32	39	3/8	10	1/2	13
9/32	7	3/8	10	1 1/32	9	23/32	44	9/16	14	13/64	5	1 3/8	60	3/8	10	37/64	15
3/8	10	1/2	13	7/16	11	2 3/8	60	13/16	21	5/16	8	2 7/16	62	23/64	9	13/16	21
1/2	13	1 1/16	17	9/16	14	3	76	1 1/32	26	25/64	10	3 3/8	86	29/64	12	1 3/16	30
5/8	16	13/16	21	23/32	18	3 7/8	98	1 9/32	33	15/32	12	3 29/32	99	35/64	14	1 5/16	33
3/4	20	15/16	24	61/64	24	4 5/8	117	1 9/16	40	9/16	14	4 1/4	121	*	16	1 11/16	43
7/8	22	1 3/16	30	1 1/16	24	5 3/8	137	1 13/16	46	41/64	16	5 5/16	135	*	30	1 7/8	48
1	26	1 15/64	31	1 9/64	29	5 7/8	149	2 1/32	52	1 1/16	17	5 7/8	149	1 3/8	35	2 1/8	54
1 1/4	32	1 1/2	38	1 3/8	35	7 3/8	187	2 9/32	58	15/16	24	6 15/16	176	1 5/8	41	2 11/32	60

Dimensions and weights are approximate.

* 3/4 and 7/8 use special oversize retainers.

⚠️ ADVERTENCIA

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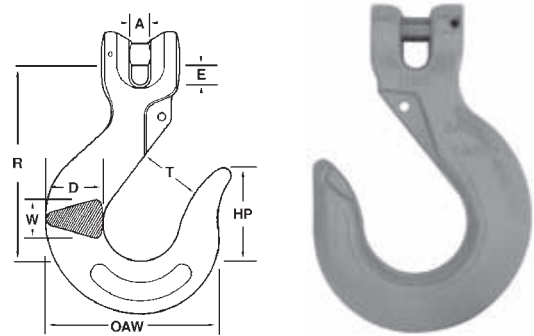
⚠️ WARNING

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- **DO NOT USE** if the chain or components are visibly distorted or worn.

Quik-Alloy Sling Hooks, Regular

Chain Size	Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit	
			lb	kg	lb	kg
3/32	7	5746415	1.5	.68	4,300	1,950
3/8	10	5746615	2.8	1.27	8,800	4,000
1/2	13	5746815	6.6	3.0	15,000	6,800
5/8	16	5747015	10.5	4.76	22,600	10,300
3/4	20	5747215	17.6	7.98	35,300	16,000

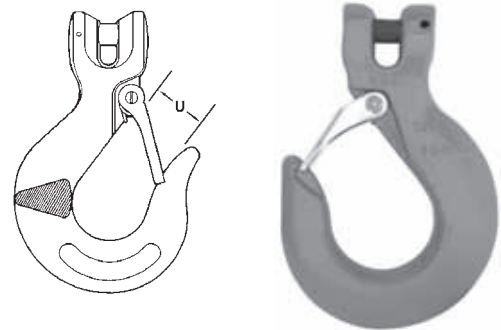


Chain Size	Dimensions																				
	R		T		U		A		E		Load Pin Dia.		D		W		HP		OAW		
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
3/32	7	3 3/4	95	1 1/4	32	1 1/16	27	5/16	8	1 1/32	9	3/8	10	1 1/8	29	3/4	19	1.78	45	3 7/8	98
3/8	10	4 3/4	121	1 5/16	41	1 5/16	33	7/16	11	1/2	13	1/2	13	1 7/16	37	1	25	2 3/8	60	4 1/2	114
1/2	13	5 3/4	146	1 7/8	48	1 1/2	38	9/16	14	5/8	16	5/8	16	2	50	1 3/8	36	3	76	6	152
5/8	16	7	178	2 3/8	59	1 3/4	44	23/32	18	3/4	19	3/4	19	2 3/8	60	1 1/2	39	3	76	6 9/16	169
3/4	20	7 3/4	197	2 1/2	64	2 3/16	56	13/16	21	7/8	22	15/16	23	2 7/8	74	1 3/4	44	3 3/8	86	7 3/4	197

Dimensions and weights are approximate.

Quik-Alloy Sling Hooks, Latched

Chain Size	Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit	
			lb	kg	lb	kg
3/32	7	5746495	1.5	.68	4,300	1,950
3/8	10	5746695	2.8	1.27	8,800	4,000
1/2	13	5746895	6.6	3.0	15,000	6,800
5/8	16	5747095	10.5	4.76	22,600	10,300
3/4	20	5747295	17.6	7.98	35,300	16,000



Chain Size	Dimensions																				
	R		T		U		A		E		Load Pin Dia.		D		W		HP		OAW		
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
3/32	7	3 3/4	95	1 1/4	32	1 1/16	27	5/16	8	1 1/32	9	3/8	10	1 1/8	29	3/4	19	1.78	45	3 7/8	98
3/8	10	4 3/4	121	1 5/16	41	1 5/16	33	7/16	11	1/2	13	1/2	13	1 7/16	37	1	25	2 3/8	60	4 1/2	114
1/2	13	5 3/4	146	1 7/8	48	1 1/2	38	9/16	14	5/8	16	5/8	16	2	50	1 3/8	36	3	76	6	152
5/8	16	7	178	2 3/8	59	1 3/4	44	23/32	18	3/4	19	3/4	19	2 3/8	60	1 1/2	39	3	76	6 9/16	169
3/4	20	7 3/4	197	2 1/2	64	2 3/16	56	13/16	21	7/8	22	15/16	23	2 7/8	74	1 3/4	44	3 3/8	86	7 3/4	197

Dimensions and weights are approximate.

Slings

⚠ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ WARNING

To prevent the possibility of serious bodily injury:

- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

Quik-Alloy Latches (Old Style)



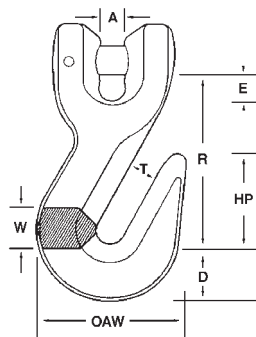
Chain Size		Sling Hook	Sling Hook with Latch	Standard Latch No.
in.	mm			
9/32	7	5744415	5744495	3990401
3/8	10	5744615	5744695	3990601
1/2	13	5744815	5744895	3990701
5/8	16	5745015	5745095	3991001
3/4	20	5745215	5745295	3991001

Quik-Alloy Latches (New Style)



Chain Size		Sling Hook	Sling Hook with Latch	Standard Latch No.
in.	mm			
9/32	7	5646415	5646495	7506495
3/8	10	5646615	5646695	7506695
1/2	13	5646815	5646895	7506895
5/8	16	5647015	5647095	7507095
3/4	20	5647215	5647295	7507295

Quik-Alloy Grab Hooks



Chain Size		Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit	
in.	mm			lb	kg	lb	kg
9/32	7	5724415	182600	.5	.23	4,300	1,950
3/8	10	5724615	182617	1.6	.73	8,800	4,000
1/2	13	5724815	182624	2.6	1.18	15,000	6,800
5/8	16	5725015	182631	5.2	2.36	22,600	10,300
3/4	20	5725215	182648	10.5	4.77	35,300	16,000

Slings

Chain Size		Dimensions																	
		R		T		A		E		Load Pin Dia.		D		W		HP		OAW	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
9/32	7	2 11/32	60	3/8	10	5/16	8	1 11/32	9	3/8	10	1 3/16	21	5/8	16	1 1/4	32	2	51
3/8	10	2 29/32	74	1/2	13	7/16	11	1/2	13	1/2	13	1 1/4	32	3/4	19	1 5/8	41	2 13/16	71
1/2	13	3 23/32	94	2 1/32	17	9/16	14	5/8	16	5/8	16	1 1/2	38	1 5/16	24	2	51	3 1/2	89
5/8	16	4 7/16	113	2 5/32	20	2 3/32	18	3/4	19	3/4	19	1 3/4	44	1 7/32	31	2 5/8	67	4 1/8	105
3/4	20	5 1/8	130	3 1/32	25	1 9/16	21	7/8	22	7/8	22	2 1/8	54	1 3/8	35	3 1/4	83	4 7/8	124

Dimensions and weights are approximate.

Note: Use of chain in a grab hook may reduce the breaking load of the chain by up to 20%

⚠️ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

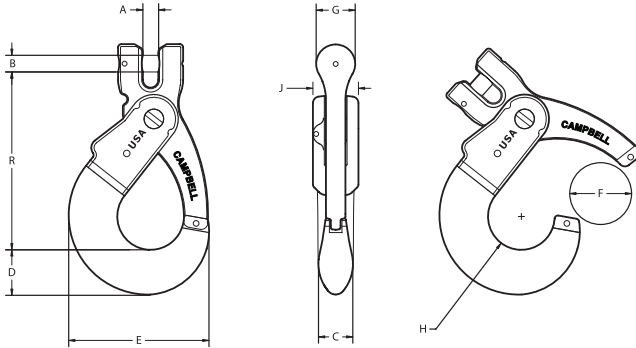
⚠️ WARNING

To prevent the possibility of serious bodily injury:

- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

Cam-Lok Self-locking Clevis Hooks

- Fatigue tested to ASTM A952
- Meets the intent of OSHA regulation 1926.550(g)(4)(iv)(b)
- Latch closes automatically under load
- Integrated forged latch with positive lock capability
- Trigger assembly is completely replaceable



Chain Size		Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit	
in.	mm			lb	kg	lb	kg
9/32	7	5748495	193309	2.35	1.06	4,300	1,950
3/8	10	5748695	193316	4.1	1.86	8,800	4,000
1/2	13	5748895	193323	8.75	3.97	15,000	6,800
5/8	16	5749095	193330	13.3	6.03	22,600	10,300

Chain Size	Dimensions																				
	A		B		C		D		E		F		G		H		J		R		
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
9/32	7	0.312	7.9	0.375	9.5	0.938	23.8	1.020	25.9	3.594	91.3	1.625	41.3	1.000	25.4	0.875	22.2	1.250	31.8	4.688	119.1
3/8	10	0.438	11.3	0.500	12.7	1.125	28.6	1.250	31.8	4.312	109.5	1.875	47.6	1.125	28.6	1.063	27.0	1.500	38.1	5.563	141.3
1/2	13	0.563	14.3	0.625	15.9	1.312	33.3	1.796	45.6	5.404	137.3	2.250	57.2	1.500	38.1	1.281	32.5	1.750	44.5	6.844	173.8
5/8	16	0.719	18.3	0.750	19.0	1.500	38.1	2.169	55.1	6.500	165.1	2.375	60.3	1.625	41.3	1.500	38.1	2.000	50.8	8.250	209.6

Cam-Lok Repair Kits

Repair Kit Contents:

- Pivot Pin
- Drive Pins (3)
- Trigger
- Trigger Spring
- Spring Alignment Insert

Hook Size		Cat. No.	UPC No. 020418
in.	mm		
9/32	7	5788495	207518
3/8	10	5788695	207525
1/2	13	5788895	210600
5/8	16	5789095	211874



5788495

Slings

⚠ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

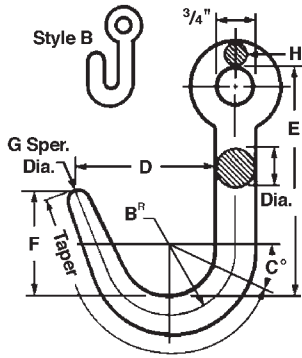
- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ WARNING

To prevent the possibility of serious bodily injury:

- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

Miscellaneous Cam-Alloy Sling Products "J" Hooks

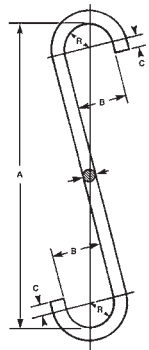


Style	Nominal Dia. Material		Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit	
	in	mm			lb	kg	lb	kg
A	3/4	19	5616215	078484	1.2	.54	2,250	1,000
B	1	26	5616615	078491	2.8	1.27	3,600	1,600
*A	1	26	5616616	189777	2.8	1.27	3,600	1,600

Style	Nominal Dia. Material		Dimensions												
			B ^R		C [°] Angle	D		E		F		G		H	
	in.	mm	in.	mm		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
A	3/4	19	1.31	33	25	2.69	68	4.38	111	2.06	52	.38	10	15/32	12
B	1	26	2.00	51	90	3.64	92	6.75	171	4.00	102	.28	7	15/32	12
*A	1	26	2.00	51	90	4.13	105	6.75	171	3.88	99	.28	7	15/32	12

*Available on special order only.
Dimensions and weights are approximate.

"S" Hooks



Nominal Dia. Material		Cat. No.	UPC No. 020418	Dimensions								Approx. Weight Each		Working Load Limit	
				A		B		C		R					
in.	mm			in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	lb	kg
9/32	7	5610405	078262	2.75	70	.75	19	.38	10	.38	10	.07	.03	250	110
3/8	10	5610605	078279	4.13	105	1.13	29	.56	14	.56	14	.33	.15	500	200
1/2	13	5610805	078286	5.50	140	1.50	38	.75	19	.75	19	.59	.27	1,000	500
5/8	16	5611005	078293	7.00	178	1.88	48	.94	24	.94	24	1.24	.56	1,500	700
3/4	19	5611205	078309	8.25	210	2.25	57	1.13	29	1.13	29	2.31	1.05	2,000	900
7/8	22	5611405	181580	9.63	245	2.63	67	1.31	33	1.31	33	3.05	1.38	2,700	1,200
1	26	5611605	078323	11.00	279	3.00	76	1.50	38	1.50	38	4.45	2.02	3,200	1,500
1 1/8	29	5611805	180125	12.13	308	3.38	86	1.69	43	1.69	43	6.48	2.94	3,500	1,600

Dimensions and weights are approximate.
These items are made to order.

⚠ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:
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 • **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

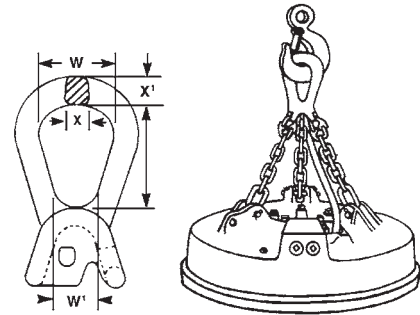
⚠ WARNING

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 • **DO NOT EXCEED** the working load limits for chain or components.
 • **DO NOT USE** if the chain or components are visibly distorted or worn.

Magnet Chains (bell type)

The Campbell Magnet Bell

- Alloy casting with no moving parts
- Designed for operational ease and long life
- Supplied with Quik-Alloy® coupling links
- Equally spaced legs
- All legs operate without twist
- Entire assembly is proof tested alloy steel
- Bell stands upright when at rest



Chain Size	Cat. No.	UPC No. 020418	Magnet Diameter		Standard Total Reach†		Length of Two Links		Approx. Wgt. of Assy.		Approx. Weight Each		Working Load Limit		
			in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	lb	kg	lb
3/4	20	0431235	179938	39-44	991-1118	33 1/2	851	4 3/8	111	75	34	37	17	59,700	27,100
7/8	22	0431435	179946	44-45	1118-1143	35 1/2	902	4 7/8	124	92	42	37	17	74,700	33,900
1	26	0431635	179952	45-60	1143 - 1524	39 1/2	1003	5 5/8	143	137	62	60	27	100,600	45,700
1 1/4	32	0432035	179969	60 & over	1524 & over	49 1/2	1257	7	178	281	127	124	56	149,400	67,800

Dimensions																			
Chain Size	Bell Dimensions											Dia.	Inside Dimensions				Length of Two Links		
	X1	X	W	L	W1	Width	Length	in.	mm	in.	mm		in.	mm	in.	mm			
3/4	20	2	51	2	51	4 1/4	108	7	178	3	76	7/8	22	2	51	6	152	4 3/8	111
7/8	22	2	51	2	51	4 1/4	108	7	178	3	76	1	25	2 1/8	54	6	152	4 7/8	124
1	26	2 3/4	70	2 1/4	57	5 3/16	132	8	203	3 1/2	89	1 1/8	29	2 1/4	57	6	152	5 5/8	143
1 1/4	32	2 1/2	64	2 1/2	64	7 1/2	191	11	279	6	152	1 1/2	38	2 5/8	67	7	178	7	178

† Reach shown is standard unless otherwise specified. If additional reach is required, add 2 link increments to each leg. Dimensions and weights are approximate. These items are made to order.

Field I.D. Tags

These tags are designed for field attachment. They are prestamped for easy addition of reach, working load limit, chain size, chain grade and sling serial number. Each steel tag measures 1 1/2" x 4 1/8" x 5/32" thick and has a 1 1/16"-diameter hole. Cut at top of tag allows you to attach to sling link. Also available solid (without split).

Box of 50 tags (order unit is "Carton").

Type	Cat. No.	UPC No. 020418	Tags Per Carton
Split	7503506	135309	50
Solid	7503506C	217319	50



Slings

⚠ ADVERTENCIA

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- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ WARNING

To prevent the possibility of serious bodily injury:

- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

Important Chain Terms

WORKING LOAD LIMIT

The “working load limit” (rated capacity) is the maximum combined static and dynamic load in pounds or kilograms that should never be applied to the product in service, even when the product is new, and when the load is uniformly applied in direct tension to the product.

PROOF TEST

The “proof test” is a quality control test applied to chain for the purpose of verifying weld and material quality. It is the minimum force in pounds or newtons that the chain has withstood in direct tension as part of the manufacturing process. Proof testing assures that the chain is more than capable of performing at its rated working load limit. Proof test loads are a manufacturing integrity test and shall not be used as criteria for service or design purposes. All Campbell proof tested chain and components are proof tested in accordance with the applicable ASTM, NACM and AISI/ASME requirements.

Warnings, Cautions, Inspection and Proper Use of Chain

Campbell chain products and components are designed and built for rugged lasting service. As with any quality product certain precautions and standards of treatment should be observed. Proper care will extend the useful life of the product.

INSTRUCTIONS REGARDING COMPONENTS AND FITTINGS

Components, such as hooks or shackles, should have at least the same working load limit (rated capacity) as the chain with which they are used. If not, the assembly shall be rated to the capacity of the weakest component. Campbell offers a full line of components engineered specifically to be compatible with our chain products.

WARNINGS AND CAUTIONS

- The use of chain is subject to certain hazards that cannot be met by mechanical or manufacturing means, but only by the exercise of intelligence, care, and common sense
- **Do not exceed the working load limit of the chain or any component**
- Chemically active environments may adversely affect chain and components. Do not use in highly acidic or caustic environments. Campbell should be contacted if the chain will be exposed to chemically active environments during use
- High and low temperatures will affect chain and components. Campbell should be contacted if temperatures below -20°F (-29°C) or above 400°F (200°C) will be experienced
- Chains used in certain applications are subject to governmental regulations. Please follow all Federal, State and/or Local Department of Transportation, OSHA, or other applicable standards and regulations when using Campbell products
- Never field weld or repair chain
- See other specific information under “Inspection and Proper Use” sections

INSPECTION

Regular inspections should be conducted on chain to detect damage or deterioration from use. The chain should be inspected for any of the below conditions. If present, the chain should immediately be removed from service.

- Cracks in the chain or any component
- Excessive nicks or gouges
- Excessive wear. Chain should be removed from service if the thickness at any point on the link is below the value shown in the Chain Minimum Allowable Thickness chart. All other components should be removed from service if any dimension is worn by more than 10% from the original dimension
- Stretched, bent, twisted, or distorted chain links or components
- Excessive corrosion
- Evidence of heat damage
- Evidence of field welding or weld splatter
- Any other condition which questions the integrity of the chain

PROPER USE

To protect the users and to prevent damage to the chain, the following safe practices should be followed:

- Select a chain suitable for the application and environment

- The hooks or other components should be of a size to fit the intended connections
- Avoid shock loading
- Pad all sharp edges or corners in contact with the chain
- Rig so that the load is properly seated in the hooks or other components. Avoid tip loading of hooks and side loading of chain and components
- Avoid twisting or kinking the chain
- Never knot chain

Purchasers please note that all “Warnings and Cautions” apply to chain as well as all components and fittings. Purchasers are responsible for conveying the “Warnings and Cautions,” including the “Inspection” and “Proper Use” section information to the end user.

Campbell denies any liability for damage that results from use in excess of the working load limit or any abuse or misuse of the product.

Any questions concerning the use of Campbell products may be directed to your Apex Tool Group Sales representative or Apex Tool Group Customer Service representative.

OTHER PRODUCTS

Campbell produces a number of products for specialty applications. Please contact your Apex Tool Group Sales representative, or Customer Service representative, if you have special requirements.

Not all products produced by Campbell appear in this catalog. Campbell can produce engineered chain to meet customer design specifications, and also produces a variety of chain assemblies. Minimum order quantities may apply to special order products.

NOTICE: The product specifications and dimensions are as accurate as possible at the time of printing. However, because we are continually improving the quality and design of our products, they can change without notice.

The dimensions and weights are approximate nominal values, and some variation will occur. If specific dimensional requirements are necessary for the application, please contact your Apex Tool Group Sales representative, or Customer Service representative.

Cam-Alloy Chain Slings

Campbell manufactures a complete line of standard sling assemblies, as well as assemblies to customer specifications. This work is done

at authorized Campbell Sling Service Centers located in strategic areas of the country to provide maximum customer service.

Important Chain Terms

WORKING LOAD LIMIT

The “working load limit” (rated capacity) is the maximum combined static and dynamic load in pounds or kilograms which should ever be applied to the product in service, even when the product is new, and when the load is uniformly applied in direct tension to the product.

PROOF TEST

The “proof test” is a quality control test applied to chain for the purpose of verifying weld and material quality. It is the minimum force in pounds or newtons that the chain has withstood in direct tension as part of the manufacturing process. Proof testing assures that the chain is more than capable of performing at its rated working load limit. Proof test loads are a manufacturing integrity test and shall not be used as criteria for service or design purposes. All Campbell chain and components are proof tested in accordance with the applicable ASTM, NACM, OSHA and AISI/ASME requirements.

Certificate of Test and Identification Tags

Campbell provides information in several forms that enables purchasers and users to operate safely and effectively in conformity with OSHA requirements. The drop forged Identification Tag is attached to the Master End Coupling link of each chain sling and provides the following lifetime information:

- Grade
- Size
- Reach
- Working Load Limit (at a specific angle of lift)
- Serial number
- Type

A Certificate of Test is provided for every Campbell manufactured chain sling. The Campbell Certificate contains all of the information provided on the identification tag, plus the Proof Test load as required by OSHA regulations.



Identification Tag



Certificate of Test

Basic Types of Chain Slings

Slings are designated throughout the industry by the symbols.

First Symbol (Basic type)

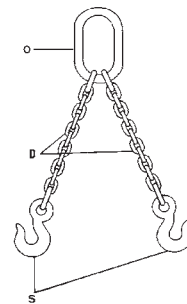
- S** Single Chain Sling with master link and hook, or hook each end.
- C** Single Choker Chain Sling with master link each end. No hooks.
- D** Double Chain Sling with standard master link and hooks.
- T** Triple Chain Sling with standard master link and hooks.
- Q** Quadruple Chain Sling with standard master link and hooks.
- SB** Single basket
- DB** Double basket

Second Symbol (Type of master link or end link)

- O** Standard Oblong Master Link—Recommended for all types.

Third Symbol (Type of Hooks)

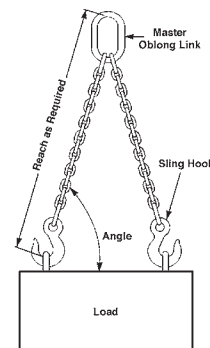
- S** Sling Hook
- G** Grab Hook
- F** Foundry Hook
- SL** Self-locking Hook



How to Order Chain Slings

1. Determine the maximum **load** to be lifted.
2. Refer to the following pages and choose the proper **type** of chain sling (single, double, etc.) dictated by the size, shape and weight of the load.
3. Estimate the approximate **angle** between a leg of the sling and the load during operation.
4. Select the proper **attachments** (hooks and master links) for your chain sling.
5. Determine the overall **reach** from bearing point on master link to bearing point on attachment.
6. Refer to the Working Load Limit Chart and to your predetermined angle of the type sling you have selected.
7. Choose the chain size which meets your requirements.
8. When entering your order be sure you give complete information as to the size, reach and attachments required.

Note: Angle to the load on multiple leg slings will be 60° or greater as long as the distance between lifting eyes of load is **not** greater than reach shown on identification tag.



⚠ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ WARNING

To prevent the possibility of serious bodily injury:

- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

Inspection, Care and Proper Use of Chain Slings

Campbell welded chain products and components are designed and built for rugged lasting service. As with any quality product certain precautions and standards of treatment should be observed. Proper care will extend the useful life of the product.

INSTRUCTIONS REGARDING COMPONENTS & FITTINGS

Components, such as master links and hooks, should have at least the same working load limit (rated capacity) as the chain with which they are used. If not, the sling shall be rated to the capacity of the weakest component. Campbell offers a full line of Cam-Alloy® and Quik-Alloy® sling components engineered specifically to be compatible with our alloy chain products.

WARNINGS AND CAUTIONS

- The use of chain, slings, and components are subject to certain hazards that cannot be met by mechanical or manufacturing means, but only by the exercise of intelligence, care, and common sense
- Sling use is subject to the Occupational Safety & Health Administration (OSHA 29 CFR 1910.184) and American Society for Mechanical Engineers (ASME B30.9) safety standards, requiring the sling user to conduct safe working practices and perform inspections
- Do not exceed the working load limit of the sling or any component
- Chemically active environments may adversely affect chain slings. Do not use in highly acidic or caustic environments. Campbell should be contacted if the sling will be exposed to chemically active environments during use
- High and low temperatures will affect chain slings. Campbell should be contacted if temperatures below -20°F (-29°C) will be experienced. The attached Effect of Elevated Temperature on the Working Load Limit of Alloy Chain chart shows the reduction in strength that occurs when chain slings are used at or have been exposed to temperatures above 400°F (204°C)
- Never field weld or repair a chain sling. Chain slings should only be repaired by a qualified repair facility
- See other specific information under the Care, Inspection, and Proper Use sections

INSPECTION

OSHA and ASME safety standards require the user to conduct:

- Frequent Inspections: A visual inspection for damage, which should be performed each day the sling is used.
- Periodic Inspections: A complete link by link and component inspection. Periodic inspection intervals vary depending on sling usage and conditions, but must occur at least annually. Written records of periodic inspections are required.

The slings should be inspected for the presence of damage. The sling should immediately be removed from service if any of the following conditions are present:

- Missing or unreadable identification tag
- Cracks in the chain or any component
- Excessive nicks, gouges or wear. Chain should be removed from service if the thickness at any point on the link is below the value shown in the attached Cam- Alloy Chain Minimum Allowable Thickness chart. All other components should be removed from service if any dimension is worn more than 10% from the original dimension
- Stretched, bent, twisted, or distorted chain links or components
- Excessive corrosion
- Evidence of heat damage
- Evidence of field welding or weld spatter
- Any other condition which questions the integrity of the chain sling
- Any side movement of the Quik Alloy Coupling Link Pin could indicate excessive wear of the pin or link half and be cause for removal from service
- Depending on the severity of use and environment, individual Quik-Alloy components should be disassembled so that load pins may be thoroughly inspected

CARE

- Chain slings should be stored in a clean and dry area, preferably on a rack, in order to extend their life
- Chain slings should not be stored in areas where they would be subject to damage, corrosion, chemical attack, or extreme temperatures
- Clean slings periodically, as dust and grit can accelerate wear
- During use, chain slings should not be dragged over abrasive surfaces. Loads should not be rested on the chain sling to avoid damage

PROPER USE

To protect the operators, the load, and the sling, the following safe practices should be followed. Campbell also recommends compliance with the OSHA and ASME safety standard practices.

- Select a sling suitable for the load, type of hitch, angle of loading, and environment. The hooks and master links should be of a size to fit the intended connections
- Avoid shock loading
- Pad all sharp edges or corners in contact with the sling to prevent damage to either the sling or the load
- Balance the load to prevent shifting, to maintain control of the load, and to prevent overloading of any leg in a multiple leg sling
- Rig so that the load is properly seated in the hooks and master link. Avoid tip loading of hooks and side loading of master links
- Avoid twisting or kinking of sling legs
- Never knot chain legs

Cam-Alloy Chain - Minimum Allowable Thickness

Chain Size		Cat. No. Drum	Actual Size Stock Dia.		Min. Allowable Thickness on Any	
in.	mm		in.	mm	in.	mm
7/32	5.5	0400312	.218	6	.189	4.80
9/32	7	0405212	.282	7	.239	6.07
3/8	10	0405412	.402	10	.342	8.69
1/2	13	0405512	.522	13	.443	11.26
5/8	16	0405612	.643	16	.546	13.87
3/4	20	0405712	.802	20	.687	17.45
7/8	22	0405812	.881	22	.750	19.05
1	26	0401612	1.000	25	.887	22.53
1 1/4	32	0402012	1.250	32	1.091	27.71

Effect of Elevated Temperature on the Working Load Limit of Alloy Chain

Temperature		Grade of Chain			
		Grade 80 (System 8)		Grade 100 (System 10)	
(°F)	(°C)	Reduction of Working Load Limit WHILE AT Temperature	Reduction of Working Load Limit AFTER EXPOSURE to Temperature	Reduction of Working Load Limit WHILE AT Temperature	Reduction of Working Load Limit AFTER EXPOSURE to Temperature
< 400°	< 204°	None	None	None	None
400°	204°	10%	None	15%	None
500°	260°	15%	None	25%	5%
600°	316°	20%	5%	30%	15%
700°	371°	30%	10%	40%	20%
800°	427°	40%	15%	50%	25%
900°	482°	50%	20%	60%	30%
1000°	538°	60%	25%	70%	35%

>1000° >538° OSHA requires that any chain sling which has experienced temperatures in excess of 1000° F be removed from service.

PROPER USE (continued)

- Horizontal angles less than 30° should not be used without consulting Campbell or a qualified person
- For choker hitches, angles of choke greater than 120° should not be used without consulting Campbell or a qualified person. Choker hitches reduce the working load limit by 20% (See pages 186 & 187)
- For basket hitches, the minimum recommended diameter of the load is 10 times the nominal chain diameter

Purchasers please note that all "Warnings and Cautions" apply to chain, components and fittings, as well as chain slings. Purchasers are responsible for conveying the "Warnings and Cautions" including the "Inspection, Care and Proper Use" section information to the end user.

Campbell denies any liability for damage that results from use in excess of the working load limit or any abuse or misuse of the product.

Any questions concerning the use of Campbell products may be directed to your Apex Tool Group Sales Representative or Customer Service.

⚠️ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal sería:

- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠️ WARNING

To prevent the possibility of serious bodily injury:

- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.