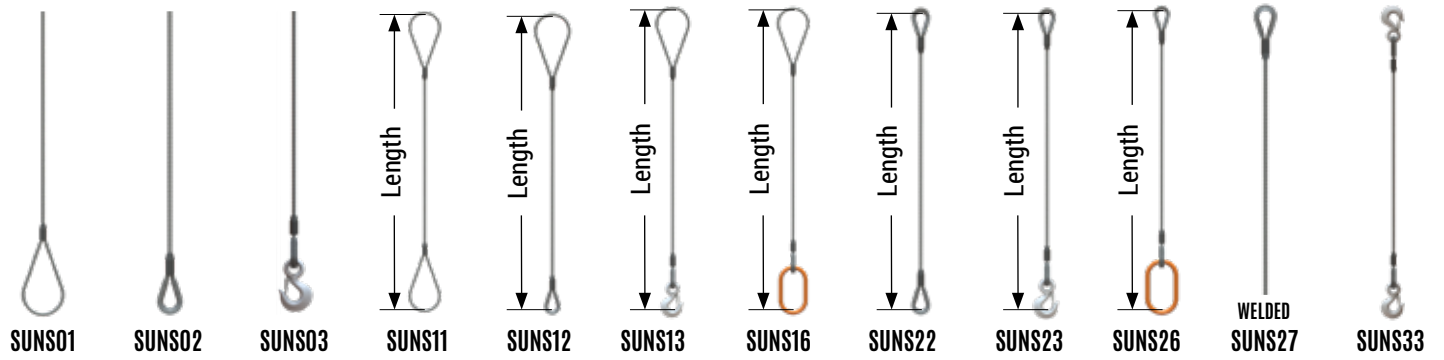




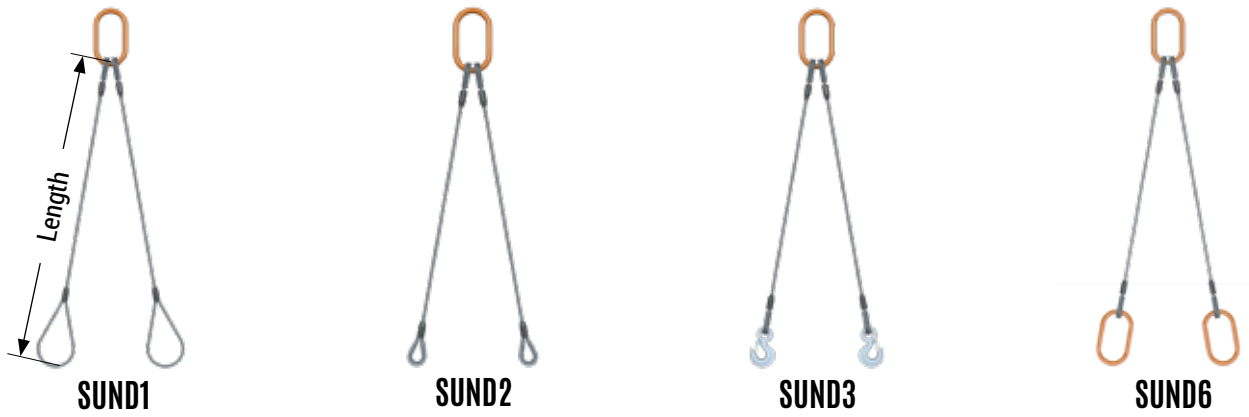
Hooked on service



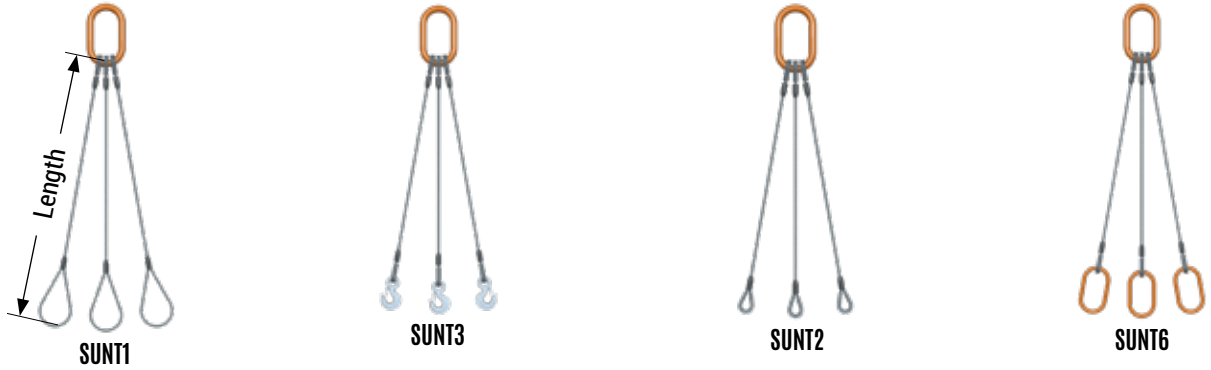
SINGLE LEG



DOUBLE LEGS



THREE LEGS




FOUR LEGS



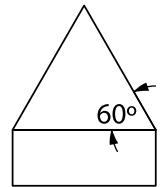
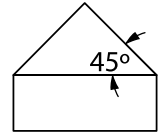
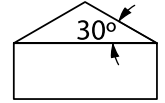
⚠ WARNING : The maximum loads shown are applicable only for new products or in perfect condition.

⚠ Do not exceed maximum rated capacities.



Wire Rope Slings Single Leg, 6 x 19, 6 x 26, 6 x 36, 6 x 41 Steel Core EIPS

Diameter in.	Standard Loops Inside Diameter in.	 TON	EIPS Working Load Limit lbs.						
			Vertical	Choker			Basket		
			90°	90°	90°	60°	45°	30°	
1/4	2 x 4	1.0	1,300	960	2,600	2,200	1,820	1,300	
5/16	3 x 6	1.0	2,000	1,480	4,000	3,400	2,800	2,000	
3/8	3 x 6	1.5	2,800	2,200	5,800	5,000	4,000	2,800	
7/16	4 x 8	2.0	3,800	2,800	7,800	6,800	5,400	3,800	
1/2	4 x 8	3.0	5,000	3,800	10,200	8,800	7,200	5,000	
9/16	5 x 10	5.0	6,400	4,800	12,800	10,880	8,960	6,400	
5/8	5 x 10	5.0	7,800	5,800	15,600	13,600	11,000	7,800	
3/4	6 x 12	7.0	11,200	8,200	22,000	19,400	15,800	11,200	
7/8	7 x 14	11.0	15,200	11,200	30,000	26,000	22,000	15,200	
1	8 x 16	11.0	19,600	14,400	40,000	34,000	28,000	19,600	
1 1/8	9 x 18	15.0	24,000	18,200	48,000	42,000	34,000	24,000	
1 1/4	10 x 20	15.0	30,000	22,000	60,000	52,000	42,000	30,000	
1 3/8	11 x 22	22.0	36,000	26,000	72,000	62,000	50,000	36,000	
1 1/2	12 x 24	22.0	42,000	32,000	84,000	74,000	60,000	42,000	
1 3/4	14 x 28	37.0	56,000	42,000	114,000	98,000	80,000	56,000	
2	16 x 32	45.0	74,000	56,000	146,000	126,000	104,000	74,000	
2 1/4	18 x 36	45.0	88,000	66,000	176,000	152,000	124,000	88,000	
2 1/2	20 x 40	60.0	108,000	81,000	216,000	187,000	152,000	108,000	

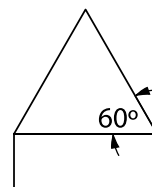
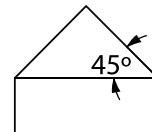
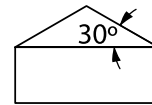
Safety Factor 5:1



Wire Rope Slings Double Legs, 6 x 19, 6 x 26, 6 x 36, 6 x 41 Steel Core EIPS

Diameter in.	EIPS Working Load Limit lbs.			 TON	
	60°	45°	30°		
1/4	2,200	1,820	1,300	1.0	A342-012
5/16	3,400	2,800	2,000	1.0	A342-058
3/8	5,000	4,000	2,800	1.5	A342-058
7/16	6,500	5,300	3,800	3.0	A342-001
1/2	8,800	7,200	5,000	3.0	A342-001
9/16	11,000	9,000	6,400	5.0	A342-001
5/8	13,600	11,000	7,800	5.0	A342-114
3/4	19,400	15,800	11,200	7.0	A342-114
7/8	26,000	22,000	15,200	11.0	A342-114
1	34,000	28,000	19,600	11.0	A342-112
1 1/8	42,000	34,000	24,000	15.0	A342-112
1 1/4	52,000	42,000	30,000	15.0	A342-134
1 3/8	62,000	50,000	36,000	22.0	A342-002
1 1/2	74,000	60,000	42,000	22.0	A342-002
1 3/4	98,000	80,000	56,000	37.0	A342-002
2	126,000	104,000	74,000	45.0	A342-214
2 1/4	152,400	124,400	88,000	45.0	A342-212
2 1/2	187,000	152,700	108,000	60.0	A342-234

Safety Factor 5:1





WARNING : The maximum loads shown are applicable only for new products or in perfect condition.

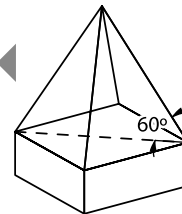
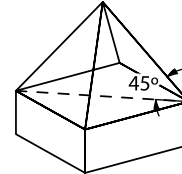
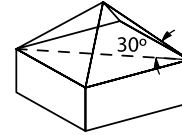


Do not exceed maximum rated capacities.



Wire Rope Slings Three Legs, 6 x 19, 6 x 26, 6 x 36, 6 x 41 Steel Core EIPS

Diameter in.	EIPS Working Load Limit lbs.			TON	 
	60 °	45 °	30 °		
1/4	3,400	2,800	1,940	1.0	A342-058
5/16	5,100	4,200	3,000	1.0	A342-058
3/8	7,400	6,000	4,400	1.5	A342-001
7/16	9,800	8,000	5,700	2.0	A342-001
1/2	13,200	10,800	7,600	3.0	A342-114
9/16	16,600	13,500	9,600	5.0	A342-114
5/8	20,000	16,600	11,800	5.0	A342-114
3/4	30,000	24,000	16,800	7.0	A342-112
7/8	40,000	32,000	22,000	11.0	A342-134
1	52,000	42,000	30,000	11.0	A342-002
1 1/8	62,000	52,000	36,000	15.0	A342-214
1 1/4	76,000	62,000	44,000	15.0	A342-212
1 3/8	92,000	76,000	54,000	22.0	A342-234
1 1/2	110,000	90,000	64,000	22.0	A342-234
1 3/4	148,000	120,000	84,000	37.0	A342-234
2	190,000	156,000	110,000	45.0	A342-234
2 1/4	228,600	186,600	132,000	45.0	A342-003
2 1/2	280,500	229,000	162,000	60.0	A342-312

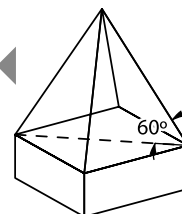
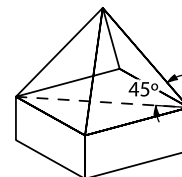
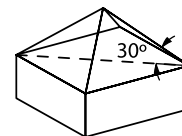
Safety Factor 5:1



Wire Rope Slings Four Legs, 6 x 19, 6 x 26, 6 x 36, 6 x 41 Steel Core EIPS

Diameter in.	EIPS Working Load Limit lbs.			TON	 
	60 °	45 °	30 °		
1/4	4,400	3,600	2,600	1.0	A342-058
5/16	6,900	5,600	4,000	1.0	A342-058
3/8	10,000	8,200	5,800	1.5	A342-001
7/16	13,100	10,700	7,600	2.0	A342-001
1/2	17,600	14,200	10,200	3.0	A342-114
9/16	22,100	18,000	12,800	5.0	A342-114
5/8	28,000	22,000	15,600	5.0	A342-114
3/4	38,000	32,000	22,000	7.0	A342-112
7/8	52,000	42,000	30,000	11.0	A342-134
1	68,000	56,000	40,000	11.0	A342-002
1 1/8	84,000	68,000	48,000	15.0	A342-214
1 1/4	102,000	84,000	60,000	15.0	A342-212
1 3/8	124,000	100,000	72,000	22.0	A342-234
1 1/2	146,000	120,000	84,000	22.0	A342-234
1 3/4	196,000	160,000	114,000	37.0	A342-234
2	256,300	209,200	148,000	45.0	A342-312
2 1/4	304,800	248,800	176,000	45.0	A342-334
2 1/2	374,100	305,400	216,000	60.0	A342-004

Safety Factor 5:1



WARNING : The maximum loads shown are applicable only for new products or in perfect condition.



Do not exceed maximum rated capacities.

Wire Rope Sling Inspection

It is important to inspect your wire rope sling after purchase.

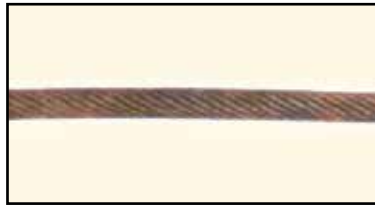
Remove the sling from service if any of the following is visible :

- ✓ If sling rated capacity or sling material identification is missing or not legible
- ✓ Ten broken wires in one rope lay or five broken wires in one strand in one rope lay
- ✓ Severe localized abrasion or scraping
- ✓ Kinking, crushing, birdcaging, or any other damage resulting in damage to the rope structure
- ✓ Evidence of heat damage
- ✓ Severe corrosion of the rope
- ✓ Excessive pitting, or corrosion, or cracked, or distorted, or broken fittings
- ✓ Any other visible damage that causes doubt as to the strength of the sling

Wire Slings



Bird caging



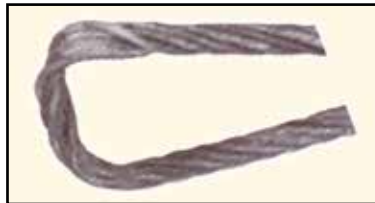
Corroded



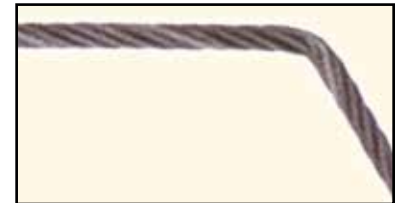
Worn wires



Broken wires



Kinked



Crushed



Pitting & corrosion



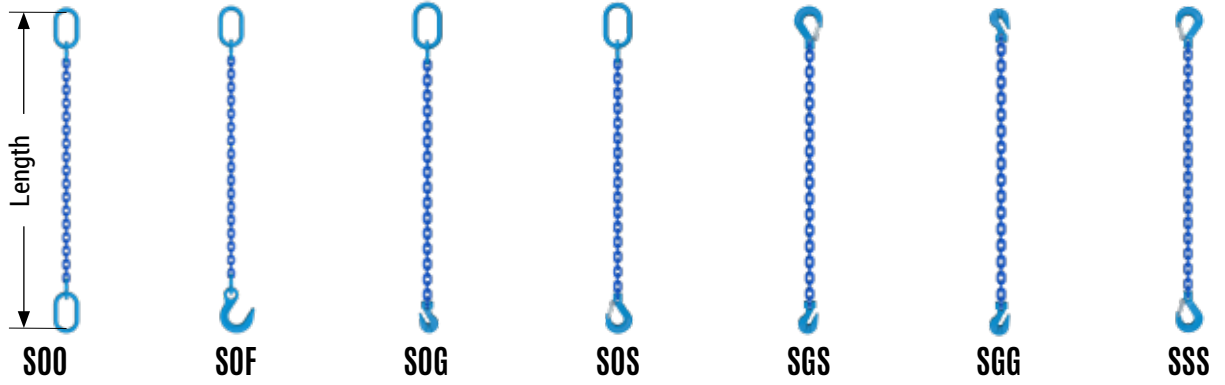
Deformed components

⚠ WARNING : The maximum loads shown are applicable only for new products or in perfect condition.

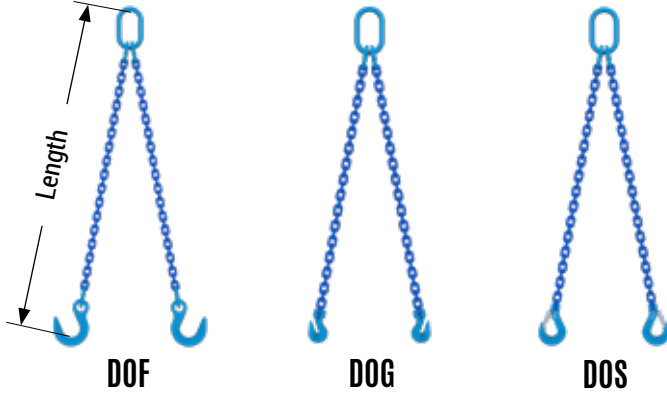
⚠ Do not exceed maximum rated capacities.

Proof Tested Chain Slings, meet requirements of ASME B30.9

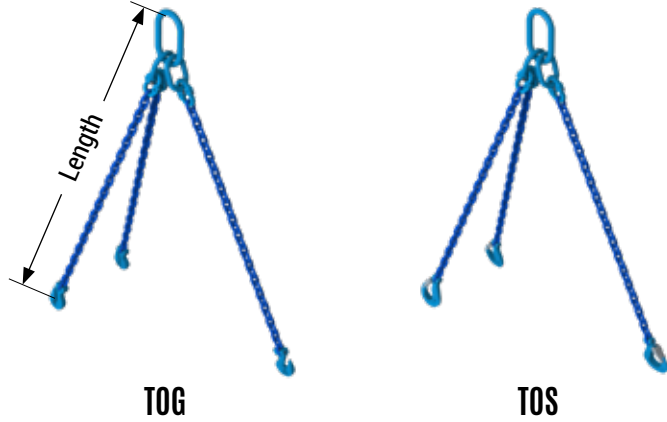
SINGLE LEG



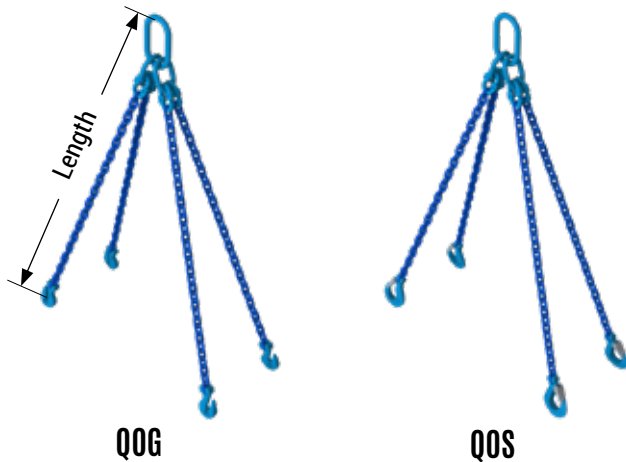
DOUBLE LEGS



THREE LEGS



FOUR LEGS



Adjustable chain slings also available

Type A Type B

Ben-Mor
OFFERS DIFFERENT CHAIN SLINGS SERVICES :

- INSPECTION
- CLEANING
- CERTIFICATION

CERTIFIED ISO 9001

⚠ WARNING : The maximum loads shown are applicable only for new products or in perfect condition.

⚠ Do not exceed maximum rated capacities.

Proof Tested & Certified Chain Slings - Grade 80

Chain Diameter in.	Working Load Limit (lbs.)						Working Load Limit (lbs.)			Assemblies
	Single Leg	Double Legs	Double Legs	Double Legs	SINGLE	DOUBLE	Three / Four	Three / Four	Three / Four	
	90°	60°	45°	30°			60°	45°	30°	
7/32	2,100	3,600	2,900	2,100	A342-012BM	A342-012BM	5,400	4,400	3,100	SUB-012
9/32	3,500	6,100	4,900	3,500	A342-012BM	A342-058BM	9,100	7,400	5,200	SUB-034
5/16	4,500	7,700	6,300	4,500	A342-012BM	A342-058BM	11,600	9,500	6,700	SUB-001
3/8	7,100	12,300	10,000	7,100	A342-034BM	A342-034BM	18,400	15,100	10,600	SUB-001
1/2	12,000	20,800	17,000	12,000	A342-001BM	A342-001BM	31,200	25,500	18,000	SUB-114
5/8	18,100	31,300	25,600	18,100	A342-001BM	A342-114BM	47,000	38,400	27,100	SUB-112
3/4	28,300	49,000	40,000	28,300	A342-114BM	A342-112BM	73,500	60,000	42,400	SUB-134
7/8	34,200	59,200	48,400	34,200	A342-112BM	A342-134BM	88,900	72,500	51,300	SUB-002
1	47,700	82,600	67,400	47,700	A342-134BM	A342-002BM	123,900	101,200	71,500	SUB-212
1 1/4	72,300	125,200	102,000	72,300	A342-002BM	A342-214BM	187,800	153,400	108,400	SUB-234

Safety Factor 4:1

Proof Tested & Certified Chain Slings - Grade 100

Chain Diameter in.	Working Load Limit (lbs.)						Working Load Limit (lbs.)			Assemblies	
	Single Leg	Double Legs	Double Legs	Double Legs	Oblongue*	SINGLE	DOUBLE	Three / Four	Three / Four		Three / Four
	90°	60°	45°	30°				60°	45°		30°
9/32	4,300	7,400	6,100	4,300	A342-012G100BM	A342-058G100BM	11,200	9,100	6,400	SUB-034G100BM	
5/16	5,700	9,900	8,100	5,700	A342-012G100BM	A342-058G100BM	14,800	12,100	8,500	SUB-001G100BM	
3/8	8,800	15,200	12,400	8,800	A342-034G100BM	A342-078G100BM	22,900	18,700	13,200	SUB-001G100BM	
1/2	15,000	26,000	21,200	15,000	A342-001G100BM	A342-001G100BM	39,000	31,800	22,500	SUB-114G100BM	
5/8	22,600	39,100	32,000	22,600	A342-001G100BM	A342-114G100BM	58,700	47,900	33,900	SUB-112G100BM	
3/4	35,300	61,100	49,900	35,300	A342-114G100BM	A342-112G100BM	91,700	74,900	53,000	SUB-002G100BM	
7/8	42,700	74,000	60,400	42,700	A342-112G100BM	A342-134G100BM	110,900	90,600	64,000	SUB-212G100BM	

Safety Factor 4:1

Environmental considerations

Chemicals & Acids

Alloy chain, Grade 80 and Grade 100 components must not be used in acidic conditions.

Extreme temperature conditions

The temperature affects the Working Load Limit of Grade 80 and Grade 100 chain slings as shown in the chart beside.

Grade 80 and Grade 100 alloy chain slings must not be used at temperatures outside the ranges in the chart beside.

Use

Never make knots with a lifting sling ;
Do not exceed specified Working Load Limit (WLL).

WARNING

Temperature of Chain (°F)		Working Load Limit While at Temperature 1	Permanent Reduction in Working Load Limit 2
°F	°C		
< -40	< -40	not-recommended	none
-40 to 400	-40 to 200	100%	none
400 to 600	200 to 300	90%	none
600 to 750	300 to 400	75%	10%
> 750	> 400	not-recommended	contact Ben-Mor

1 While chain is at temperature shown in first column.

2 When chain is used at room temperature after having been subjected to temperatures shown in first column.



WARNING : The maximum loads shown are applicable only for new products or in perfect condition.

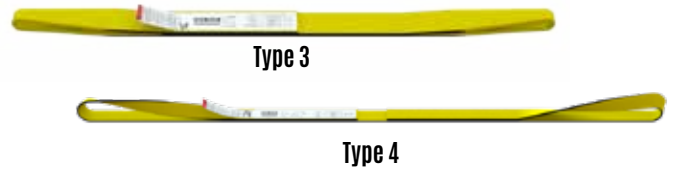


Do not exceed maximum rated capacities.



Synthetic Web Sling type # 1 - 2 - 3 - 4

Note : 1" width not available for types 1 and 2.

Material available : Polyester, Nylon Classe 7 : 9,800 lbs/in. = Breaking Strength





SINGLE PLY

Width in.	Working Load Limit lbs.						Ply Nb		
	Vertical	Choker	Basket 90°	Basket 60°	Basket 45°	Basket 30°			
1	1,600	1,280	3,200	2,770	2,260	1,600	1	EH-001	A342-012BM
2	3,100	2,480	6,200	5,360	4,380	3,100	1	EH-002	A342-012BM
3	4,700	3,760	9,400	8,140	6,640	4,700	1	EH-005	A342-012BM
4	6,200	4,960	12,400	10,730	8,760	6,200	1	EH-005	A342-012BM
6	9,300	7,440	18,600	16,100	13,150	9,300	1	EH-015	A342-034BM
8	11,750	9,400	23,500	20,350	16,610	11,750	1	EH-022	A342-001BM
10	14,700	11,760	29,400	25,460	20,780	14,700	1	EH-022	A342-001BM
12	17,650	14,120	35,300	30,560	24,950	17,650	1	CS-1023565	A342-112BM



Safety Factor 5:1

DOUBLE PLY

Width in.	Working Load Limit lbs.						Ply Nb		
	Vertical	Choker	Basket 90°	Basket 60°	Basket 45°	Basket 30°			
1	3,100	2,400	6,200	5,300	4,300	3,100	2	EH-002	A342-012BM
2	6,200	4,960	12,400	10,700	8,700	6,200	2	EH-005	A342-012BM
3	8,800	7,040	17,600	15,200	12,400	8,800	2	EH-005	A342-058BM
4	11,000	8,800	22,000	19,000	15,500	11,000	2	EH-007	A342-034BM
6	16,500	13,200	33,000	28,500	23,300	16,500	2	EH-015	A342-001BM
8	22,750	18,200	45,500	39,400	32,100	22,750	2	EH-022	A342-001BM
10	28,400	22,720	56,800	49,100	40,100	28,400	2	EH-022	A342-114BM
12	34,100	27,280	68,200	59,000	48,200	34,100	2	CS-1023565	A342-112BM



Safety Factor 5:1

TRIPLE PLY

Width in.	Working Load Limit lbs.						Ply Nb		
	Vertical	Choker	Basket 90°	Basket 60°	Basket 45°	Basket 30°			
1	4,100	3,300	8,200	7,050	5,780	4,100	3	EH-003	A342-012BM
2	8,300	6,600	16,600	14,470	11,700	8,300	3	EH-005	A342-058BM
3	12,500	10,000	25,000	21,500	17,600	12,500	3	EH-007	A342-001BM
4	16,000	12,800	32,000	27,500	22,500	16,000	3	EH-011	A342-001BM
6	23,000	18,400	46,000	39,500	32,400	23,000	3	EH-015	A342-001BM
8	30,700	24,500	61,400	52,800	43,300	30,700	3	EH-022	A342-114BM
10	36,800	29,400	73,600	63,300	51,900	36,800	3	EH-022	A342-114BM
12	44,000	35,200	88,000	75,700	62,000	44,000	3	CS-1023565	A342-112BM

Safety Factor 5:1

QUADRUPLE PLY

Width in.	Working Load Limit lbs.						Ply Nb		
	Vertical	Choker	Basket 90°	Basket 60°	Basket 45°	Basket 30°			
1	5,500	4,400	11,000	9,500	7,700	5,500	4	EH-003	A342-012BM
2	11,000	8,800	22,000	19,000	15,500	11,000	4	EH-007	A342-034BM
3	16,450	13,100	32,900	28,400	23,200	16,450	4	EH-011	A342-001BM
4	20,400	16,300	40,800	35,300	28,800	20,400	4	EH-011	A342-001BM
6	30,600	24,400	61,200	52,900	43,200	30,600	4	EH-022	A342-114BM
8	39,700	31,700	79,400	68,600	56,000	39,700	4	EH-022	A342-112BM
10	49,600	39,600	99,200	85,800	69,900	49,600	4	CS-102332A	A342-112BM
12	59,500	47,600	119,000	102,900	83,900	59,500	4	CS-1023565	A342-134BM

Safety Factor 5:1



WARNING : The maximum loads shown are applicable only for new products or in perfect condition.



Do not exceed maximum rated capacities.

Synthetic Web Sling type # 5



SIMPLE ÉPAISSEUR

Width in.	Working Load Limit lbs.					
	Vertical	Choker	Basket 90°	Basket 60°	Basket 45°	Basket 30°
1	3,200	2,560	6,400	5,540	4,520	3,200
2	6,200	4,960	12,400	10,730	8,760	6,200
3	9,400	7,520	18,800	16,200	13,200	9,400
4	12,400	9,920	24,800	21,470	17,530	12,400
6	18,600	14,880	37,200	32,210	26,300	18,600
8	21,200	16,900	42,400	36,700	29,900	21,200
10	26,500	21,200	53,000	45,800	37,400	26,500
12	31,800	25,400	63,600	55,000	44,900	31,800

Safety Factor 5:1

DOUBLE ÉPAISSEUR

Width in.	Working Load Limit lbs.					
	Vertical	Choker	Basket 90°	Basket 60°	Basket 45°	Basket 30°
1	6,200	4,960	12,400	10,700	8,700	6,200
2	12,400	9,920	24,800	21,400	17,500	12,400
3	17,600	14,080	35,200	30,400	24,800	17,600
4	22,000	17,600	44,000	38,100	31,100	22,000
6	33,000	26,400	66,000	57,100	46,600	33,000
8	42,300	33,800	84,600	73,200	59,800	42,300
10	52,900	42,300	105,800	91,600	74,800	52,900
12	63,500	50,800	127,000	109,900	89,700	63,500

Safety Factor 5:1

TRIPLE ÉPAISSEUR

Width in.	Working Load Limit lbs.					
	Vertical	Choker	Basket 90°	Basket 60°	Basket 45°	Basket 30°
1	7,900	6,300	15,800	13,600	11,100	7,900
2	15,800	12,600	31,600	27,300	22,300	15,800
3	22,900	18,300	45,800	39,600	32,300	22,900
4	30,600	24,400	61,200	52,900	43,200	30,600
6	45,800	36,600	91,600	79,300	64,700	45,800
8	61,200	48,900	122,400	105,900	86,500	61,200
10	76,500	61,200	153,000	132,400	108,100	76,500
12	91,800	73,400	183,600	158,900	129,800	91,800

Safety Factor 5:1

QUADRUPLE ÉPAISSEUR

Width in.	Working Load Limit lbs.					
	Vertical	Choker	Basket 90°	Basket 60°	Basket 45°	Basket 30°
1	10,200	8,100	20,400	17,600	14,400	10,200
2	19,800	15,800	39,600	34,200	27,900	19,800
3	30,000	24,000	60,000	51,900	42,400	30,000
4	39,600	31,600	79,200	68,500	55,900	39,600
6	59,500	47,600	119,000	103,000	84,100	59,500
8	81,600	65,200	163,200	141,300	115,300	81,600
10	102,000	81,600	204,000	176,600	144,200	102,000
12	122,400	97,900	244,800	211,900	173,000	122,400

Safety Factor 5:1



WARNING : The maximum loads shown are applicable only for new products or in perfect condition.

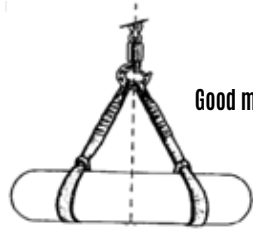


Do not exceed maximum rated capacities.

Wear Pads

Synthetic slings should be used with wear pads.

Wear pads will reduce the wear on the sling, and in turn extend the life of the sling.



Good method



Bad method



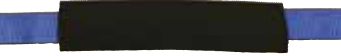
Sliding Type 02




Sliding with velcro Type 03



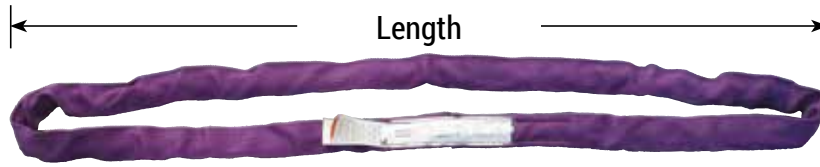
Wrapped eyes

	Material ID	Material Code	Description	Quality	Sliding	Sewn	Wrapped eye
	80	BNS	Ballistic Nylon Sandwich	Excellent	X		
	81	NYL	Nylon	Good	X		
	82	BAL	Ballistic Nylon Very high resistance to abrasion	Excellent	X	X	X
	83	COR	Cordura Nylon	Good	X	X	X
	84	DYT	Dyneema Tubing	Best	X		
	85	POT	Poly Tubing	Good	X		
	86	COT	Cordura Nylon Tubing	Good	X		
	87	ART	Armour Ploy Tubing	Very Good	X		
	88	PWY	Poly Web (Yellow CPL)	Good	X		
	94	PBP	Poly Blue Protector	Basic			X
	99	HTF	Xtreme Cover High-tech fiber yarns	Excellent	X	X	X

 **WARNING** : The maximum loads shown are applicable only for new products or in perfect condition.

 Do not exceed maximum rated capacities.

Slinger Polyester Round Slings



Code	Color Code	Working Load Limit (lbs.)						Min. Length ft.	Dia. in.	Weight lbs./ft.
		Vertical	Choker	Basket 90°	Basket 60°	Basket 45°	Basket 30°			
SL 30	Purple	3,000	2,400	6,000	5,100	4,200	3,000	18"	.75	.25
SL 40	Black	4,000	3,200	8,000	6,900	5,600	4,000	18"	.80	.35
SL 60	Green	6,000	4,800	12,000	10,300	8,400	6,000	18"	.90	.40
SL 90	Yellow	9,000	7,200	18,000	15,500	12,600	9,000	18"	1.00	.50
SL 120	Beige	12,000	9,600	24,000	20,600	16,800	12,000	18"	1.25	.75
SL 140	Red	14,000	11,200	28,000	24,100	19,600	14,000	18"	1.30	.85
SL 170	Orange	17,000	13,600	34,000	29,300	23,800	17,000	18"	1.60	.95
SL 230	Blue	23,000	18,400	46,000	39,500	32,200	23,000	18"	1.65	1.25
SL 260	Orange	26,000	20,800	52,000	44,700	36,400	26,000	2	1.75	1.45
SL 320	Grey	32,000	25,600	64,000	55,000	44,800	32,000	2	2.15	1.75
SL 400	Orange	40,000	32,000	80,000	68,800	56,000	40,000	3	2.45	2.25
SL 540	Brown	54,000	43,200	108,000	92,900	75,600	54,000	4	3.00	2.75
SL 680	Olive	68,000	54,400	136,000	117,000	95,200	68,000	4	3.25	3.60
SL 900	Black	90,000	72,000	180,000	155,000	126,000	90,000	4	3.75	4.10

Safety Factor 5:1

Code	Color Code	MIN. Connection Hardware Thickness Vertical or Choker in.	MIN. Connection Hardware Thickness Basket in.	MIN. Connection Hardware Effective Contact Width Vertical or Choker in.	MIN. Connection Hardware Effective Contact Width Basket in.
SL 30	Purple	0,500	0,625	1,000	1,375
SL 40	Black	0,625	0,875	1,000	1,375
SL 60	Green	0,625	1,000	1,375	1,875
SL 90	Yellow	0,750	1,125	1,750	2,375
SL 120	Beige	1,000	1,375	1,875	2,500
SL 140	Red	1,000	1,500	2,000	2,875
SL 170	Orange	1,125	1,750	2,125	3,000
SL 230	Blue	1,250	1,875	2,625	3,750
SL 260	Orange	1,375	1,875	2,875	4,000
SL 320	Grey	1,500	2,125	3,250	4,500
SL 400	Orange	1,625	2,375	3,625	5,000
SL 540	Brown	2,000	2,750	4,000	5,625
SL 680	Olive	2,125	3,000	4,625	6,500
SL 900	Black	2,500	3,500	5,250	7,375

Safety Factor 5:1

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⚠ Do not exceed maximum rated capacities.

Super Slinger High Performance Round Slings

Code	Color	Minimum Length	Working Load Limit (lbs.)					Approx. Dia. in.	Approx. Weight/ft lbs.
			Vertical	Choker	Basket 90°	Basket 60°	Basket 45°		
SSA200	Blue	18"	20,000	16,000	40,000	34,600	28,000	1 1/4	0.55
SSA250	Blue	18"	25,000	20,000	50,000	43,200	35,000	1 1/4	0.65
SSA300	Blue	2 pi	30,000	24,000	60,000	51,900	42,000	1 3/8	0.80
SSA400	Blue	3 pi	40,000	32,000	80,000	69,200	56,000	1 3/4	1.10
SSA500	Blue	3 pi	50,000	40,000	100,000	86,500	70,000	1 7/8	1.50
SSA600	Blue	3 pi	60,000	48,000	120,000	103,800	84,000	2	1.60
SSA700	Blue	4 pi	70,000	56,000	140,000	121,100	98,000	2 1/8	1.65
SSA850	Blue	4 pi	85,000	68,000	170,000	147,000	119,000	2 1/2	1.85
SSA1000	Blue	5 pi	100,000	80,000	200,000	173,000	140,000	2 3/4	2.20
SSA1250	Blue	5 pi	125,000	100,000	250,000	216,200	175,000	3	3.00
SSA1500	Blue	6 pi	150,000	120,000	300,000	259,500	210,000	3 1/4	3.35
SSA1750	Blue	6 pi	175,000	140,000	350,000	302,700	245,000	3 1/2	4.00
SSA2000	Blue	8 pi	200,000	160,000	400,000	346,000	280,000	3 3/4	4.35
SSA2250	Blue	8 pi	225,000	180,000	450,000	389,700	318,000	5	5.00
SSA2500	Blue	10 pi	250,000	200,000	500,000	433,000	353,000	5 1/2	5.85
SSA2750	Blue	10 pi	275,000	220,000	550,000	476,300	388,000	6	6.50
SSA3000	Blue	10 pi	300,000	240,000	600,000	519,600	424,000	6 1/2	7.15
SSA4000	Blue	10 pi	400,000	320,000	800,000	692,800	565,600	7	7.00
SSA5000	Blue	10 pi	500,000	400,000	1,000,000	866,000	707,000	8	8.50
SSA6000	Blue	10 pi	600,000	480,000	1,200,000	1,039,200	848,400	9	10.00

Safety Factor 5:1



Heavy Lifting... Light Slings!

Elongation at WLL	1%
Density	Floats
Moisture Retention	1%
Yarn Abrasion Resistance	Excellent (yarn on yarn)
Cover Abrasion Resistance	Excellent
UV Resistance	Very Good
Loss Strength when wet	0%

⚠ WARNING : The maximum loads shown are applicable only for new products or in perfect condition.

⚠ Do not exceed maximum rated capacities.

Round Slings Inspection criteria

It is important to inspect your round slings after purchase.

Types d'inspection

Initial Inspection : Before any new or repaired round sling is placed in service, it shall be inspected by a designated competent person to ensure that the correct round sling is being used, as well as to determine that the round sling meets the applicable requirements.

Frequent Inspection : This inspection should be conducted by the person handling the sling each time the sling is used.

Periodic Inspection : This inspection shall be conducted by the designated staff. Frequency of inspection should be based on frequency of round sling use, severity of service conditions and experience gained on the service life of round sling used in similar applications. Inspections should be conducted at least annually.

Retirer les élingues en service si l'une de ces caractéristiques est visible :

- ✓ If sling rated capacity or sling material identification is missing or not legible
- ✓ Acid or alkaline burns
- ✓ Melting, charring or weld splatters on any part of the round sling
- ✓ Holes, tears, cuts, snags or embedded particles
- ✓ Broken or worn stitching in the cover, that exposes core yarns
- ✓ Core yarns are broken or damaged during use that exposes core yarns
- ✓ Knots in any part of the round sling
- ✓ Excessive pitting, or corrosion, or cracked, or distorted, or broken fittings
- ✓ Any other visible damage that causes doubt as to the strength of the sling



Exposed load bearing yarns



Seam of cover opening



Melted or Charred areas


Inspection Records

Written inspection records, utilizing the identification for each sling as established by the user, should be kept on file for all round slings. These records should show a description of the sling and its condition on each periodic inspection.

Repair of Round Slings

There shall be no repairs of load bearing fibers. Repairs to the protective covers will be done by the original manufacturer. All repaired polyester round slings shall be proof tested to a minimum of 2 times rated vertical capacity.

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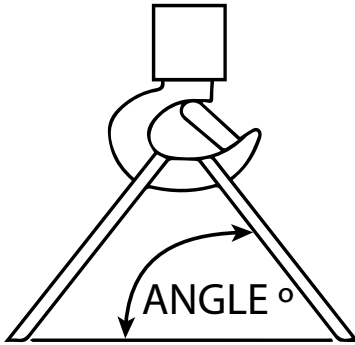
 Do not exceed maximum rated capacities.

Shackles Ben-Mor <<Brown Pin®>>

US Federal Specs RR-C-271G-16
ASME B30.26



Angle reduction



Reduction of sling capacity depends on the angle of the Sling leg. See chart for loss factor.

CAUTION: SLING SHOULD FIT THE HOOK

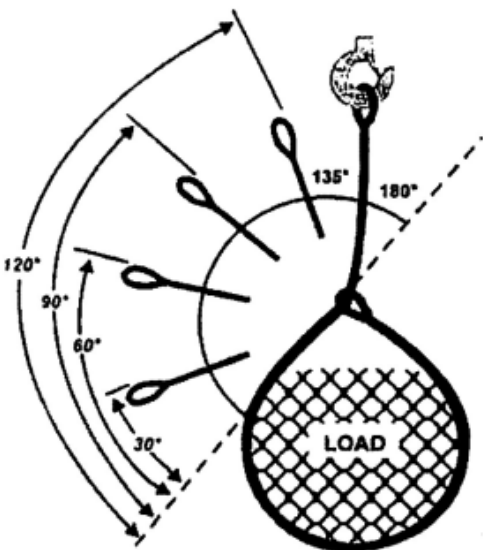
On eye and eye type slings, the eyes must be of ample length to easily slip over the crane hook, thus reducing stress on stitching.

Rated capacities are affected by angle of lift (sling to load angle) measured from the horizontal when used with multi-legged slings or choker/basket hitches.

To determine the actual capacity at a given angle of lift, multiply the original sling rating by the appropriate loss factor determined from the table.
Example:

Angle Degrees	Loss Factor
90°	1
85°	0.996
80°	0.985
75°	0.966
70°	0.94
65°	0.906
60°	0.866
55°	0.819
50°	0.766
45°	0.707
40°	0.643
35°	0.574
30°	0.500

Web Sling Rating EE2-902 6,200 lbs	X	60° angle reduction .866	X	Number of legs 2	=	2 Legs Bridle EE2-902 10,730 lbs
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Angle of Choke (degrees)	% of single leg choker hitch capacity
120 - 180	100%
90 - 120	87%
60 - 89	74%
30 - 59	62%
0 - 29	49%

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