

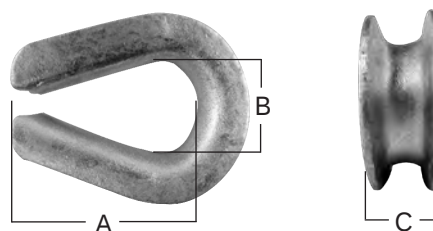
CABLE & COMPONENTS

Galvanized & Stainless Steel Aircraft Cable

	Cable Dia. (in.)	Wgt. per Reel (lbs.)	Standard Length (ft./Reel)	Nominal Break Strength (lbs.)	
				Galvanized Cable (GAC)	Stainless Steel Cable (SSAC) Type 304
7X7	1/16	5	500	480	430
	3/32	9	500	920	820
	1/8	15	500	1,700	1,500
	5/32	16	250	2,600	-
	3/16	26	250	3,700	-
	1/4	28	250	6,100	-
7X19	3/32	9	500	1,000	920
	1/8	15	500	2,000	1,760
	5/32	12	250	2,800	2,400
	3/16	17	250	4,200	3,700
	1/4	25	250	7,000	6,400
	5/16	38	200	9,800	9,000
	3/8	52	200	14,400	12,000



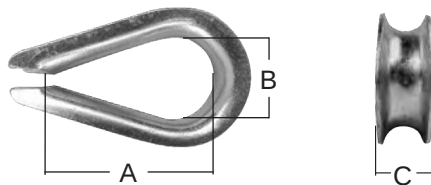
Heavy Duty Thimbles



Galvanized Cable Coated with Clear Vinyl (VGAC)

Cable Construction	Cable Dia. (in.)	Coated to (in.)	Wgt. per Reel (lbs.)	Standard Length (ft./Reel)	Nominal Break Strength (lbs.)
7X7	1/16	3/32	7	500	480
	3/32	3/16	7	250	920
	1/8	3/16	10	250	1,700
7X19	1/8	3/16	10	250	2,000
	3/16	1/4	19	200	4,200
	1/4	5/16	28	200	7,000

Standard Thimbles



Rope Dia. (in.)	Dimensions (in.)			Quantity Per Bag	Weight Per Bag (lbs.)
	A	B	C		
1/8	1.31	0.69	0.25	100	4
3/16	1.31	0.69	0.31	100	4
1/4	1.31	0.69	0.38	100	4
5/16	1.50	0.82	0.44	80	3
3/8	1.63	0.94	0.50	80	4

Rope Dia. (in.)	Dimensions (in.)			Weight Each (lbs.)
	A	B	C	
1/4	1.63	0.88	0.44	0.08
5/16	1.88	1.06	0.53	0.14
3/8	2.13	1.13	0.66	0.22
7/16	2.32	1.25	0.75	0.36
1/2	2.75	1.50	0.94	0.51
9/16	2.75	1.50	1.00	0.35
5/8	3.25	1.75	1.03	0.75
3/4	3.75	2.00	1.25	1.47
7/8	4.25	2.25	1.44	1.85
1	4.50	2.50	1.69	3.00
1-1/8	5.13	2.88	1.81	4.00
1-1/4	6.50	3.50	2.19	8.17
1-3/8 & 1-1/2	6.25	3.50	2.56	11.75
1-5/8	8.00	4.00	2.72	17.00
1-3/4	9.00	4.50	2.84	17.75
1-7/8 & 2	12.0	6.00	3.09	25.00
2-1/4	14.0	7.00	3.63	39.50

CABLE & COMPONENTS

Wire Rope Clips

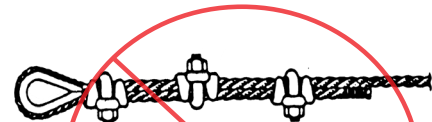
The following instructions, supplied by the Wire Rope Technical Board, will result in an approximate 80% efficiency rating when the clips are applied, as instructed, on GAC, Stainless Steel Aircraft Cable (SSAC), Regular Right Lay (RRL) or Regular Left Lay (RLL); 6X19 class or 6X37 class; fiber core or IWRC non-Seale type construction wire rope. If applying to vinyl-coated ropes, strip the vinyl from the connection area first.

How to Apply Clips

1. Turn back the specified amount of rope from the thimble. Apply the first clip, fastening it one clip width from the dead-end of the wire rope (U-bolt over dead-end; live end rests in clip saddle). Tighten nuts evenly to recommended torque.
2. Apply the next clip as close to the loop as possible. Turn nuts firmly but do not tighten.
3. If required, place additional clips equally between the first two. Tighten nuts; take up rope slack; tighten all nuts evenly on all clips to recommended torque.
4. **NOTICE!** Apply the initial load and re-tighten nuts to the recommended torque. Wire rope will stretch, and diameter is reduced when a load is applied. Inspect periodically and re-tighten to recommended torque.



Right Way: For Maximum Rope Strength



Wrong Way: Clips Staggered



Wrong Way: Clips Reversed

Drop Forged Wire Rope Clips



Rope Dia. (in.)	Min. Number of Clips	Rope Turn-back (in.)	Torque (ft.-lbs.)	Weight Each (lbs.)
1/8	2	3.25	4.5	0.06
3/16	2	3.75	7.5	0.10
1/4	2	4.75	15	0.18
5/16	2	5.25	30	0.30
3/8	2	6.50	45	0.47
7/16	2	7.00	65	0.76
1/2	3	11.5	65	0.80
9/16	3	12.0	95	1.04
5/8	3	12.0	95	1.06
3/4	4	18.0	130	1.50
7/8	4	19.0	225	2.12
1	5	26.0	225	2.50
1-1/8	6	34.0	225	2.80
1-1/4	7	44.0	360	4.15
1-3/8	7	44.0	360	4.60
1-1/2	8	54.0	360	5.30

* **WARNING**

Failure to make a termination in accordance with aforementioned instructions, or failure to periodically check and re-tighten to the recommended torque, may result in death or serious injury.

Malleable Wire Rope Clips*



Rope Dia. (in.)	Min. Number of Clips	Rope Turn-back (in.)	Torque (ft.-lbs.)	Quantity Per Bag	Weight Per Bag (lbs.)
1/8	3	5	3	200	10
3/16	3	6	5	150	12
1/4	3	7	15	100	12
5/16	3	8	15	100	15
3/8	3	10	30	50	11

* Malleable clips are not to be used for overhead lifting. Use in light-duty, non-critical applications only.