



Swivel Hook

Eye Hook

Oval Hook

Breaking Strength of 7x19 Wire Rope (lb)

Wire Rope Diameter		Galvanized Aircraft Cable	304 Stainless Steel Wire Rope
1/8 in	(.13)	3000	1760
3/16 in	(.19)	4200	3700
1/4 in	(.25)	7000	6400
5/16 in	(.31)	9800	9000
3/8 in	(.38)	14,400	12,000

Values shown are for reference only. When selecting a wire rope, use the breaking strength specified by the rope manufacturer.

Breaking Strength of 6x37 Wire Rope (lb)

Wire Rope Diameter		IWRC IPS (Improved Plow Steel) Wire Rope	IWRC EIPS (Extra Improved Plow Steel) Wire Rope
3/8 in	(.38)	12,400	15,100
7/16 in	(.44)	16,500	20,400
1/2 in	(.50)	23,000	26,600
9/16 in	(.56)	29,000	33,600
5/8 in	(.63)	35,800	41,200
3/4 in	(.75)	51,200	58,800
7/8 in	(.88)	69,200	79,600
1 in	(1.00)	89,800	103,400
1-1/8 in	(1.13)	113,000	130,000
1-1/4 in	(1.25)	138,800	159,800
1-1/2 in	(1.50)	197,800	228,000

Values shown are for reference only. When selecting a wire rope, use the breaking strength specified by the rope manufacturer.

IMPORTANT:

It is the owner or operator's responsibility to determine the suitability of the equipment to its intended use. Study all applicable codes, manuals and regulations. Be sure to read the Owner's Manual supplied with the equipment before operating it.

Wire Rope Assemblies

How to Order Wire Rope

Thern winches are sold without wire rope.

Order wire rope separately from the Thern or a reputable supplier. The breaking strength of new wire rope should be 5 times the size of the largest load for lifting application, and 3 times the size of the largest load for pulling applications. Contact a reputable wire rope supplier for more information.

Wire Rope Assemblies

Model Number	Wire Rope Diameter x Length	Approx. Ship Weight	
		(lb)	(kg)
Galvanized aircraft cable with swivel hook and swaged ball fitting.			
WA19-20NS	3/16 in x 20 ft	3	2
WA19-28NS	3/16 in x 28 ft	4	2
WA19-36NS	3/16 in x 36 ft	4	2
WA19-45NS	3/16 in x 45 ft	7	4
WA25-20NS	1/4 in x 20 ft	4	2
WA25-28NS	1/4 in x 28 ft	5	3
WA25-36NS	1/4 in x 36 ft	6	3
WA25-45NS	1/4 in x 45 ft	7	4
WA25-60NS	1/4 in x 60 ft	9	5
WA25-75NS	1/4 in x 75 ft	11	5
Galvanized aircraft cable with swivel hook and unfinished end.			
WA31-20DS	5/16 in x 20 ft	6	3
WA31-28DS	5/16 in x 28 ft	7	4
WA31-36DS	5/16 in x 36 ft	8	4
WA31-45DS	5/16 in x 45 ft	10	5
WA31-60DS	5/16 in x 60 ft	12	6
WA31-75DS	5/16 in x 75 ft	15	7
304 Stainless steel wire rope with SS oval hook and swaged ball fitting. Swivel hook also available. Please call Thern.			
WS19-20NS	3/16 in x 20 ft	3	2
WS19-28NS	3/16 in x 28 ft	3	2
WS19-36NS	3/16 in x 36 ft	4	2
WS19-45NS	3/16 in x 45 ft	7	4
WS19-60NS	3/16 in x 60 ft	9	5
WS19-75NS	3/16 in x 75 ft	11	5
304 Stainless steel wire rope with SS eye hook and swaged ball fitting. Swivel hook also available. Please call Thern.			
WS25-20NS	1/4 in x 20 ft	5	3
WS25-28NS	1/4 in x 28 ft	5	3
WS25-36NS	1/4 in x 36 ft	6	3
WS25-45NS	1/4 in x 45 ft	7	4
WS25-60NS	1/4 in x 60 ft	9	5
WS25-75NS	1/4 in x 75 ft	11	5
304 Stainless steel wire rope with SS eye hook and unfinished end. Swivel hook also available. Please call Thern.			
WS31-20DS	5/16 in x 20 ft	6	3
WS31-28DS	5/16 in x 28 ft	7	4
WS31-36DS	5/16 in x 36 ft	9	5
WS31-45DS	5/16 in x 45 ft	11	5
WS31-60DS	5/16 in x 60 ft	14	7
WS31-75DS	5/16 in x 75 ft	17	8

Please contact Thern or nearest Thern Distributor for firm, fixed price and delivery.