



WIRE SNAGGER® LOAD CHART

WIRE SNAGGER® SPECIFICATIONS FOR THHN & XHHW COPPER WIRE													
Wire Snagger®	Wire Size	Max Intermittent Load (lbs)		Max Continuous Load (lbs)		Min conductor dia. (in)	Max conductor dia. (in)	Max overall dia. (in)	Minimum EMT Conduit Size (in)				
		One Tool	Five Tools	One Tool	Five Tools				1 Wire	2 Wires	3 Wires	4 Wires	5 Wires
WS 3/0	2/0	1000	5000	600	3000	0.376	0.470	0.590	1-½	2	2	2*	2-½
	3/0	1000	5000	600	3000				1-½	2	2*	2*	2-½
WS 4/0	4/0	1600	8000	1000	5000	0.475	0.575	0.720	2	2-½	2-½	2-½	2-½*
	250 MCM	2400	12000	1400	7000				2	2-½	2-½	2-½	2-½*
WS 350	350 MCM	2400	12000	1400	7000	0.616	0.681	0.825	2	2-½	2-½	2-½	3
WS 500	500 MCM	3600	18000	2200	11000	0.736	0.813	0.960	2-½	3	3	3*	3-½
WS 600	600 MCM	3600	18000	2200	11000	0.813	0.893	1.080	2-½	3	3*	3-½	4
WS 750	750 MCM	3600	18000	2200	11000	0.908	0.998	1.156	2-½	3*	3-½	4	-

For use on THHN & XHHN copper wire only.

*May require special service (such as removing bushing and installing extra guide pulleys) when pulling Max diameter wires through Min size conduit.

WIRE SNAGGER® SPECIFICATIONS FOR THHN & XHHW ALUMINUM BUILDING WIRE														
Wire Snagger®	Wire Size	Max Number Strands ¹	Max Intermittent Load (lbs)		Max Continuous Load (lbs)		Min conductor dia. (in)	Max conductor dia. (in)	Min insulation dia. (in)	Max insulation dia. (in)	Minimum EMT Conduit Size (in)			
			One Tool	Four Tools	One Tool	Four Tools					1 Wire	2 Wires	3 Wires	4 Wires
WS 3/0	2/0	12	800	3200	600	2400	0.379	0.461	0.489	0.589	1-½	2	2	2
	3/0	18	900	3600	700	2800					1-½	2	2	2
	3/0 (E194343) ²	19	550	2200	400	1600					1-½	2	2	2
	4/0 (Simpull)	19	1000	4000	750	3000					2	2-½	2-½	2-½
WS 4/0	4/0	19	1000	4000	750	3000	0.461	0.520	0.589	0.655	2	2-½	2-½	2-½
	250 MCM	23	1000	4000	750	3000					2	2-½	2-½	2-½
	250 MCM	35	900	3600	650	2600					2	2-½	2-½	2-½
WS 350	350 MCM	35	2000	8000	1400	5600	0.600	0.659	0.746	0.789	2	2-½	2-½	2-½
	350 MCM	37	1600	6400	1200	4800					2	2-½	2-½	2-½
	400 MCM	35	2600	10400	1900	7600					2	2-½	2-½	2-½
WS 500	500 MCM (E194343) ²	35	1400	5600	1000	4000	0.720	0.795	0.866	0.971	2-½	3	3	3
	500 MCM	37	3000	12000	2200	8800					2-½	3	3	3
	600 MCM (Simpull)	41	3300	13200	2200	8800					2-½	3	3	3
WS 600	600 MCM	61	2600	10400	1900	7600	0.813	0.911	0.973	1.071	2-½	3	3	3-½
	750 MCM	58	2800	11200	2100	8400					2-½	3	3	3-½
WS 750	900 MCM	-	-	-	-	-	0.963	1.002	1.139	1.162	3	3-½	4	4

Notes:

1. Pulling loads for any given wire size decreases as the number of strands increase.
2. Pulling loads vary according to material properties.
3. Contact RectorSeal for wire configurations different from those depicted in this table.