Results of Experiments to ascertain the Tensile Strength and Extension, of one piece of Galvanized Steel Wire Rope, received from Messrs Binks Bros

Test No	Material Labelled	Circumference	Strands: No of strands	Strands: No of wires	Strands: Dia of wires	Wires: Total number	Main Core	Stress in pounds – Extension, inches: Length inches	10,000	15,000	20,000	25,000	30,000	35,000	40,000	45,000	50,000	55,000	60,000	65,000	70,000	75,000	80,000	85,000	90,000	95,000	100,000	Ultimate Strength lbs	Tons	Remarks
2 2263	Steel, Galvd	4·63	5	14	·1227 1 cu. ft. ·055	71	Hemp	100	·05	·08	·11	·15	·19	·24	·31	·39	·48	·54	·62	·70	·80	·94	110	129	181	240	...	96,270	Tons 43.0	3 strands & core first broke. all 30 inches clear of fa[illegible]

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