

SPIRAL STRANDS

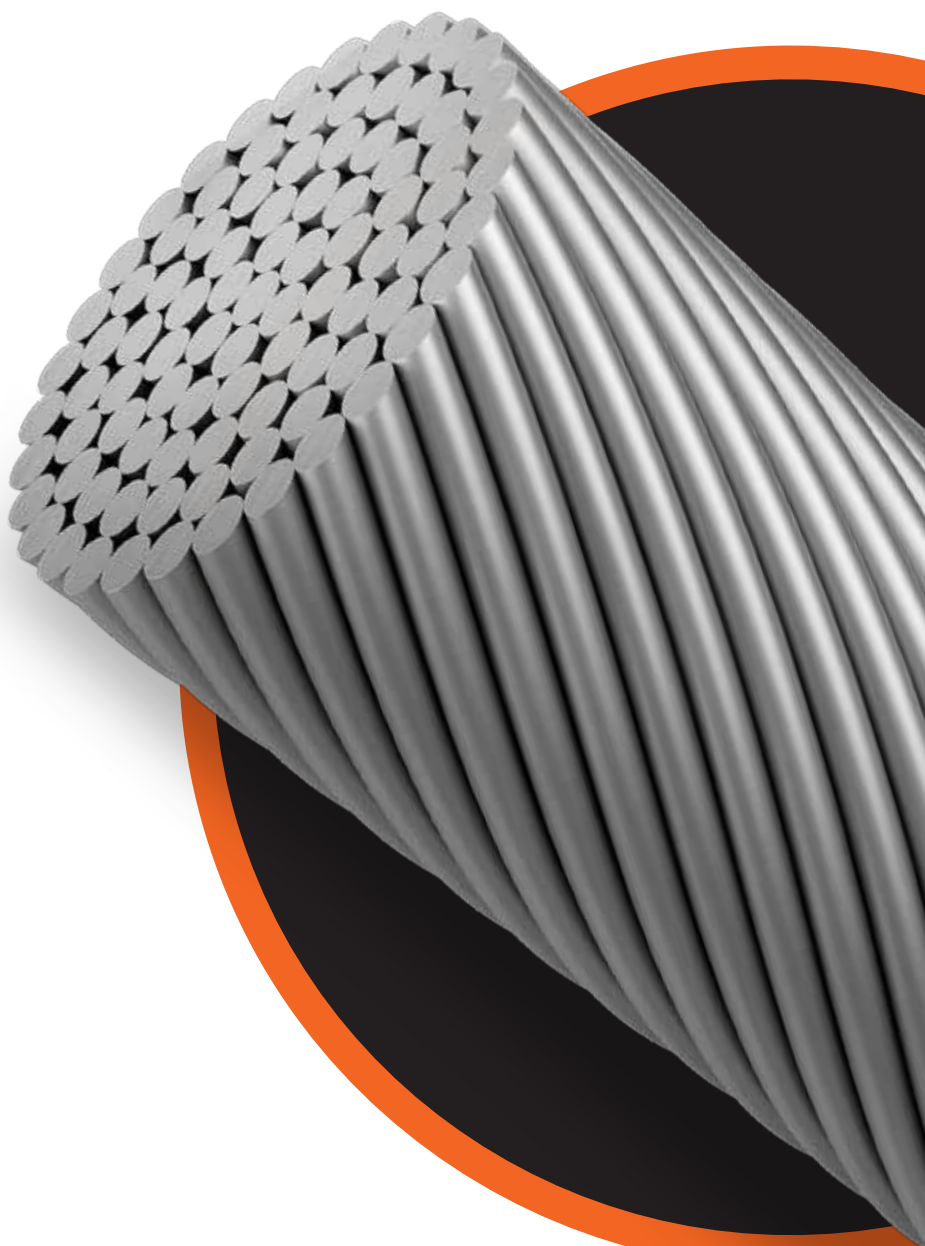
Spiral strands are assemblies of two or more layers of round wires held helically around a centre, usually of a single round wire. Our engineers are able to meet the special requirements of breaking force, or national / international standards. Generally, we manufacture strands in the following constructions,

We can also design strands constructions that meet your specific breaking force requirements

Pre-stretched before shipping

Strict compliance with national / international standards as per your need

We offer spiral strands in sizes and constructions not included in our tables



BRUNTON
WIRE ROPES
THE SPECIALIST



Constructions

1x19, 1x37, 1x61, 1x91
1x127... up to 1x547

Core

Steel Core (WSC)

Range

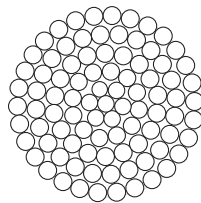
11mm - 90mm

Rope grade

1570 / 1770

MBF

61.1 - 7320 kN



Typical applications

Cable stay bridge ■ Tied arch bridge ■
Architectural footbridge ■ Suspension bridge
Stadium & arena roofs ■ Membrane & glass
roofs ■ Telecommunication masts ■ Ferris wheel

Constr.	Nominal rope Dia	Approx. mass	Minimum Breaking Force	
			1570 N/mm ²	1770 N/mm ²
	mm	kg./100m	kN	kN
1x19	11	61.1	99.9	113
	13	85.3	140	157
	14.5	106	174	196
	16	129	211	238
1x37	19	182	298	336
	22	244	390	439
	26	341	544	614
	29	425	677	763
1x61	32	517	824	930
	35	619	986	
	38	729	1160	1310
	42	891	1420	
	45	1023	1630	

- Special requirements on breaking forces can also be met.
- Spiral Strands may be provided conforming to various relevant national and international standards to suit customer needs.
- Spiral Strands can also be provided in sizes and constructions not included in the table above.

Constr.	Nominal rope Dia	Approx. mass	Minimum Breaking Force	
			1570 N/mm ²	1770 N/mm ²
	mm	kg./100m	kN	kN
1 x 91	40	808	1280	1450
	42	891	1410	1590
	45	1020	1620	1830
	48	1160	1850	2080
	51	1310	2090	2350
	54	1470	2340	2640
1 x 127 ... 547	57	1640	2610	2940
	60	1820	2890	3250
	64	2070	3280	3700
	66	2200	3490	3940
	68	2340	3710	4180
	71	2550	4040	4560
	74	2770	4390	4950
	77	2990	4750	5360
	80	3230	5130	5790
	84	3560	5660	6380
	87	3820	6070	6840
	90	4090	6500	7320

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Get in touch with us

Write to us at contact@bsme.uae

To send us a detailed enquiry

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Use our rope selector to find the right rope

[CLICK HERE →](#)

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BW
Brunton Wire
Ropes FZCo.

P.O. BOX 17491, JEBEL ALI FREE ZONE, DUBAI, UAE

PH.: + 9714 8838755, + 971 50 9537280, + 971 50 177 5929, + 971 50 450 3717

FAX: + 9714 8838152 | E-MAIL: wireropes@bsme-uae.com, sm@bsme-uae.com, bmall@bsme-uae.com

an  **usha martin** Group company