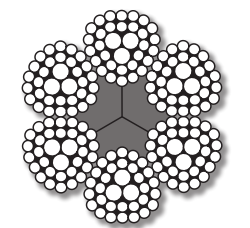
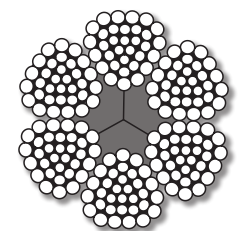
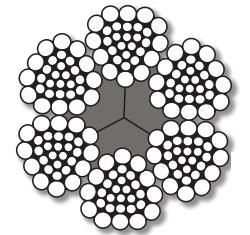
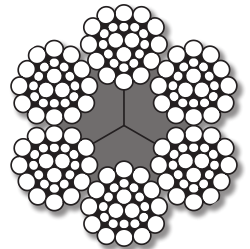
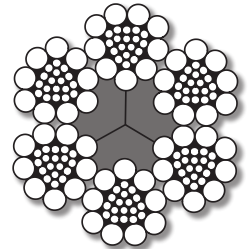


# Triangular Strand

CASAR Triangular Strand Strength and Weights										
Nominal Diameter mm	Metallic Area mm <sup>2</sup>	Weight kg/m	Aggregate Breaking Force				Minimum Breaking Force			
			1770 N/mm <sup>2</sup>		1960 N/mm <sup>2</sup>		1770 N/mm <sup>2</sup>		1960 N/mm <sup>2</sup>	
			kN	metric tons	kN	metric tons	kN	metric tons	kN	metric tons
21	195.0	1.77	345.1	35.2	382.0	38.9	290.0	29.6	321.0	32.7
22	214.0	1.94	378.4	38.6	418.9	42.7	318.0	32.4	352.0	35.9
23	234.0	2.13	412.9	42.1	458.2	46.7	347.0	35.4	385.0	39.2
24	255.0	2.32	449.8	45.9	498.6	50.8	378.0	38.5	419.0	42.7
25	281.0	2.53	487.9	49.7	540.3	55.1	410.0	41.8	454.0	46.3
26	304.0	2.74	549.9	56.1	595.2	60.7	462.1	47.1	500.2	51.0
27	328.0	2.95	600.1	61.2	655.8	66.8	504.3	51.4	551.1	56.2
28	353.0	3.17	643.1	65.6	697.8	71.1	540.4	55.1	586.4	59.8
29	378.0	3.43	695.5	70.9	760.0	77.5	584.5	59.6	638.7	65.1
30	405.0	3.63	732.9	74.7	800.9	81.6	615.9	62.8	673.1	68.6
32	460.0	4.14	837.3	85.4	908.6	92.6	703.6	71.7	763.5	77.8
33	490.0	4.38	890.0	90.7	972.8	99.2	747.9	76.2	817.5	83.3
34	520.0	4.68	946.2	96.5	1,034.1	105.4	795.1	81.1	869.0	88.6
35	551.0	4.94	996.4	101.6	1,088.7	111.0	837.3	85.4	914.8	93.3
36	581.0	5.23	1,046.1	106.6	1,141.1	116.3	879.1	89.6	958.9	97.8
37	616.0	5.55	1,123.3	114.5	1,224.4	124.8	943.9	96.2	1,028.9	104.9
38	649.0	5.84	1,191.3	121.4	1,292.7	131.8	1,001.1	102.0	1,086.3	110.7
39	684.0	6.20	1,255.2	128.0	1,364.9	139.1	1,054.8	107.5	1,147.0	116.9
40	720.0	6.40	1,290.8	131.6	1,390.1	141.7	1,077.8	109.9	1,160.7	118.3
41	756.0	6.83	1,368.5	139.5	1,481.8	151.1	1,142.7	116.5	1,237.3	126.1
42	792.0	7.10	1,432.8	146.1	1,551.5	158.2	1,196.4	122.0	1,295.5	132.1
43	834.0	7.48	1,504.9	153.4	1,629.8	166.1	1,256.6	128.1	1,360.9	138.7
44	871.0	7.81	1,564.1	159.4	1,684.8	171.7	1,306.1	133.1	1,406.8	143.4
45	909.0	8.19	1,627.3	165.9	1,752.8	178.7	1,358.8	138.5	1,463.6	149.2
46	950.0	8.53	1,734.4	176.8	1,871.5	190.8	1,448.2	147.6	1,562.7	159.3
47	992.0	8.90	1,799.5	183.4	1,941.6	197.9	1,502.6	153.2	1,621.3	165.3
48	1,037.0	9.30	1,853.0	188.9	1,995.8	203.4	1,547.3	157.7	1,666.5	169.9
49	1,081.0	9.77	1,932.4	197.0	2,080.6	212.1	1,613.6	164.5	1,737.3	177.1
50	1,125.0	10.09	2,021.7	206.1	2,177.3	221.9	1,688.1	172.1	1,818.0	185.3
51	1,171.0	10.49	2,105.1	214.6	2,267.7	231.2	1,747.0	178.1	1,881.9	191.8
52	1,222.0	10.93	2,184.0	222.6	2,352.2	239.8	1,812.4	184.8	1,952.1	199.0
53	1,267.0	11.24	2,258.4	230.2	2,432.5	248.0	1,874.2	191.1	2,018.7	205.8
54	1,316.0	11.72	2,356.3	240.2	2,533.8	258.3	1,955.5	199.3	2,102.8	214.3
55	1,365.0	12.11	2,429.6	247.7	2,616.6	266.7	2,016.2	205.5	2,171.5	221.4
56	1,415.0	12.59	2,535.4	258.5	2,730.8	278.4	2,104.1	214.5	2,266.2	231.0
57	1,466.0	13.05	2,615.4	266.6	2,817.0	287.2	2,170.4	221.2	2,337.7	238.3
58	1,518.0	13.51	2,725.1	277.8	2,935.4	299.2	2,261.5	230.5	2,436.1	248.3
59	1,571.0	13.99	2,834.0	288.9	3,047.8	310.7	2,351.9	239.7	2,529.3	257.8
60	1,625.0	14.43	2,882.6	293.8	3,105.0	316.5	2,392.2	243.8	2,576.8	262.7



This chart references 6x30 Style G. Other triangular (flattened) strand constructions may vary. Available in bright, galvanized and lang lay.