Characteristics	1 High-strength steel wires	2 ACI 20SA wires (Aluminium clad Invar)	3 Aramidic fibre wires	Difference with respect to 1 (%)	Difference with respect to 2 (%)
Ultimate tensile stress (daN/mm^2)	200	100	260	+30.0	+160.0
Ultimate elongation (%)	1.5	1	2	+33.3	+100
Density (kg/dm^3)	7.8	6.77	1.02	-86.9	-84.9
Coefficient of expansion (1/°C)	11.5×10^{-6}	3.5×10^{-6}	-1.8×10^{-6}	-115.6	-151.4
Modulus of elasticity (daN/mm^2)	21000	14000	13000	-38.1	-7.1
Fatigue strength [4]	0.40-0.50	0.30-0.40	-	-	-

Figura 6