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TC-System

Tension Cable

Structural Component System

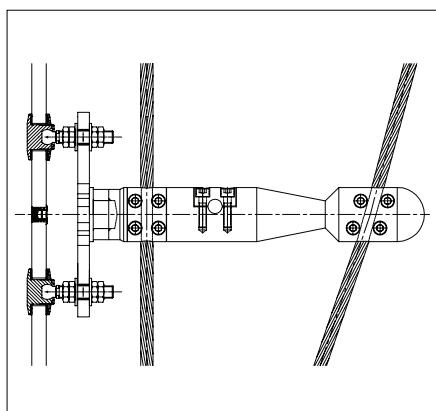
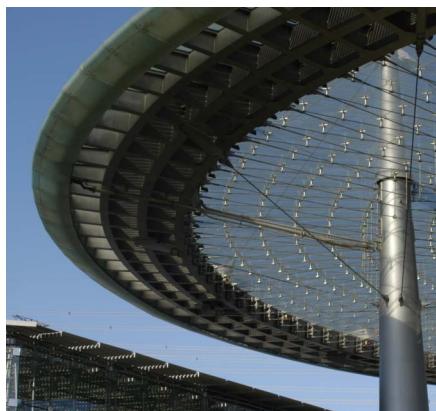
NOVUM



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System Components

01. Cables are stainless steel or galvanized steel
02. Cable ends are cast or machined
03. Novum designs but does not manufacture cables and their fittings. Novum buys these items from the highest quality strategic partners and uses their load capacity data

Applications

01. Highly engineered tension only elements
02. Used where significant pre-stress is required
03. Load is typically applied to the axis of the cable but can also be applied normal to it

System Attributes

01. Clean minimalist technology aesthetic
02. Wide range of diameters and capacity choices are available
03. Relatively affordable transparency for projects of varying sizes
04. Different cable diameters can optimize structural needs in any application
05. Broad company wide technical expertise in cable design and installation
06. Engineering assistance is available to develop adequate cable anchoring design
07. Corporate ability to develop pre-stressing methods and full method statements
08. Experienced designers ensure that all fittings and diameters are adequate
09. Novum in-house engineers ensure cable ends are correctly anchored and all movements accommodated
10. Integrates with other Novum Structural Systems as a tension component

Options/Materials/Finishes

01. Cables have standard galvanized finish with stainless as an option
02. To prevent corrosion, cable end fitting is typically same material as base cable
03. A variety of end fittings are available with threads, clevis, turnbuckles, etc.