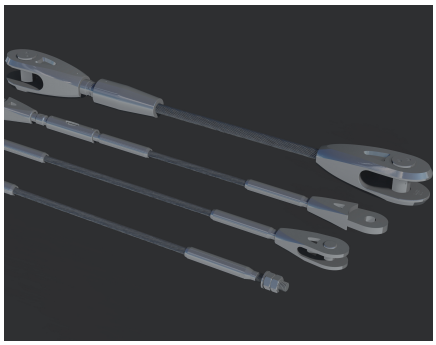

System Components

01. Cables are stainless steel or galvanized steel
02. Architectural cable ends can be stainless or galvanized of cast or machined material. They attach to the cable via methods which include pressure fitting and smelting
03. Novum designs and builds but does not manufacture cables and their fittings. Novum purchases these items from the highest quality strategic partners and uses their technical data
04. European cable assemblies of the highest standards are used as architectural and structural applications typically have limited or no redundancy

Applications

01. One-way and two-way tension cable glass facades, roof bracing, architectural membranes, cable nets, tension trusses, ties for thrusting arches and grid structures
02. Where there is a need for highly engineered tensile elements
03. Where significant prestress is required to control deformations
04. Prestress load is typically applied to the axis of the cable, but applied loads are usually applied normal to it via the use of special clamps and Novum fittings

System Attributes

01. Clean minimalist technology via ultralight structure
02. Very wide range of diameters and capacities are available
03. Affordable transparency for projects of varying sizes
04. Different cable diameters can optimize structural needs in an application
05. Broad company wide technical expertise in cable design and installation. Novum is a worldwide leader in cable wall execution
06. Engineering assistance is available to establish and then develop adequate cable anchoring design, which is crucial to minimal architecture
07. Corporate ability to engineer from concept through the development of prestressing methods, full method statements and install
08. Experienced designers ensure that all fittings and cable sizes are adequate
09. Novum's in-house engineers ensure cable ends are correctly anchored and all structural movements are accommodated
10. Integrates with other Novum Structural Systems, often the AES-System as a primary tensile component and with grid shells (FF and BK Systems) as a tie
11. Used with Novum Structural Glazing and Membrane Systems to form exciting enclosures and canopies. Easily and often used in conjunction with Novum CTF, SSM, PSG and CCG Systems
12. Cables are pre-assembled, factory tested and pre-stretched prior to delivery to site for safety and to reduce creep

Options/Materials/Finishes

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