

TR-System

Tension Rod

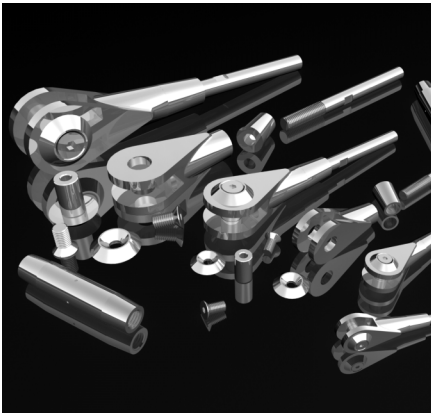
Structural Component System

NOVUM



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System Components

01. All components are Grade 304 or 316 stainless steel
02. Rod ends are cast
03. Rod and pins are machined bar. Threads can be cut or rolled

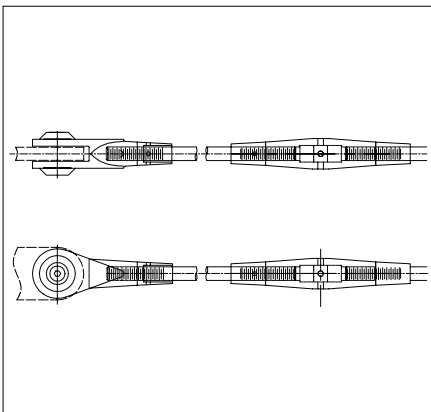
Applications

01. Tension only elements
02. Used where no or minimal pre-stress is required
03. Typically used in conjunction with projects adopting Novum Architecturally Exposed Steel System



System Attributes

01. Clean and classic technology aesthetic
02. System is fully tested and provides a wide range of diameter choices and capacities
03. Design of optimized clevis ends creates elegant minimal sized connections
04. Affordable and available for projects of any size
05. Different rod diameters can optimize structural needs in any application
06. Failure mode is designed based on rod strength
07. Tension loads are applied only through the rod end points which rotate on the attachment pin
08. Standard finish and clevis sizes are stocked for quick delivery
09. Rods are fully engineered by Novum's in-house engineers
10. An exclusive Novum System designed for both function and aesthetics
11. Easily integrates with other Novum Structural Systems as a structural component



Options/Materials/Finishes

01. Standard satin finish stainless steel
02. Rod sizes are 10, 12, 16, 20, 24, 27 and 30mm
03. Use of rods with alternate end fittings available
04. Alternate rod products from high quality strategic partners can also be provided

Front: National Aquarium in Baltimore, MD
Architect: Chermayeff, Sollogub & Poole, Inc.