

## **Tender text HMR 750**

### **HMR 750 Tension Rod System – Basis system**

Tension Rod System type HMR 750 with RH/LH thread, consisting of cast steel forks c/w pin with circlip or pin with washer, round bar with rolled threads, (incl. spanner flat) and (with lock covers), single bar length up to 12m (Longer lengths achievable by using a coupler or a turnbuckle.)

With European Technical Approval ETA-18/0104, Tension Rods assembled (from M42 supplied as individual parts) and labelled with a Data Matrix code.

Size M (Ø): 12, 16, 20, 24, 30, 36, 42, 48, 56, 64, 76, 85, 90, 100

Design Load  $N_{R,d}$ : ..... kN

Pin to Pin Length: ..... mm (from pin to pin centre)

Surface Finish: ..... carbon steel, galvanised with coated threads complying to Corrosivity Class C3 with high durability in accordance to DIN 12944, primer coating, painted, powder coated.

If there is a risk of crevice corrosion, all forks (and turnbuckles) are to be injected with the HMR sealant.

Quantity: ..... piece(s)

## **Tender text HMR 750**

### **HMR 750 Tension Rod System – Cross Bracing with Connection Disc**

Tension Rod System type HMR 750 with RH/LH thread, consisting of 4 Tension Rods with cast steel forks c/w pin with circlip or pin with washer, round bar with rolled threads, (incl. spanner flat) and (with lock covers), single bar length up to 12m.

The 4 Tension Rods are connected via a central Connection Disc.

With European Technical Approval ETA-18/0104, Tension Rods assembled (from M42 supplied as individual parts) and labelled with a Data Matrix code.

Size M ( $\emptyset$ ): 12, 16, 20, 24, 30, 36, 42, 48, 56, 64, 76, 85, 90, 100

Design Load  $N_{R,d}$ : ..... kN

Pin to Pin Length: ..... mm (from pin to pin centre)

Angle: .....(min. angle 50°)

Surface Finish: ..... carbon steel, galvanised with coated threads complying to Corrosivity Class C3 with high durability in accordance to DIN 12944, primer coating, painted, powder coated.

If there is a risk of crevice corrosion, all forks are to be injected with the HMR sealant.

Quantity: ..... piece(s)

## **Tender text HMR 750**

### **HMR 750 Tension Rod System – Cross Bracing with Cross Coupler**

Tension Rod System type HMR 750 with LH/LH and RH/LH thread, consisting of cast steel forks c/w pin with circlip or pin with washer, round bar with rolled threads, (incl. spanner flat) and (with lock covers), single bar length up to 12m (Longer lengths achievable by using a coupler or a turnbuckle.)

Each cross bracing consists of one tendon with cross coupler and a standard tendon passing through.

With European Technical Approval ETA-18/0104, Tension Rods assembled (from M42 supplied as individual parts) and labelled with a Data Matrix code.

Size M ( $\emptyset$ ): 12, 16, 20, 24, 30, 36, 42, 48, 56, 64, 76, 85, 90, 100

Design Load  $N_{R,d}$ : ..... kN

Pin to Pin Length: ..... mm (from pin to pin centre)

Angle: ..... (min. angle M12 – M56: 45°; M64 – M100: 60°)

Surface Finish: ..... carbon steel, galvanised with coated threads complying to Corrosivity Class C3 with high durability in accordance to DIN 12944, primer coating, painted, powder coated.

If there is a risk of crevice corrosion, all forks and cross couplers are to be injected with the HMR sealant.

Quantity: ..... piece(s)