



PM Multi-Jackbolt Pretensioners (MJP) with *Mammoth*™ Jackbolts

Functional description

Mechanical Multi-Jackbolt Pretensioners (MJP) are designed according to ISO 898-2 and are used for general bolting applications in all areas of industry.

Due to the captive mounted *Mammoth*™ Jackbolts they are best suited for highly dynamic applications such as turbine runners. The hexalobular head (Torx®) of the Jackbolts is extremely wear-resistant and safe to handle.

The pretension of the *Mammoth*™ Jackbolts generates a high thrust force. The small friction diameters guarantee a minimal torque M_A .

The Nut Body transfers the loads; it is positioned by hand on the threaded bolt.

The Thrust Washer protects the component from high stress.

The clamping force results from the thrust forces of the Jackbolts and the reaction force of the threaded bolt.

The pretensioning force F_v at the threaded bolt corresponds with the total of the Jackbolt thrust forces; it is purely axial and therefore free of torsion.

Fields of Application

General mechanical engineering, shipbuilding, heavy mechanical engineering, power plants, chemical industry. Used on couplings, slewing bearings, foundations, presses, bolted split joints and many more.

