

**SCHAAF GmbH & Co KG, Press text SMM 2012, MSN page 1**

**MSN – Multiple Stud Nut**

**The economic multiple bolting for axial bolt tensioning**

The innovative ambition of Schaaf is to develop distinguished quality, but also offer it cost-efficiently. The solution, which the market demanded is: MSN – Multiple Stud Nut.

The mounting is imaginable easy and needs no additional accessories. MSN achieves an axial bolt connection with less diffusion. With the clamping bolts integrated into the nut body for force launching, the MSN is screwed onto the bolt, which has to be tensioned.

The pretensioning force generation results from the torque of turning the pressure bolts. As soon as the given torque is achieved, the main bolt is tensioned absolutely torsion-free. Afterwards, the MSN is automatically secured from loosening and remains on the component until the possible dismounting.

The advantages are the low manufacturing costs, the 100% torsion-free pretensioning force generation and the extension of the longevity of the main bolt due to purely axial load. Furthermore, the safe and easy mounting and dismounting as well as the permanent and maintenance-free connection are further advantages.

At the time, the MSN is manufactured for bolts with a thread diameter of 16 mm to 1800 mm.

**Captures**

