

## KEY FEATURES

- Simple tensioning procedure
- Compact
- Precise
- Fast
- Compatible



## Description

The Sygma™ Pro bolt Series are a robust, reliable and precise alternative to the conventional tensioning procedures! There are no heavy electric, hydraulic or pneumatic tools required to accomplish the required bolt load, just a normal torque wrench is all you need. The full required tension force on the main thread is acquired by the combination of the compressive forces created by the jacking bolts. The fact that the forces are distributed among the different jacking bolts means that a much lower force is required to achieve the required bolt load.

The Sygma™ pro bolt has the same built in dimensions as a conventional hex nut of its class. This makes that the pro bolt can be easily exchanged with his equivalent hex nut while having the advantage of using a small and light tightening tool. This built in dimension can be your solution for applications with confined spaces.

## User guide

1. Place the hardened ring<sup>1</sup> around the main thread and turn the pro bolt<sup>2</sup> against the hardened ring.
2. Start tightening the Jacking bolts<sup>3</sup> in the prescribed sequence.
3. The applied force of the Jacking bolts will transfer on to the hardened ring. This will protect the flange against deformation, resulting in a more reliable tension output.

## Dimensional data

On request

