

BOLTS

Nominal size: M10-1.5x30 (metric threads, pitch 1.5mm).
Bolt consists of a hex head with curved/ indented flange to receive the pre-set sealing washer.

Mechanical Properties - Class 8.8

- Tensile Strength: 800Mpa
- Non-proportional Elongation Strength: 640Mpa
- Proof Load Strength: 580Mpa
- Hardness: 22-32HRC
- Proof Load: 46400N

SEALING WASHER

High-Low Density Polyethylene Washer The washer is pre-set into the bolt and when fastened properly, it will fit within the bolt’s head, sealing the bolt to the building and ensuring a watertight fit.

Properties of sealing washers

- Tensile Strength: 13Mpa (max)
- Water absorption Potential: Less than 0.04% when fully exposed and submerged.
- Brittleness Temperature: When exposed to less than -80C for prolonged periods.
- Softening Temperature: When exposed to 100C for prolonged periods.

NUT

Nominal size M10 (internal threads pitch 1.5mm). Consists of a serrated flange.

Mechanical Properties - Class 8

- Proof Load Strength: 830Mpa
- Hardness: 30HRC
- Proof of Load: 50500N