

# SSBT SERIES SINGLE STAGE BOLT TENSIONERS



The tensioner is a specially designed tool used for the accurate and controlled tensioning of M10 and M12 bolts in flange and similar applications. It is engineered to provide uniform load distribution, ensuring reliable joint integrity and reducing the risk of bolt loosening or failure.

A key feature of this tensioner is its integrated bottom-mounted magnetic base, which allows the unit to securely attach to flange surfaces. This magnetic support ensures stable positioning of the tensioner during operation, minimizing movement and enabling hands-free alignment. As a result, the operator can achieve better accuracy and improved safety while performing tensioning tasks.

The tensioner is built with a compact and robust structure, making it suitable for use in confined spaces and demanding industrial environments. Its design simplifies installation and reduces setup time, thereby increasing operational efficiency and productivity.

Additionally, the tool helps in achieving consistent and precise bolt tensioning, which is critical for maintaining proper sealing and structural performance of flanged joints. The durable construction ensures long service life with minimal maintenance requirements.

Overall, this bolt tensioner offers a combination of ease of use, stability, precision, and reliability, making it an effective solution for industrial fastening applications.

## Features:

- **Compact Design:** The tensioner has a very compact dia for required load and size with nominal requirement of operational height.
- **Magnetic Mount:** Equipped with a bottom-mounted magnetic base for firm and stable positioning on flange surfaces.
- **Alloy Steel Construction:** All parts are made from High Strength Alloy Steel for better strength and compact design.
- **Customised Stroke:** Tool is available with customised stroke as per application.
- **Delivery:** In-house design and production facilities ensure faster customization and delivery.

## Technical Details:

| Model         | Bolt Size | Max Application Load | Hyd Area |                 | Max Stroke | Max Working Pressure | Weight |
|---------------|-----------|----------------------|----------|-----------------|------------|----------------------|--------|
|               | mm        |                      | kN       | in <sup>2</sup> |            |                      |        |
| SSBT-M12-2601 | M10 & M12 | 61.8                 | 1.37     | 884             | 10         | 700                  | 1.5    |