Installation instructions

ONESIDE™ Hi-Shear comes pre-assembled as shows below. To see the installation process scan the QR code and watch the video.

Components of ONESIDE™

AJAX FASTENERS
Don't risk it!
SPECIFY AJAX

| Bolt | Hardened split washer | Hardened shear sleeve Optional (Hi-Shear™) | Wave spring Optional (Hi-Shear™) | Hardened solid washer | DTI washer (Optional) | F436 Hardened washer (Optional) | Structural 2H nut |

Engagement / locking to installation tool:

Slide the sleeve back on the tool and insert the tip of the bolt into the socket. To lock the ONESIDE to the tool, slide the sleeve forward.

Un-assemble the ONESIDE. Sliding the components back onto the shaft of the tool.

Move the split / collapsible washer to the correct seating location on the tool and fold as shown.
It is important the split washer is seated correctly.
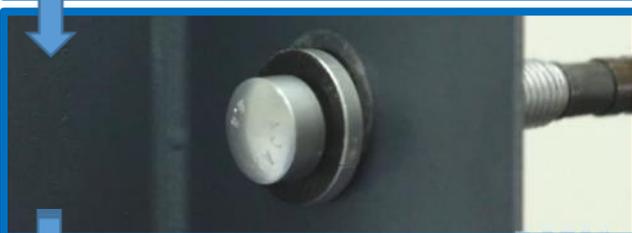Now the ONESIDE is ready for installation.

Installation:

Guide the bolt and the collapsible washer through the pre-drilled hole of the connection, it is advisable to hold the split washer as it enters the pre-drilled hole. Make sure the holes are aligned properly.

Rotate the tool 180°(important), to ensure the split/collapsible washer opens. It is very important that this is undertaken to ensure correct opening of the washer.

Pull back the installation tool, rocking the tool side-to-side to locate the split/collapsible washer against the back of the joint. Ensure the lip of the washer is engaged into the pre-drilled hole.

Slide forward the other components into the connection.

- Shear Sleeve (Hi-Shear only)
- Wave Spring (Hi-Shear only)
- Solid Outer Face Washer
- "Squirter" DTI (optional)
- F436 Flat washer (optional)
- Structural 2H Nut

Finally finger tighten the nut to a SNUG tight condition. Remove the installation tool. The rear of the installation tool can be used to engage the tip and a spanner can also be used to snug tighten the joint. If the connection needs to be pulled together. **(see video for instructions)**

Using a rattle gun or other means, tighten the nut till the desired tension is achieved. If the DTI is used, tighten till the squirt has been achieved. **For further information please do not hesitate to contact AJAX or local representative. Or watch the video. for more tips.**