



# PERFORMS AS DESIGNED

**Hilti SIW 4AT-22 plus SI-AT module for setting of Hilti expansion anchors**



# ONE TOOL MANY FEATURES

Installation. Documentation. Quality assurance.



Display provides information regarding selected anchor and settings

Scan QR codes on Hilti packaging to automatically adjust the setting

Simple navigation buttons

A quick glance lets you know if your installation was performed correctly, thanks to the SIW 4AT's brightly-lit LED displays

Lock button

## Peace of mind with Hilti on-site testing

On-site testing for tensile and shear loads is often required by building owners, inspectors or engineers to verify that fastening products have been installed correctly.

Hilti engineers are available to assist you on request and offer a wide variety of on-site tests and can provide all necessary reports for proper documentation. Contact your local Hilti sales representative for more information.



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# WORKS ACCORDING TO PLAN

## Hilti SIW 4AT-22 plus SI-AT module

Work smarter in more ways than one with the new Hilti SIW 4AT-22! Hilti's next-generation impact wrench features adaptive torque technology and a project documentation and quality assurance system built right in.

Hilti Adaptive Torque technology quickly and definitively confirms that proper torque is applied – a critical step during installation of metal anchors.

Key parameters are automatically recorded and readily available for documentation reports to verify installation, jobsite details and more.

With the SIW 4AT, installations are done according to design specifications each and every time.

### APPLICATIONS

Hilti HST 3, HST 2, HSA, KB-TZ and KB 3 metal expansion anchors used in:

- Specified structural applications
- Safety-relevant applications
- Less critical applications, e.g. securing lightweight ducts, lighting, and wiring in seismic risk areas
- Applications which require documentation and quality assurance

### HIGHLIGHTS

- Automated project documentation and quality assurance
- Tested and approved in accordance with international standards (ETA and ICC)
- Automatic update of new products, firmware, user-interface, functionality, etc.
- Choose between automatic or manual anchor identification
- Helps ensure that the anchor was set correctly

### Done right every time - only with Safeset

The best design method and your most accurate design are contingent on contractors following your specifications, in addition to proper installation.

The SIW 4AT is part of Hilti's Safeset solution and eliminates this factor almost entirely.

Developed as a total system, all SafeSet components feature intuitive elements that make installations simple, seamless, and faster than ever before.

### FEATURES

The SIW 4AT verifies that anchors are installed in accordance with:

- Project specifications
- Hilti's published installation instructions
- Contract documents
- ETA and ICC approvals

# SAFESET



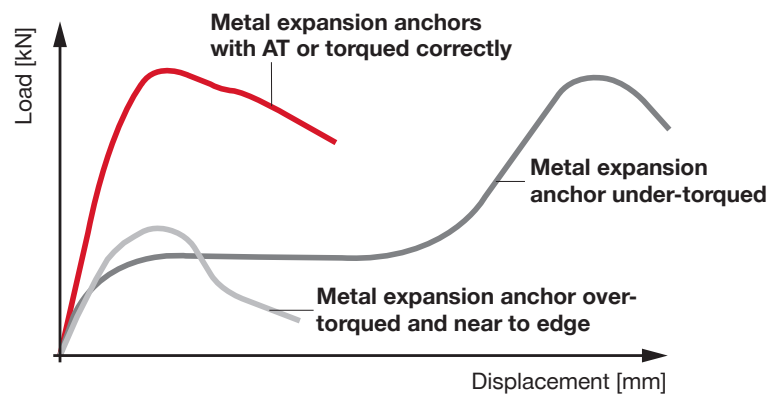


## Lock and load

Hilti torque-controlled expansion anchors such as HST 3 are secured by applying a specific torque to the nut. These anchor types derive tension resistance through the friction generated by expansion forces against the wall of the drilled hole. The torque generates the necessary expansion forces in the anchor and guarantees its performance.

## Avoid discrepancies using the SIW 4AT-22 system

Installations should be verified in accordance with approved construction documents, applicable evaluation reports and Hilti's published installation instructions to avoid structural deflection or instability. Splitting of the concrete member or limited durability due to corrosion can occur even with the most robust anchors when instructions are not followed properly. Consequently, extensive rehabilitation and redesign may be necessary. The SIW 4AT-22 system immediately alerts you to any discrepancies, thanks to its unique quality assurance function.







### Quality in check – every step of the way

Once your PROFIS Anchor design is approved, a documentation report is recommended to avoid a conflict of interest. For up to 70% faster installation, contractors using Hilti adaptive impact tools (AT) can manually select or adjust to the right setting automatically by scanning the QR code found on the package. Installation checks during setting are given audibly as well as visibly by the LED display on the tool. The SIW 4AT also supports anchor removal or retightening functionalities. Additionally, information such as target state of the SIW 6 AT designed application, jobsite details, anchor type, tool equipment and setting details are recorded.

The permanent, traceable data can be transferred via USB to your PC or Windows tablet. Together with Hilti PROFIS AT software, a professional documentation report is generated to ensure that the work performed is done in accordance with design specifications and workmanship provisions. The Hilti documentation report makes it easy for contractors, design authorities and building officials to see any discrepancies at a glance.

