

Site testing and the HAT 28 anchor test meter

Hilti supply a wide range of fixings for many base materials and although our anchors are extensively tested into concrete and other base materials it isn't possible to test the performance of the fixings into all base materials, because of this site testing is sometimes required.

Specifically site testing may be required to establish the performance of a fixing into an "Unknown" base materials like for example the many types of masonry.

Site testing may also be required to verify or to prove the quality of the installation of the anchors for critical fixings.

Anchor Tester HAT 28

So that you can meet your testing requirements we supply the HAT 28 Hilti Anchor Tester kits in 5 test kit variations so that you can select the kit which meets your needs



	HAT 28 Basic tester with 5kN gauge	HAT 28 Basic tester with 20kN gauge	HAT 28 Scaffold tester kit with 20kN gauge	HAT 28 Master tester kit with 5kN and 25kN gauges	HAT 28 Elevator Lift kit with 30kN gauge
Gauge	5kN	20kN	20kN	25kN	30kN
150mm Load spreading Bridge with adjustable legs	✓	✓	✓	✓	
270mm Load spreading bridge					✓
6 threaded buttons (M4,M5,M6,M8,M10,M12)	✓	✓		✓	
6 Slotted buttons Slot width 4.5,5.5,6.5,8.5,10.5,12.5mm	✓	✓		✓	
Slotted button adaptor 12.5mm					✓
2 Threaded rod adaptors (M5,M6)	✓	✓		✓	
locking adaptor			✓	✓	
70mm Bolt tester adaptor			✓	✓	
95mm Bolt tester adaptor with locking adaptor					✓
M12 Ringbolt Clevis adaptor with locking adaptor			✓	✓	
M12 Ringbolt Clevis adaptor large with locking adaptor					✓
Set screw and washer set (M6,M8,M10, M12,M16)	✓	✓		✓	
M12,M20 Threaded stud adaptor				✓	✓
M16 Threaded stud adaptor			✓	✓	✓
Insulation adaptor				✓	

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(Cont)	HAT 28 Basic tester with 5kN gauge	HAT 28 Basic tester with 20kN gauge	HAT 28 Scaffold tester kit with 20kN gauge	HAT 28 Master tester kit with 5kN and 25kN gauges	HAT 28 Elevator Lift kit with 30kN gauge
50mm hex extension legs				✓	
100mm hex extension legs			✓	✓	✓
22mm Hex operating nut	✓	✓	✓	✓	✓
Allen Keys and screws	✓	✓	✓	✓	✓
3mm ball driver	✓	✓	✓	✓	
19/22mm Ratchet					✓
17mm single wrench					✓
Calibration certificate	✓	✓	✓	✓	✓
Method statement	✓	✓	✓	✓	✓

We recommend that site tests are carried out in accordance with the requirements of the Construction Fixings Association Guidance note "Procedure for Site Testing Construction Fixings" which is available for download from here:-

<http://www.fixingscfa.co.uk>

If you don't want to do the testing yourself you can use one of the testing specialists listed on our Site testing companies data sheet which can be downloaded from our internet technical library.

<https://www.hilti.co.uk/technical>

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IMPORTANT NOTES

1. The information and recommendations given herein are believed to be correct at the time of writing. The data has been obtained from tests done under laboratory, or other controlled, conditions and it is the users' responsibility to use the data given in the light of conditions on site and taking account of the intended use of the products concerned. Whilst Hilti (Gt. Britain) Limited can give general guidance and advice, the nature of Hilti products means that the ultimate responsibility for selecting the correct product for a particular application must lie with the customer.
2. All products must be used, handled and applied in accordance with current instructions for use published by Hilti (Gt. Britain) Limited.
3. All products are supplied, and advice given, subject to Hilti (Gt. Britain) Limited terms of business.
4. Hilti's policy is one of continuous development. We therefore reserve the right to alter specifications etc. without notice.
5. Construction materials and conditions vary on different sites. If it is suspected that the base material has insufficient strength to achieve a suitable fixing, contact the Hilti Technical Advisory Service.



Hilti (Gt. Britain) Ltd is a member of the Construction Fixings Association.