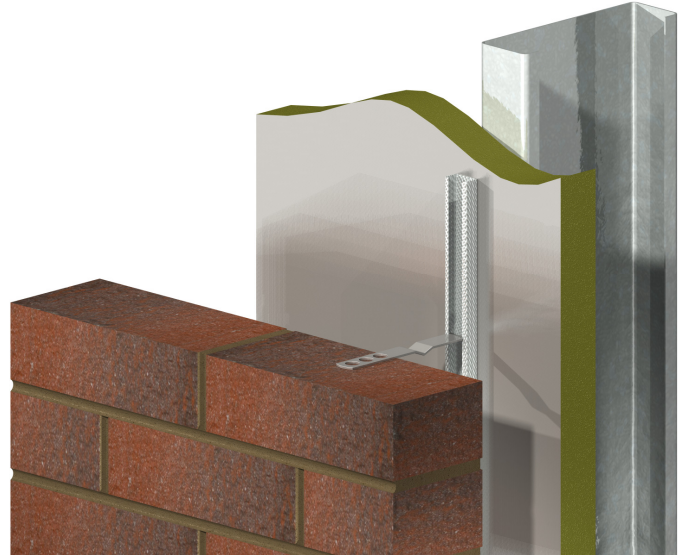


# ACS Self Drilling Screw

- ✓ **Steel Framing Systems**
- ✓ **Channel Tie Systems**
- ✓ **Standards Screw Lengths**  
*Designed to suit insulation thickness*
- ✓ **BS EN 1090-2: 2008**
- ✓ **BS EN ISO 10666: 1999**

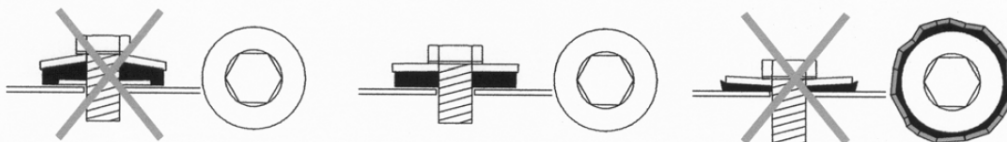


- A standard screwgun with a depth sensitive nosepiece should be used to install Tek's
- For optimal fastener performance, the screwgun should be a minimum of 6 amps and have an RPM range of 0-2500
- Adjust the screwgun nosepiece to properly seat the fastener.
- New magnetic sockets must be correctly set before use
- Remove chip build-up as required
- Overdriving may result in torsional failure of the fastener or stripout of the substrate
- The fastener must penetrate beyond the metal structure a minimum of 3 pitches of thread

## Technical Data

Ultimate Pull Out Values			
Course Thread		Fine Thread	
Steel Thickness	Pull Out Value	Steel Thickness	Pull Out Value
1.2mm	1.8kN	4.0mm	5.2kN
1.6mm	1.8kN	5.0mm	12.1kN
2.0mm	2.1kN	6.0mm	16.0kN
2.5mm	4.3kN	8.0mm	16.8kN
3.0mm	4.5kN	10.0mm	17.2kN
4.0mm	6.1kN	12.5mm	18.2kN

Ultimate Mechanical Performance	
Tensile Strength	18.9kN
Shear Strength	10.3kN
Tightening Torque	≤ 10.00Nm



Tightening torques should be gauged to ensure that the washer is installed and seated as illustrated above  
(Image extracted from BS EN 1090:2 2008)

For further information or technical assistance please contact the ACS Technical Department on 0870 850 0860 or email [technical@acsstainless.co.uk](mailto:technical@acsstainless.co.uk)

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