

Product Code

SD12HT

Stainless Steel Bi-Metal Self-Drill Self-Tap Fasteners



Application

Stainless steel self-drill self-tap fasteners for fixing insulated composite panel systems to hot rolled steel purlins. Used for applications where long life, galvanic compatibility and durability is a primary requirement.

Drive Type

Standard; 5/16" hex head.
Colortite; 11mm nylon moulded head, colour range, see catalogue.

Construction

Austenitic Stainless steel body, welded carbon steel drill tip, plated or organic coated finish.

Compliance

• BS 5427 Part 1 1996*

Diameter

- 5.5mm lower thread
- 6.3mm upper thread

Shear Strength

- 10.0kN—5.5mm \varnothing

Tensile Strength

- 12.7kN—5.5mm \varnothing

Life Expectancy

- Exceeds 25 years in correct application.

Pullout Resistance

Mild steel purlin

Purlin Thickness	6.0mm	12.0mm
5.5mm \varnothing	11.6kN	14.5kN

N.B. All pullout figures are ultimate and are obtained in the suppliers' laboratory. In practice, values will vary from those stated.

Fixing Point makes every effort to ensure the accuracy of the data given, however no liability can be accepted for errors, omissions, or inaccuracies. We have a policy of continuous product development and improvement and reserve the right to change specifications without notice.

All test data has been obtained in the laboratory. Pullout figures are based on realistic purlin layouts, however, for safety we recommend that pullout performance should be confirmed on site.

*British Standard 5427 Part 1 1996 (Code of practice for Roofing and Cladding) States: 'As a code of practice, this part of BS 5427 takes the form of guidance and recommendations. It should not be quoted as if it were a specification and particular care should be taken to ensure that claims of compliance are not misleading.'