



# SeamGrip™

## Application

- For fastening materials such as brackets and cladding rails to thin sheet material

## Key Features

- Combines 300 series stainless steel screw and aluminium slotted sleeve to provide high resistance to vibration loosening
- After tightening, clamping tines remain in place even if the screw is removed
- Greater joint integrity with clamping force
- To install: insert into a 8mm hole then install with a power driver equipped with a SeamGrip holding sleeve

## Datasheet

Document Reference: DS-FS-SG-10.20/04

Specification	
Material	Aluminium body with 1.4301 stainless steel (304M) bolt
Coating	Organic
Head Type	Hexagon 8mm

Installation and handling	
Installation tool	Variable speed electric screwdriver
Installation drive	Fixfast SG - Universal Adapter
Installation speed	1500rpm
Correct installation	Fasteners should be inserted within three degrees, perpendicular to the surface of the fastened material. Use the correct tool to avoid over-driving, and do not over-tighten. Care should be taken when engaging and disengaging from the fastener head to avoid damage to the protective coating.
Handling	Fasteners may have sharp edges, and the use of power tools can be dangerous. Use personal protective equipment. Store fasteners in dry conditions. Inspect each fastener before use and do not use damaged fasteners. Replace any fasteners which appear to have been installed incorrectly.

Code	Length	Diameter	Hole diameter	Grip range
SG-SS-8.0 x 34	34mm	8mm	8mm approx.	1.6mm - 6.3mm

SG-SS-8.0



Code	Description
SG-UNIVERSAL TOOL	Installation tool for the SeamGrip Fastener, must be used when installing this fastener

SG-UNIVERSAL TOOL



Hand tool also available, please enquire for details

## Performance

### Pull-out values (axial load resistance)

Fastener	Substrate	Characteristic Value	Design Value
SG-SS-8.0 x 34	0.5mm steel*	1.58 kN	1.19 kN
	0.63mm steel*	2.04 kN	1.53 kN

### Shear Values (lateral load resistance)

Fastener	Material (i) (Material being fixed)		
	3.0mm steel		
SG-SS-8.0 x 34	Material (ii) (Substrate)	Characteristic Value	Design Value
	0.5mm steel*	1.93 kN	1.45 kN

Steel S250GD nominal

Design values include safety factor  $\gamma_m = 1.33$ .

\* In-house tested to BS5427

Other figures and specific testing are available on request. For more information please contact Fixfast.

**FIXFAST Ltd | Merlin House | Seven Mile Lane | Borough Green | Sevenoaks | Kent | TN15 8QY**  
**T: 0800 304 7616 | F: 0845 450 7486 | E: info@fixfast.com | W: www.fixfast.com**

*Fixfast is a trading name of FIXFAST Ltd which is a company registered in England & Wales with number 09481218.*

*The registered office is Fixfast, Merlin House, Seven Mile Lane, Borough Green, Sevenoaks, Kent, United Kingdom TN15 8QY*

*©Fixfast October 2020. All rights reserved. Due to a policy of continual development, Fixfast reserves the right to change product specification and descriptions without prior notice.*



Certificate number 10905  
 ISO 9001, ISO 14001  
 ISO 45001