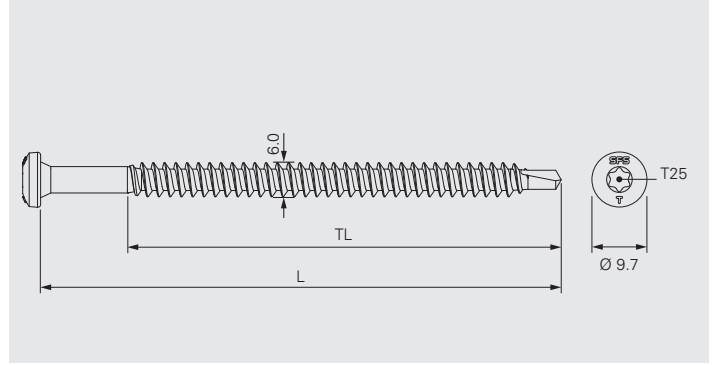
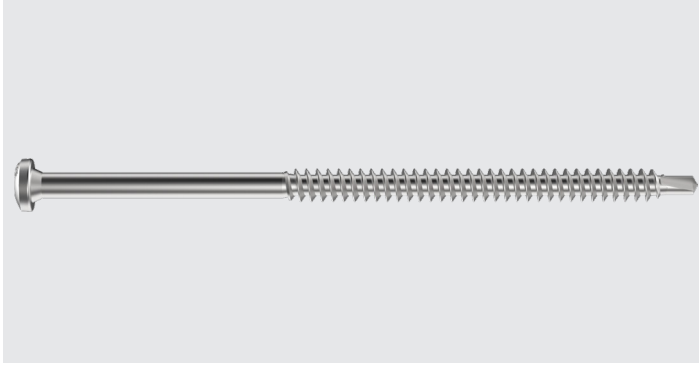


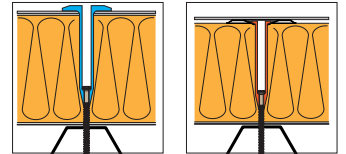
BS-6,1



Application 1

Carbon steel fastener for waterproof membrane and insulation securement on steel deck.

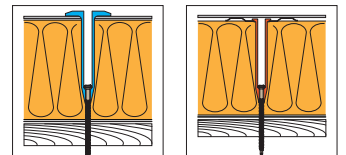
Substrate material quality: S235–S320GD
 Substrate material thickness: min. 0.5 mm
 max. 2×1.25 mm or 1×2.0 mm
 Setting depth: min. 20 mm



Application 2

Carbon steel fastener for waterproof membrane and insulation securement on timber and timber-based boards

Substrate material thickness: min. 18 mm
 Setting depth: min. 30 mm



Product Information

Material: Case hardened carbon steel

Corrosion protection: Durocoat®
 Resistance 15 cycles Kesternich test according to

- EAD 030351-00-0402, A2.4
- FM Approval Standard 4470

Approvals/Assessments



Declaration of Performance (DoP)






Features and Benefits

- Fast and easy installation due to optimised drill tip
- High pull-out values in thin steel deck due to 6,1 mm wide, asymmetric thread
- High quality corrosion protection, environment friendly, free of Chromium VI
- FM approved with exceptional high ratings








Product Range

Product Code	L _{mm}	TL _{mm}	PU	Material No.
BS-6,1×35	35	32	500	1358516
BS-6,1×50	50	47	250	1352561
BS-6,1×60	60	57	500	1352560
BS-6,1×70	70	67	250	1352562
BS-6,1×80	80	75	250	1352563
BS-6,1×90	90	75	250	1352564
BS-6,1×100	100	75	250	1352565
BS-6,1×120	120	75	250	1351286
BS-6,1×140	140	75	250	1352566
BS-6,1×160	160	75	250	1352567
BS-6,1×180	180	75	250	1352576
BS-6,1×200	200	75	250	1352578
BS-6,1×220	220	75	250	1352579
BS-6,1×240	240	75	250	1352580
BS-6,1×260	260	75	250	1352581
BS-6,1×280	280	75	250	1352582
BS-6,1×300	300	75	250	1352583

Products to combine with

Product Code	Description	
FI-P-6,8	Stress plates for PVC, TPO and EPDM based waterproof membranes. For isoweld® field fastening application.	
R48	Sleeve with 3 peaks for waterproof membrane and insulation securement. For seam fastening application.	
R50	Sleeve for waterproof membrane and insulation securement. For seam fastening application.	
R75	Sleeve for insulation securement.	
FI-R-20	Sleeve for waterproof membrane and insulation securement. For isoweld® field fastening and seam fastening applications.	

Tools and Accessories

Product Code	Description	
ZA¼"-M6-300 ZA¼"-M6-750	Drive bar for installation of fastener and sleeve, length 300 mm and 750 mm	
ZA¼"-M6-EXT	Drive bar extension, length 100 mm	
T25-32-M6	Insert bit with T25 drive	
ZH-11-RING	Adapter to hold sleeves R48, R50, R75 onto drive bar	
ZH-12-RING	Adapter to hold sleeve FI-R-20 onto drive bar	
Bit holder ZA¼"	Bit holder for bits with HEX shaft	
T25-25-HEX¼"	Insert bit with T25 drive and HEX shaft	

Recommendations for Installation

Operating process	Recommendation	
Screwing in	Power screwdriver <ul style="list-style-type: none"> • 1000–3000 rpm • Min. 500 W Battery tool <ul style="list-style-type: none"> • 1000–3000 rpm • Min. 18 V • Battery with min. 2,5 Ah 	