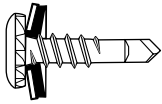
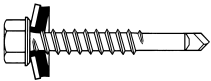


	Product index	Product index	1
Pitched Roofing and Cladding			
	Application index	Application index	2
External single and twin skin construction	Austenitic stainless steel self drilling fasteners	SX, SX-L12 SXL, SXC SL SXW, SW	3
	Carbon steel self drilling fasteners	SD, SDT SD-H15, SW SL SL-H15	4
Standing seam and secret fix systems	Low profile head and flange headed self drilling fasteners (austenitic and carbon steel)	SDK, SX-D12 TD-S SD-D12 TW-D12	5
Composite wall and roof panels	Austenitic stainless steel self drilling fasteners	SXC, SXCW SX SXL SL2	6
	Carbon steel self drilling fasteners	SDT SL2 SDTW SD	7
General construction	Self tapping fasteners (austenitic and carbon steel) and drill bits	TD-S TD-T	8
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Specialist fasteners and rivets	Timber to steel Bulb-tite®, Rivets Scaffolding anchors LL Lap-lox, Drill bits	SCW/SCN Bulb-tite® Rivets, GA LL	10
Rainscreen cladding	Low profile colour head Wood screws and rivets Concrete fasteners	TI, spike DL, MBR, SX, SLA-S, SDA3, SLA5, TW, SCFW-S-D10, AP, Bulb-tite®, TU, GAZ, SX	11
Coloured and belted fasteners		Coloured and belted fasteners	12
Ergonomic system tools and accessories	System tools for greater time savings and money	Setting tools	13

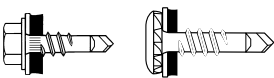
SX3-L12, SX6-L12, SX14-L12
self drilling fastener Chapter 3
Page 3.7 + 6.5



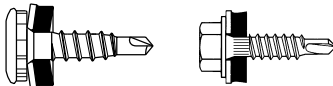
SX3, SX6, SX14 self drilling fastener
Chapter 3 + Page 6.5 + 6.6



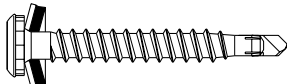
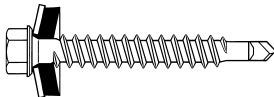
SXL2 Page 3.11 + 6.7
self drilling side lap fastener



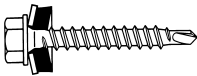
SL2, SL2-L12
self drilling side lap fastener
Page 4.15 3.12 3.12
7.5 6.7 6.7



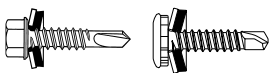
SXW self drilling fastener Page 3.14



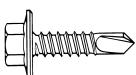
SW-S, SW Page 3.14
self drilling fastener



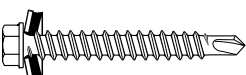
SD3, SD5, SD8, SD14 self drilling fastener
Chapter 4 + Page 7.7



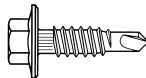
SD5-H15, SD8-H15, SD14-H15
self drilling fastener Page 4.10



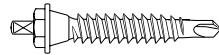
SW-T self drilling fastener Page 4.13



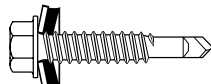
SL2-H15, SL3-H15 Page 4.15
self drilling side lap fastener



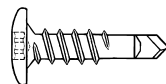
SDK self drilling fastener Page 5.3



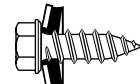
SX2 self drilling fastener Page 5.3



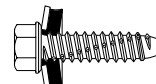
SX3-D12, SX6-D12 Page 5.3
self drilling fastener



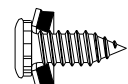
TDA self tapping fastener
Page 5.4 + 8.3 8.6



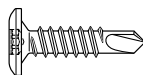
TDB self tapping fastener
Page 5.4 + 8.6
8.3



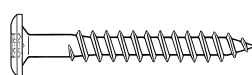
TDC self tapping fastener Page 8.4



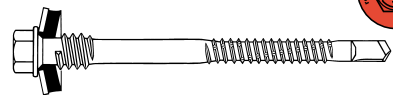
SD3-D12 Page 5.6
self drilling fastener



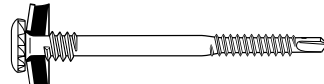
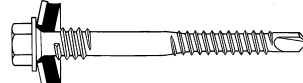
TW-T-D12 Page 5.6
self tapping fastener



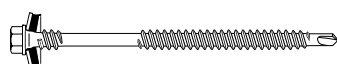
SXC5, SXC14, SXCW Page 6.3 + 6.4
self drilling fastener



SDT5, SDT14 Page 7.3 + 7.4
self drilling fastener



SDTW Page 7.6
self tapping fastener



Materials:



= Stainless steel



= Carbon steel

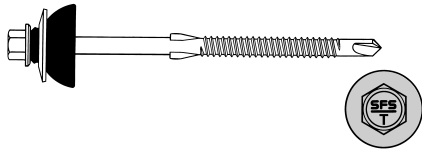


= Aluminium

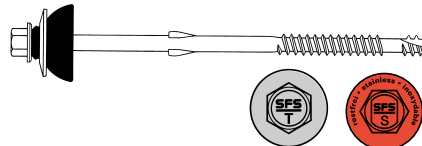
Product index

Pitched roofing and cladding construction

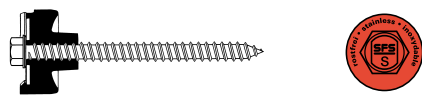
SCF3 and SCF12 self drilling fastener Page 9.3+9.4



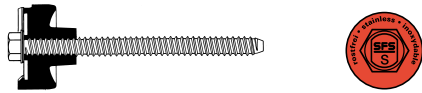
SCFW self drilling fastener Page 9.5



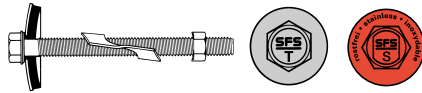
TDA-BAZ self tapping fastener Page 9.7



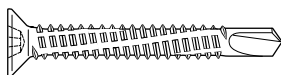
TDB-BAZ self tapping fastener Page 9.7



HG Hole grip Page 9.8



SCW5 self drilling fastener Page 10.3



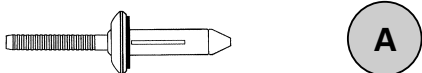
SCW8 self drilling fastener Page 10.3



SCN2 self drilling fastener Page 10.3



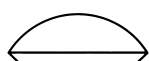
Bulb-tite® rivet Page 10.5



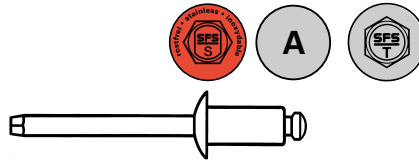
Underside Bulb-tite® rivets Page 10.5



Bulb-tite® rivets caps Page 10.5



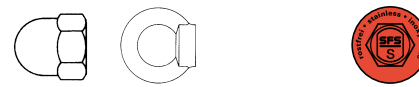
Rivets Page 10.6+10.8



GA scaffolding anchors Page 10.9



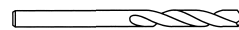
Acorn nut and eynut Page 10.9



LL Lap-Lox rooflight Page 10.10



Drill bits Page 8.7, 9.9, 10.11



Rainscreen facade

TI self tapping fastener Page 11.7 11.8

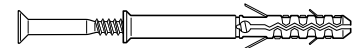


spike DL/D Page 11.9

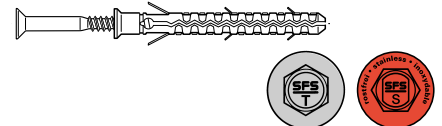


Facade anchors

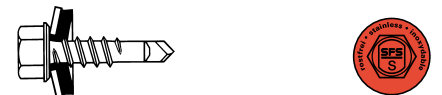
MBR Page 11.11



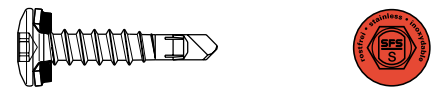
MB Page 11.12



SX3, SX6 self drilling fastener Page 11.15



SX3/10-D12, SX6/6-D12 Page 11.15



SLA-S self drilling fastener Page 11.16



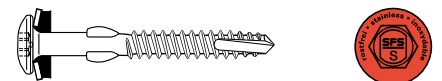
SDA-3 Page 11.16



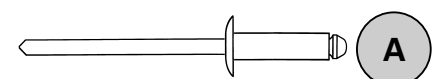
TW-S self tapping fastener Page 11.19



SCFW-S-D10K self drilling fastener Page 11.21



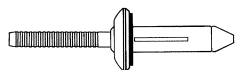
AP Rivet for rain screen applications Blind and large headed rivet Page 11.25



Rainscreen facade

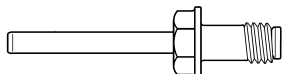
Bulb-tite® rivet

Page 11.26



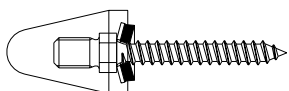
TU-S

Page 11.27



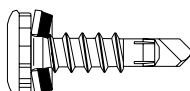
GAZ

Page 11.29



Fasteners for corrugated aluminium SX3-L12, SX6-L12, SX14-L12

Page 11.33



SX3-A12 and SX6-A12

Page 11.34



Installation tools

CF 400 Setting tool for the installation of belted fasteners

Page 13.4



CF 55 Setting tool for use with composite panels

Page 13.5



CF 40 Setting tool for use with fibre cement sheets

Page 13.6



DI 600 Power screwdriver for twin skin construction

Page 13.7



DB 620 Hammer drill

Page 13.8



AccuBird®/Power Bird® Rivet setting tool

Page 13.9



Lever tool BZ 50 for rivets

Page 13.9



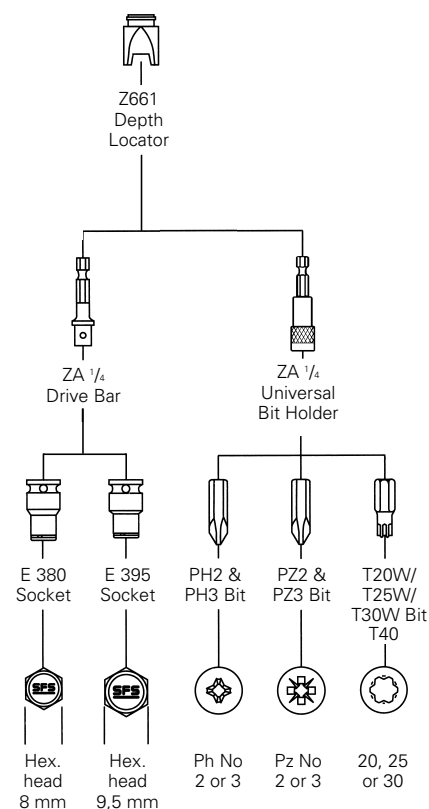
Lazy tongs BZ 56 for rivets

Page 13.9



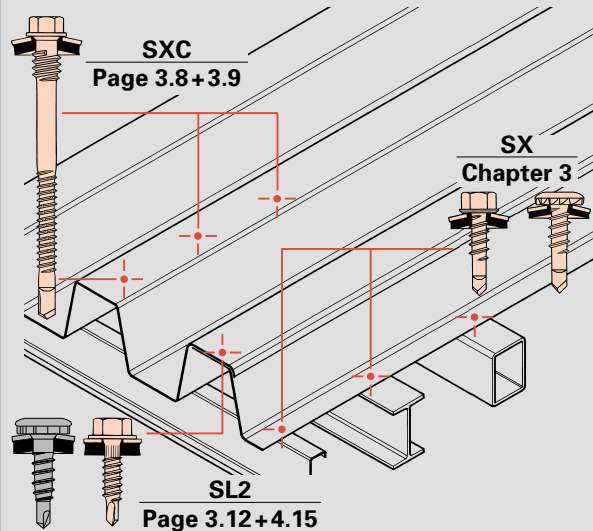
Accessories: Sockets, drive bars

Page 13.10



Application Index Roof

Single skin sheet to steel purlins



Material:

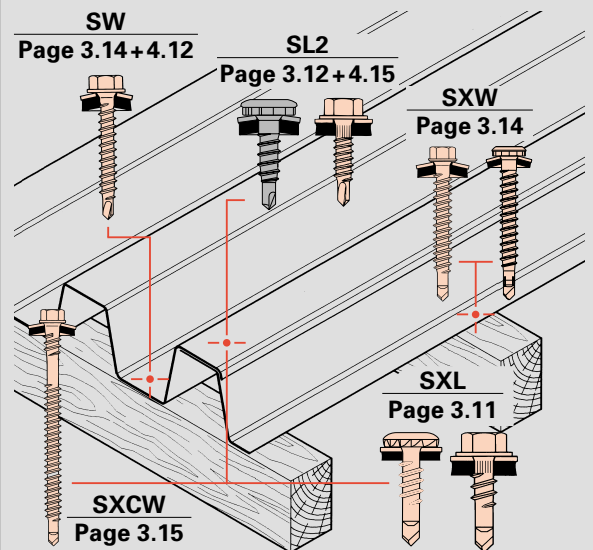


= Austenitic stainless steel

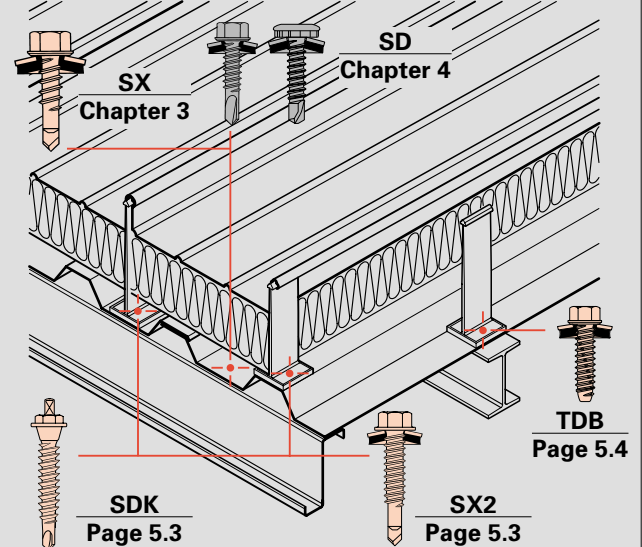


= Case hardened carbon steel

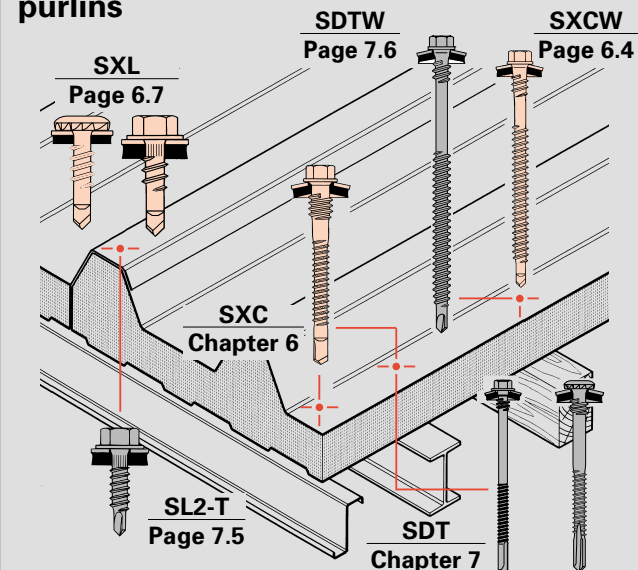
Single skin sheet to timber purlins



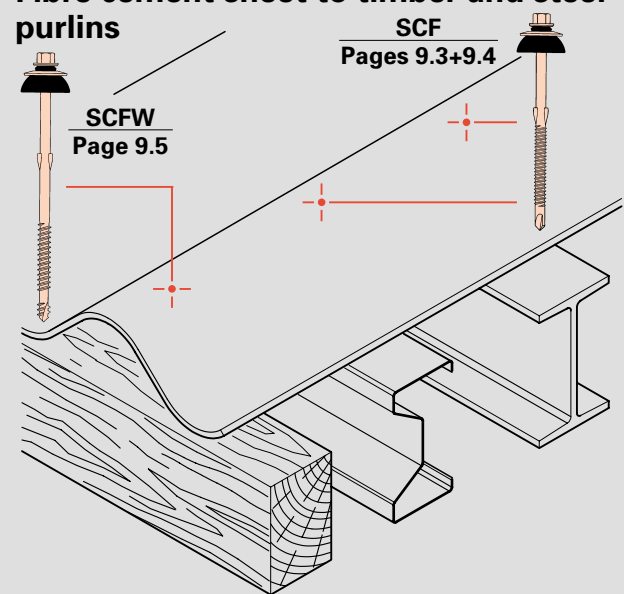
Standing seam system to steel purlins and structural deck



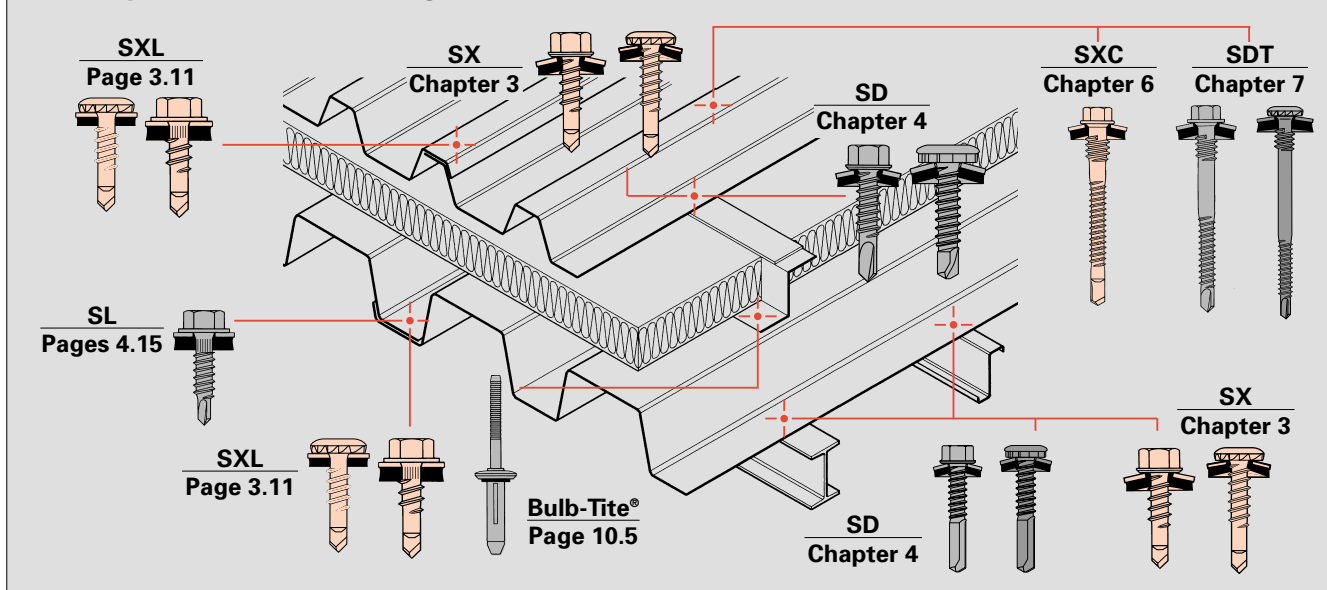
Composite panel to timber and steel purlins



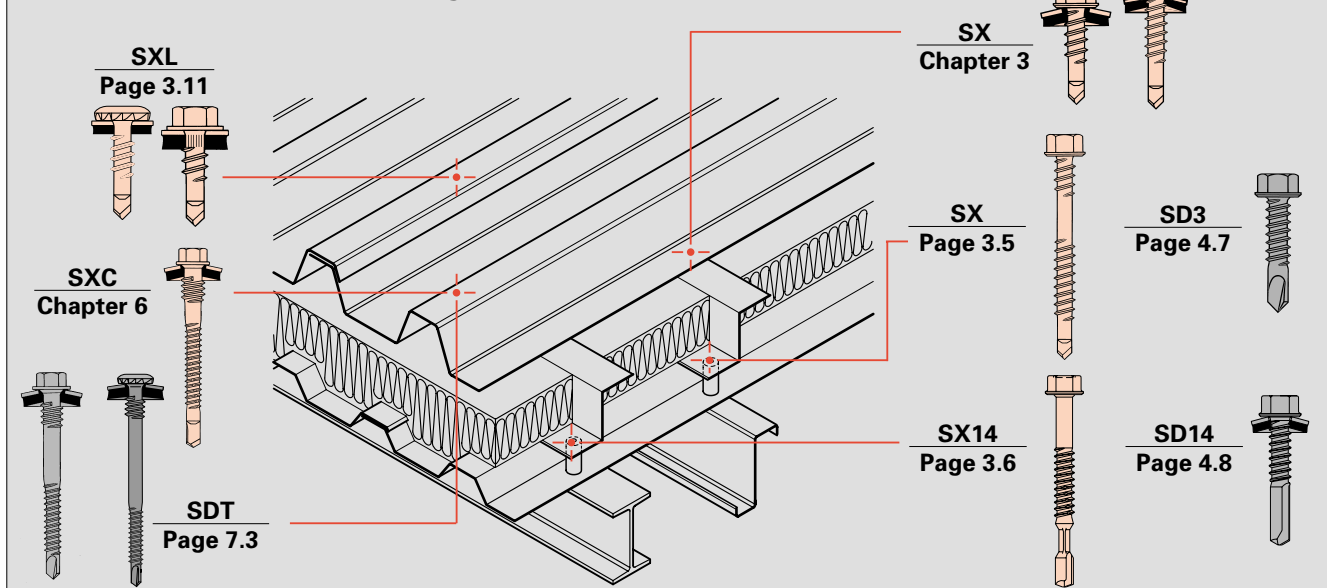
Fibre cement sheet to timber and steel purlins



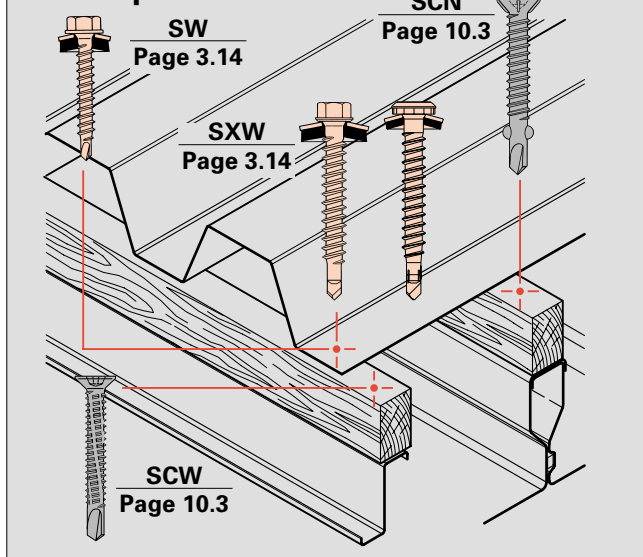
Built-up construction using zed bars on structural metal deck



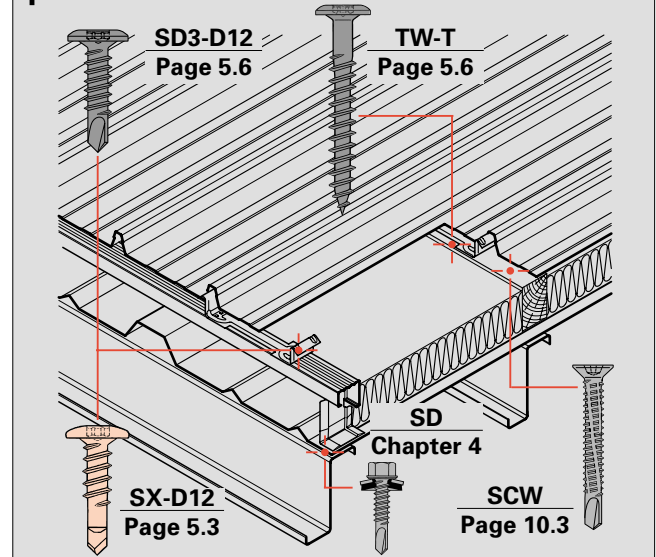
Twin skin construction using ferrules and zed bars



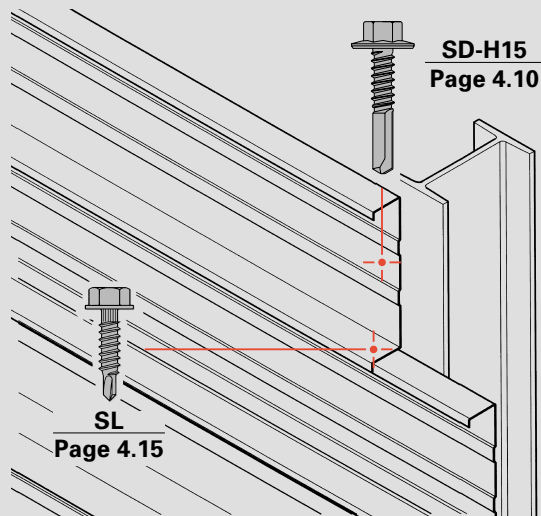
Timber to steel purlins and sheet to timber purlins



Clipfix system to timber and steel purlins



Liner tray to steel rails



Application Index cladding

Material:

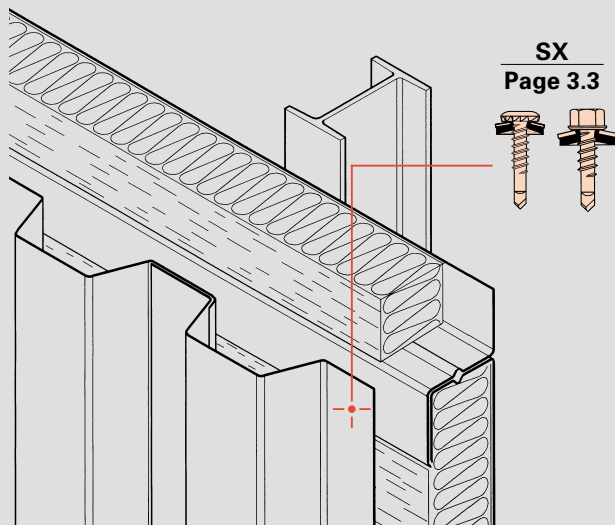


= Austenitic stainless steel

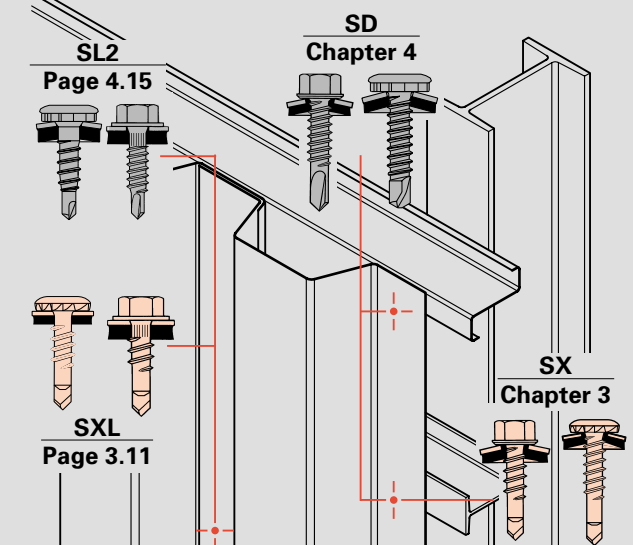


= Case hardened carbon steel

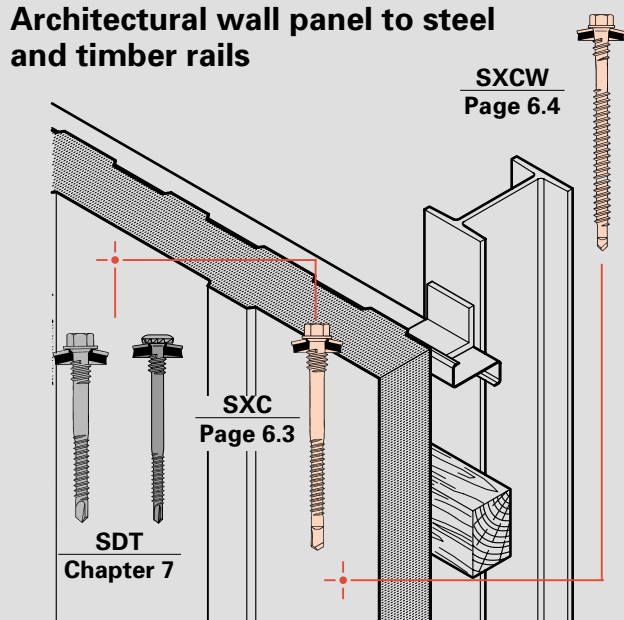
Single skin sheet to liner tray



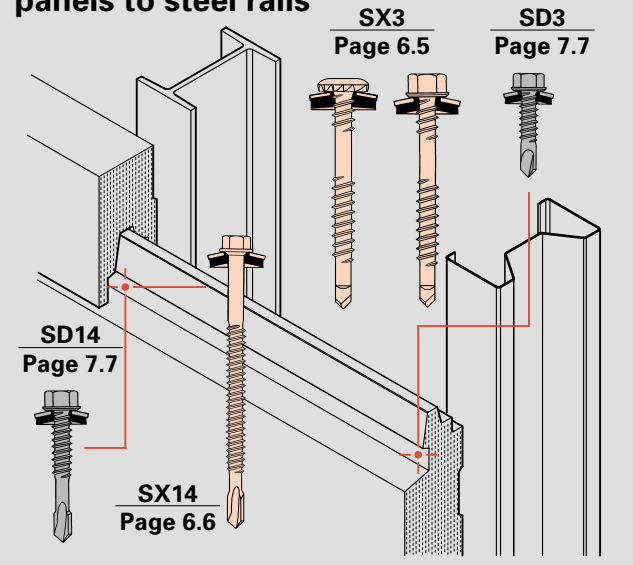
Single skin sheet to steel rails

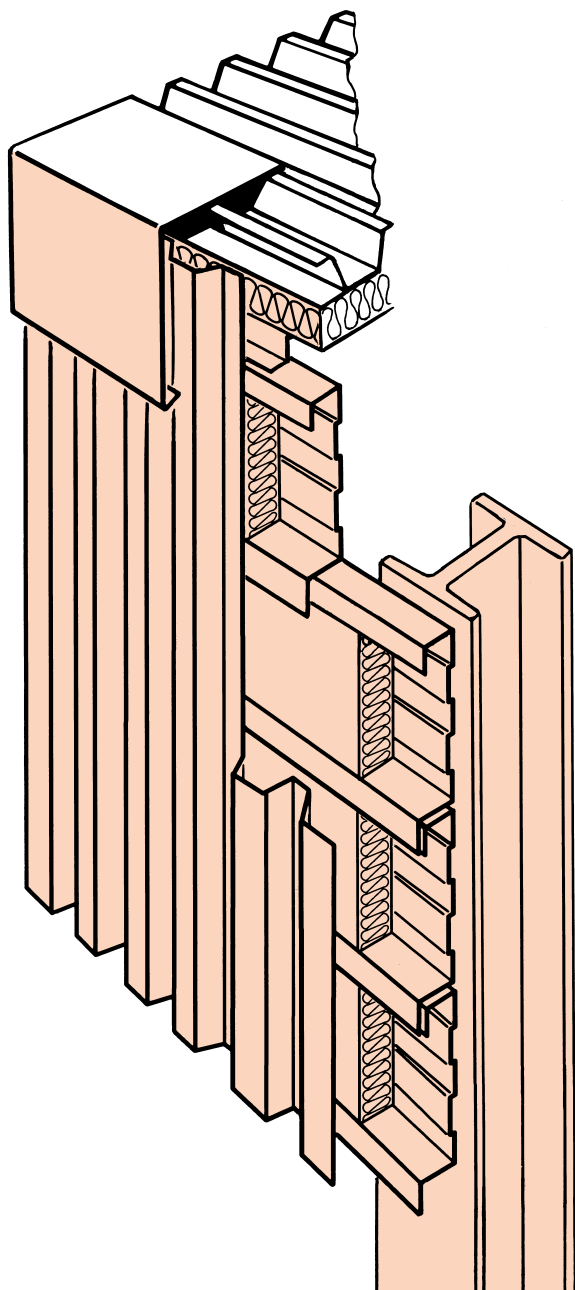


Architectural wall panel to steel and timber rails



Concealed fixing or architectural wall panels to steel rails





Side lap stitching and flashing

Bulb-tite®
Page 10.5

SXL
Page 3.11

SL2
Pages 4.15

Rivet
Page 10.7

Architectural profiled sheet to steel rails

SX-L12
Page 11.33

SD-L12
Chapter 4

Built-up construction using ferrules and zed bars

SX
Page 3.5+3.6

SX
Chapter 3

SD
Chapter 4

SD
Page 4.7

Twin skin construction to steel using Ash-grid

SX
Chapter 3

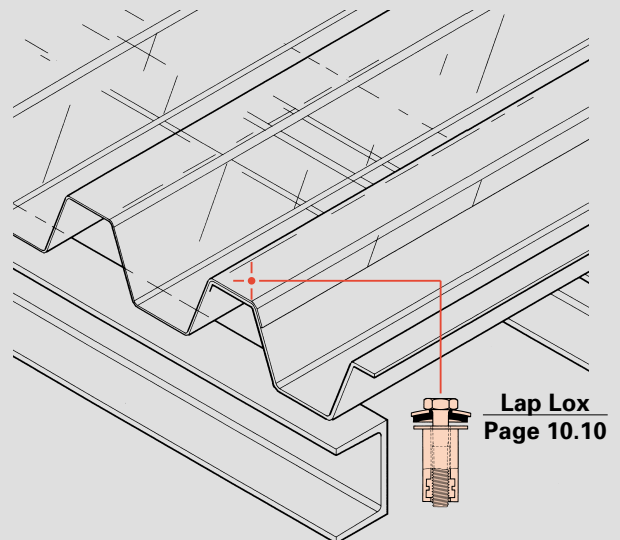
SX
Chapter 3

SD
Chapter 4

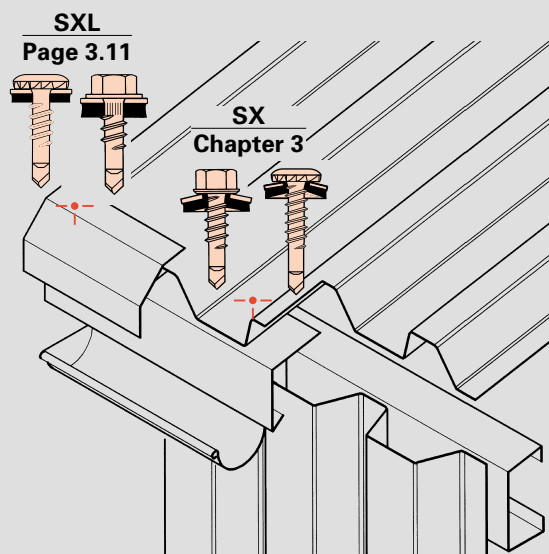
SD
Chapter 4

Special applications

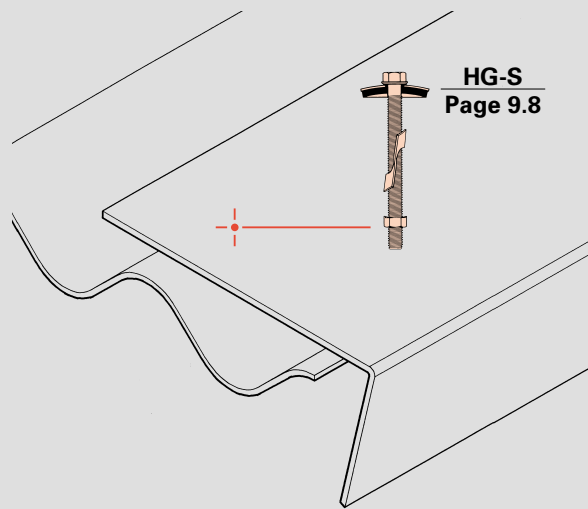
Side lap stitching GRP and PVC



Side lap stitching profile metal sheet



Side lap stitching fibre cement sheet



Thread types

Chapter 8

TDA-S:



Austenitic stainless thread for light section steel and timber

TDB-S:



Austenitic stainless steel thread for heavy section steel

TDA-T:



Carbon steel self tapping thread for light section steel and timber

TDB-T:



Carbon steel self tapping thread for heavy section steel

TDC-S:

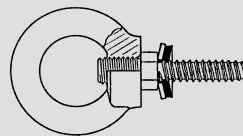


Stainless steel repair fastener

Special fasteners

Anchor

Page 10.9



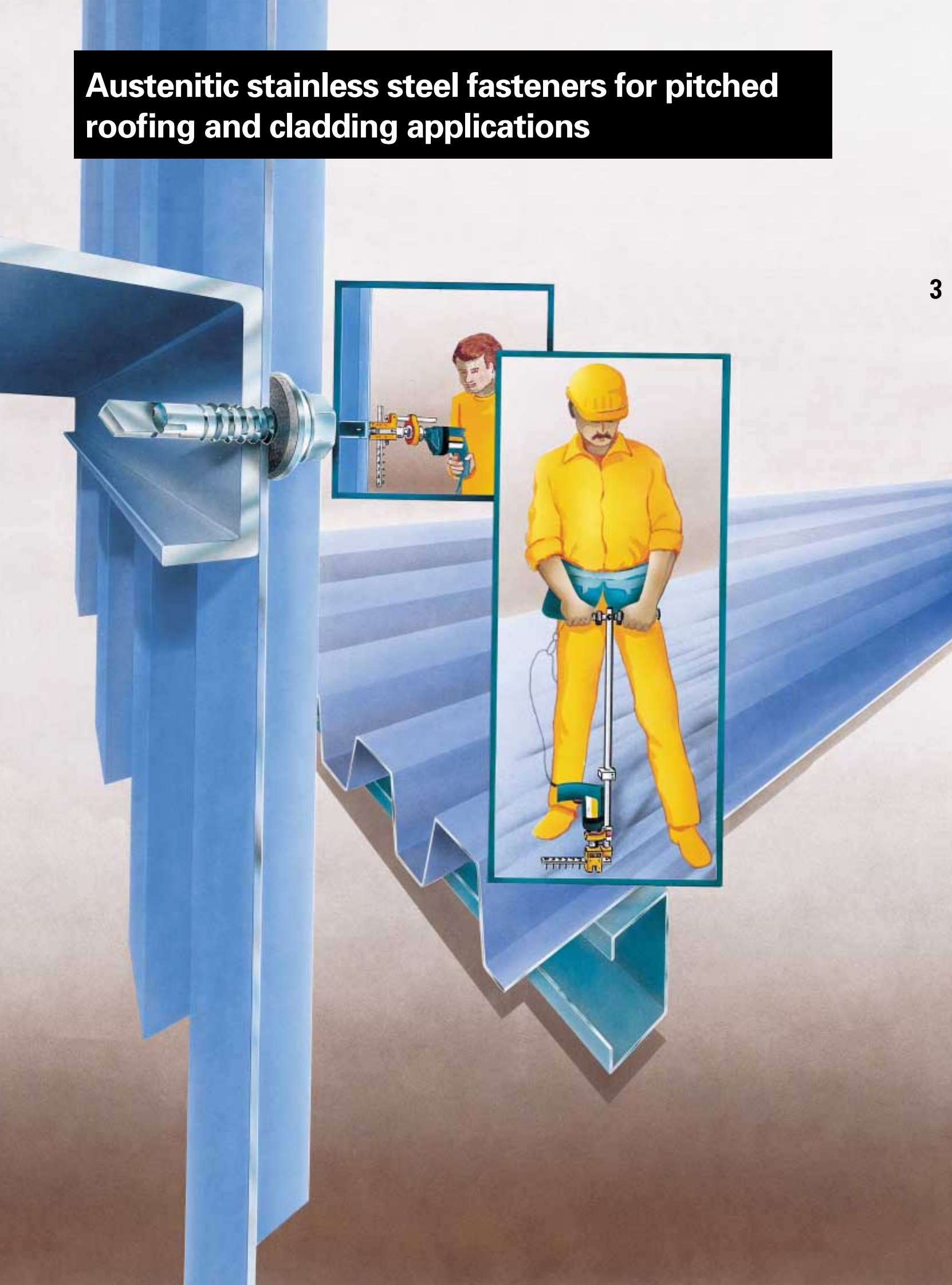
Acorn nut

Page 10.9



Austenitic stainless steel fasteners for pitched roofing and cladding applications

3



Austenitic stainless steel self drilling fasteners for steel and aluminium structure



Technical information

SX, SX-L12

Material:

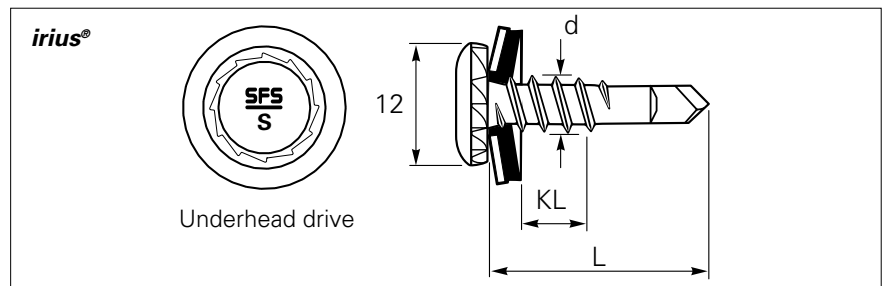
Fastener: Austenitic stainless steel, grade 304 (European Standard 1.4301)
Grade 316 (European Standard 1.4401)*

Washer: S = Stainless steel, grade 304 or 316
A = Aluminium

with vulcanised EPDM
Drill point: Case hardened, carbon steel

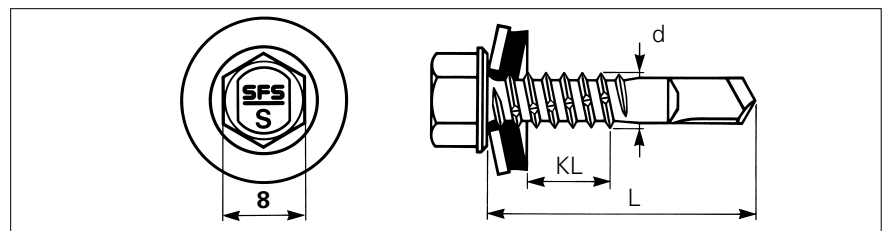
Application:

Stainless steel fastening of steel or aluminium sheet to steel or aluminium structure in one operation: drilling, thread forming and sealing.



*Special programme:

Available on request in SX3, SX6 and SXC5 fastener types only.



Installation tools:

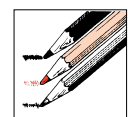
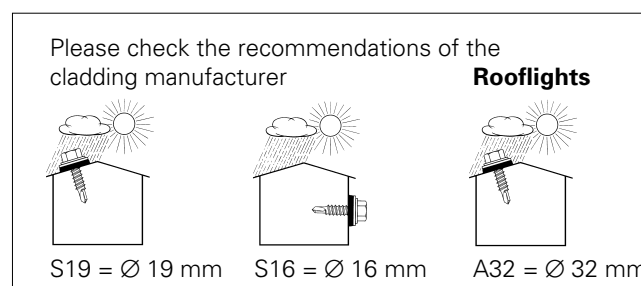
CF 400 Automatic setting tool for belted hexagon head fasteners (Page 13.4).



DI 600

The thinner the purlin or substrate the greater is the chance of the fastener stripping its thread during installation. Purpose designed screwguns and depth locators are available (Page 13.7).

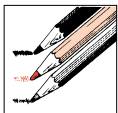
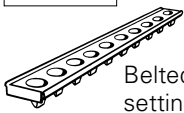

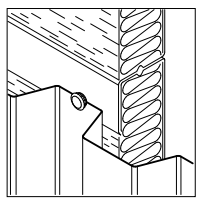
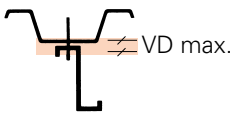
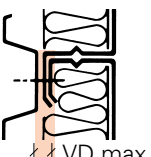
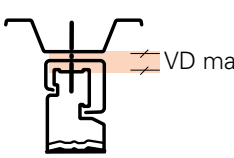

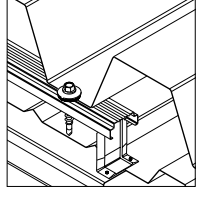


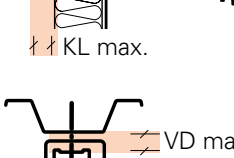
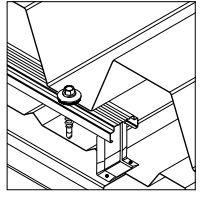

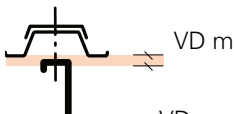
Washer recommendations:



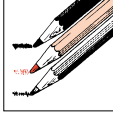
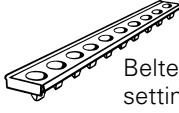

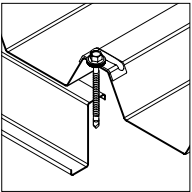
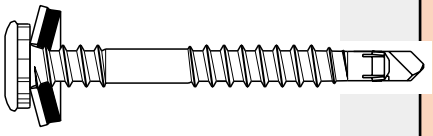
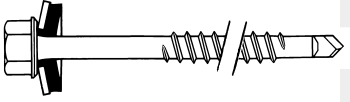

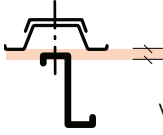

Coloured fasteners:

Colour heads are achieved through powder coating. (Page 12.2)

Austenitic stainless steel self drilling fasteners for single skin construction to steel structure

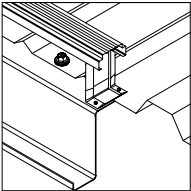
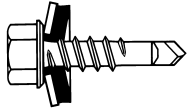
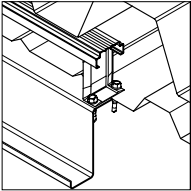

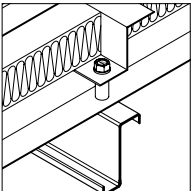
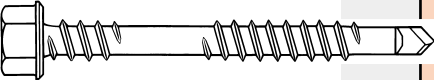

Example/Order code							System and tool information	
Type	Max. drilling capacity VD (mm)	Effective thread length KL (mm)	Drive system <i>irius</i> [®] Ø 12 mm	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)	Effective thread length KL (mm)	 Coloured fasteners (Page 12.2)  Belted for CF 400 setting tool (Page 12.3)  Setting tools and accessories Chapter 13 DI 600
SX 3	4–	L12–	S16*–	5,5×	22			
*Select washer to suit application eg: S16 for walls, S19 for roofs A32 for rooflights (Please note effective thread length is reduced by 2 mm with a hexagon head)							Application range	Conformity
	SX3/4-L12-S16*-5,5x		22	4	 VD max.  VD max.  VD max. VD max.: 3,0 mm t min. 1,5 mm t min. Alu: 2,0 mm			DTU 40.35 40.36 conformity
	SX3/4-S16*-5,5x		22	4				
	SX3/10-L12-S16*-5,5x		28	10	 KL max.  VD max.  VD max. VD max.: 3,0 mm t min. steel 2 x 0,63 mm 1,5 mm t min. Alu: 2,0 mm			DTU 40.35 40.36
	SX3/15-L12-S16-5,5x		38	15				
	SX3/10-S16*-5,5x		28	10	 VD max. VD max.: 3,0 mm t min.: 1,5 mm			DTU 40.35 40.36 conformity
	/15– /20–		38 50	15 20	Saddle washer on request.			

Austenitic stainless steel self drilling fasteners for single skin construction to steel structure

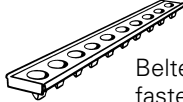
Example/Order code							System and tool information	
Type	Max. drilling capacity VD (mm)	Effective thread length KL (mm)	Drive system <i>irius</i> [®] Ø 12 mm	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)	Effective thread length KL (mm)	
SX 3	20-34	L12	S16*	5,5×	52			 Coloured fasteners (Page 12.2)  Belted for CF 400 setting tool (Page 12.3)  DI 600
* Select washer to suit application eg: S16 for walls, S19 for roofs A32 for rooflights (Please note effective thread length is reduced by 2 mm with a hexagon head)								Application range
  SX3/20-34-L12-S16-5,5× 52  SX3/20-34-S16*-5,5× 52 /20-44 65 /20-55 75							20-34	
							20-34 20-44 20-55	 VD max. VD max.: 3,0 mm t min.: 1,5 mm Saddle washer on request.
								
								DTU 40.35 40.36 DTU 40.35 40.36 conformity

Austenitic stainless steel self drilling fasteners for internal twin skin construction to steel structure


Example/Order code

Type	Max. drilling capacity VD (mm)	Effective thread length KL (mm)	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)	Effective thread length KL (mm)
SX 3	3	/4–	S16–	5,5×	22	
						Min.-Max.
	Prefix of liner to light section steel  SX3/4–S16–5,5×				22	4
	Bracket to light section steel  SX3/12–5,5×				28	12
	Ferrule fastener to light section steel  SX3/23–36–5,5×				52	23–36
	 SX3/23–44–5,5×				65	23–44
	/23–55				75	23–55

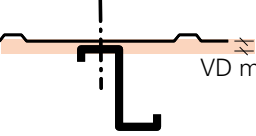
System and tool information


 Belted fasteners for **CF 400** (Page 12.3)


Setting tools and accessories Chapter 13

 **DI 600**

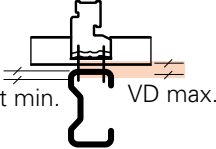
Application range


 VD max.



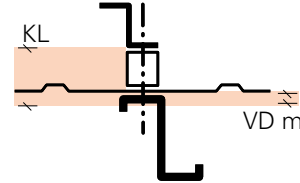



VD max.: 3,0 mm
t min. steel: 2 x 0,63 mm
1,5 mm
t min. alu: 2,0 mm

 t min. VD max.



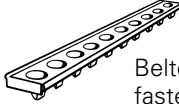

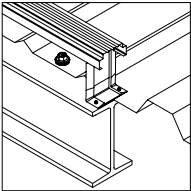
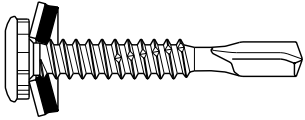
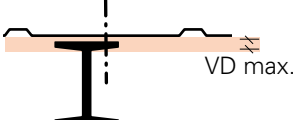

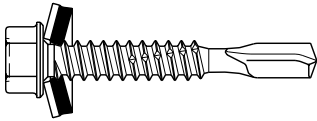
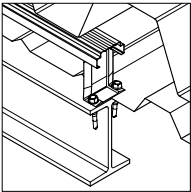
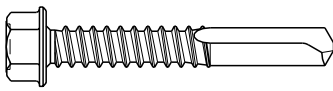
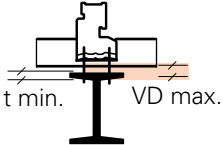

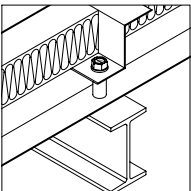
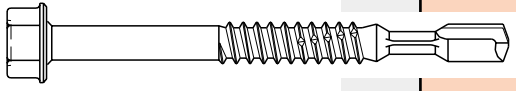
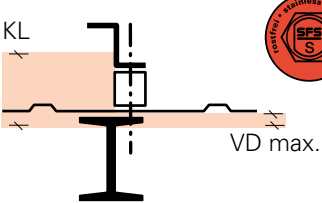

VD max.: 3,0 mm
t min. steel: 2 x 0,63 mm
1,5 mm
t min. alu: 2,0 mm

 KL VD max.



VD max.: 3,0 mm
t min. steel: 2 x 0,63 mm
1,5 mm
t min. alu: 2,0 mm

Austenitic stainless steel self drilling fasteners for internal twin skin construction to steel structure

Example/Order code							System and tool information		
Type	Max. drilling capacity VD (mm)	Effective thread length KL (mm)	Drive system irius® Ø 12 mm	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)	Effective thread length KL (mm)	 Belted fasteners for CF 400 (Page 12.3)	Setting tools and accessories Chapter 13  DI 600
SX 14	/12-	L12-	S16*-	5,5×	38				
							Min.-Max.	Application range	Conformity
	 SX14/12-L12-S16*-5,5×					38	12	 VD max.: 14,0 mm t min. steel: 4,0 mm t min. alu: 5,0 mm	
	 SX14/12-S16-5,5×					38	12		
	Bracket to hot rolled steel  SX14/12-5,5× /20					38 46	14 22	 VD max.: 14,0 mm t min. steel: 4,0 mm t min. alu: 5,0 mm	
	Ferrule fastener to hot rolled steel  SX14/38-5,5× /75-					61 98	7-38 44-75	 VD max.: 14,0 mm t min. steel: 4,0 mm t min. alu: 5,0 mm	

Austentic stainless steel self drilling fasteners for general construction to steel structure

Example/Order code

Type	Max. drilling capacity VD (mm)	Effective thread length KL (mm)	Drive system <i>irius</i> [®] Ø 12 mm	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)
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SX 6 /6– L12– S16*– 5,5× 26

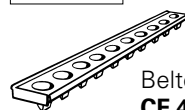
*** Select washer to suit application eg:**
S16 for walls, **S19** for roofs
A32 for rooflights (Please note effective thread length is reduced by 2 mm with a hexagon head)

System and tool information



Coloured fasteners (Page 12.2)

Setting tools and accessories Chapter 13



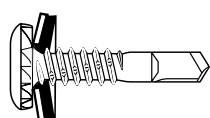
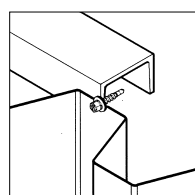
Belted fasteners for **CF 400** (Page 12.3)



DI 600

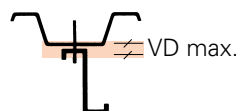
Application range

Conformity



SX6/6–L12–S16*–5,5× 26

6

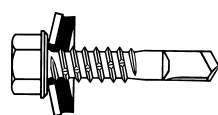
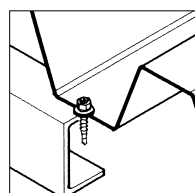


DTU 40.35
40.36
conformity

VD max.: 6,0 mm

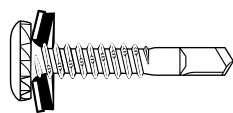
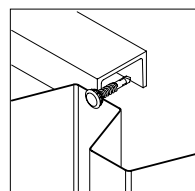
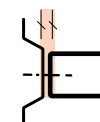
VD max.

t min. steel: 2,0 mm
t min. alu: 3,0 mm



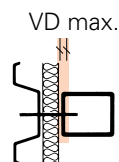
SX6/6–S16*–5,5× 26

6



**SX6/12–L12–S16*–5,5× 32
/15 38
/38 58**

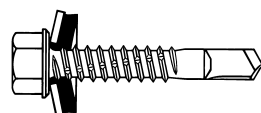
12
15
38



DTU 40.35
40.36
conformity

VD max.: 6,0 mm

t min. steel: 2,0 mm
t min. alu: 3,0 mm

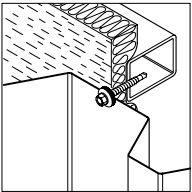
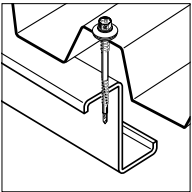


SX6/12–S16*–5,5× 32

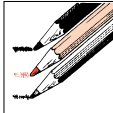
12

Austentic stainless steel self drilling fasteners for general construction to steel structure

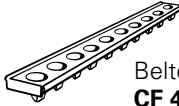
Example/Order code

Type	Max. drilling capacity VD (mm)	Effective thread length KL (mm)	Drive system irius® Ø 12 mm	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)	Effective thread length KL (mm)
SX 6	/15–	L12–	S16*–	5,5×	38		
* Select washer to suit application eg: S16 for walls, S19 for roofs A32 for rooflights (Please note effective thread length is reduced by 2 mm with a hexagon head)							
	SX6/15–L12–S16*–5,5× /38				38	58	15 38
	SX6/15–S16*–5,5×				38		15
	SXC5–S19–5,5×				62		42
					77		57
					87		67
					107		87
					130		110
					154		134


System and tool information



Coloured fasteners (Page 12.2)

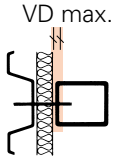


Belted fasteners for **CF 400** (Page 12.3)




Setting tools and accessories Chapter 13
DI 600

Application range



VD max.

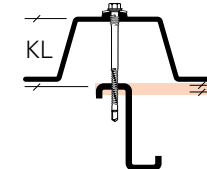


VD max.: 6,0 mm
t min. steel: 2,0 mm
t min. alu: 3,0 mm


Conformity

DTU 40.35
40.36
conformity





KL VD max.



VD max.: 5,0 mm
t min. steel: 1,5 mm

BS 5427:
pt. 1: 1996
annex A.4.3.
conformity



Austenitic stainless steel self drilling fasteners for general construction to steel structure

Example/Order code

Type	Max. drilling capacity VD (mm)	Effective thread length KL (mm)	Drive system <i>irius</i> ® Ø 12 mm	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)
SX 14	/12-	L12-	S16*-	5,5×	38	

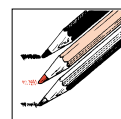
*** Select washer to suit application eg:**

S16 for walls

S19 for roofs

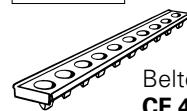
A32 for rooflights (Please note effective thread length is reduced by 2 mm with a hexagon head)

System and tool information



Coloured fasteners (Page 12.2)

Setting tools and accessories Chapter 13



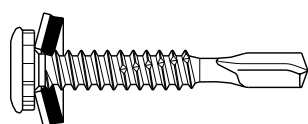
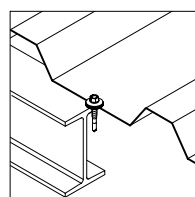
Belted fasteners for **CF 400** (Page 12.3)



DI 600

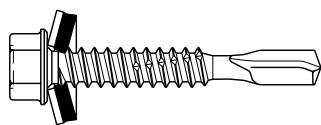
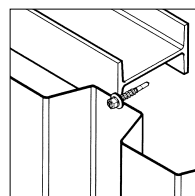
Application range

Conformity



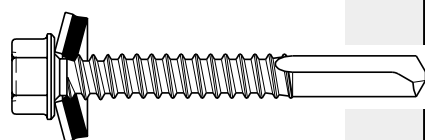
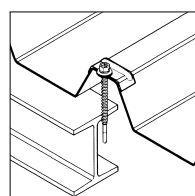
SX14/12-L12-S16*-5,5× **38**

12



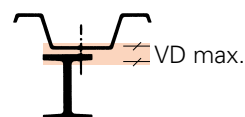
SX14/12-S16*-5,5× **38**

12



SX14/ 20-S16*-5,5× **46**
36- **61**
73- **98**

20
5- 36
42- 73



VD max.

VD max.: 14,0 mm

t min. steel: 4,0 mm

t min. alu: 5,0 mm



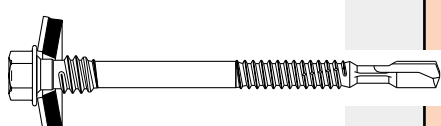
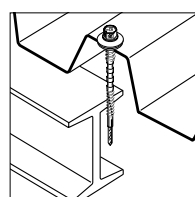
DTU 40.35
40.36
conformity



VD max: 14,0 mm

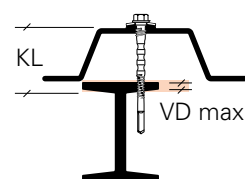
t min. steel: 4,0 mm

t min. alu: 5,0 mm



SXC14-S19-5,5×

67 27- 38
76 39- 48
95 48- 67
114 67- 86
134 85-106
165 106-135



VD max.

VD max: 14,0 mm

t min.: 4,0 mm



BS 5427:
pt. 1: 1996
annex A.4.3.
conformity





Technical information

SXL / SL-S / SL-A

Material:

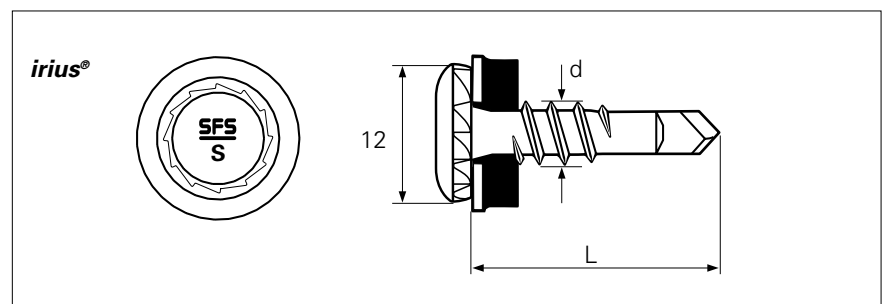
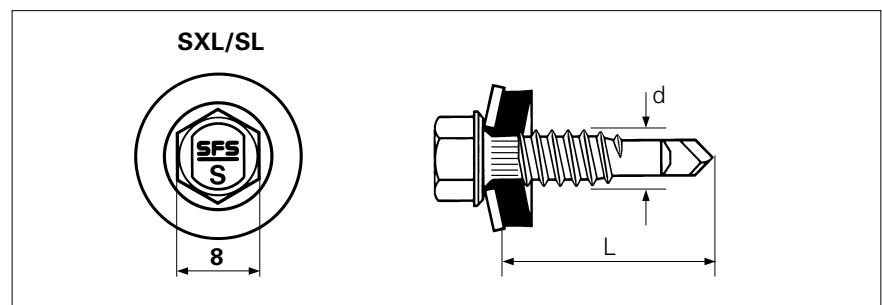
Fastener: SXL and SL-S: Austenitic stainless steel, grade 304
(European Standard 1.4301)
Grade 316 (European Standard 1.4401)*
SL-A: Aluminium

Washer: S = Stainless steel, grade 304 or 316
A = Aluminium

with vulcanised EPDM
Drill point: Case hardened, carbon steel

Application:

Stainless steel fastening of side laps and flashings. The thread-free zone under the fastener head prevents stripping of the threads in the sheets. The sheets are pulled together tightly, clamped in the thread-free zone and sealed. The fasteners can be used without depth stop or torque coupling.



*Special programme:

Available on request.

Austenitic stainless steel and aluminium self drilling stitching fasteners

Example/Order code

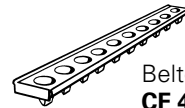
Type	Max. drilling capacity VD (mm)	Drive system irius® Ø 12 mm	Material S = Stainless steel A = Aluminium	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)
SXL 2-	L12-		S14-	5,5×	22	

System and tool information



Coloured fasteners (Page 12.3)

Setting tools and accessories Chapter 13



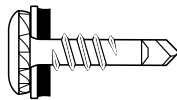
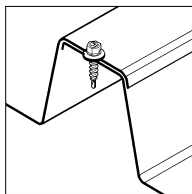
Belted fasteners for **CF 400** (Page 13.3)



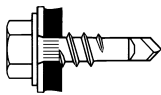
DI 600

Application range

Conformity



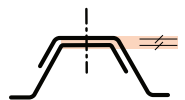
SXL2-L12-S14-5,5× **22**



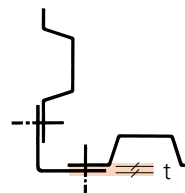
SXL2-S14-5,5× **22**

2×0,4
to
2×1,0

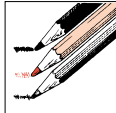
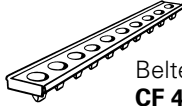

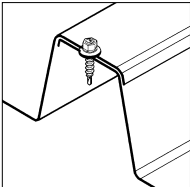
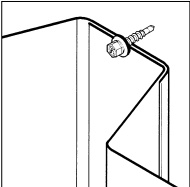
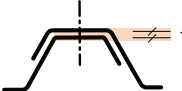


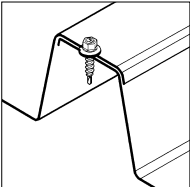
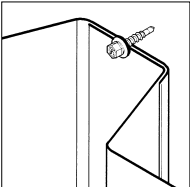
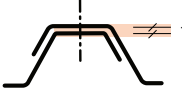

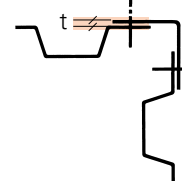
2×0,4
to
2×1,0



For steel and aluminium sheet and flashing



Austenitic stainless steel and aluminium self drilling stitching fasteners

Example/Order code						System and tool information	
Type	Max. drilling capacity VD (mm)	Material S = Stainless steel A = Aluminium	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)	Sheet thickness t (mm)	 Coloured fasteners (Page 12.3)  Belted fasteners for CF 400 (Page 13.3)  DI 600
SL	2-	S-	S14-	4,8×	20		Application range Conformity
 		SL2-S-S14-4,8×		20	2x0,4 to 2x1,0	 t  Only for steel sheet and flashing	DTU 40.35 40.36 
 		SL2-A-A14-5,5×		20	2x0,4 to 2x0,9	 t  Only for aluminium sheet and flashing  t	DTU 40.36



Technical information

SXW / SW-A / SW-S

Material:

Fastener: SXW/SW-S: Austenitic stainless steel, grade 304
(European Standard 1.4301)

SW-A: Aluminium

Washer: S = Stainless steel, grade 304

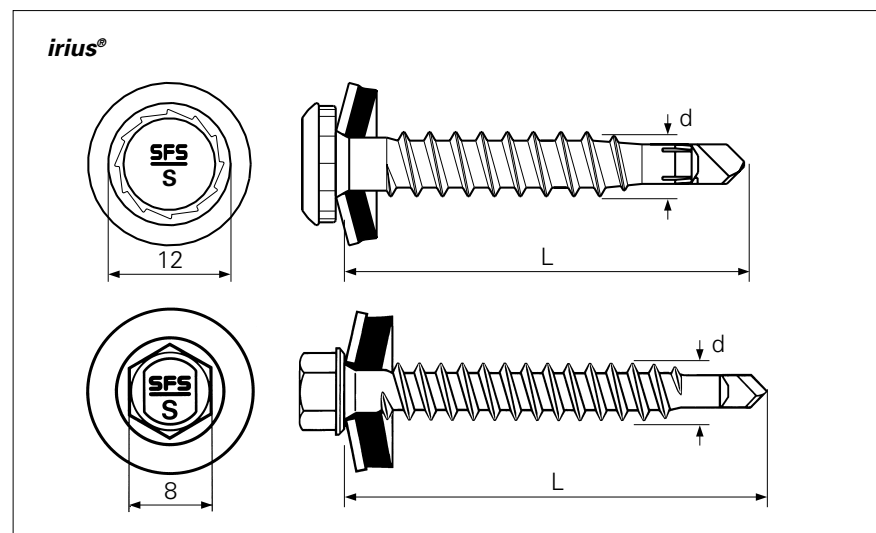
A = Aluminium

with vulcanised EPDM

Drill point: Case hardened, carbon steel

Application:

Stainless steel fastening of steel or aluminium sheets to timber structure.



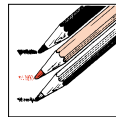
Austenitic stainless steel self drilling fasteners for timber structure

Example/Order code

Type	Material: S=Stainless steel A=Aluminium	Drive system <i>irius</i> [®] Ø 12 mm	Washer: Material, Diameter	Thread diameter d (mm)	Overall Length L (mm)
SXW–		L12–	S16*–	6,5×	50
SW– S–			A14*–	4,8×	35

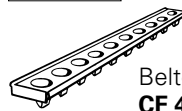
* Alternative washer:
Ø S19

System and tool information



Coloured fasteners (Page 12.3)

Setting tools and accessories
CF 400
Page 13.4



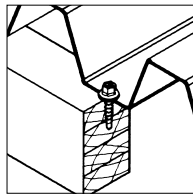
Belted fasteners for
CF 400 (Page 13.3)



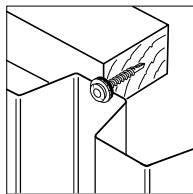
or **DI 600**
Page 13.7

Application range

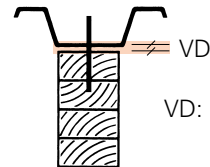
Conformity



SXW–L12–S16*–6,5× **50**



SXW–S16*–6,5× **50**

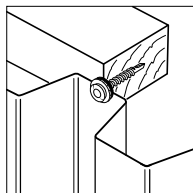


VD: 1 x 0,5 mm
to
2 x 1,0 mm

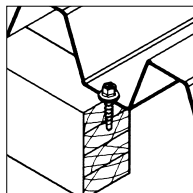
VD max.: 2 x 1,25 mm



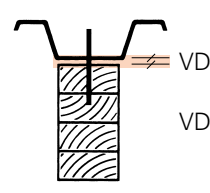
DTU 40.35
40.36



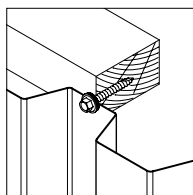
SXW–L12–S16–5,5× **40**



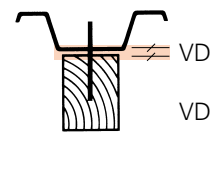
SXW–S16*–5,5× **40**



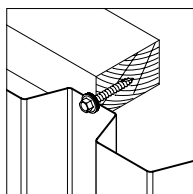
VD: 1 x 0,5 mm
to
2 x 1,0 mm



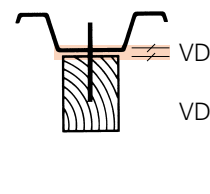
****SW2–S–A14–4,8×** **35**



VD: 1 x 0,5 mm
to
2 x 0,9 mm



****SW–A–A16–6,0×** **35**



VD: 1 x 0,5 mm
to
2 x 0,9 mm



**** Not recommended for
industrial roofing and
cladding applications**

Only for aluminium sheet

VD max.: 1 x 1,0 mm
2 x 0,9 mm
3 x 0,7 mm

Austenitic stainless steel self drilling fasteners for timber structure

Example/Order code

Type	Material: S=Stainless steel A=Aluminium	Drive system <i>irius®</i> Ø 12 mm	Washer: Material, Diameter	Thread diameter d (mm)	Overall Length L (mm)	Effective thread length KL (mm)
SXW-		L12-	S16*-	6,5×	74	

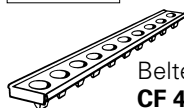
***Select washer to suit application eg:**
S16 for walls, **S19** for roofs

System and tool information



Coloured fasteners (Page 12.3)

Setting tools and accessories
CF 400
Page 13.4



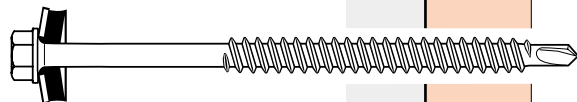
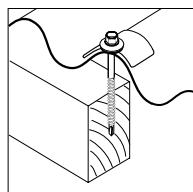
Belted fasteners for **CF 400** (Page 13.3)



or **DI 600**
Page 13.7

Application range

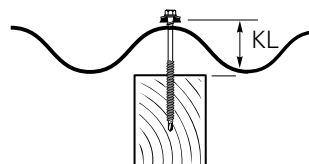
Conformity



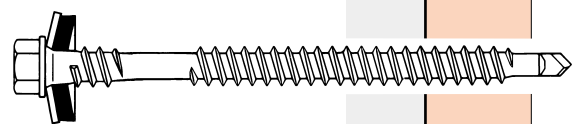
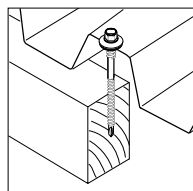
SXW-S16-6,5×

74
98

28
52



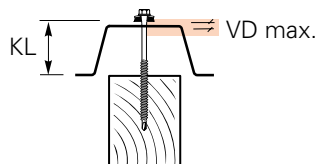
DTU 40.35
DTU 40.36



SXCW-S19*-6,5×

90
105
115
135
155
185

28- 37
38- 55
48- 65
68- 85
78-105
100-135

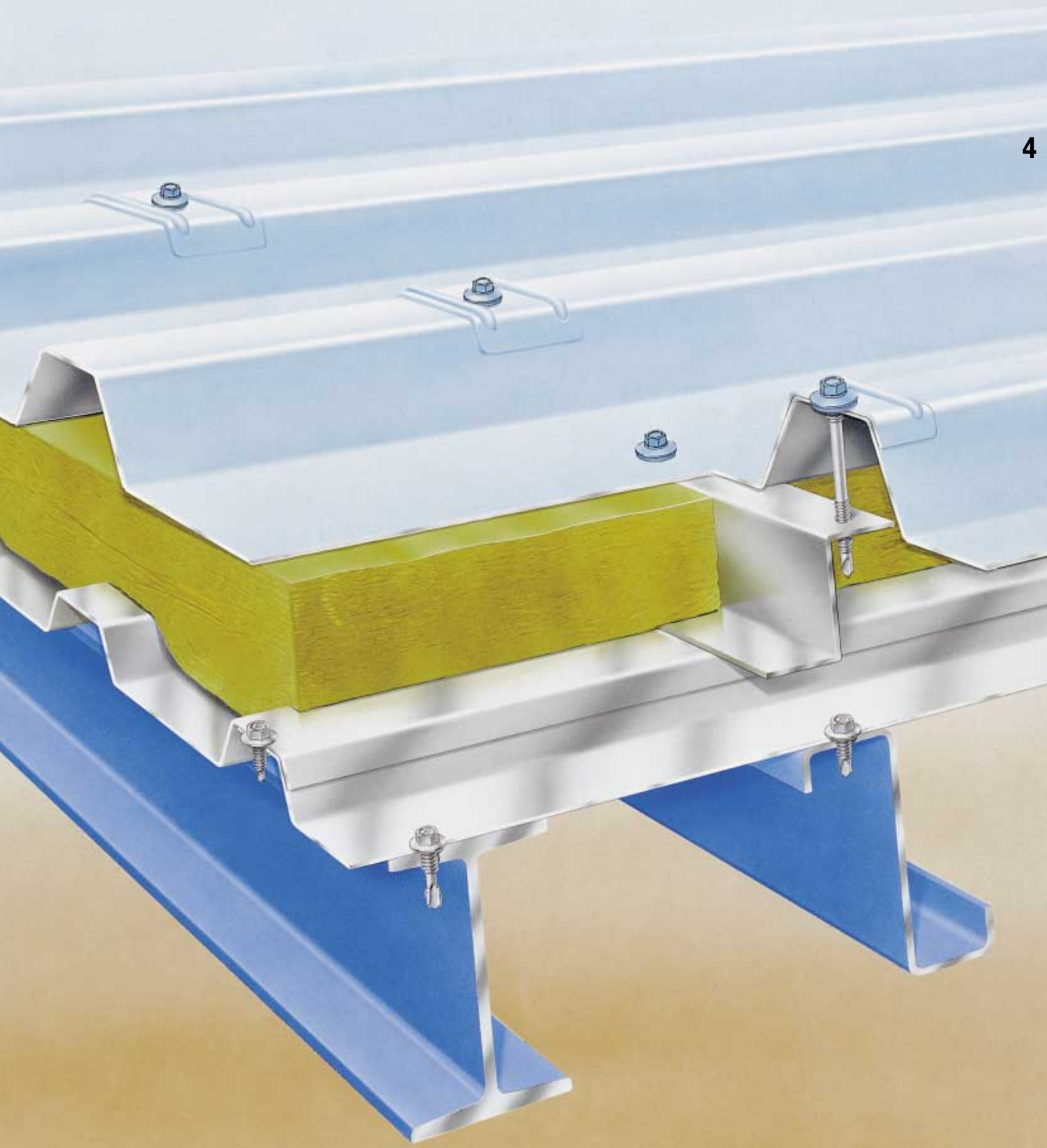


VD max.: 2,0 mm
steel



DTU 40.35
DTU 40.36

Carbon steel self drilling fasteners for pitched roofing and cladding applications





Technical information

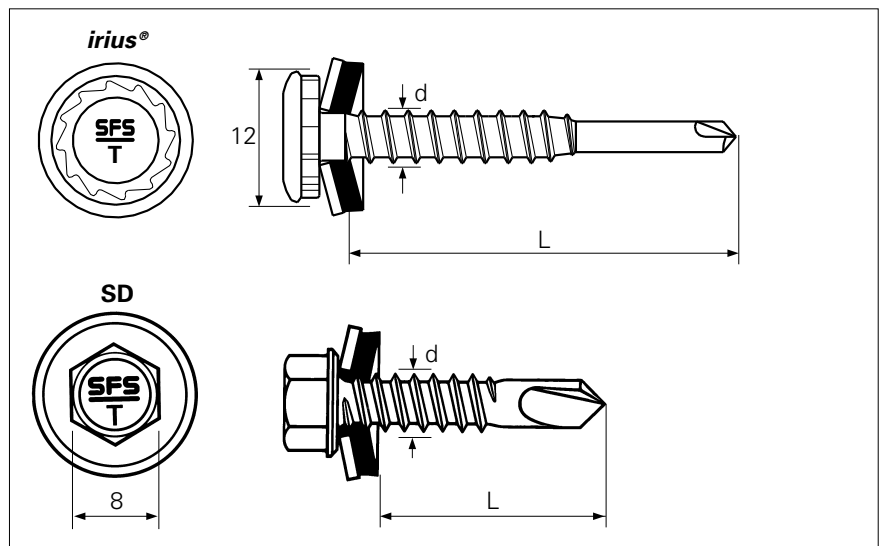
SD

Material:

Fastener: Plated carbon steel, case hardened
 Washer: T = steel zinc plated
 A = Aluminium
 with vulcanised EPDM

Application:

Fastening profile steel sheeting to steel in one operation: drilling, thread forming and sealing.



Installation tools:

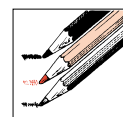
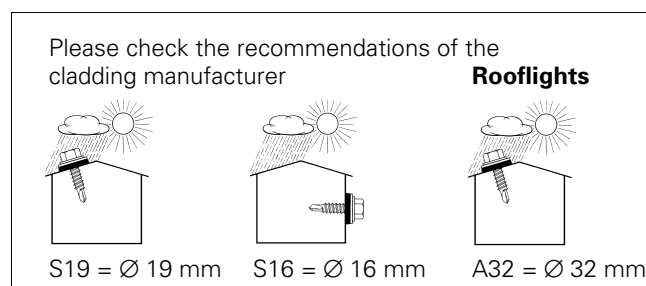
CF 400 Automatic setting tool for belted hexagon head fasteners (Page 13.4).



DI 600

The thinner the purlin or substrate the greater is the chance of the fastener stripping its thread during installation. Purpose designed screwguns and depth locators are available (Page 13.7).

Washer recommendations:



Coloured fasteners:

Colour heads are achieved through powder coating. (Page 12.2)

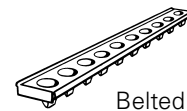
Carbon steel self drilling fasteners for single skin construction to steel structure

Example/Order code

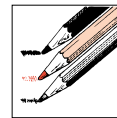
Type	Max. drilling capacity VD (mm)	Drive system <i>irius</i> [®] Ø 12 mm	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)
SD 3–	L12–	T15*–	4,8×	22	

***Select washer to suit application eg:**
T15/T16 for walls, **T19** for roofs
A32 for rooflights (Please note effective thread length is reduced by 2 mm with a hexagon head)

System and tool information



Belted for **CF 400**
setting tool
(Page 12.3)



Coloured
fasteners (Page 12.2)

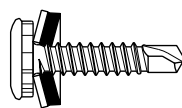
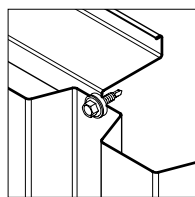
Setting tools
and accessories
Chapter 13



DI 600

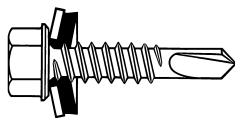
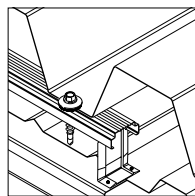
Application range

Conformity



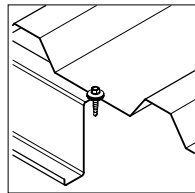
SD3-L12-T15-4,8×

22

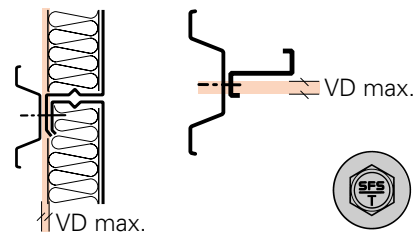


SD3-T15*-5,5×

25

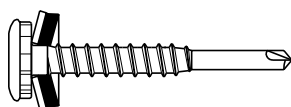
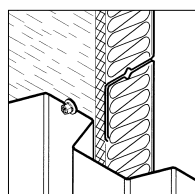
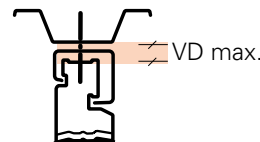


10



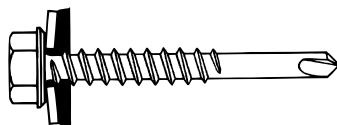
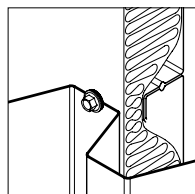
Pilot point self drilling
fasteners

8



SD3/15-L12-T15-4,8×

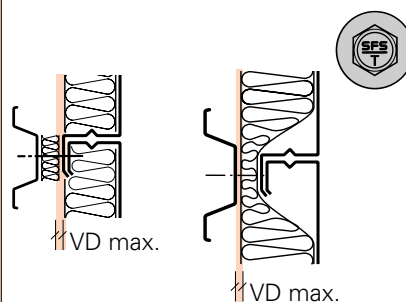
38



SD3/15-T15-4,8×

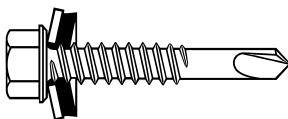
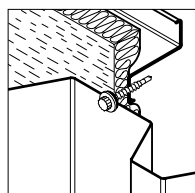
38

15



VD max.: 3,0 mm
t min.: 2 x 0,63 mm
1,5 mm

15



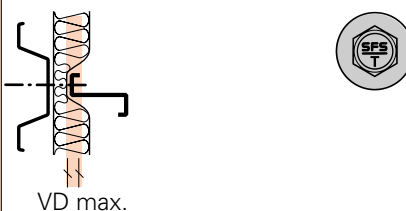
SD3-T15*-5,5×

32

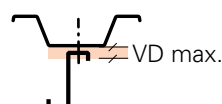
12

15

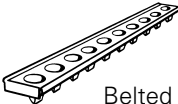
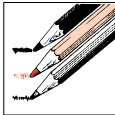

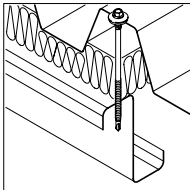
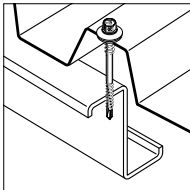
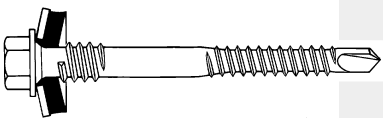
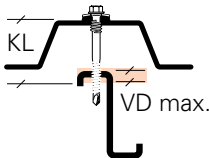


23



Steel:
VD max.: 3,0 mm
t min. 1,2 mm



Carbon steel self drilling fasteners for single skin construction to steel structure

Example/Order code					System and tool information	
Type	Max. drilling capacity VD (mm)	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)	Effective thread length KL (mm)	<div><div>Belted for CF 400 setting tool (Page 12.3)</div></div> <div><div>Coloured fasteners (Page 12.2)</div></div> <div>Application range</div> <div>Conformity</div>
SDT	5–	A19–	5,5×	55		<div>Setting tools and accessories Chapter 13</div> <div>DI 600</div>
<div>*Select washer to suit application eg: T15/T16 for walls, T19 for roofs A32 for rooflights (Please note effective thread length is reduced by 2 mm with a hexagon head)</div>						
<div></div>	<div>SDT5–A19–5,5×</div>			<div>55 67 77 97 112 137</div>	<div>38 50 60 80 95 120</div>	<div><div>KL VD max. VD max.: 5,0 mm t min. 1,5 mm</div></div> <div></div> <div><div></div><div>BS 5427: pt. 1: 1996 annex A.4.3. conformity</div></div>

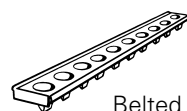
Carbon steel self drilling fasteners for single skin construction to steel structure

Example/Order code

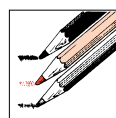
Type	Max. drilling capacity VD (mm)	Drive system <i>irius</i> [®] Ø 12 mm	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)
SD 5–	L12–	T15–	5,5×	25	

***Select washer to suit application eg:**
T15/T16 for walls, **T19** for roofs
A32 for rooflights (Please note effective thread length is reduced by 2 mm with a hexagon head)

System and tool information



Belted for **CF 400**
setting tool
(Page 12.3)



Coloured fasteners (Page 12.2)

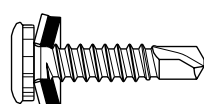
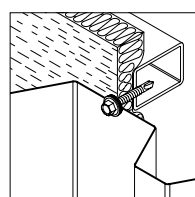
Setting tools and accessories
Chapter 13



DI 600

Application range

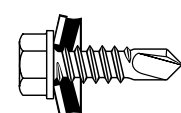
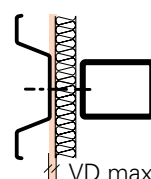
Conformity



SD5–L12–T15–5,5×

25

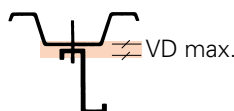
12



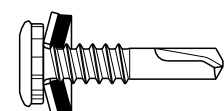
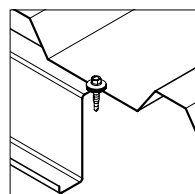
SD5–T15*–5,5×

25

12



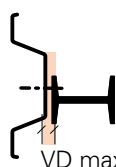
Steel:
VD max.: 5,0 mm
t min.: 1,5 mm



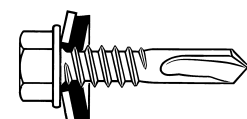
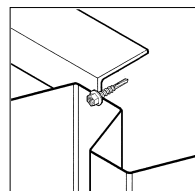
SD8–L12–T15–5,5×

25

8



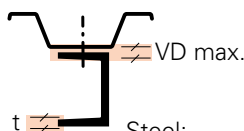
Steel:
VD max.: 8,0 mm
t min.: 2,0 mm



SD8–T15*–5,5×

25

8



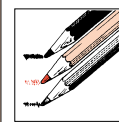
Steel:
VD max.: 8,0 mm
t min.: 2,0 mm

Carbon steel self drilling fasteners for single skin construction to steel structure

Example/Order code

Type	Max. drilling capacity VD (mm)	Drive system <i>irius®</i> Ø 12 mm	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)
SD 14–	L12–	T15–	5,5×	32	
* Select washer to suit application eg: T15/T16 for walls, T19 for roofs A32 for rooflights (Please note effective thread length is reduced by 2 mm with a hexagon head)					

System and tool information



Coloured fasteners (Page 12.2)

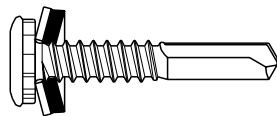
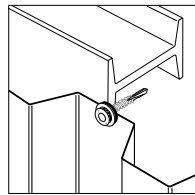
Setting tools and accessories Chapter 13



DI 600

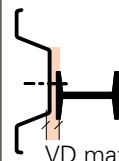
Application range

Conformity



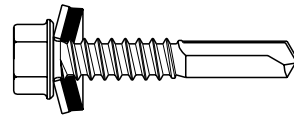
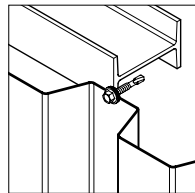
SD14–L12–T15–5,5× **32**

13



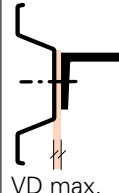
VD max.

VD max.: 14,0 mm
t min.: 4,0 mm



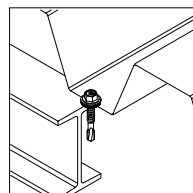
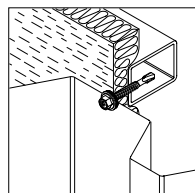
SD14–T15*–5,5× **32**

13



VD max.

VD max.



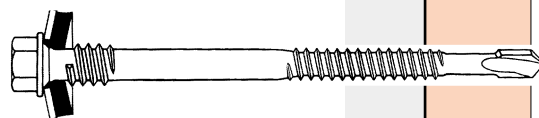
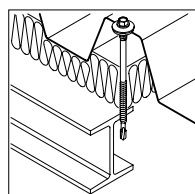
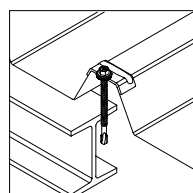
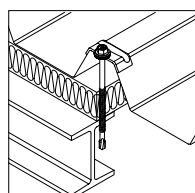
46
56
66
76
86

25
5–35
15–45
25–55
35–65



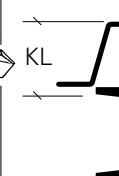
VD max.

Steel:
VD max.: 14,0 mm
t min. 4,0 mm



SDT14–A19*–5,5× **60**

37



KL

VD max.

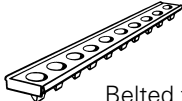

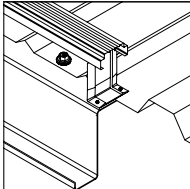
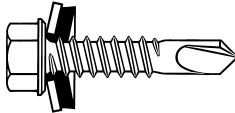
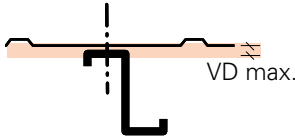

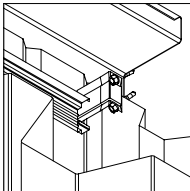
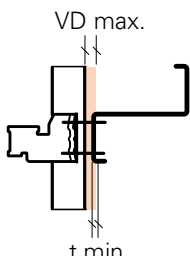

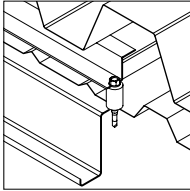

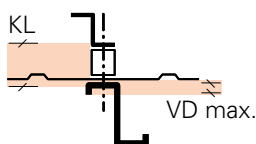

VD max.: 14,0 mm
t min. 4,0 mm



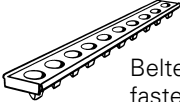

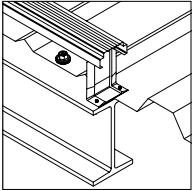
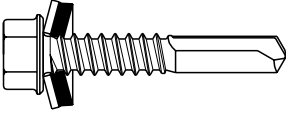
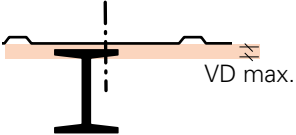

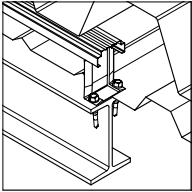

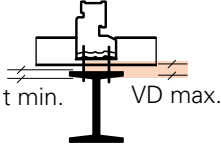

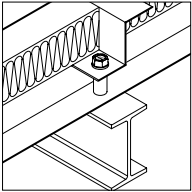

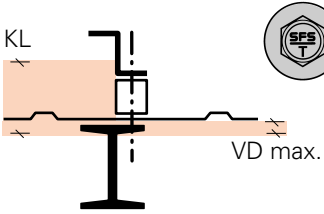

BS 5427:
pt. 1: 1996
annex A.4.3.
conformity



Carbon steel self drilling fasteners for internal twin skin construction to steel structure

Example/Order code					System and tool information		
Type	Max. drilling capacity VD (mm)	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)	Effective thread length KL (mm)	<div><p>Belted for CF 400 setting tool (Page 12.3)</p></div> <div><p>DI 600</p></div> <div>Setting tools and accessories Chapter 13</div>	
SD	3–	T15–	5,5×	25		<div>Application range</div> <div>Conformity</div>	
<div></div> <div>Prefix lining sheet to light section steel</div> <div></div> <div>SD3–T15–5,5×</div>				25	10	<div><p>VD max.</p></div> <div>Steel: VD max.: 3,0 mm t min. 1,2 mm</div>	
<div></div> <div>SD3–5,5×</div>				25	13	<div><p>VD max. t min.</p></div> <div>Steel: VD max.: 3,0 mm t min. 1,2 mm</div>	
<div></div> <div>Ferrule fastener to light section steel</div> <div></div> <div>SD3–5,5×</div>				<div>35 45 48 60 70 80 100</div>	<div>22 32 32 47 57 67 87</div>	<div><p>KL VD max.</p></div> <div>Steel: VD max.: 3,0 mm t min. 1,2 mm</div>	

Carbon steel self drilling fasteners for internal twin skin construction to steel structure

Example/Order code					System and tool information	
Type SD	Max. drilling capacity VD (mm) 14–	Washer: Material, Diameter T15–	Thread diameter d (mm) 5,5×	Overall length L (mm) 36	Effective thread length KL (mm)	 <p>Belted fasteners for CF 400 (Page 12.3)</p> <p>Setting tools and accessories Chapter 13</p>  <p>DI 600</p>
					Application range	Conformity
 <p>Prefix of liner to hot rolled steel</p>  <p>SD14–T15–5,5×</p>					 <p>VD max.</p>  <p>Steel: VD max.: 14,0 mm t min.: 4,0 mm</p>	
 <p>Bracket to hot rolled steel</p>  <p>SD14–5,5×</p>					 <p>t min. VD max.</p>  <p>Steel: VD max.: 14,0 mm t min.: 4,0 mm</p>	
 <p>Ferrule fastener to hot rolled steel</p>  <p>SD14–5,5×</p>					 <p>KL VD max.</p>  <p>Steel: VD max.: 14,0 mm t min.: 4,0 mm</p>	



Technical information

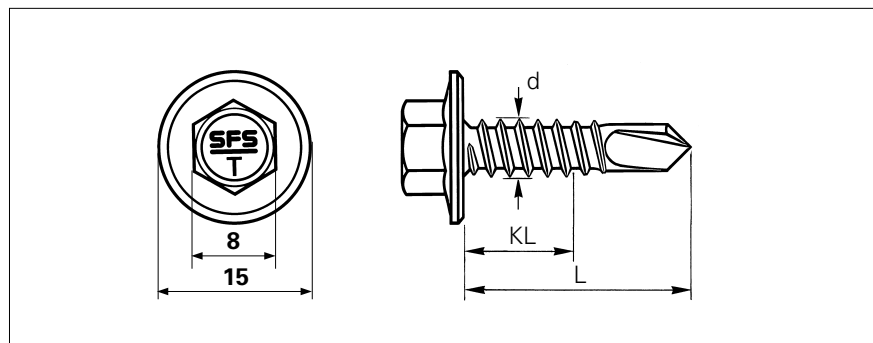
SD

Material:

Plated carbon steel, case hardened.
15 mm diameter flange head

Application:

Fastening structural metal deck to steel structure.

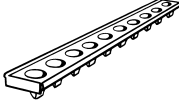

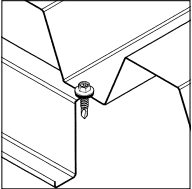
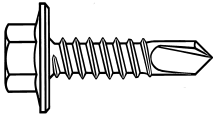
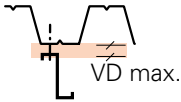



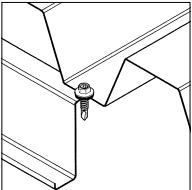
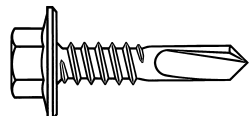
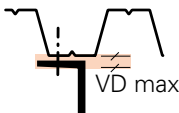


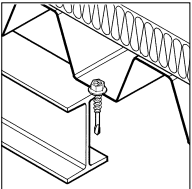
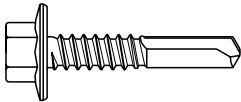
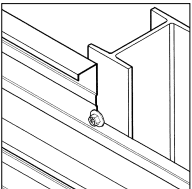
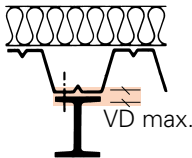



**Installation tools:**

CF 400 Automatic setting tool for belted fasteners (Page 13.4).


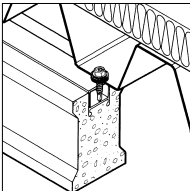
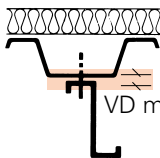


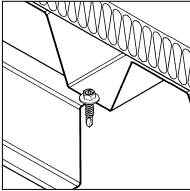
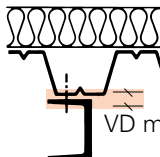

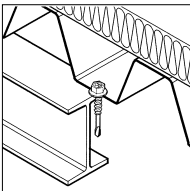
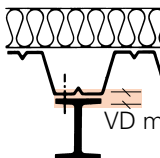


**DI 600**

Purpose designed lightweight screw-gun (Page 13.6)

Carbon steel self drilling fasteners for metal deck to steel structure

Example/Order code					System and tool information	
Type	Max. drilling capacity VD (mm)	Flanged head form 15 mm	Thread diameter d (mm)	Overall length L (mm)	Effective thread length KL (mm)	 <p>Belted for CF 400 setting tool (Page 12.3)</p> <p>Setting tools and accessories Chapter 13</p>  <p>DI 600</p>
SD	5–	H15–	5,5×	22		
					Application range	Conformity
  <p>SD5–H15–5,5×</p>					 <p>VD max.</p>  <p>VD max.: 5,0 mm t min.: 1,5 mm</p>	 <p>FM APPROVED</p> <p>DTU 43.3 conformity</p> 
  <p>SD8–H15–5,5×</p>					 <p>VD max.</p>  <p>VD max.: 8,0 mm t min.: 2,0 mm</p>	<p>DTU 43.3 conformity</p> 
  <p>SD14–H15–5,5×</p> 					 <p>VD max.</p>  <p>VD max.: 14,0 mm t min.: 4,0 mm</p>	 <p>FM APPROVED</p> <p>DTU 43.3 conformity</p> 

Carbon steel self drilling fasteners for metal deck to steel structure

Example/Order code					System and tool information	
Type	Max. drilling capacity VD (mm)	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)	Effective thread length KL (mm)	Setting tools and accessories Chapter 13
SD	5–	T15–	5,5×	25		 DI 600
					Application range	Conformity
 SD5–T15–5,5×				25	 VD max. VD max.: 5,0 mm t min.: 1,5 mm 	
 SD8–T15–5,5×				25	 VD max. VD max.: 8,0 mm t min.: 2,0 mm 	
 SD14–T15–5,5×				32	 VD max. VD max.: 14,0 mm t min.: 4,0 mm 	



Technical information

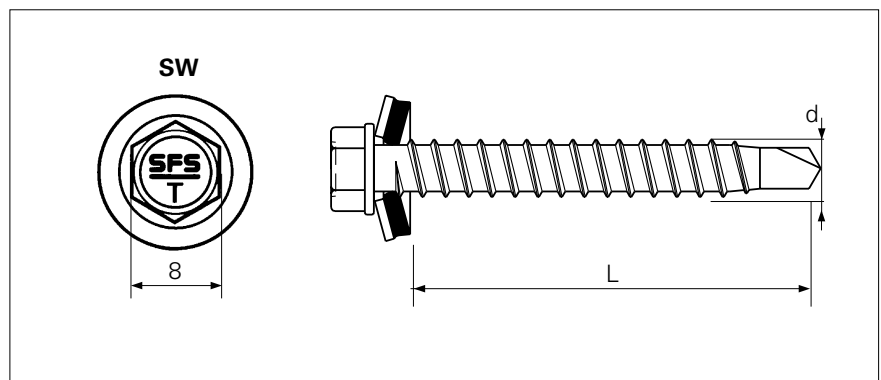
SW-T

Material:

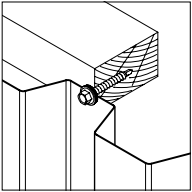
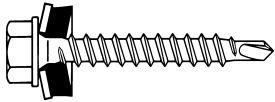
Fastener: Plated carbon steel, case hardened
Washer: A = Aluminium
with vulcanised EPDM

Application:

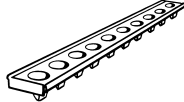

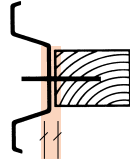

Fastening profile steel sheeting to timber structure in one operation.



Example/Order code

Type	Material: T=carbon steel	Washer Material, Diameter	Thread diameter d (mm)	Overall length L (mm)
SW-	T-	A14-	4,8×	35
				
SW-T-A14-4,8×				35 51 75

System and tool information

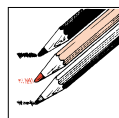
 <p>Belted for CF 400 setting tool Page 12.3</p>		<p>Setting tools and accessories, Page 13.4</p>  <p>DI 600 Page 13.7</p>
<p>Application range</p>  <p>VD max. VD max.: 1 x 1,0 mm 2 x 0,9 mm 3 x 0,7 mm</p>		<p>Conformity</p> 

Self drilling fasteners for timber structure

Example/Order code

Type	Max. drilling capacity VD (mm)	Material: T=carbon steel	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)	Effective thread length KL (mm)
SW- 3-		T-	T16-	6,5×	50	

System and tool information



Coloured fasteners
Page 12.2

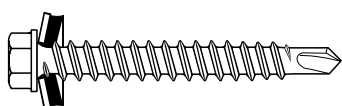
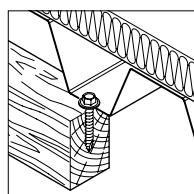
Setting tools and accessories,
Page 13.4



CF 400
Page 13.7

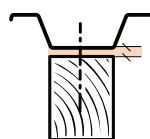
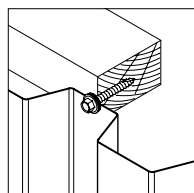
Application range

Conformity



SW3-T-T16-6,5×

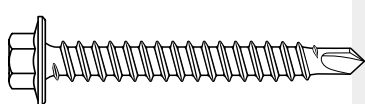
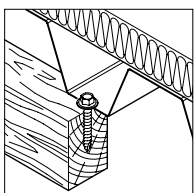
50



VD max.: 2 x 1,25 mm

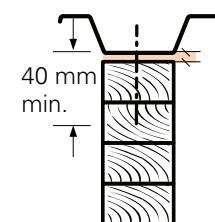
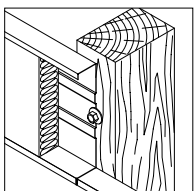


State of the art for cladding applications



SW3-T-H15-6,5×

51



40 mm min.

VD max.: 2 x 1,25 mm



DTU 43.3

State of the art for cladding applications



Technical information

SL

Material:

Fastener: Plated carbon steel, case hardened

Washer: A = Aluminium

T = Carbon steel

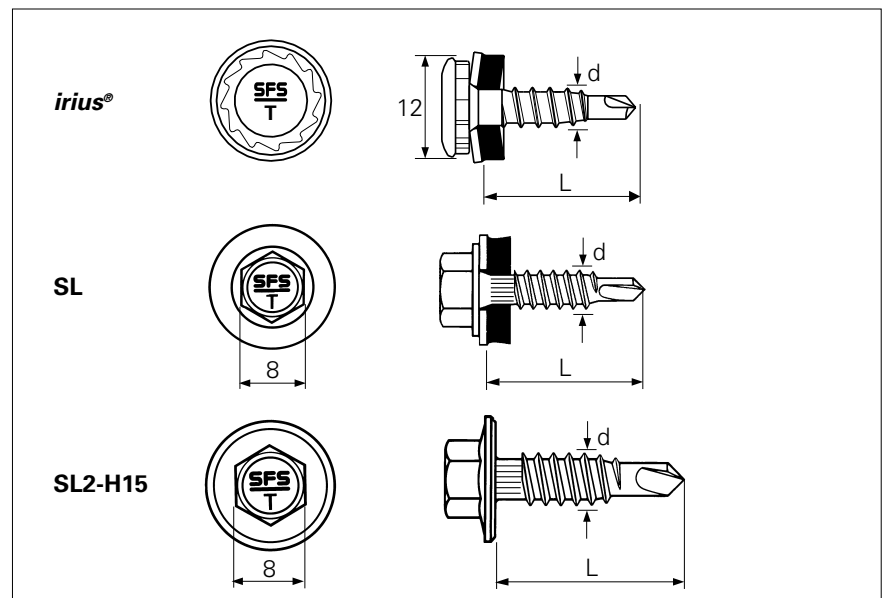
with vulcanised EPDM

Drill point: Case hardened carbon steel

Application:

SL: Side lap stitching to steel sheets and flashings. The thread-free zone under the fastener head prevents the threads stripping in the sheets. Sheets are pulled together tightly, clamped in the thread-free zone and sealed through the sealing washer.

SL2-H15: High performance self drilling stitchers for structural metal steel decks.



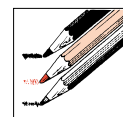
Installation tools:

CF 400 Automatic setting tool for belted hexagon head fasteners (Page 13.4).



DI 600

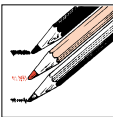

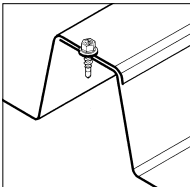
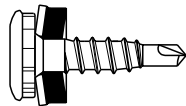
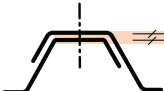

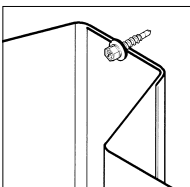
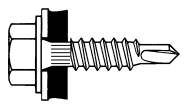
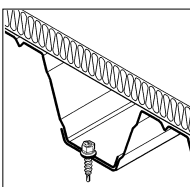
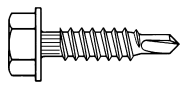
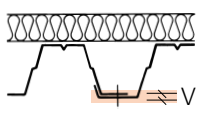



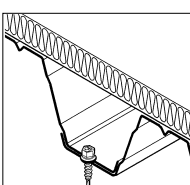
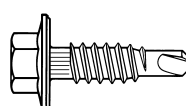
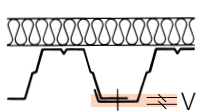



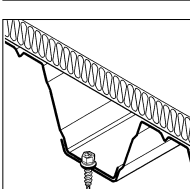
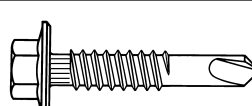
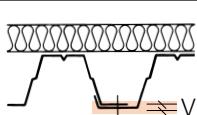

Purpose designed lightweight screw-gun (Page 13.7)



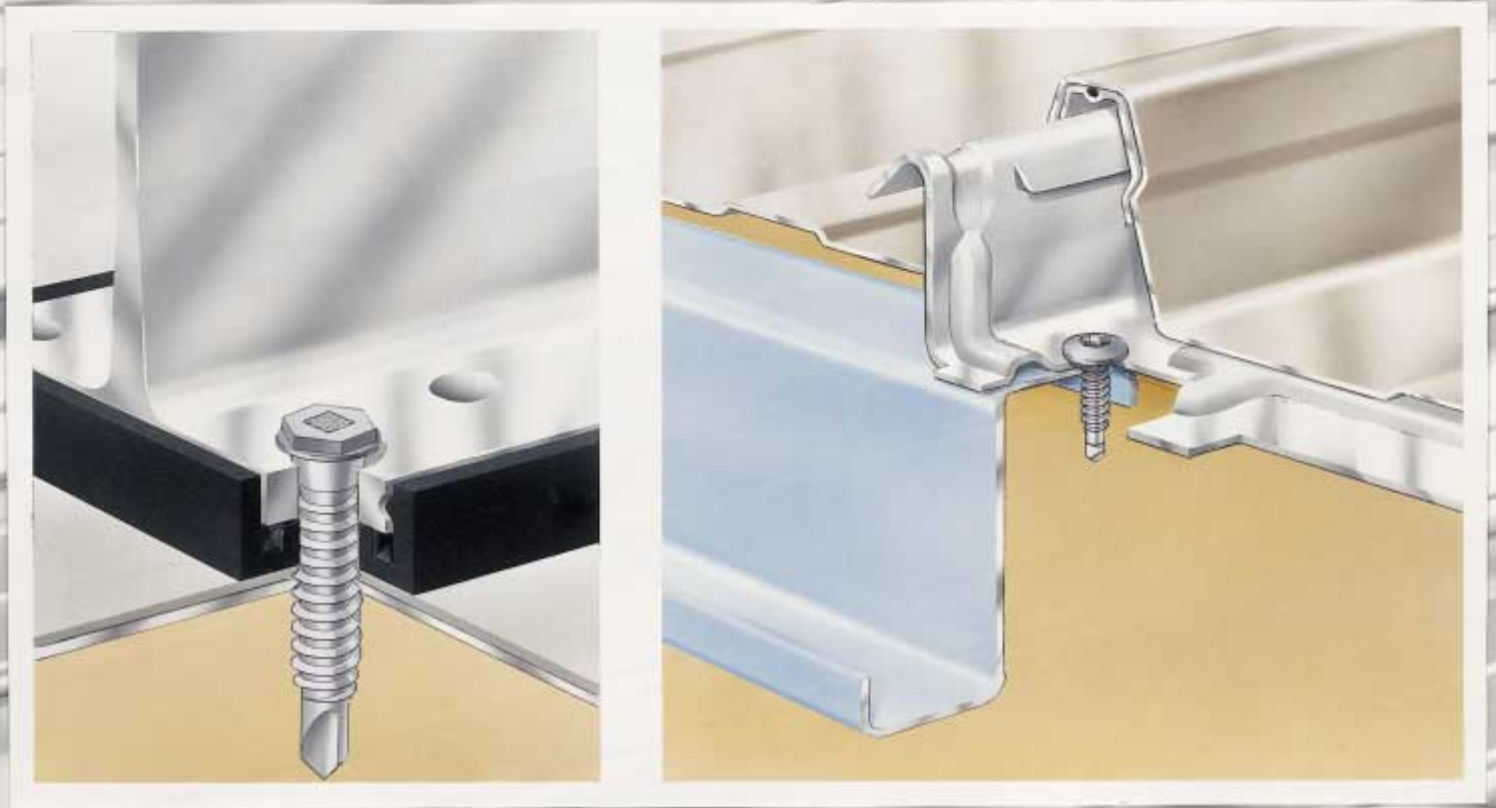
Coloured fasteners:

Colour heads are achieved through powder coating. (Page 12.2)

Carbon steel self drilling stitchers for side laps and flashings

Example/Order code							System and tool information		
Type	Max. drilling capacity VD (mm)	Material: T=carbon steel	Drive system irius® Ø 12 mm	Washer: material, diameter	Thread diameter d (mm)	Overall length L (mm)	Sheet thickness t (mm)	 Coloured fasteners (Page 12.2)	Setting tools and accessories Chapter 13  DI 600
SL 2– T– L12– A14– 4,8× 20									
* Alternative washer: Ø A32								Application range	Conformity
						SL2–T–L12–A14–4,8× 20	2x0,4 à 2x1,0	 VD max.  For steel sheet VD max.: 2 x 0,4 mm to 2 x 1,0 mm	
						SL2–T–A14–4,8× 20			
						SL2–4,8× 20		 VD max.  Fool proof VD max.: 2 x 0,63 mm to 2 x 1,00 mm	 DTU 43.3 conformity 
						SL2–H15–6,3× 22		 VD max.  High load VD max.: 2 x 0,63 mm to 2 x 1,00 mm	 DTU 43.3 conformity 
						SL3–H15–6,3× 32		 VD max.  High load VD max.: 2 x 1,1 mm to 2 x 1,5 mm	DTU 43.3 conformity

Self drilling fasteners for standing seam and secret fix systems



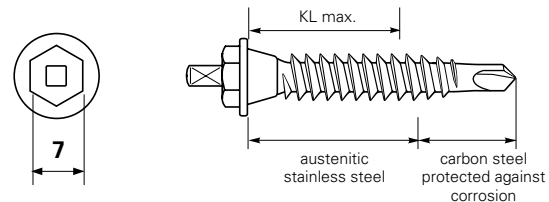


Technical information

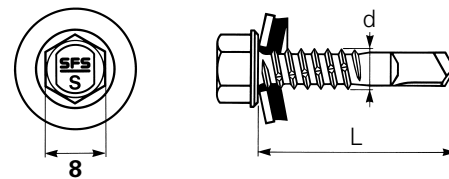
SX and SDK

Material: Austenitic stainless steel, grade 304 (European Standard 1.4301)
Head form: SDK: Hexagon head with square peg
 SX: Hexagon head
 SX-D12: Low profile head 12 mm in diameter
Drill point: Case hardened, carbon steel

Application:
 Fastening clips to steel structure.



Fastener approval must be related to the corrugated roof in question. The manufacturer's assembly instructions should be consulted.



DI 600

The thinner the purlin or substrate the greater is the chance of the fastener stripping its thread during installation. Purpose designed screwguns and depth locators are available (Page 13.7).



Operating guidance notes:


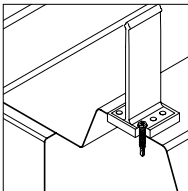
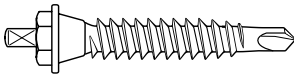
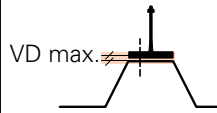
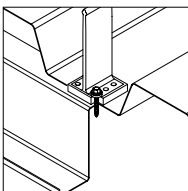
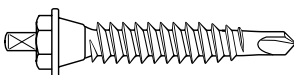
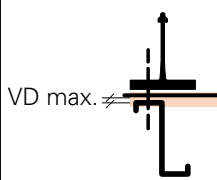
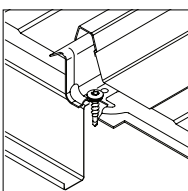
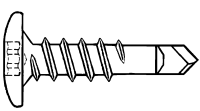
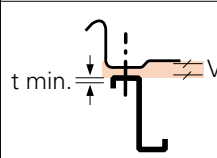
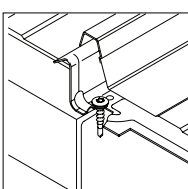
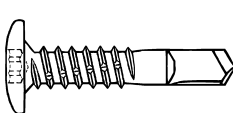
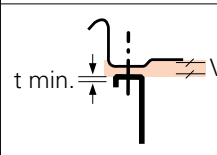
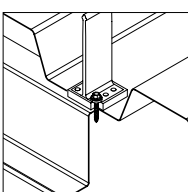
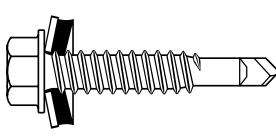
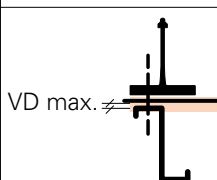
SDK fasteners can be used without depth stop or torque coupling. Only the front unit DS-K 37 is required. The assembler knows the fastener is correctly and securely fitted, when the square spigot sheers off.



Adapter DS-K37

Universal installation adapter for installing the unique SDK fastener (Page 13.12).



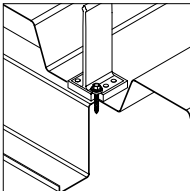

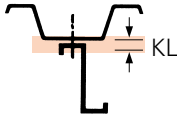


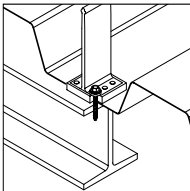
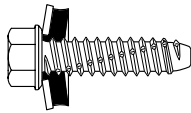
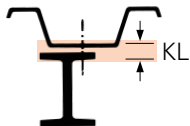
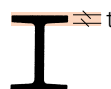

Austenitic stainless steel self drilling fasteners for clip to steel structure

Example/Order code						System and tool information		
Type	Max. drilling capacity VD (mm)	Material S = Stain- less steel	head designs	Thread diameter d (mm)	Overall length L (mm)	Effective thread length KL (mm)	Setting tools and accessories Chapter 13	
SDK 2-	2-	S-	377	6,0×	35		 DI 600	
						Application range	Conformity	
	 SDK2-S-377-6,0×				35 45	6-18 6-28	 Whole ø 6,1 ± 0,1 Steel: VD max.: 1,25 mm t min.: 0,63 mm Alu: VD max.: 2,5 mm t min.: 0,9 mm	Drive bar: Socket DS-K37 Refer to the assembly notes.
	 SDK3-S-377-6,0×				30 45	6-13 6-28	 Whole ø 6,1 ± 0,1 Steel: VD max.: 3,2 mm t min.: 1,2 mm	Drive bar: Socket DS-K37 Refer to the assembly notes.
	 SX3/6-D12-5,5x /12				22 28	6 12	 t min.: VD max.: Steel: VD max.: 3,0 mm t min.: 1,5 mm Alu: VD max.: 3,0 t min.: 2,0	Bit: T25W Depth Locator: Z661/WL
	 SX6/8-D12-5,5x /14				26 32	8 14	 t min.: VD max.: Steel: VD max.: 6,0 mm t min.: 2,0 mm Alu: VD max.: 6,0 t min.: 3,0	Bit holder: ZA 1/4" Universal
	 SX2/18-A16-6,3× /28				35 45	18 28	 VD max.: Steel: VD max.: 2,0 mm t min.: 1,2 mm	Depth locator: Z661

Austenitic stainless steel self tapping fastener for clip to steel structure

Example/Order code

System and tool information

Type	Material S = Stainless steel	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)	Effective thread length KL (mm)	Setting tools and accessories Chapter 13
TDA-S-	S-	S16-	6,3×	25		 Drill bits Page 8.8  DI 600
Application range					Conformity	
	 TDA-S-S16-6,3×			25 32 38	13 20 26	 Determining the overall fastener length L: Thickness of all materials fastened KL+12 mm  Recommended pilot hole diameter for structure: t in mm: pilot hole-Ø in mm: 1,0 – 1,25 4,50 1,5 – 3,0 5,05 
	 TDB-S-S16-6,3×			25 32 38	15 22 28	 Determining the overall fastener length L: Thickness of all the materials fastened KL+10 mm  t min: 3,1 mm Recommended pilot hole diameter for structure: t in mm: pilot hole-Ø in mm: 2,0 – 4,0 5,35 4,1 – 6,0 5,65 6,0 – 10,0 5,80 > 10,0 5,85 



Technical information

SD-D12 and TW-D12

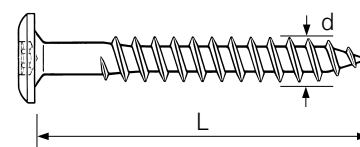
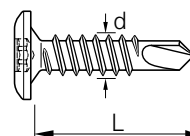
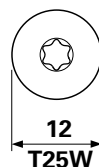
Material:

Plated carbon steel case hardened

Head form: Low profile head 12 mm diameter with T25 drive.


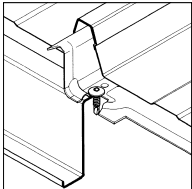
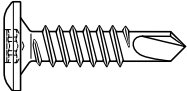
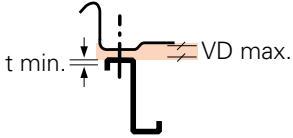

Application:

Fastening clips to steel and timber structure.


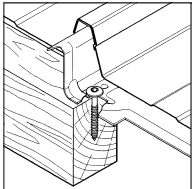
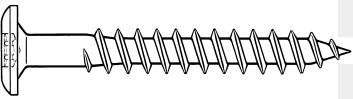
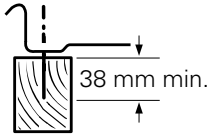

SD-D12**DI 600**

The thinner the purlin or substrate the greater is the chance of the fastener stripping its thread during installation. Purpose designed screwguns and depth locators are available (Page 13.7).

Carbon steel self drilling fasteners for clip to steel structure

Example/Order code					System and tool information	
Type	Max. drilling capacity VD (mm)	Low profile head Ø 12 mm	Thread diameter d (mm)	Overall length L (mm)	Effective thread length KL (mm)	Setting tools and accessories Chapter 13
SD	3–	D12–	5,5×	22		 DI 600
					Application range	Conformity
  SD3–D12–5,5×					22	9   <p>Bit: T25W</p> <p>VD max.: 3,0 mm t min.: 1,2 mm</p>

Carbon steel fasteners for timber structure

Example/Order code					System and tool information	
Type	Material: T=Carbon steel	Low profile head Ø 12 mm	Thread diameter d (mm)	Overall length L (mm)	Max. build up above timber	Setting tools and accessories Chapter 13
TW– T		D12–	6,0×	45		 DI 600
					Application range	Conformity
  TW–T–D12–6,0×					45	7   <p>Bit: T25 W</p>

Austenitic stainless steel self drilling fasteners for composite panels



Austenitic stainless steel self drilling fasteners for composite panels to steel and timber structure



Technical information

SXC, SXCW

Material:

Fastener: Austenitic stainless steel, grade 304 (European Standard 1.4301)

Washer: S = Stainless steel, Grade 304 or 316

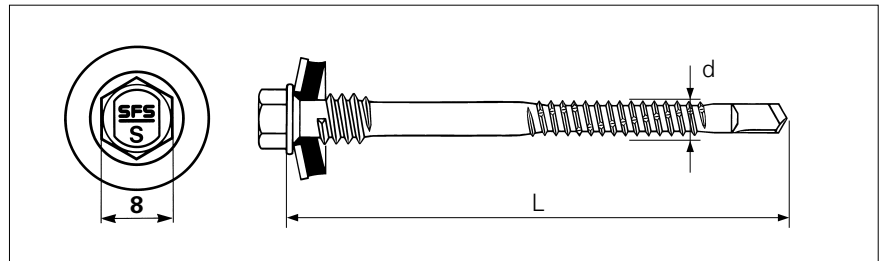
A = Aluminium

with vulcanised EPDM

Drill point: Case hardened, carbon steel

Application:

Fastening composite panels to steel or timber structure. The unique thread free zone underneath the head and stress rings on the shank of the heavy section fastener all ensures a long term problem free fastening.



Purpose designed setting tool

CF 55:

The depth locator and supporting sleeve prevents scratching of the outer panels and reduces the danger of overdriving. (Page 13.5)



Washer Recommendation

Please check the recommendations of the cladding manufacturer.

Rooflights



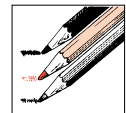
S19 = Ø 19 mm



S19 = Ø 19 mm
S16 = Ø 16 mm



A32 = Ø 32 mm
S29 = Ø 29 mm



Coloured fasteners:

Colour heads are achieved through powder coating.

Austenitic stainless steel self drilling fasteners for composite panel to steel structure

Example/Order code

Type	Max. drilling capacity VD (mm)	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)
SXC	5–	S19*–	5,5×	62

***Select washer to suit application eg:**

S16 for walls, **S19** for walls and roofs

S29 for crown fix rooflights } (Please note the panel

A32 for valley fix rooflights } thickness is reduced by 2 mm)

System and tool information



Coloured
fasteners
(Page 12.2)

Installation tool
Page 13.5

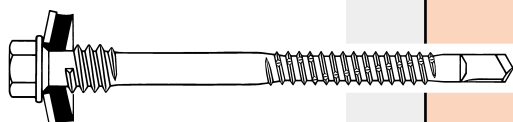
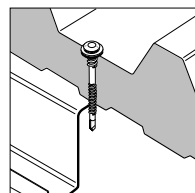


CF 55

Min.-Max.

Application range

Conformity



SXC5–S19*–5,5×

62

77

87

107

130

154

29– 37

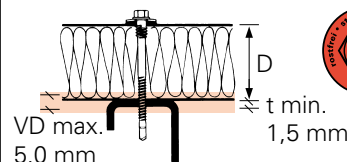
39– 52

49– 62

59– 82

70–102

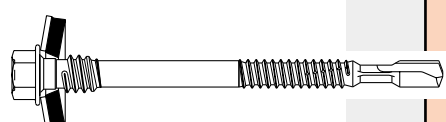
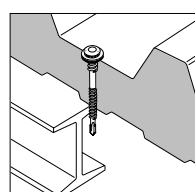
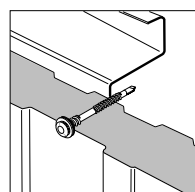
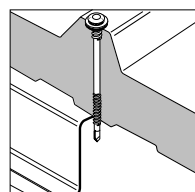
100–132



BS 5427:
pt. 1: 1996
annex A.4.3.
conformity



DTU 40.35
40.36



SXC14–S19*–5,5×

67

76

95

114

134

165

190*

240*

27– 38

39– 48

48– 67

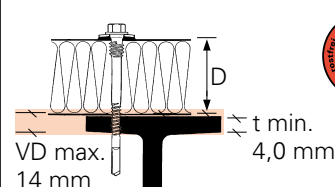
67– 86

85–106

106–135

115–160

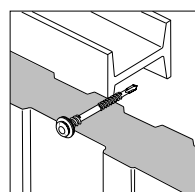
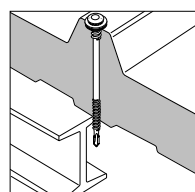
165–210



BS 5427:
pt. 1: 1996
annex A.4.3.
conformity



DTU 40.35
40.36

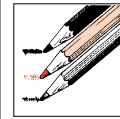


Austenitic stainless steel self drilling fasteners for composite panel to timber structure

Example/Order code

Type	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)	Panel thickness D (mm)
SXCW-	S19*-	6,5×	90	
* Select washer to suit application eg: S16 for walls, S19 for walls and roofs S29 for crown fix rooflights } (Please note the panel A32 for valley fix rooflights } thickness is reduced by 2 mm)				Min.-Max.

System and tool information

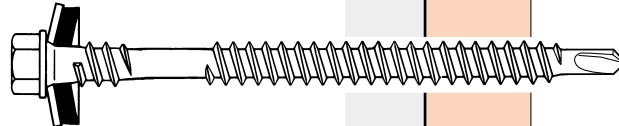
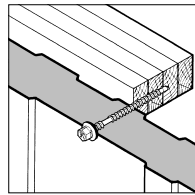


Coloured
fasteners
(Page 12.2)

Installation tool
Page 13.5

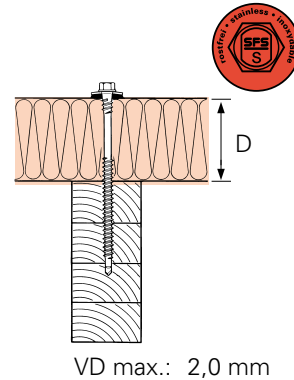


CF 55



SXCW-S19-6,5×

90	28- 37
105	38- 55
115	48- 65
135	68- 85
155	78-105
185	100-135
205	120-155



BS 5427:
pt. 1: 1996
annex A.4.3.
conformity


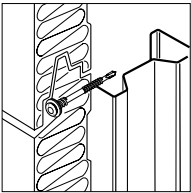
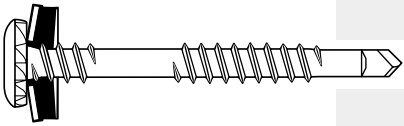
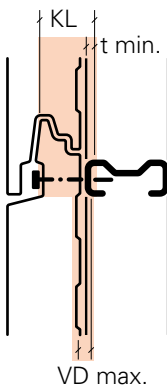

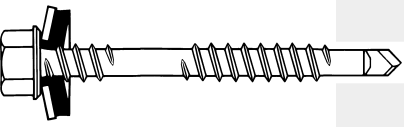
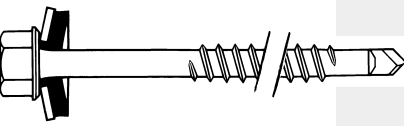
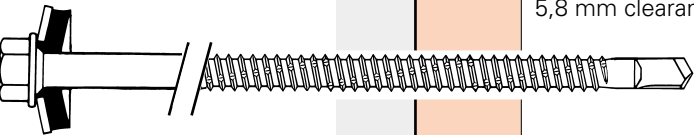


Max. drilling capacity (VD max.)

DTU 40.35
40.36




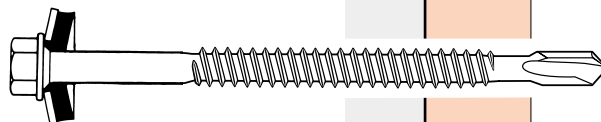
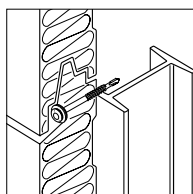
Austenitic stainless steel self drilling fasteners for concealed fixing of architectural wall panels to steel structure

Example/Order code							System and tool information		
Type	Max. drilling capacity VD (mm)	Effective thread length KL (mm)	Drive system <i>irius</i> [®] Ø 12 mm	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)	Effective thread length KL (mm)	Installation tool Page 13.7	
SX 3		/20-34-	L12-	S16-	5,5×	52			
							Min.-Max.	Application range	Conformity
							21-36	 	
							21-34		
							21-44 21-55		
							136-185 177-227		
								VD max.: 3,0 mm t min. steel: 1,2 mm t min. alu: 2,0 mm	
								Pre drill panel with 5,8 mm clearance hole	
								VD max.: 5,0 mm t min. steel: 1,5 mm t min. alu: 2,0 mm	

Austenitic stainless steel self drilling fasteners for concealed fixing of architectural wall panels to steel structure

Example/Order code

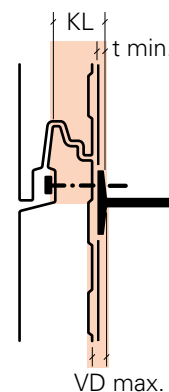
Type	Max. drilling capacity VD (mm)	Effective thread length KL (mm)	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)	Effective thread length KL (mm)	Installation tool Page 13.7
SX	14	/36–	S16–	5,5×	61		 DI 600
						Min.-Max.	Application range
							Conformity



SX14/20–S16–5,5×
/36–
/73–

46
61
98

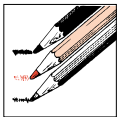

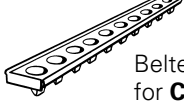
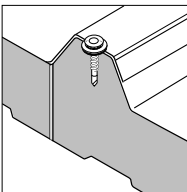
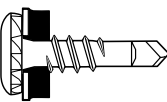
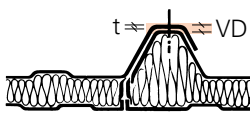

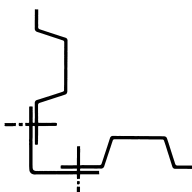
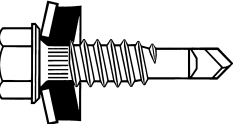
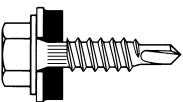
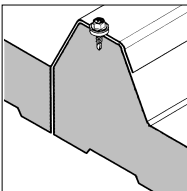
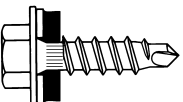
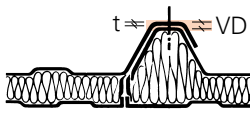

20
5–36
42–73



VD max.: 14,0 mm
t min. steel: 4,0 mm
t min. alu: 4,0 mm

Pre drill panel with
5,8 mm clearance hole

Austenitic stainless steel self drilling fasteners for side lap stitching composite panels

Example/Order code							System and tool information		
Type	Max. drilling capacity VD (mm)	Material: A= Aluminium S= Stainless steel	Drive system <i>irius</i> [®] Ø 12 mm	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)	Sheet thickness t (mm)	 Coloured fasteners (Page 12.2)	 Setting tools and accessories Chapter 13
SXL 2–						22			
SL 2– A–						20		 Belted fasteners for CF 400 (Page 12.3)	
							Application range	Conformity	
			SXL2–L12–S14–5,5×		22		2x0,4 à 2x1,0  VD max.: 2 x 1,0 mm 	 Technical information Page 3.8	
			SXL2–S16–6,3×		25		2x0,4 to 2x1,0		
			SL2–S–S14–4,8×		20		2x0,4 to 2x1,0		
			SL2–A–A14–5,5×		20		2x0,4 to 2x0,9  VD max.: 2 x 0,9 mm 	Only for aluminium sheet and flashing	

Carbon steel self drilling fasteners for composite panels



Carbon steel self drilling fasteners for composite panels to steel and timber structure



Technical information

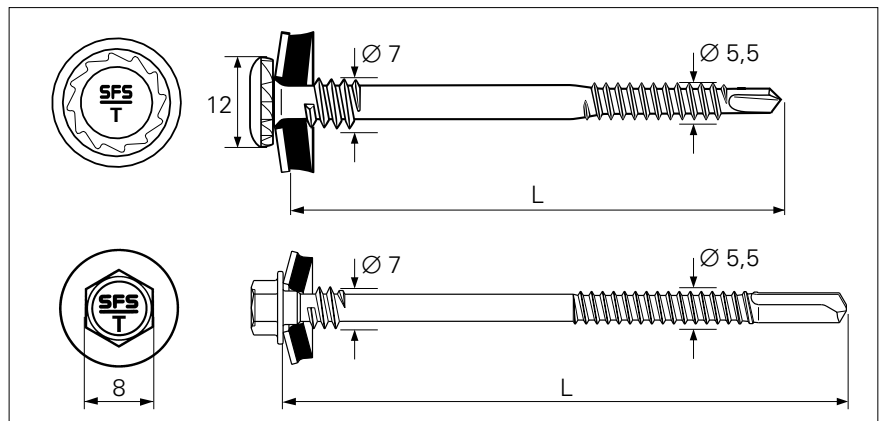
SDT

Material:

Fastener: Carbon steel, case hardened
 Washer: A = Aluminium
 T = Carbon steel with vulcanised EPDM

Application:

Fastening composite panels to steel and timber structure. The unique thread free zone underneath the head ensures the outer sheet are not stripped during tightening.



Purpose designed setting tool CF 55

The SDT is installed perpendicular to the composite panel. The depth locator and screw holder prevents scratching of the outer panel and reduces the danger of overdriving. (Page 13.5)



Washer recommendation:

Please check recommendations of cladding manufacturer.



A19 = Ø 19 mm
 T19 = Ø 19 mm

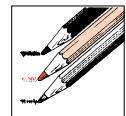


A19 = Ø 19 mm
 A16 = Ø 16 mm
 T19 = Ø 19 mm

Rooflights



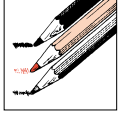

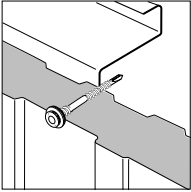
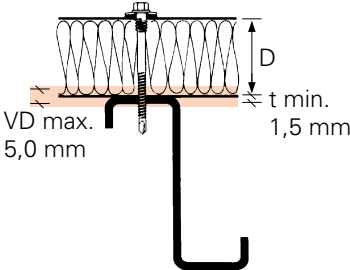

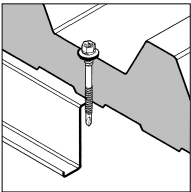


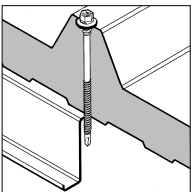
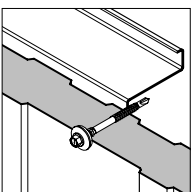
A32 = Ø 32 mm
 S29 = Ø 29 mm



Coloured fasteners:

Colour heads are achieved through powder coating. (Page 12.2)

Carbon steel self drilling fasteners for composite panels to steel structure

Example/Order code						System and tool information		
Type	Max. drilling capacity VD (mm)	Drive system <i>irius</i> [®] Ø 12 mm	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)	Panel thickness D (mm)	Coloured head fasteners (Page 12.2)	Installation tool Page 13.5
SDT 5–		L12–	A19*–	5,5×	67			 CF 55
*Select washer to suit application eg: T19 for walls and roofs S29 for crown fix rooflights } (Please note panel thickness is reduced by 5 mm) A32 for valley fix rooflights }						Min.-Max.	Application range	Conformity
					SDT5–L12–A19*–5,5×	67 77 97 112 137	 VD max. 5,0 mm D t min. 1,5 mm	BS 5427: pt. 1: 1996 annex A.4.3. conformity 
						31– 45		
						39– 55		
						49– 75		
						54– 90		
					SDT5–A19*–5,5×	55 67 77 97 112 137 162 182 226 276	 VD max. 5,0 mm D t min. 1,5 mm	
						27– 33		
						31– 45		
						39– 55		
						49– 75		
						54– 90		
						69–115		
						94–137		
						114–160		
						158–204		
						208–254		

Carbon steel self drilling fasteners for composite panels to steel structure

Example/Order code

Type	Max. drilling capacity VD (mm)	Drive system <i>irius</i> [®] Ø 12 mm	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)
SDT 14–	L12–	A19*–	5,5×	74	

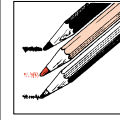
***Select washer to suit application eg:**

T19 for walls and roofs

S29 for crown fix rooflights } (Please note panel

A32 for valley fix rooflights } thickness is reduced by 5 mm)

System and tool information



Coloured head fasteners (Page 12.2)

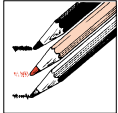
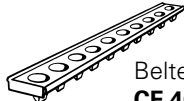

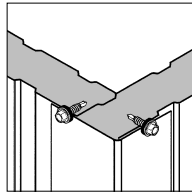
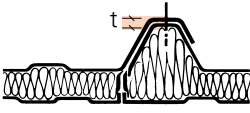

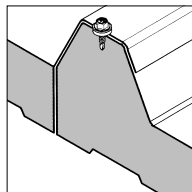
Installation tool
Page 13.5



CF 55

					Min.-Max.	Application range	Conformity
	SDT14–L12–A19*–5,5×				74	38– 48	
					93	48– 67	
					113	68– 87	
					132	87–106	
	SDT14–A19*–5,5×				60	29– 32	
					74	38– 48	
					93	48– 67	
					113	68– 87	
					132	87–106	
					160	94–134	
					186	120–160	
					233	167–207	
					280	214–254	

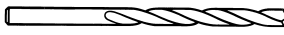

Carbon steel self drilling fasteners for stitching composite panels

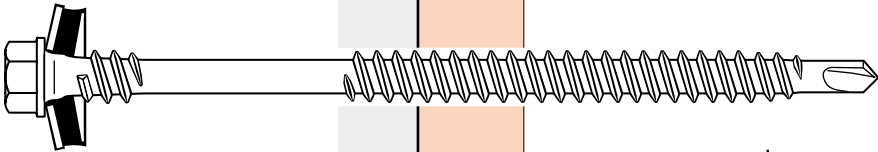
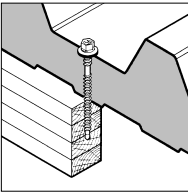
Example/Order code							System and tool information		
Type	Max. drilling capacity VD (mm)	Material T= Carbon steel	Drive system <i>irius</i> ® Ø 12 mm	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)	Steel sheet thickness t (mm)	 Coloured fasteners (Page 12.2)	Setting tools and accessories Chapter 13
SL	2–	T–	L12–	A14–	4,8×	20		 Belted fasteners for CF 400 (Page 12.3)	 DI 600
							Application range	Conformity	
 SL2–T–L12–A14–4,8× 20							2×0,4 à 2×1,0	 	
 SL2–T–A14–4,8× 20							2×0,4 à 2×1,0	Technical information Page 5.11	

Carbon steel self drilling fasteners for composite panel to timber structure

Example/Order code

System and tool information

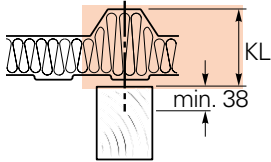
Type	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)	Panel thickness D (mm)	Setting tools and accessories Chapter 13	
SDTW–	A19–	6,3×	75		 Drill bits Page 8.7	 DI 600
* Select washer to suit application eg: T19 for walls and roofs A32 for rooflights (Please note panel thickness is reduced by 2 mm for hexagon head)				Min.–Max.	Application range	Conformity



SDTW–A19–6,3×

75
115
125
135


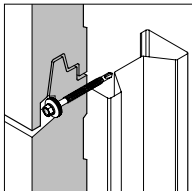
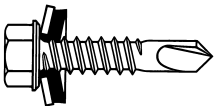
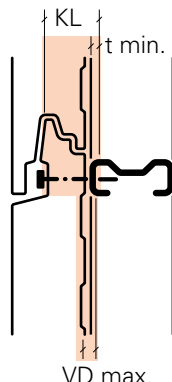

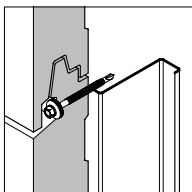
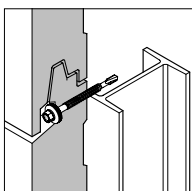
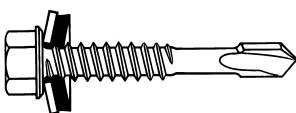
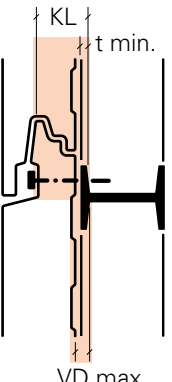

28– 42
68– 82
78– 92
88–102



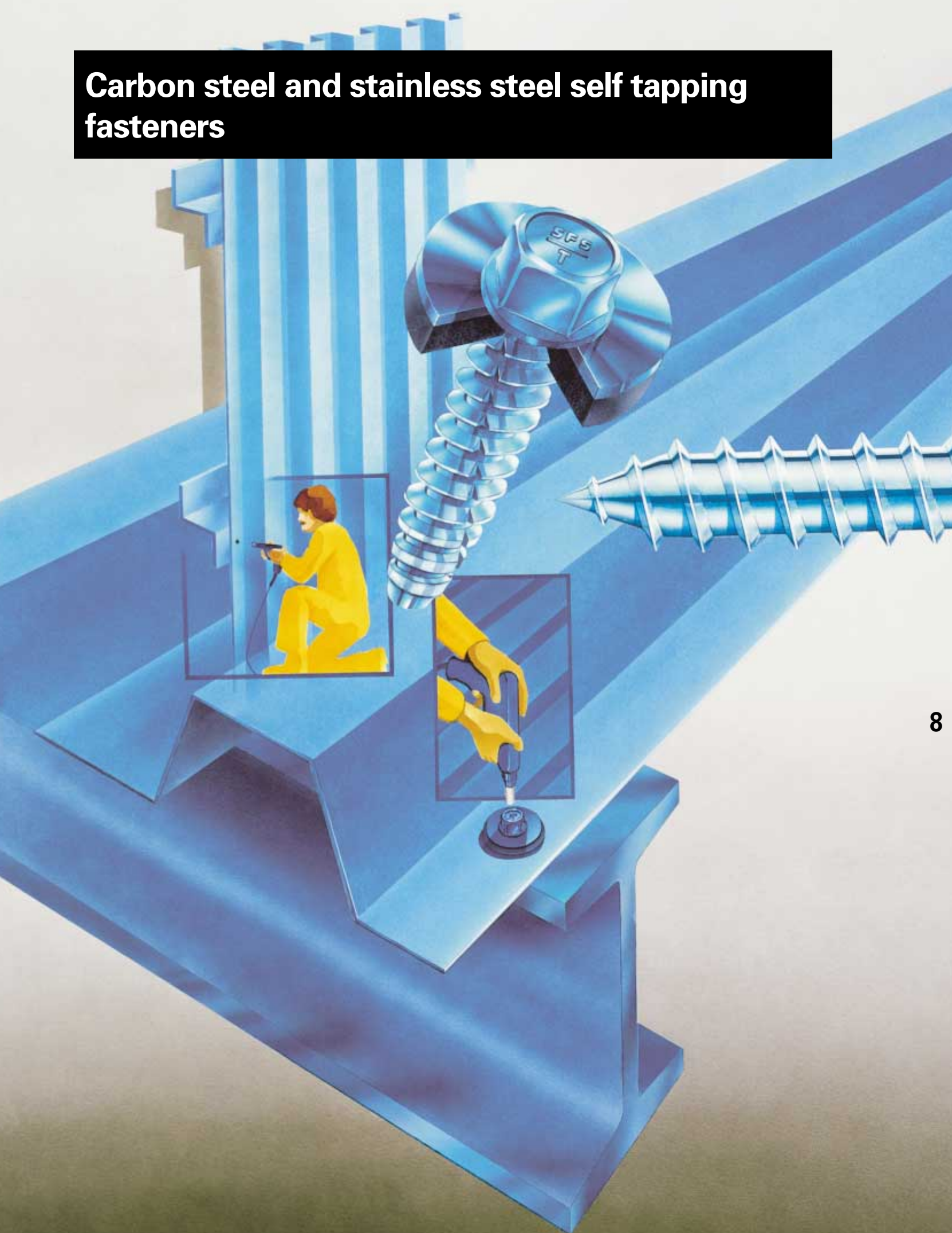
Pre-drill timber with
Ø 4,8 mm pilot hole



Carbon steel self drilling fasteners for concealed fixing of architectural wall panels to steel structure

Example/Order code					System and tool information	
Type	Max. drilling capacity VD (mm)	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)	Effective thread length KL (mm)	Installation tool Page 13.7  DI 600
SD	3–	S16–	5,5×	45		
					Application range	Conformity
	 SD3–S16–5,5×			45	29	 VD max.: 3,0 mm t min.: 1,5 mm 
				60	44	
				70	54	
				80	64	
				100	84	
				110	94	
	 SD14–S16–5,5×			56	5–35	 VD max.: 14,0 mm t min.: 4,0 mm 
				66	15–45	
				76	25–55	
				86	35–65	

Carbon steel and stainless steel self tapping fasteners



Austenitic stainless steel self tapping fasteners for timber and steel structure



Technical information

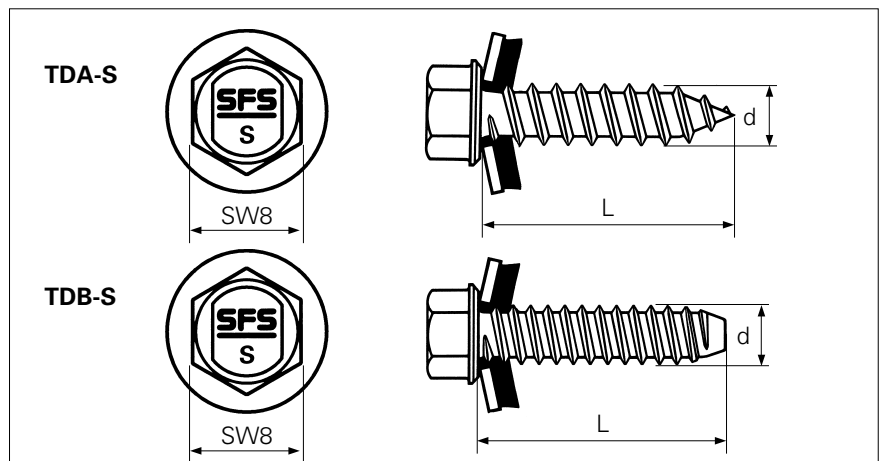
TDA-S / TDB-S

Material:

Fastener: TD-S: Austenitic stainless steel, grade 304
(European Standard 1.4301)
Grade 316 (European Standard 1.4401)*
Washer: S = Stainless steel, grade 304 or 316
A = Aluminium
with vulcanised EPDM

Application:

TDA-S Fastening into timber and steel < 3.0 mm
TDB-S Fastening into steel 3.1 mm and above



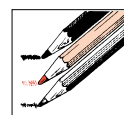
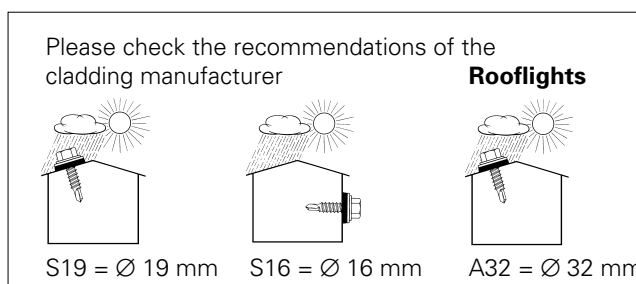
Setting tool for efficient installation:

DI 600 Purpose designed light weight screwgun.



Washer recommendations:

***Special programme:**
Available on request



Coloured fasteners:

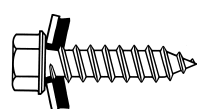
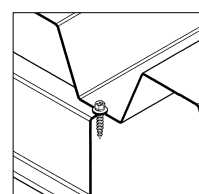
Colour heads are achieved through powder coating.
(Page 12.2)

Austenitic stainless steel self tapping fasteners

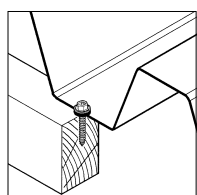
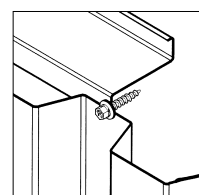
Example/Order code

Type	Material: S=Stainless steel	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)
TDA-	S-	S16*-	6,5×	16

*** Select washer to suit application eg:**
S16 for Walls, **S19** for Roofs
A32 for rooflights (Please note effective thread length is reduced by 2 mm for hexagon head)



TDA-S-S16*-6,5×



* Fasteners up to 76 mm are fully threaded.
Above 76 mm they have a maximum of 76 mm thread length.

16
19
25
32
38
45
51
64
76
90*
100*
115*
127*
152*
178*
200*
215*

4
7
13
20
26
33
39
52
64
78
88
103
115
140
166
188
203

System and tool information



Coloured fastener
(Page 12.2)

Installation tool
Page 13.7



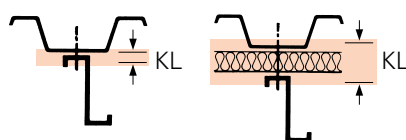
DI 600



Drill bits Page 8.7

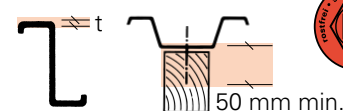
Application range

Conformity



Pre drill sheet and
timber with
4,8 mm pilot hole

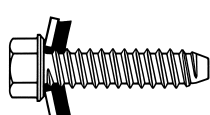
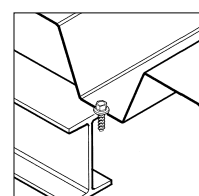
Determining the overall fastener
length L: Thickness of all materials
fastened KL+12 mm



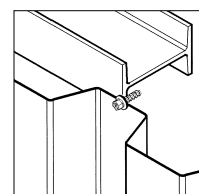
Thickness of the structure
sheet metal, liner trays
min. = 1,0 mm
max. = 3,0 mm

Recommended pilot hole diameter:

t in mm:	pilot hole-Ø in mm:
1,0 – 1,25	4,50
1,5 – 3,00	5,05



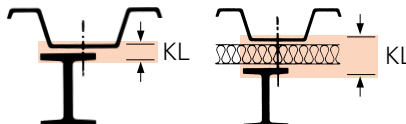
TDB-S-S16*-6,3×



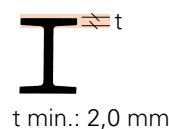
* Fasteners up to 76 mm are fully threaded.
Above 76 mm they have a maximum of 76 mm thread length.

16
19
25
32
38
45
51
64
76
90*
100*
115*
127*
152*
178*
200*
215*

6
9
15
22
28
35
41
54
66
80
90
105
117
142
168
190
205



Determining the overall fastener
length L: Thickness of all the materi-
als fastened KL+10 mm


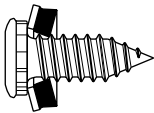

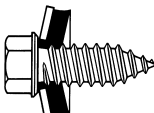


Recommended pilot hole diameter:

t in mm:	pilot hole-Ø in mm:
2,0 – 4,0	5,35
4,1 – 6,0	5,65
6,0 – 10,0	5,80
> 10,0	5,85



Austenitic stainless steel repair fastener

Example/Order code						System and tool information	
Type	Material: S=Stainless steel	Drive system <i>irius</i> ® Ø 12 mm	Washer: Material, Diameter	Thread diameter d (mm)	Length L (mm)	Effective thread length KL (mm)	Installation tool Index 13  or DI 600
TDC– S–		L12–	S19*–	7,1×	19		Application range
 TDC–S–L12–S19*–7,1× 19						9	<p>– Over-torqued fastening in purlin: The Ø 7,1x19 repair fastener can be used to repair overdriven fasteners in purlins. However, in that case the existing hole has to be enlarged to Ø 6,55. Only suitable for steel purlin up to 3 mm.</p> <p>– Over-torqued fastening in side lap applications</p> <ol style="list-style-type: none"> 1. Take out over torqued fastener 2. Insert TDC-S-S19-7,1x19 fastener in the same hole 3. Tighten and seal (carefully tighten using engineers hand brace) 
 TDC–S–S19*–7,1× 19						9	



Technical information

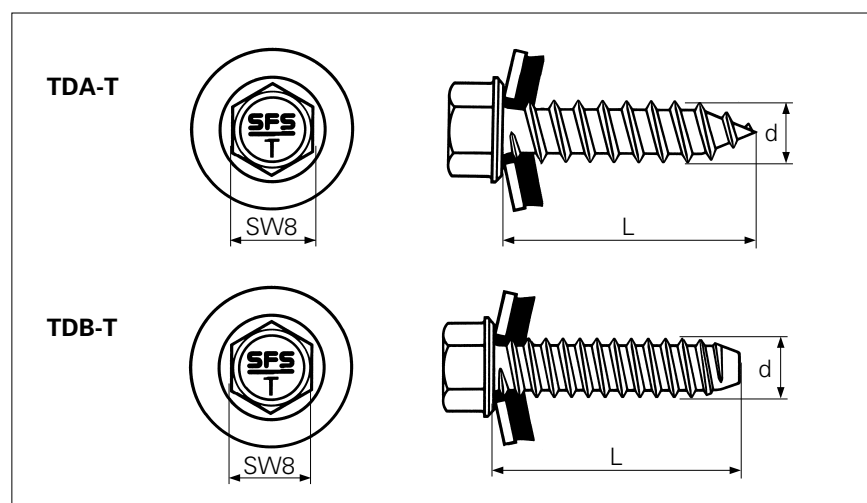
TDA-T / TDB-T

Material:

Fastener: Carbon steel, case hardened
 Washer: T = Carbon steel
 A = Aluminium
 with vulcanised EPDM

Application:

Fastening steel sheet to steel or timber structure.



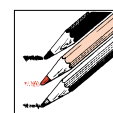
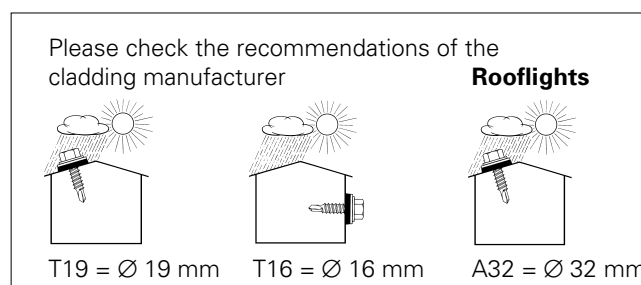
Setting tool for

efficient installation:

DI 600 Purpose designed
 light weight screwgun
 (Page 13.7)



Washer recommendations:



Coloured fasteners:

Colour heads are
 achieved through
 powder coating.
 (Page 12.2)

Carbon steel self tapping fasteners for timber and steel structure

Example/Order code

Type	Material: T=Carbon steel	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)
TDA-	T-	T16*	6,5×	19

*** Select washer to suit application eg:**

T16 for Walls, **T19** for Roofs

A32 for rooflights (Please note effective thread length is reduced by 2 mm for hexagon head)

System and tool information



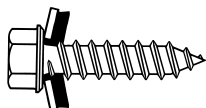
Drill bits Page 8.7

Installation tool
Page 13.7



DI 600

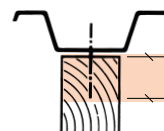
Application range



TDA-T-T16*-6,5×

* Fasteners up to 76 mm are fully threaded.
Above 76 mm they have a maximum
of 76 mm thread length.

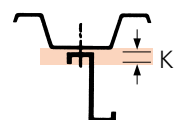
16	4
19	7
25	13
32	20
38	26
45	33
51	39
64	52
76	64
90*	78
100*	88
115*	103
127*	115
152*	140
178*	166
200*	188
215*	203



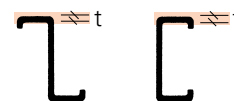
38 mm min.



Pre drill sheet and timber with 4 mm
pilot hole



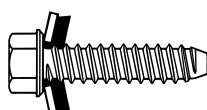
Determining the overall fastener length L:
Thickness of all materials fastened KL+12 mm



Thickness of the structure, sheet metal,
liner trays, etc. minimum = 1,0 mm

Recommended pilot hole diameter:

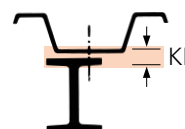
t in mm:	pilot hole-Ø in mm:
1,0 – 1,25	4,50
1,5 – 3,0	5,05



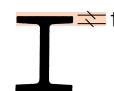
TDB-T-T16*-6,3×

* Fasteners up to 76 mm are fully threaded.
Above 76 mm they have a maximum
of 76 mm thread length.

16	6
19	9
25	15
32	22
38	28
45	35
51	41
64	54
76	66
90*	80
100*	90
115*	105
127*	117
152*	142
178*	168
200*	190
215*	205



Determining the overall fastener
length L: Thickness of all the
materials fastened KL+10 mm



t min.: 2,0 mm

Recommended pilot hole diameter:

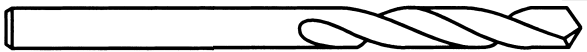
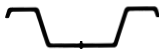


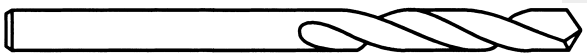
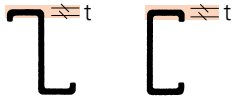
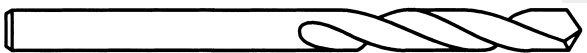
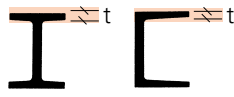

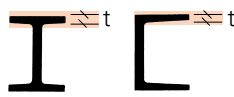
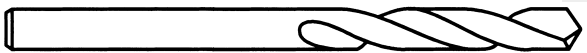
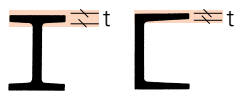
t in mm:	Pilot hole-Ø in mm:
2,00 – 4,00	5,35
4,10 – 6,00	5,65
> 6,00	5,80



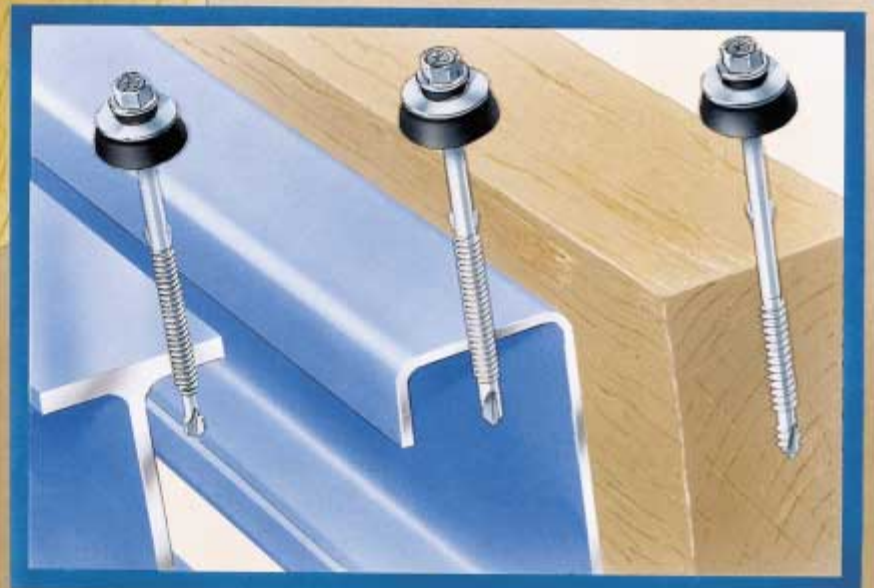
Drill bits for self tapping fasteners

Example/Order code

System and tool information

Example/Order code		Steel thickness	System and tool information
Diameter d (mm)	Overall length L (mm)		SFS intec split point drill bits cuts quicker than conventional drill bits.
5,05×	60		Range of application
	4,5× 60		 <p>Recommended pilot hole-Ø for:</p> <p>t in mm: 1,0 – 1,25 Pilot hole-Ø in mm: 4,50</p>
	4,8× 60		 <p>Pilot hole-Ø in mm: 4,80</p>
	5,05× 60 75 100 125 150	to 3,0 mm	 <p>Recommended pilot hole-Ø for:</p> <p>t in mm: 1,25 – 3,0 Pilot hole-Ø in mm: 5,05</p>
	5,35× 60 100 150 235	3,0 to 4,0 mm	 <p>Recommended pilot hole-Ø for:</p> <p>t in mm: 2,0 – 4,0 Pilot hole-Ø in mm: 5,35</p>
	5,65× 60 75 100 125 235	4,1 to 6,0 mm	 <p>Recommended pilot hole-Ø for:</p> <p>t in mm: 4,1 – 6,0 Pilot hole-Ø in mm: 5,65</p>
	5,8× 60 75 100 125 150 180 200 230 260	> 6,0 mm	 <p>Recommended pilot hole-Ø for:</p> <p>t in mm: > 6,0 Pilot hole-Ø in mm: 5,80</p>

Fastening fibre cement sheet to timber or steel structure





Technical information

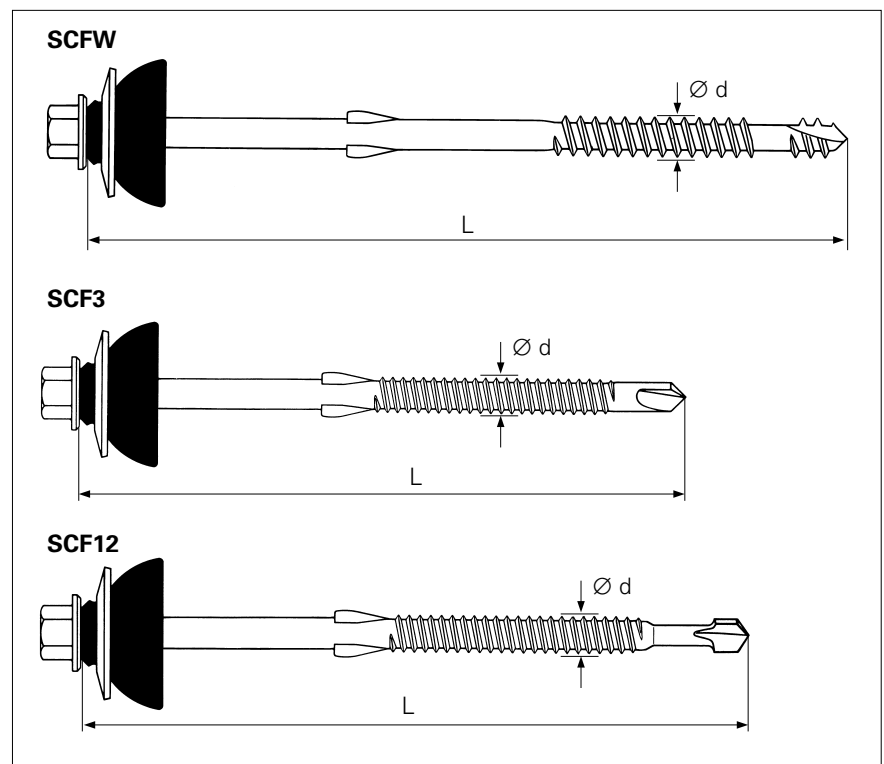
SCF

Material:

SCFW:	Case hardened, carbon steel, hot dipped galvanised
SCFW-S:	Austenitic stainless steel, grade 304 (European Standard 1.4301)
SCF3/SCF12:	Case hardened carbon steel, Durocoat coated
Sealing washer:	EPDM with stainless steel backing washer

Application:

For direct fastening of fibre cement sheet to timber or steel.
The approved fastener and setting tool for securing Eternit UK Profile 6 Roofing Systems.



Installation tool:

CF 40 Recommended and approved by Eternit UK for installing their Profile 6 fibre cement sheets. (Page 13.6)


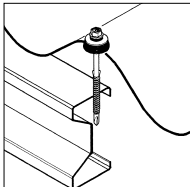
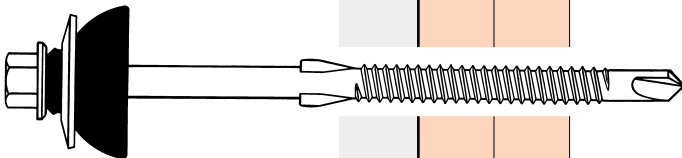
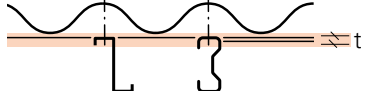

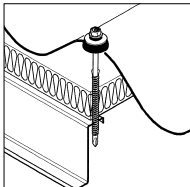
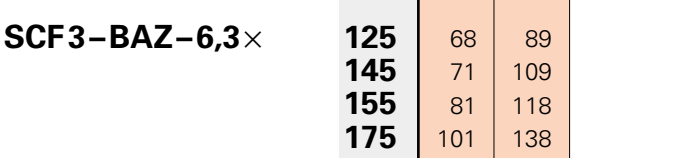
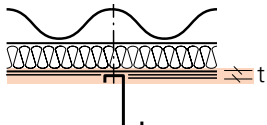
The correct depth locating installation tool must be used, otherwise damage to the roof sheets will be caused and the Eternit guarantee invalidated.



Self drilling fasteners for fibre cement sheet to steel structure

Example/Order code


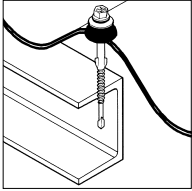
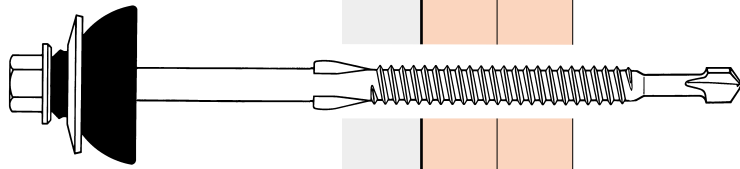

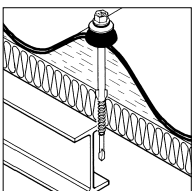
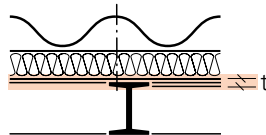
System and tool information

Type	Max. drilling capacity in mm	Sealing washer:	Thread diameter d (mm)	Overall length L (mm)	Build up excluding steel (mm)		Installation tool Page 13.6			
SCF	3–	BAZ–	6,3×	105			 CF 40			
					Min.	Max.	Application range			
							 t min.: 1,5 mm t max.: 3,0 mm			
SCF3–BAZ–6,3×				105	51	71				
				115	61	81				
							 t min.: 1,5 mm t max.: 3,0 mm			
SCF3–BAZ–6,3×				125	68	89	Max. roof pitch: Fastener length upto – 120 mm = 30° max. pitch – 120–140 mm = 20° max. pitch – 140–200 mm = 15 max. pitch			
				145	71	109				
				155	81	118				
				175	101	138				
				195	121	157				
				230	156	191				

Self drilling fasteners for fibre cement sheet to steel structure

Example/Order code


System and tool information

Type	Max. drilling capacity VD (mm)	Sealing washer:	Thread diameter d (mm)	Overall length L (mm)	Build up excluding steel (mm)		Installation tool Page 13.6
SCF	12–	BAZ–	6,3×	110	Min.	Max.	 CF 40
						Application range	
	SCF 12–BAZ–6,3×			110			 t min.: 3,0 mm t max.: 12,0 mm 
				120	51 61	71 81	
	SCF 12–BAZ–6,3×			130	68	89	 t min.: 3,0 mm t max.: 12,0 mm Max. roof pitch: Fastener length upto – 120 mm = 30° max. pitch – 120–140 mm = 20° max. pitch – 140–200 mm = 15 max. pitch
				150	71	109	
				160	81	118	
				180	101	138	
				200	121	157	
				235	156	191	

Self drilling fasteners for fibre cement sheet to timber structure

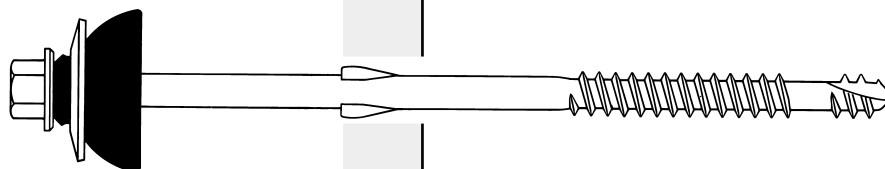
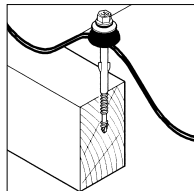
Example/Order code

System and tool information

Type	W=Timber substrate	Sealing washer:	Overall Diameter d (mm)	length L (mm)	Installation tool Page 13.6
SCF	W—	BAZ—	6,5×	130	 CF 40
SCF	W—S=	Austenitic stainless steel grade 304			

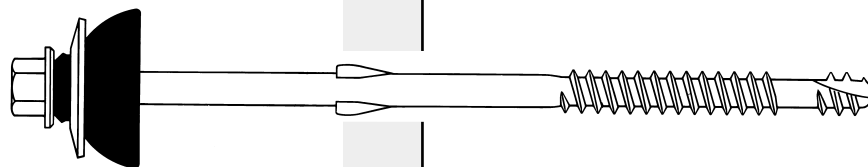
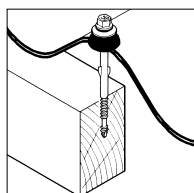
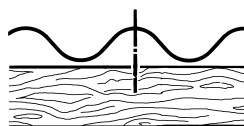
Application range

Application range



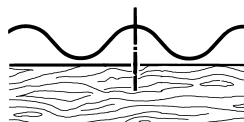
SCFW-BAZ-6,5×

130



SCFW-S-BAZ-6,5×

130



Max. roof pitch:

Fastener length upto

- 120 mm = 30° max. pitch
- 120-140 mm = 20° max. pitch
- 140-200 mm = 15 max. pitch

Austenitic stainless steel self tapping fasteners for fibre cement sheet to steel and timber structure



Technical information

TDC-S / TDB-S

Material:

Fastener: S = Austenitic stainless steel grade 304
(European Standard 1.4301)

Sealing washer: BAZ = EPDM sealing material with
austenitic stainless steel metal washer

Reference:

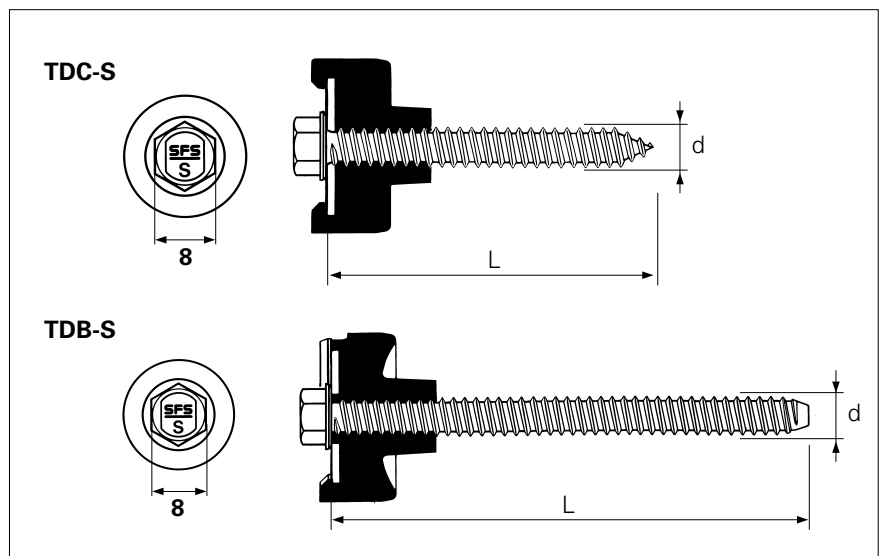
When corrosion resistance is required, we recommend the use of austenitic stainless steel fasteners. Technical advice is available if you are unsure about the suitability.

Application:

For fastening fibre cement sheet to steel or timber structure

TDC-S for use in steel from 1,2 mm to 3 mm and fastening into timber

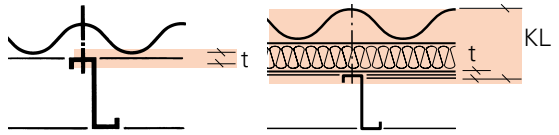
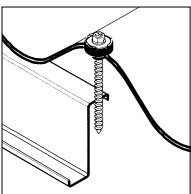
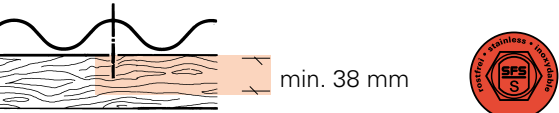
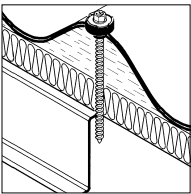
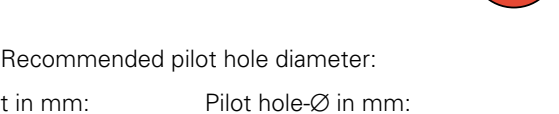
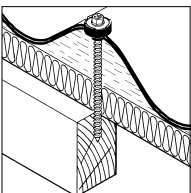
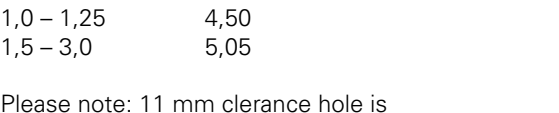
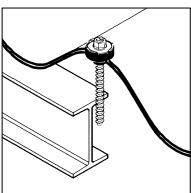
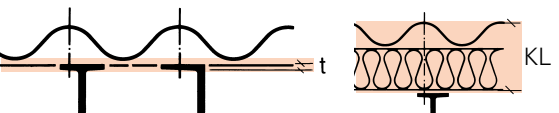
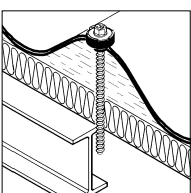


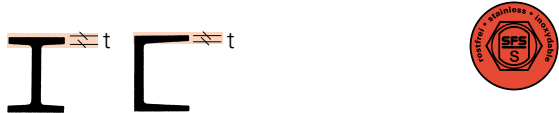

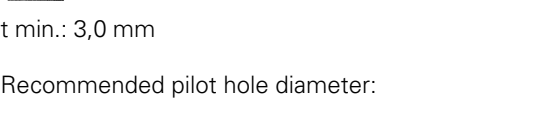
TDB-S for use in steel 3,1 mm and above



Austenitic stainless steel self tapping fasteners for fibre cement sheet to timber and steel structure

Example/Order code

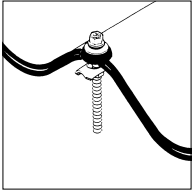
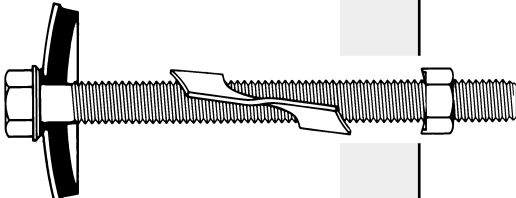



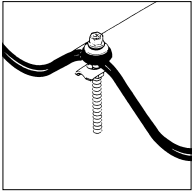
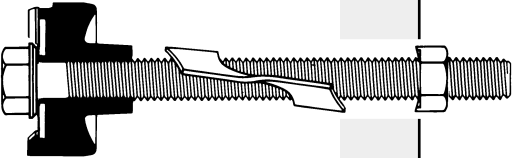
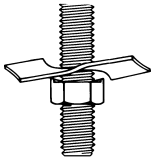


System and tool information

Type	Material: S=Stainless steel	Sealing washer:	Thread diameter d (mm)	Overall length L (mm)	Max. build up excluding steel KL (mm)	Drill bits Page 9.9	Installation tool Page 13.7
TDA-S-BAZ-6,3×	S-	BAZ-	6,3×	90			DI 600
Application range							
							
							
							
							
							
							
							

Holegrip

Example/Order code



System and tool information

Type	Material: S = Stainless steel T = Carbon steel	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)	
HG-	S-	S29/3	6,3×	80	
Application range					
					
	HG-S-S29/3-6,3×		80		
	HG-T-S29/3-6,3×		80		
					
	HG-S-BAZ-6,3×		80		
	HG-T-BAZ-6,3×		80		


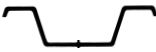


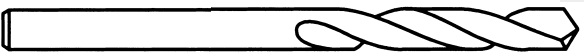
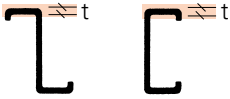

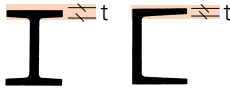

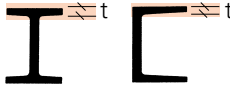

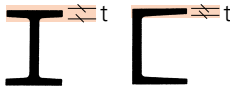
Drill bits for Holegrip

Example/Order code

System and tool information

	Length L (mm)	
 ST-11,0×	150	For use with HG-S and BAZ-washer
 ST-13,0×	150	For use with HG-S and S29/3-washer

Drill bits for self tapping fasteners

Example/Order code			System and tool information	
	Diameter d (mm)	Overall length L (mm)	Steel thickness	SFS intec split point drill bits cuts quicker than conventional drill bits.
	5,05×	60		Range of application
	4,5×	60		 <p>Recommended pilot hole-Ø for:</p> <p>t in mm: Pilot hole-Ø in mm: 1,0 – 1,25 4,50</p>
	4,8×	60		 <p>Pilot hole-Ø in mm: 4,80</p>
	5,05×	60 75 100 125 150	to 3,0 mm	 <p>Recommended pilot hole-Ø for:</p> <p>t in mm: Pilot hole-Ø in mm: 1,25 – 3,0 5,05</p>
	5,35×	60 100 150 235	3,0 to 4,0 mm	 <p>Recommended pilot hole-Ø for:</p> <p>t in mm: Pilot hole-Ø in mm: 2,0 – 4,0 5,35</p>
	5,65×	60 75 100 125 235	4,1 to 6,0 mm	 <p>Recommended pilot hole-Ø for:</p> <p>t in mm: Pilot hole-Ø in mm: 4,1 – 6,0 5,65</p>
	5,8×	60 75 100 125 150 180 200 230 260	> 6,0 mm	 <p>Recommended pilot hole-Ø for:</p> <p>t in mm: Pilot hole-Ø in mm: > 6,0 5,80</p>

Specialist fasteners and rivets






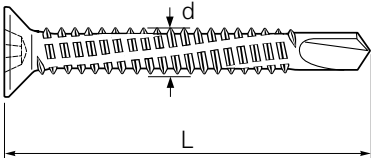

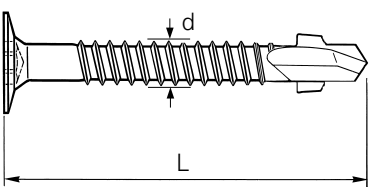

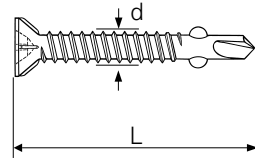
Technical information

SCW / SCN

Material: Coated carbon steel, case hardened
Headform: Countersunk

Application:

Fastening timber battens to steel work in one operation. The head embeds into the timber resulting in a flat finish.

SCW5		
	Pz No 3	
SCW8		
	T30W	
SCN2		
	Ph No 2	




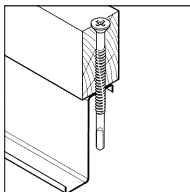
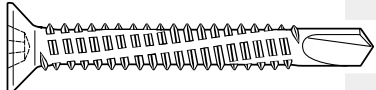
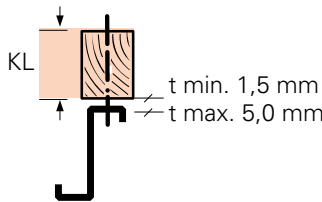
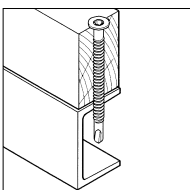
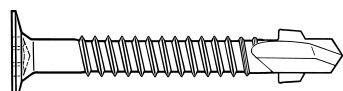
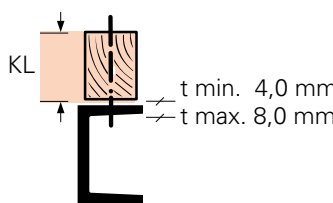
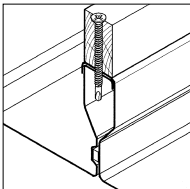
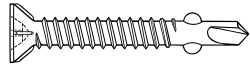
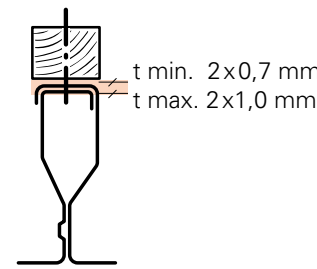
DI 600

Purpose designed lightweight screw-gun (Page 13.7)

Carbon steel self drilling fasteners for steel structure

Example/Order code

System and tool information

Type	Max. drilling capacity VD (mm)	Thread diameter d (mm)	Overall length L (mm)	Build up excluding steel KL (mm)		Setting tools Page 13.7
SCW	5–	6,3×	40			 DI 600
				Min.	Max.	
	 SCW5–6,3×		40	7	29	 KL t min. 1,5 mm t max. 5,0 mm
			50	24	39	
			60	34	49	
			70	44	59	
			80	54	69	
			90	64	79	
			100	74	89	
110	84	100	Bit: Pz No 3			
	 SCW8–5,5×		38	5	19	 KL t min. 4,0 mm t max. 8,0 mm
			55	5	36	
			70	27	51	
			85	42	64	
			115	42	95	
	 SCN2/25–4,2× /55		38	10	25	 t min. 2x0,7 mm t max. 2x1,0 mm
			70	40	55	



Technical information

Bulb-tite®

Material:

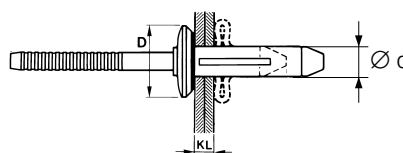
Rivet body: AIMg 5 (Aluminium)
Mandrel: Al Cu Mg 1

Application:

Side lap stitching steel and aluminium sheets together securely.
The three load bearing legs ensure all materials are clamped together.

Speciality:

The fastening is weather resistant due to the integral sealing ring. Additional colour caps are available in various colours to match the profiled sheet.

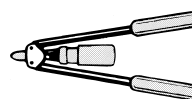


Installation tool for efficient assembling:

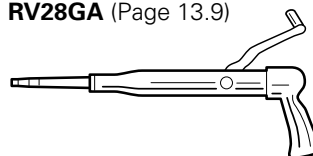
Battery tool
AccuBird®
(Page 13.9)



Lever tools
HN2/BT (Page 13.9)



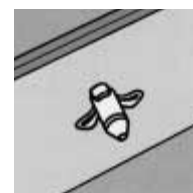
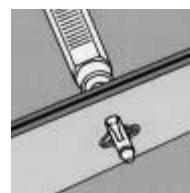
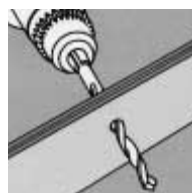
Crank handed tool
RV28GA (Page 13.9)



Lazy tongs
SN2/BT (Page 13.9)



Fixing procedure:



Bulb-tite® rivets

Example/Order code

Type	Rivet diameter in 1/32" d	Max. Grip range in 1/16" KL	EPDM washer
RV6604-	6-	3	W

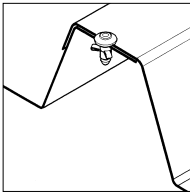
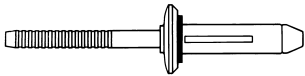
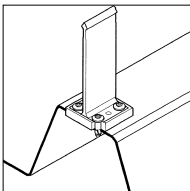
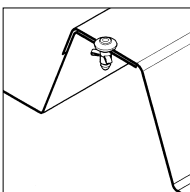
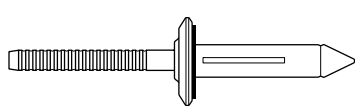
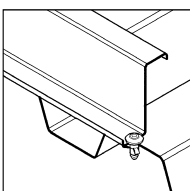
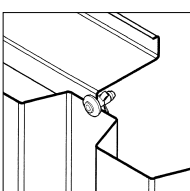
System and tool information

 Drill bits Page 10.11

Installation tools
Page 13.9



AccuBird®

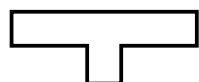
				Min.	Max.	Application range	
		RV6604-6- 3W 4W		0,5 1,5	4,75 6,35	Head diameter D: 11,5 mm Pilot hole: 5,3 mm	
		6W 8W 10W 12W		4,75 8,0 11,0 14,3	9,5 12,7 15,85 19,0		A
		RV6603-9- 6W 10W		1,2 6,3	9,5 12,7	Head diameter D: 15,7 mm Pilot hole: 7,9 mm	
		RV6605-9- 6W 10W		1,2 6,3	9,5 12,7	Head diameter D: 19,4 mm Pilot hole: 7,9 mm Please note if additional sealing washers are assembled, the grip range is reduced by 3 mm.	
							

Loose colour caps for Bulb-tite® rivets

Material: PVC



Colour caps for Bulb-tite® rivets series: 6604-6*
6603-9*



Caps for capping the legs
on the underside of the sheet: 6604-6-U*
6603-6-U*

*Colours:

Please specify colour. Special colours may have extended lead times.

Technical information

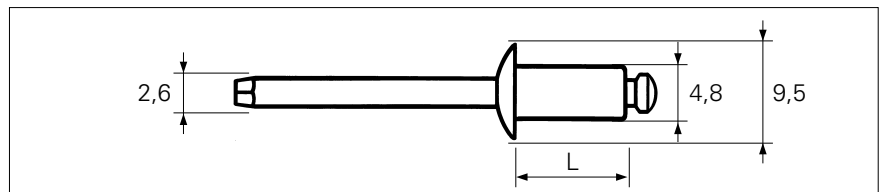
Blind rivets, open and closed end

Material:

Mandrel: Aluminium
Stainless steel
Carbon steel
Rivet: Aluminium
Stainless steel

Application:

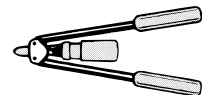
Joining metal to metal in side laps and flashing applications.

**Installation tool:**

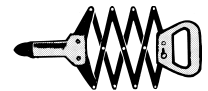
Battery tool
AccuBird®
(Page 13.9)



Lever tools
BZ 50 (Page 13.9)



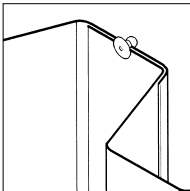
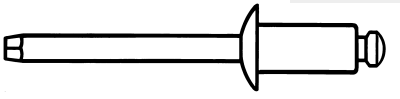
Lazy tongs
BZ 56 (Page 13.9)



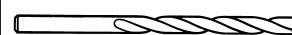
Rivets

Blind rivets

Example/Order code

Eyelet material	Mandrel material	open/closed type	Head form	Code	Grip range (mm)	Rivet Dimension mm Ø x L
*A	T	0-	D-	48600		
 						
Aluminium/Carbon Steel:		ATO-D-48600	1,0- 3,5	4,8x 6,0	Pilot hole Ø 4,9 mm	
		ATO-D-48800	3,5- 5,0	4,8x 8,0		
		ATO-D-48100	3,5- 7,0	4,8x10,0		
		ATO-D-48120	5,0- 8,5	4,8x12,0		
Aluminium/Stainless Steel:		ASO-D-48800	3,5- 5,0	4,8x 8,0		
		ASO-D-48100	3,5- 7,0	4,8x10,0		
		ASO-D-48120	5,0- 8,5	4,8x12,0		
		ASO-D-48140	7,0-10,5	4,8x14,0		
Carbon Steel/Carbon Steel:		TTO-D-48600	1,0- 3,5	4,8x 6,0		
		TTO-D-48800	3,5- 5,5	4,8x 8,0		
		TTO-D-48100	5,5- 6,5	4,8x10,0		
		TTO-D-48140	6,5-11,0	4,8x14,0		
Stainless Steel/Stainless Steel:		SSO-D-48800	1,5- 4,0	4,8x 8,0		
		SSO-D-48100	4,0- 6,0	4,8x10,0		
		SSO-D-48120	6,0- 8,0	4,8x12,0		
Copper/Nickel/Stainless Steel:		CNSO-D-40600	0,5- 3,0	4,0x 6,0		
		CNSO-D-40800	3,0- 5,0	4,0x 8,0		

System and tool information



Drill bits Page 10.11

Installation tool
Page 13.9

* A = Aluminium
T = Carbon Steel
S = Stainless Steel

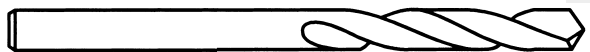


AccuBird®



Drill bits

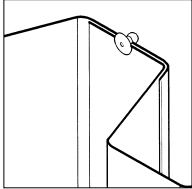
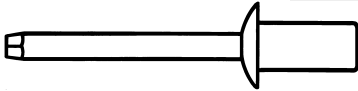

Example/Order code

Overall length L (mm)

Ø Diameter in mm 4,1x 4,9x
60 60

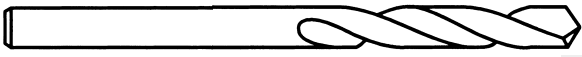
System and tool information

Rivets

Sealed blind rivets

Example/Order code						System and tool information	
Eyelet material	Mandrel material	open/closed type	Head form	Code	Grip range (mm)	Rivet Dimension mm Ø x L	Installation tool Page 13.9
*A	T	C-	D-	48800			Drill bits Page 10.11
 							
Aluminium/Carbon Steel:		ATC-D-48800	1,0– 3,5	4,8x 8,0	Pilot hole Ø 4,9 mm		
		ATC-D-48950	3,5– 5,0	4,8x 9,5			
		ATC-D-48110	5,0– 6,5	4,8x11,0			
		ATC-D-48125	6,5– 8,0	4,8x12,5			
		ATC-D-48140	8,0– 9,5	4,8x14,0			
Aluminium/Stainless Steel:		ASC-D-48800	1,0– 3,5	4,8x 8,0			
		ASC-D-48950	3,5– 5,0	4,8x 9,5			
		ASC-D-48110	5,0– 6,5	4,8x11,0			
		ASC-D-48125	6,5– 8,0	4,8x12,5			
		ASC-D-48140	8,0– 9,5	4,8x14,0			
		ASC-D-48160	9,5–11,0	4,8x16,0			
Carbon Steel/Carbon Steel:		TTC-D-48800	0,5– 3,0	4,8x 8,0			
		TTC-D-48100	3,0– 5,0	4,8x10,0			
		TTC-D-48120	5,0– 6,5	4,8x12,0			
Stainless Steel/Stainless Steel:		SSC-D-48800	0,5– 3,0	4,8x 8,0			
		SSC-D-48100	3,0– 5,0	4,8x10,0			
		SSC-D-48120	5,0– 6,5	4,8x12,0			

Drill bits

Example/Order code	System and tool information
 <p>Ø Diameter in mm 4,9x</p> <p>Overall length L (mm) 60</p>	

Austenitic stainless steel anchors

Example/Order code

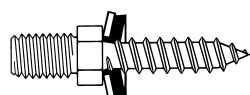
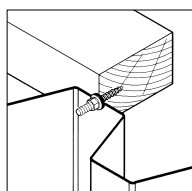
Type	Material: Stainless steel	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)
GA-	AS-	S16-	6,5×	32
$\frac{3}{8}" = 9,5 \text{ mm}$, hexagon head thread: M8				

System and tool information



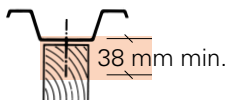
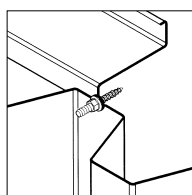
Drill bits Page 8.7

Application range

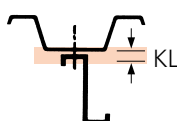


GA-AS-S16-6,5×

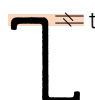
**32
38
45**



Fastening into timber pre-drill sheet and timber with
4,8 mm pilot hole



Selecting the overall length of the fastener L:
Thickness of all materials: KL+12 mm



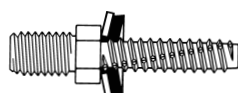
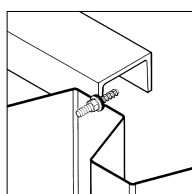
Thickness of the structure

t min. = 1,0 mm

t max. = 3,0 mm

Recommended pilot hole diameter:

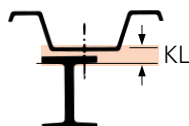
t in mm:	Pilot hole-Ø in mm:
1,0 – 1,25	4,5
1,5 – 3,0	5,05



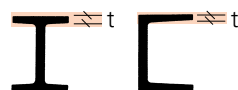
GA-BS-S16-6,3×

**25
32**

Fastening into steel over 3,1 mm.



Selecting the overall length of fastener: KL+10 mm



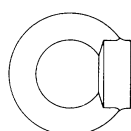
t min.: 3,0 mm

Recommended pilot hole diameter:

t in mm:	Pilot hole-Ø in mm:
2,0– 4,0	5,35
4,1– 6,0	5,65
6,0–10,0	5,80
> 10,0	5,85

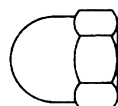


Eye nut/Acorn nut



Eye nut


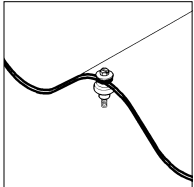
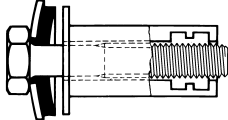
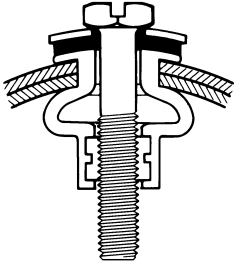

Carbon steel, 25 mm Ø
Stainless steel, 25 mm Ø




Acorn nut

Stainless steel

Stitching fasteners for GRP and PVC rooflights

Example/Order code					System and tool information		
Type	Material: S= Stainless steel	Washer: Material, Diameter	Thread diameter d (mm)	Overall length L (mm)	Grip range (mm)		Setting tools and accessories Chapter 13
LL	S-	S16-	9,5×	25			 DI 600 Socket E 380 or E 311
					Min.	Max.	Application range
  LL-S-S16-9,5×					25	2	15
					 		
					The lap-lox is a purpose developed GRP/PVC grommet fastener. The EPDM grommet is designed to pull the materials together without overdriving and cracking of the sheet. The Sela lap-lox in poppy red is recommended for meeting manufacturers recommendations in respect of the CDM and building regulations. Pilot hole Ø 9,5 mm		


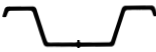


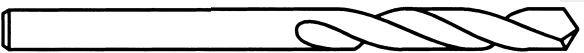




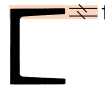

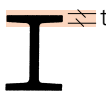
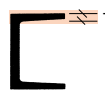

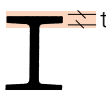
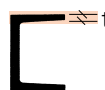
Drill bit for LLP and LL Lap-lox

Example/Order code		System and tool information
 Ø Diameter in mm 9,5×		Overall length L (mm) 75

Drill bits for self tapping fasteners

Example/Order code

System and tool information

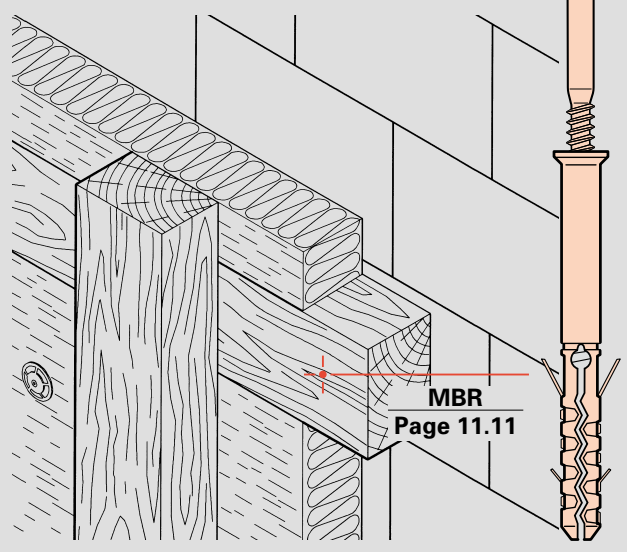
Example/Order code		Steel thickness	System and tool information
Diameter d (mm)	Overall length L (mm)		
5,05×	60		SFS intec split point drill bits cuts quicker than conventional drill bits.
			Range of application
	4,5× 60		 <p>Recommended pilot hole-Ø for:</p> <p>t in mm: Pilot hole-Ø in mm: 1,0 – 1,25 4,50</p>
	4,8× 60		 Pilot hole-Ø in mm: 4,80
	5,05× 60 75 100 125 150	to 3,0 mm	  <p>Recommended pilot hole-Ø for:</p> <p>t in mm: Pilot hole-Ø in mm: 1,25 – 3,0 5,05</p>
	5,35× 60 100 150 235	3,0 to 4,0 mm	  <p>Recommended pilot hole-Ø for:</p> <p>t in mm: Pilot hole-Ø in mm: 2,0 – 4,0 5,35</p>
	5,65× 60 75 100 125 235	4,1 to 6,0 mm	  <p>Recommended pilot hole-Ø for:</p> <p>t in mm: Pilot hole-Ø in mm: 4,1 – 6,0 5,65</p>
	5,8× 60 75 100 125 150 180 200 230 260	> 6,0 mm	  <p>Recommended pilot hole-Ø for:</p> <p>t in mm: Pilot hole-Ø in mm: > 6,0 5,80</p>

Fastening for rainscreen cladding

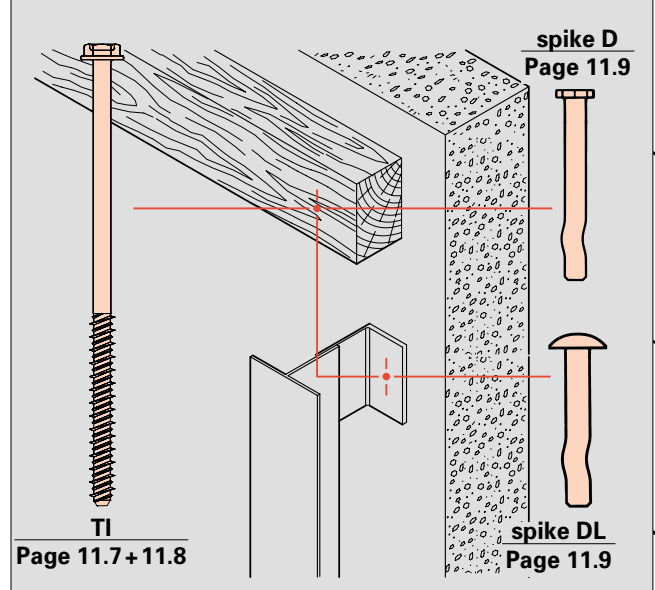


Application index for rainscreen claddings

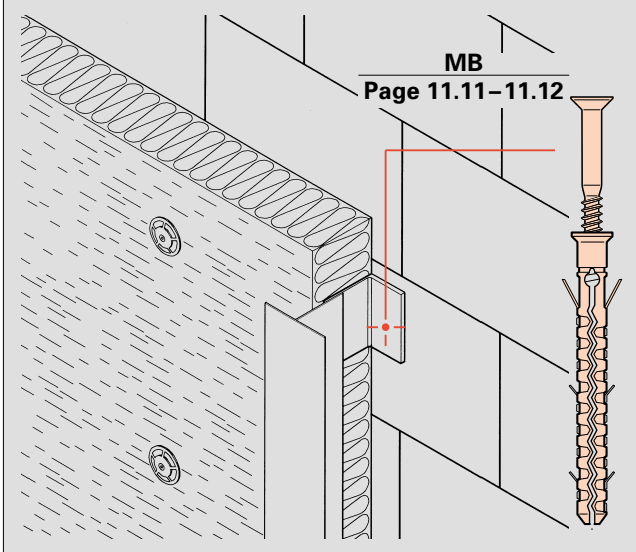
Timber batten to concrete or brickwork



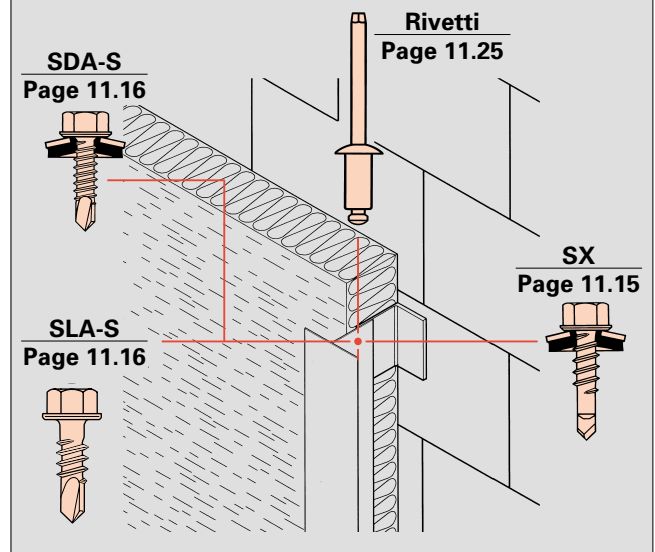
Wood frame to concrete

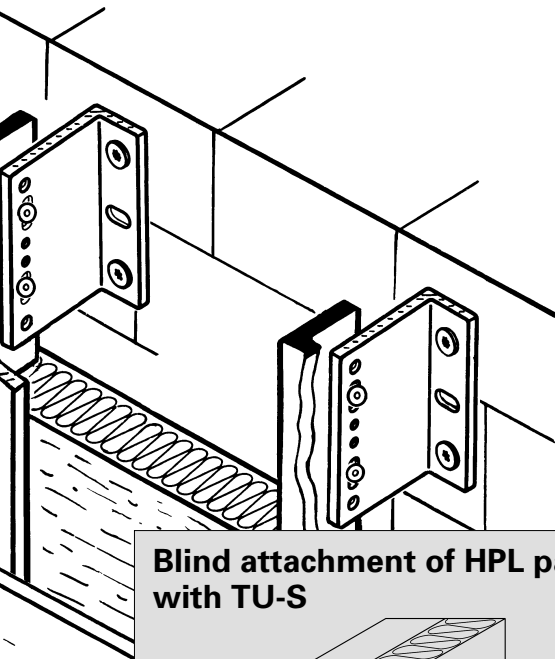


Aluminium framework to concrete or brickwork

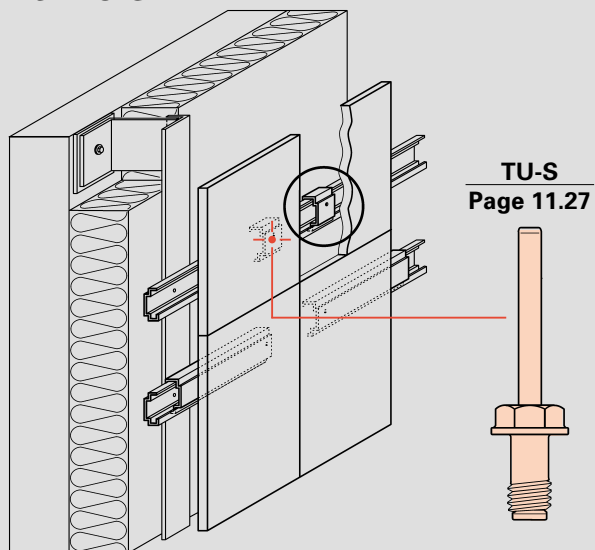


Aluminium or steel to aluminium or steel framework

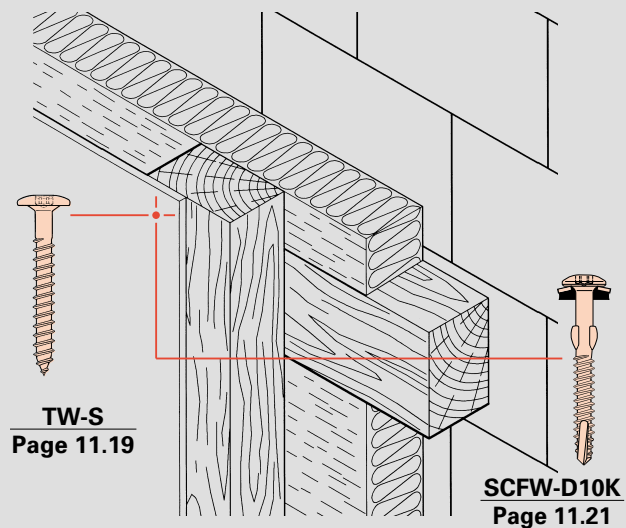




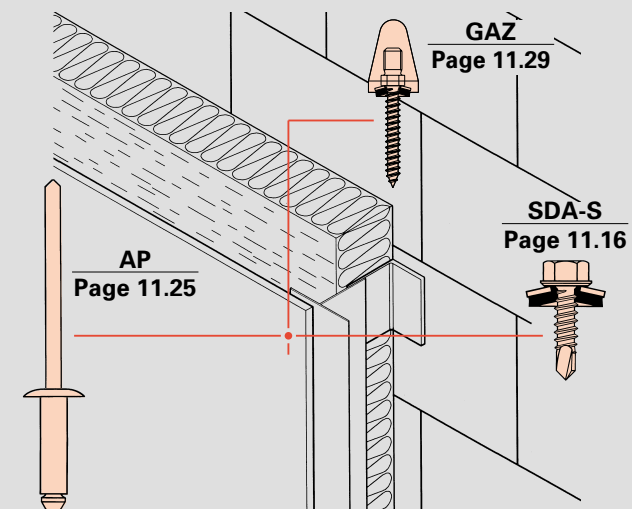
Blind attachment of HPL panels with TU-S



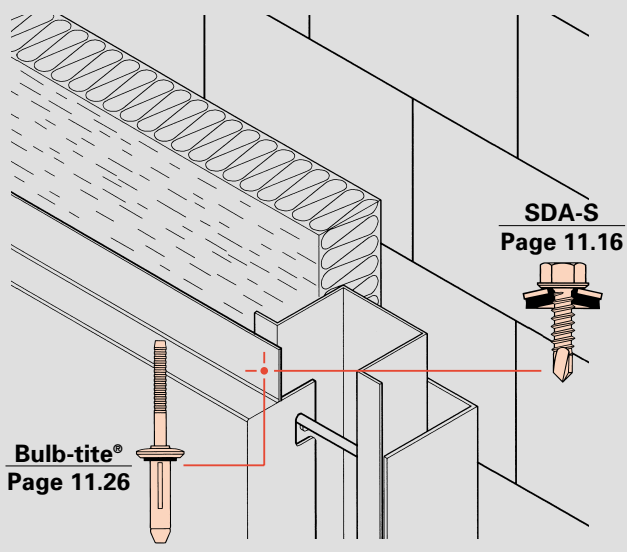
High performance cladding panel to timber batten



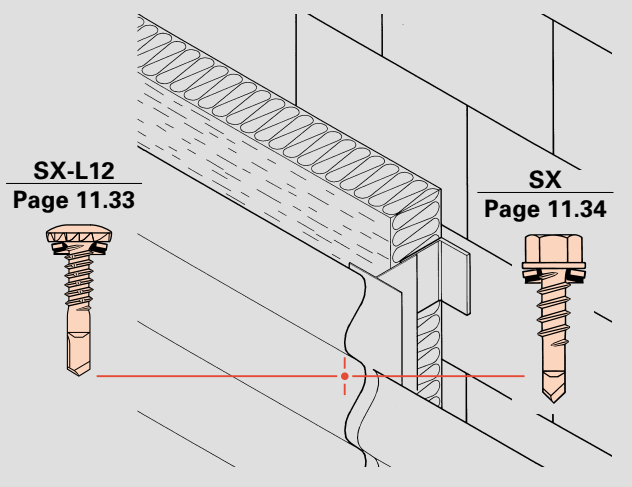
High performance cladding to aluminium or steel framework



Aluminium sections to aluminium framework



Architectural profile sheet to aluminium or steel structure



Self tapping fasteners for timber batten to concrete and brickwork



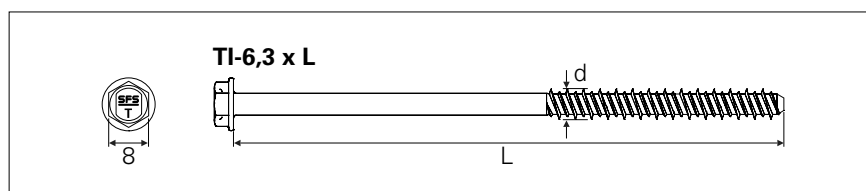


Technical information

TI

Material: S = Austenitic stainless steel, grade 304
(European Standard 1.4301)
T = Carbon steel with permaseal coating

Application:
Fastening steel, aluminium and timber battens to concrete and brickwork.



DB 620
Pneumatic
Hammer drilling
machine
Page 13.8

Austenitic stainless steel self tapping fasteners for concrete

Example/Order code

Type	Material: S=Stainless steel	Thread diameter d (mm)	Overall length L (mm)
TI-	S-	6,3×	32

Alternative washers:

* **S16** for walls

S19 for roofs

(Please note build up is reduced by 2 mm when assembled with a washer)

System and tool information

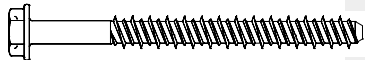
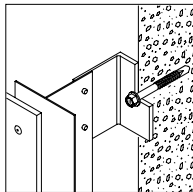
Drill bit included in box of 100

Setting tool
Page 13.8



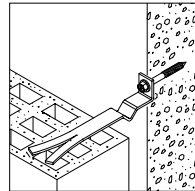
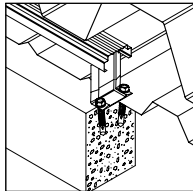
DB 620

Application range

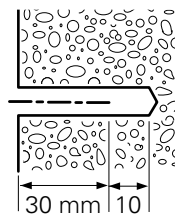


TI-S-6,3×

32*
45
57
70



2
15
27
40



10 mm deeper
than embedment



- Min. embedment 30 mm
- Special tolerance drill bit supplied in box
- Not suitable for brickwork

Carbon steel self tapping fasteners for concrete and brickwork

Example/Order code

Type	Material: T = Carbon steel	Thread diameter d (mm)	Overall length L (mm)
TI-	T-	6,3×	32

Alternative washers:

* T16

T19

(Please note build up is reduced by 2 mm when assembled with a washer)

System and tool information



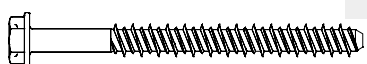
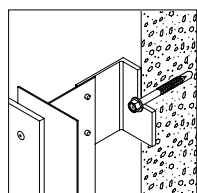
Drill bit included in each box of 100

Setting tool
Page 13.8



DB 620

Application range



TI-T-6,3×

32

45

55

65

75

85

7

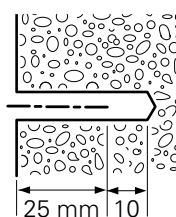
20

30

40

50

60



25 mm min. for non structural performance. Otherwise 30 mm.

10 mm deeper than embedment

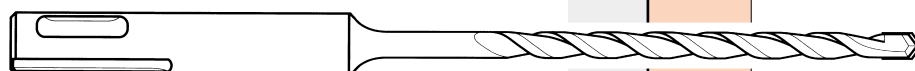
- Min. embedment 25 mm
- Drill 10 mm deeper than embedment

Drill bits

Example/Order code

Drill bits SDS	Lenght L (mm)
----------------	---------------------

System and tool information



SDS-

4,8×

110

50

160

100

210

150

260

200




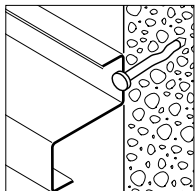
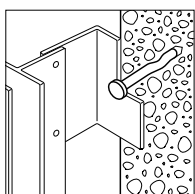

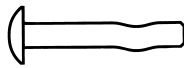
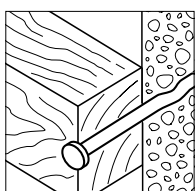
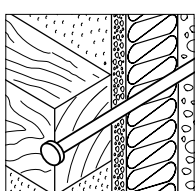

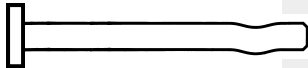
310

250

Fastening of terminationbars and flashings to concrete

Example/Order code

System and tool information

Type	Build-up thickness (mm)	Diameter d (mm)	Length L (mm)	Build-up thickness KL max. (mm)	
DL	03–	4,8×	25		
					Hammer drill DB 620 Page 13.8
					
					
					Drill bits, Page 11.11
					
					Drill bits
 	 				
		DL03–4,8×	25	3	4,8 x 110
		DL10–4,8×	32	10	110
		DL16–4,8×	38	16	160
		DL29–4,8×	51	29	160
		DL38–4,8×	60	38	160
		DL48–4,8×	70	48	160
		DL60–4,8×	82	60	160
 	 				
		D 32–4,8×	64	32	4,8 x 160
		D 44–4,8×	76	44	160
		D 57–4,8×	89	57	210
		D 70–4,8×	102	70	210
		D 83–4,8×	115	83	210
		D108–4,8×	140	108	260
		D120–4,8×	152	120	260



Technical information

Facade anchors

Material:

Anchor sleeve: High value Polyanide

Screw: S = Stainless steel, grade 316 (European Standard 1.4401)

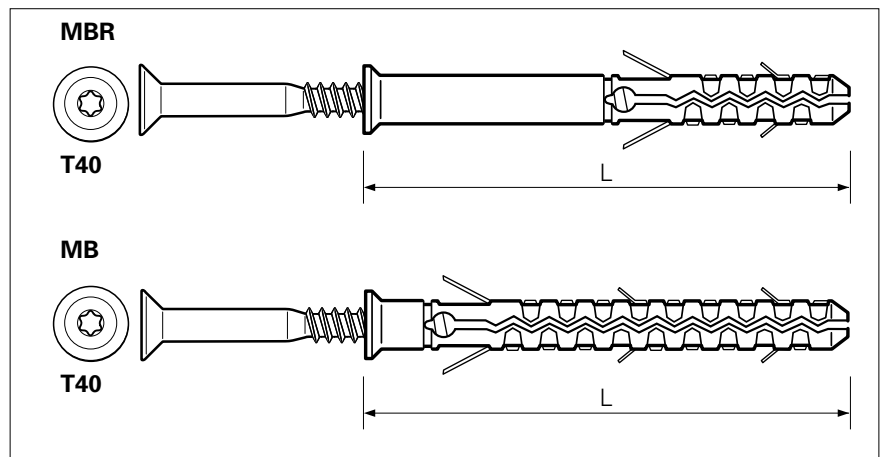
T = Steel 5.8, electrogalvanize

Drive: Torx T40

Application:


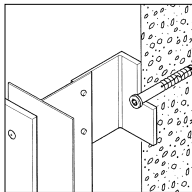
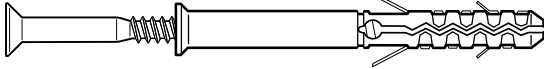
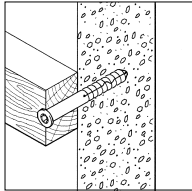
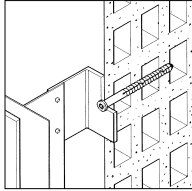

Anchoring facade structure of metal or timber

- concrete
- solid brick
- vertically perforated brick
- chalky sandstone
- chalky perforated sandstone
- hollow concrete
- full brick of light concrete
- foam mortar

**Setting tool for efficient installation:****DB 620**

Hammer drill with SDS
(Page 12.8)

Anchoring structure onto supporting structure

Order example/Order code						Additional information			
	max. Clamping- length (mm)	Material: S= Stainless	Drive Torx	Dia- meter d (mm)	Length L (mm)	Material		Drill hammer Page 12.8	
MBR 10–		S–	T40–	10×	60				
MBR 10–			T40–	10×	60				
						Anchoring depth min. (mm)	Fastening thickness max. (mm)	Area of application	Licence
									
	MBR 10–S–T40–10×					60			
	MBR 30–S–T40–10×					80			
							50		
	MBR 10–					60			
	MBR 30–					80			
							10		
							30		
	MBR 50–S–T40–10×					100			
	MBR 70–S–T40–10×					120			
	MBR 90–S–T40–10×					140			
	MBR 110–S–T40–10×					160			
	MBR 50–					100			
	MBR 70–					120			
	MBR 90–					140			
	MBR 110–					160			
	MB 10–S–T40–10×					80			
	MB 30–S–T40–10×					100			
	MB 50–S–T40–10×					120			
							90		
	MB 10–					80			
	MB 30–					100			
	MB 50–					120			
							10		

Anchoring the structure onto the supporting structure

Order example/Order code

	max. Clamping length (mm)	Material: S= Stainless	Drive Torx	Dia- meter d (mm)	Length L (mm)
MBR	50–	S–	T40–	10×	120
MBR	50–		T40–	10×	120



Additional information

Drill hammer
Page 12.8



			Anchoring depth min. (mm)	Fastening thickness max. (mm)	Area of application	Licence										
		<table><tr><td>MB 50-S-T40-10×</td><td>120</td></tr><tr><td>MB 70-S-T40-10×</td><td>140</td></tr><tr><td>MB 90-S-T40-10×</td><td>160</td></tr><tr><td>MB 130-S-T40-10×</td><td>200</td></tr></table>	MB 50-S-T40-10×	120	MB 70-S-T40-10×	140	MB 90-S-T40-10×	160	MB 130-S-T40-10×	200	90	50 70 90 130	Vertically perforated rock Chalky perforated sandstone Hollow concrete Full brick of light concrete			
MB 50-S-T40-10×	120															
MB 70-S-T40-10×	140															
MB 90-S-T40-10×	160															
MB 130-S-T40-10×	200															
		<table><tr><td>MB 50-T40-10×</td><td>120</td></tr><tr><td>MB 70-T40-10×</td><td>140</td></tr><tr><td>MB 90-T40-10×</td><td>160</td></tr><tr><td>MB 130-T40-10×</td><td>200</td></tr></table>	MB 50-T40-10×	120	MB 70-T40-10×	140	MB 90-T40-10×	160	MB 130-T40-10×	200					50 70 90 130	
MB 50-T40-10×	120															
MB 70-T40-10×	140															
MB 90-T40-10×	160															
MB 130-T40-10×	200															
		<table><tr><td>MB 10-S-T40-10×</td><td>80</td></tr><tr><td>MB 50-S-T40-10×</td><td>120</td></tr><tr><td>MB 70-S-T40-10×</td><td>140</td></tr><tr><td>MB 90-S-T40-10×</td><td>160</td></tr><tr><td>MB 130-S-T40-10×</td><td>200</td></tr></table>	MB 10-S-T40-10×	80	MB 50-S-T40-10×	120	MB 70-S-T40-10×	140	MB 90-S-T40-10×	160	MB 130-S-T40-10×	200	100	10 50 70 90 130	Foam martar	
MB 10-S-T40-10×	80															
MB 50-S-T40-10×	120															
MB 70-S-T40-10×	140															
MB 90-S-T40-10×	160															
MB 130-S-T40-10×	200															
		<table><tr><td>MB 10-T40-10×</td><td>80</td></tr><tr><td>MB 50-T40-10×</td><td>120</td></tr><tr><td>MB 70-T40-10×</td><td>140</td></tr><tr><td>MB 90-T40-10×</td><td>160</td></tr><tr><td>MB 130-T40-10×</td><td>200</td></tr></table>	MB 10-T40-10×	80	MB 50-T40-10×	120	MB 70-T40-10×	140	MB 90-T40-10×	160	MB 130-T40-10×	200	10 50 70 90 130			
MB 10-T40-10×	80															
MB 50-T40-10×	120															
MB 70-T40-10×	140															
MB 90-T40-10×	160															
MB 130-T40-10×	200															

Drill bits

Hammer drill with SDS	Length L (mm)	max. Drill depth (mm)	Wettershale
 Ø Diameter 10×	160	100	 Torx T40
	210	150	
	260	200	
	310	250	

**Austenitic stainless steel self drilling fasteners
for steel and aluminium framework**



Austenitic stainless steel self drilling fasteners for steel and aluminium framework



Technical information

SX/SLA-S

Material:

Fastener:	SX =	Austenitic stainless steel, grade 304 (European Standard 1.4301).
		Grade 316 (European Standard 1.4401)*
	SLA-S =	Austenitic stainless steel, grade 316 (European Standard 1.4401)
Sealing washer:	S =	Stainless steel, grade 304 or 316
	A =	Aluminium
		With vulcanised EPDM
Drill point:	SX =	Case hardened, carbon steel
	SLA-S =	milled drill point

Application:

Fastening aluminium framework together and steel framework together within over cladding and curtain wall applications.

* Special programme:

Available on request in fastener types SX3 and SX6 only

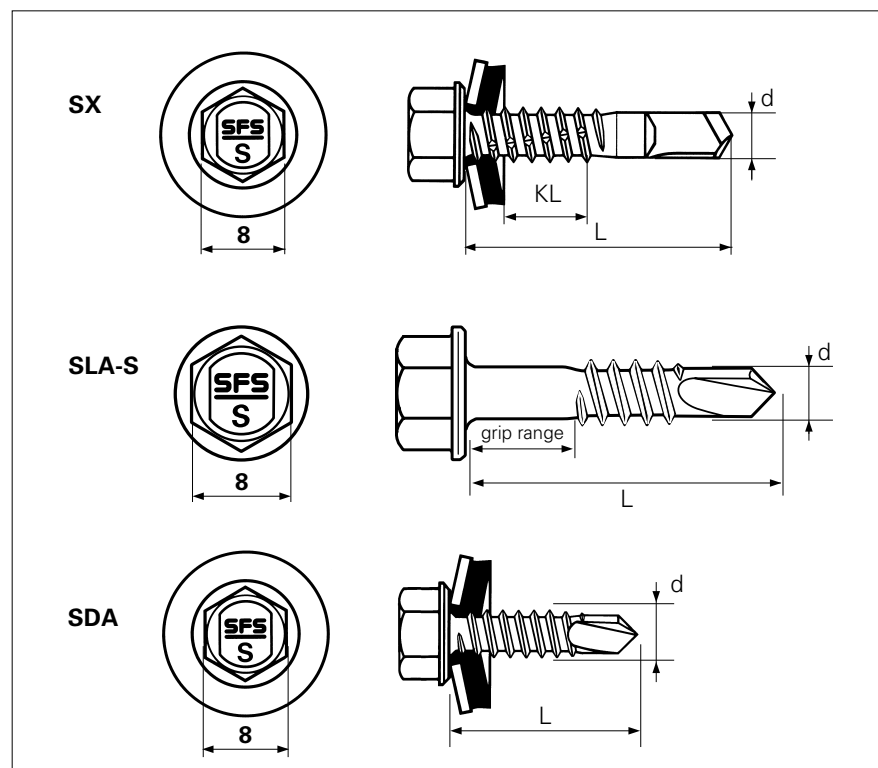


DI 600 Purpose designed lightweight screwgun (Page 13.7)



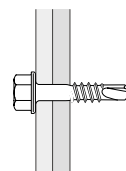
Installation tools:

CF 400 Automatic setting tool for belted fasteners. (Page 13.4)

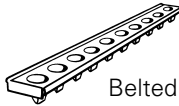

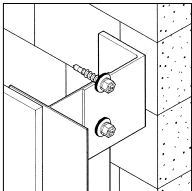
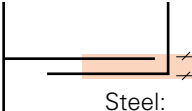

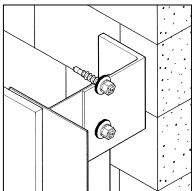
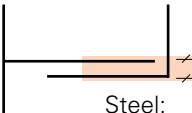

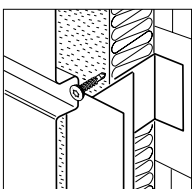
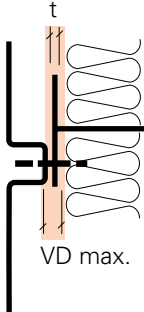

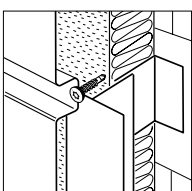
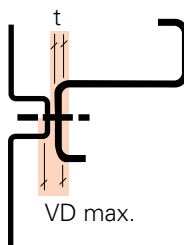



High setting security due to thread-free zone with SLA-S


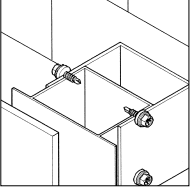
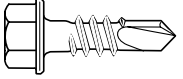

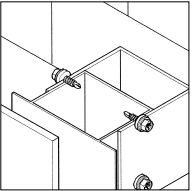
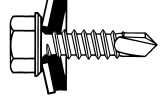

- ✧ resistant to unwisting
- ✧ resistant to over-driving
- ✧ no washer required



Austenitic stainless steel self drilling fasteners

Example/Order code							System and tool information	
Type	Max. drilling capacity VD (mm)	Effective thread length KL (mm)	Head Form Ø 12 mm	Washer: Material, diameter	Diameter d (mm)	Overall length L (mm)	Effective thread length KL (mm)	<div><p>Belted for CF 400 setting tool (Page 12.3)</p></div> <div><p>DI 600</p></div> <p>Setting tools and accessories Chapter 13</p>
SX 3	/ 4–			S16–	5,5×	22		
SX 3	/10–		D12–	A12–	5,5×	28		
							Application range	
	SX3/ 4–S16–5,5× /10					22 28	4 10	<div><p>VD max.</p><p>Steel: VD max.: 3,0 mm t min.: 2 x 0,63 mm 1,5 mm</p></div> 
	SX6/ 6–S16–5,5× /12					26 32	6 12	<div><p>VD max.</p><p>Steel: VD max.: 6,0 mm t min.: 2,0 mm</p></div> 
For special applications:								
	SX3/10–D12–A12–5,5×					28	10	<div><p>t</p><p>VD max.</p><p>Steel: VD max.: 3,0 mm t min.: 2 x 0,63 mm 1,5 mm</p><p>Alu: VD max.: 3,0 mm t min.: 2,0 mm</p></div> 
	SX6/ 6–D12–A12–5,5× /12					26 32	6 12	<div><p>t</p><p>VD max.</p><p>Steel: VD max.: 6,0 mm t min.: 2,0 mm</p><p>Alu: VD max.: 6,0 mm t min.: 3,0 mm</p></div>  <p>Accessories: Bit: TORX T25W Depth locator: Z 661/WL Drive bar: ZA ¼" Universal</p>

Self drilling fasteners for aluminium framework

Example/Order code							System and tool information	
Type	Max. drilling capacity VD (mm)	Grip range in mm	Material S = Stainless steel	Washer: Material, diameter	Diameter d (mm)	Overall length L (mm)	Grip range (mm)	Setting tools and accessories Chapter 13
SLA 5/		4-6	-S4		6,0×	19		 DI 600
SDA 3/			-S4-A14-		4,8×	19		
							Application range	
			SLA5/4-6-S4-6,0×		19	21	4-6 6-8 Only for aluminium framework.	
			SDA3-S4-A14-4,8×		19	6	VD max.: 3,0 mm t min. alu: 2,0 mm	

High performance non metallic cladding panels to timber battens





Technical information

TW-S, TW-A4

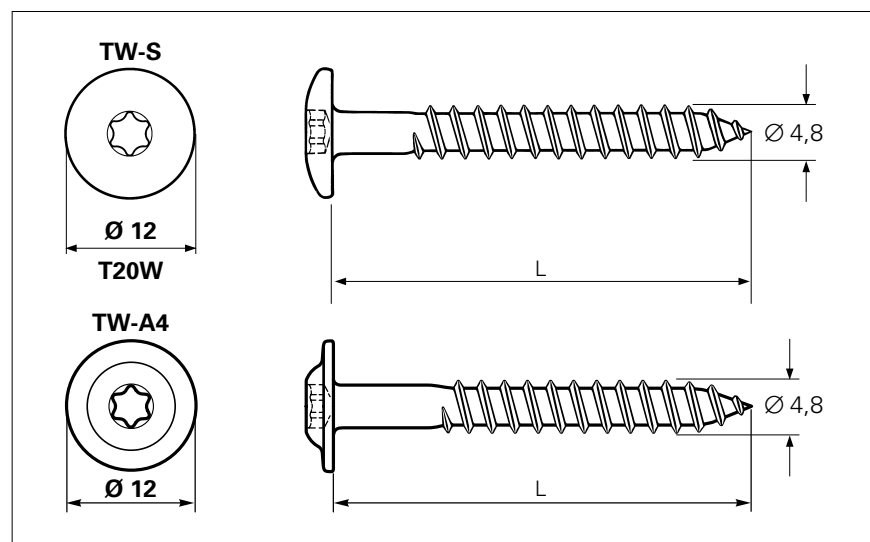
Material:

TW-S: Austenitic stainless steel, grade 304 (European Standard 1.4301) with powder coated colour finish.

TW-A4: Austenitic stainless steel, grade 316 (European Standard 1.4401)

Application:

Fastening non metallic high performance cladding panel to timber batten.



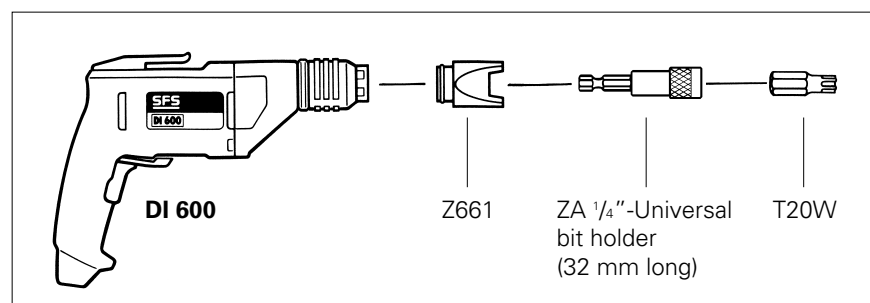
Installation tool:

DI 600 Purpose designed light weight screwgun (Page 13.7)

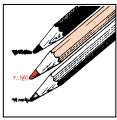

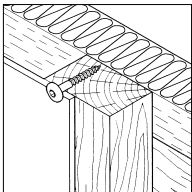
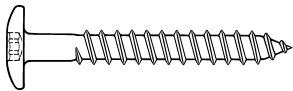

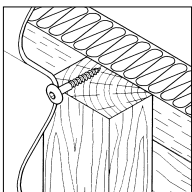
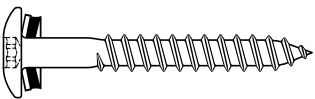

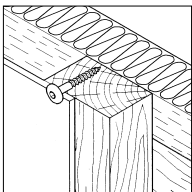
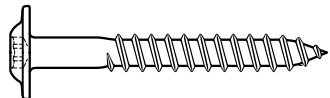



Coloured fasteners:

UV resistant, dry powder coating to match the colour of the cladding.



Austenitic stainless steel fasteners for timber battens

Example/Order code					System and tool information		
Type	Material: S=Stainless steel	Low profile head 12 mm diameter	Thread diameter d (mm)	Overall length L (mm)		Coloured head fasteners Page 12.2	Installation tool Page 13.7 
TW-	S-	D12-	4,8×	25			DI 600
					Application range		
		TW-S-D12-4,8×		25 30 38 44 60	Bit: T20W		
		TW-S-D12-A10-4,8×		38	Bit: T20W		
		TW-A4-D12-4,8×		38	Bit: T20W		



Technical information

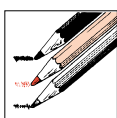
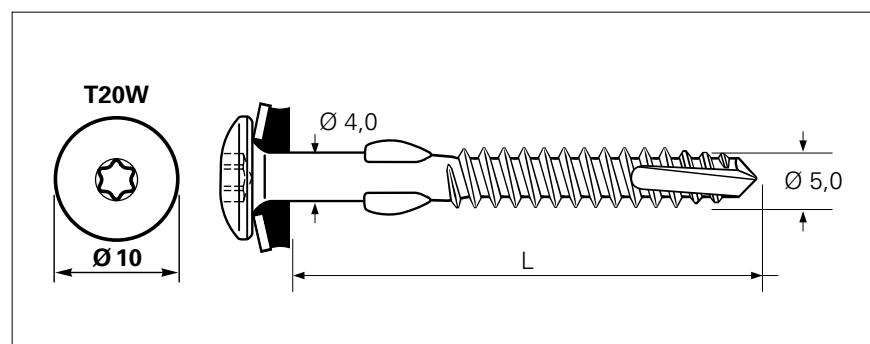
SCFW-S-D10K

Material:

Austenitic stainless steel, grade 304 (European Standard 1.4301) with powder coated colour finish.

Application:

Selfdrilling fastener for non metallic high performance cladding panel to timber batten.

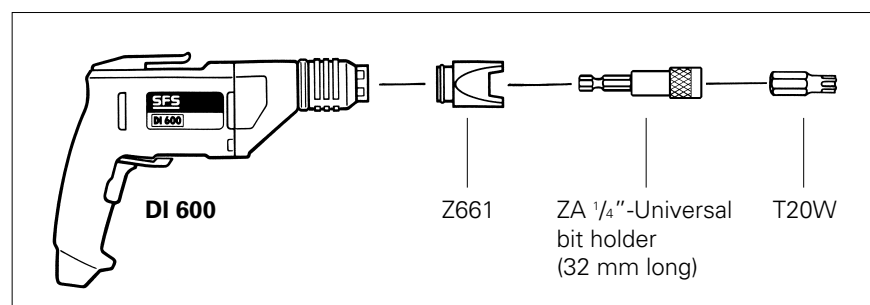
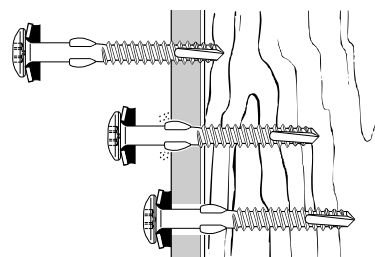


Coloured fasteners:

UV resistant, dry powder coating to match the colour of the cladding.

Function of the wings:
provides expansion for the panel

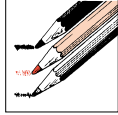

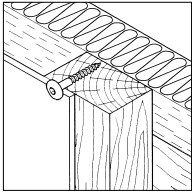
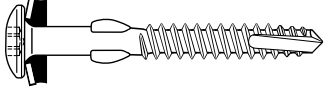

- ⇒ always drills the correct clearance hole
- ⇒ no additional costly pre-drilling



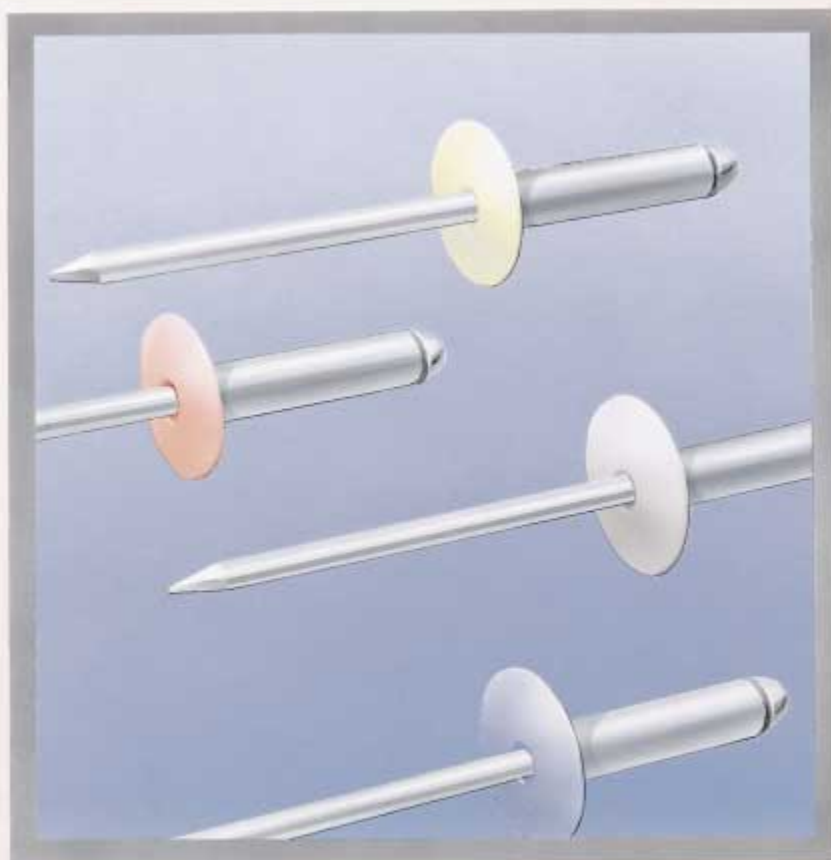
Austenitic stainless steel fasteners for timber battens

Example/Order code

System and tool information

Type	Material: S=Stainless steel	Low profile head 12 mm diameter	Washer: A= Aluminium Diameter Ø 10 mm	Thread diameter d (mm)	Overall length L (mm)	Max. panel thickness d (mm)	 Coloured head fasteners Page 12.2	Installation tool Page 13.7  DI 600
SCFW-S-D10K-A12-5,0× 40								
  SCFW-S-D10K-A12-5,0× 40						8	Application range	 Bit: T20W Wings diameter: 6,2 mm

High performance cladding to aluminium and steel framework





Technical information

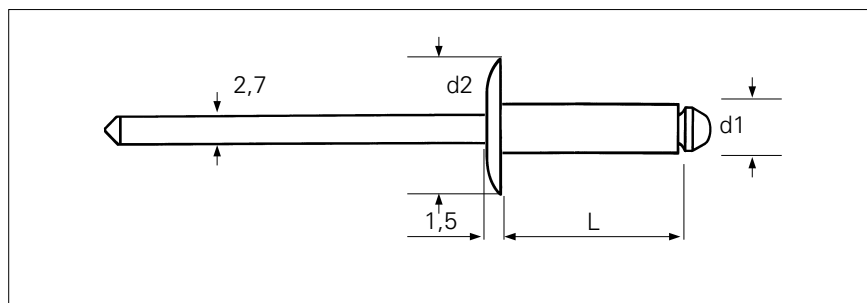
Coloured AP rivets

Material:

Body: Aluminium AlMg3
Mandrel: Stainless steel A3

Application:

Face fixing of high performance cladding panel to aluminium framework.

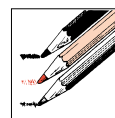
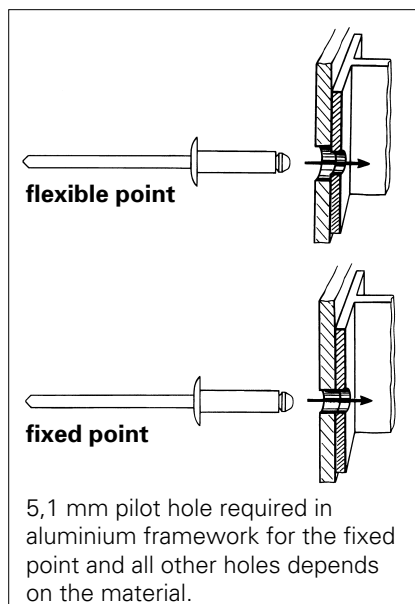


Setting tool:

AccuBird® (Page 13.9)
Rivet tool HN2 (Page 13.9)
Rivet tool SN2 (Page 13.9)



Installation:



Coloured fasteners:

UV resistant dry powder colour coated to match the colour of the cladding.

Please check the fixing method statement from the cladding manufacturers.

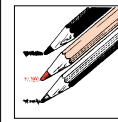
Fastening high performance cladding to aluminium and steel framework

Coloured AP14 rivets

Example/Order code

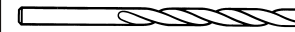
Typ	Head diameter Ø d2 (mm)	Code	Mandrel	Grip range (mm)	Eyelet Dimension Ø d1 x L (mm)
AP 11–		50180–	S		

System and tool information



Coloured rivets
Page 12.2

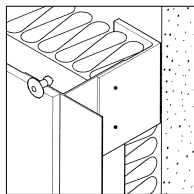
Installation tool
Page 13.9



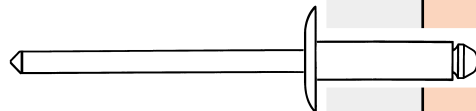
Drill bits Page 10.11

AccuBird®

Application range



**Aluminium/
Stainless Steel:**



Pre-drill pilot hole: 5,1 mm

AP11–50180–S

10,5–15,0 5,0x18,0

AP14–50120–S

5,0– 9,5 5,0x12,0

AP14–50180–S

10,5–15,0 5,0x18,0

AP14–50210–S

13,5–18,0 5,0x21,0

AP16–50160–S

8,5–13,0 5,0x16,0

AP16–50180–S

10,5–15,0 5,0x18,0

AP16–50210–S

13,5–18,0 5,0x21,0

Aluminium sections to aluminium and steel framework

Bulb-tite® rivet

Example/Order code

Type	Rivet diameter in $\frac{1}{32}$ " d (0,8 mm)	Max. grip range in $\frac{1}{16}$ " KL (1,6 mm)	EPDM Washer
RV6604-6-		3	W

System and tool information

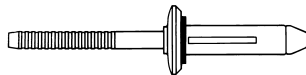
Installation tool
Page 13.9



AccuBird®

min. max.

Application range



RV6604-6- 3W
4W
6W
8W
10W
12W

0,50	4,75
1,50	6,35
4,75	9,50
8,00	12,70
11,00	15,85
14,30	19,00

Technical info Page 10.4

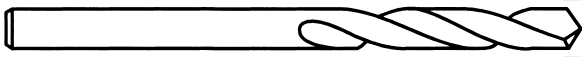
Drill bit: 5,35 mm

Head diameter D: 11,5 mm

A

Drill bits

Example/Order code

	Diameter d (mm)	Overall length L (mm)
	5,3 ×	60

*Abbreviations:

ST = Stub

CT = Cotter pin

System and tool information

Loose colour cap for Bulb-tite® rivet



Cap material: PVC
6604-6*

***Colours:** Please specify colour. Special colours can be matched but are subject to extended lead times.



Technical information

TU

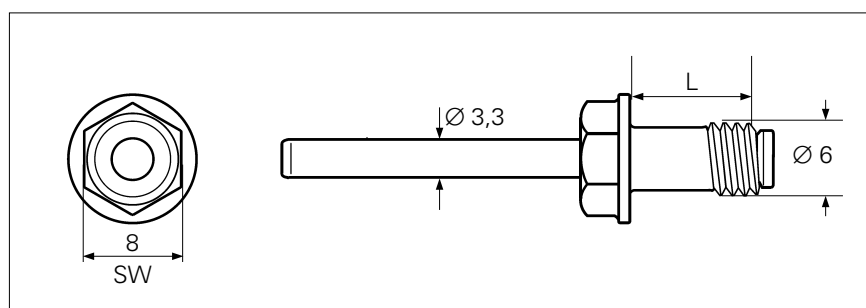
Material:

Body: Stainless steel, A4, grade 316

Mandrel: Carbon steel (pulled of completely)

Application:

The TU-S blind fastener is superior to previous approaches to the attachment of HPL cladding panels with regards installation and long-term security.

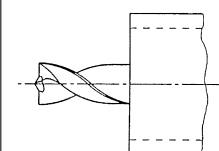


Example/Order code

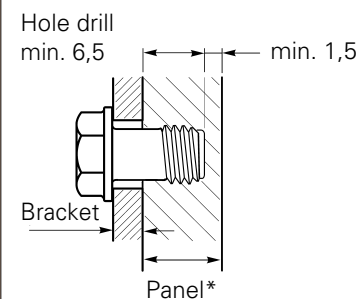
Type	Material: S = Stainless steel	Ø Body d (mm)	L (mm)	Panel
TU-	S-	6×	9	8
TU-S-6×			9	8
				10
				13
			11	8
				10
				13
			13	10
				13

System and tool information

Installation tool
PowerBird®
Page 13.9



HSS blind hole drill,
6 mm dia. with depth stop



* for HPL panels
8–13 mm thickness



Technical information

GAZ

Material:

Fastener: Stainless steel, A2, grade 304
Washer: Stainless steel with washer vulcanised EPDM
Design element: Aluminium anodised or stainless steel mill finish

Setting tools

- E 395 socket
- Drive bar ZA¼"
- DI 600 electric screwgun

A choice of colours and shapes for fascinating effects

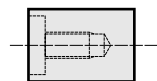
Choose from the range of shapes and colours to create special emphasis on internal or external surfaces. Achieve tonal features through the use of anodised aluminium and polished stainless materials.

The thread onto which the head element is screwed is coated with spedcaps micro-encapsulated liquid adhesive. The adhesive cures within a few hours of installation and the design element is secured against unwinding through dynamic loads. It cannot be removed manually after curing.

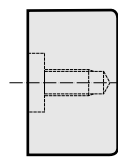
For special aesthetic effects – the Design fastener GAZ

Example/Order code

Type	Shape	Material A=anodised aluminium S=stainless steel	Colour
GAZ–	801–	A–	...

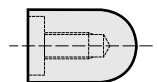


GAZ– 801– ...
Ø 22 x 32 mm



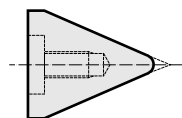
GAZ– 803– ...
Ø 42 x 28 mm

On special request



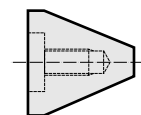
GAZ– 804– ...
Ø 22 x 32 mm

On special request

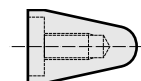


GAZ– 806– ...
Ø 32 x 38 mm

On special request



GAZ– 807– ...
Ø 32 x 32 mm



GAZ– 811– ...
Ø 22 x 32 mm

Available colored:

Aluminium:

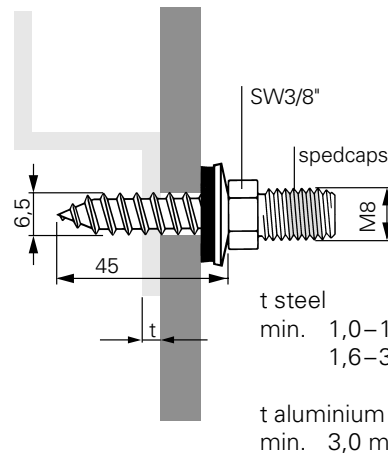
- red
- blue
- green
- black
- gold
- silver

Stainless steel: mill finish

System and tool information

GA-AS-S16-6,5 x 45 C

Fastening to thin steel or aluminium purlins



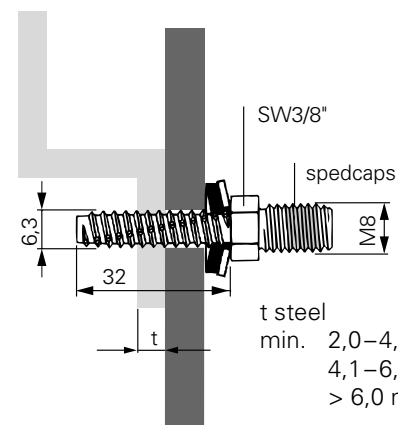
t steel
min. 1,0–1,5 mm pilot hole Ø 4,50 mm
1,6–3,0 mm 5,05 mm

t aluminium
min. 3,0 mm pilot hole Ø 4,8 mm

Drill bits page 4.5

GA-BS-S16-6,3 x 32 C

Fastening to thin steel

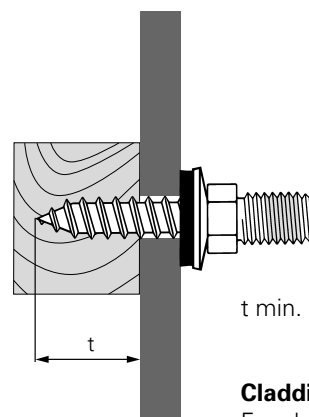


t steel
min. 2,0–4,0 mm pilot hole Ø 5,35 mm
4,1–6,0 mm 5,65 mm
> 6,0 mm 5,80 mm

Drill bits page 4.5

GA-AS-S16-6,5 x 45 C

Fastening to timber battens

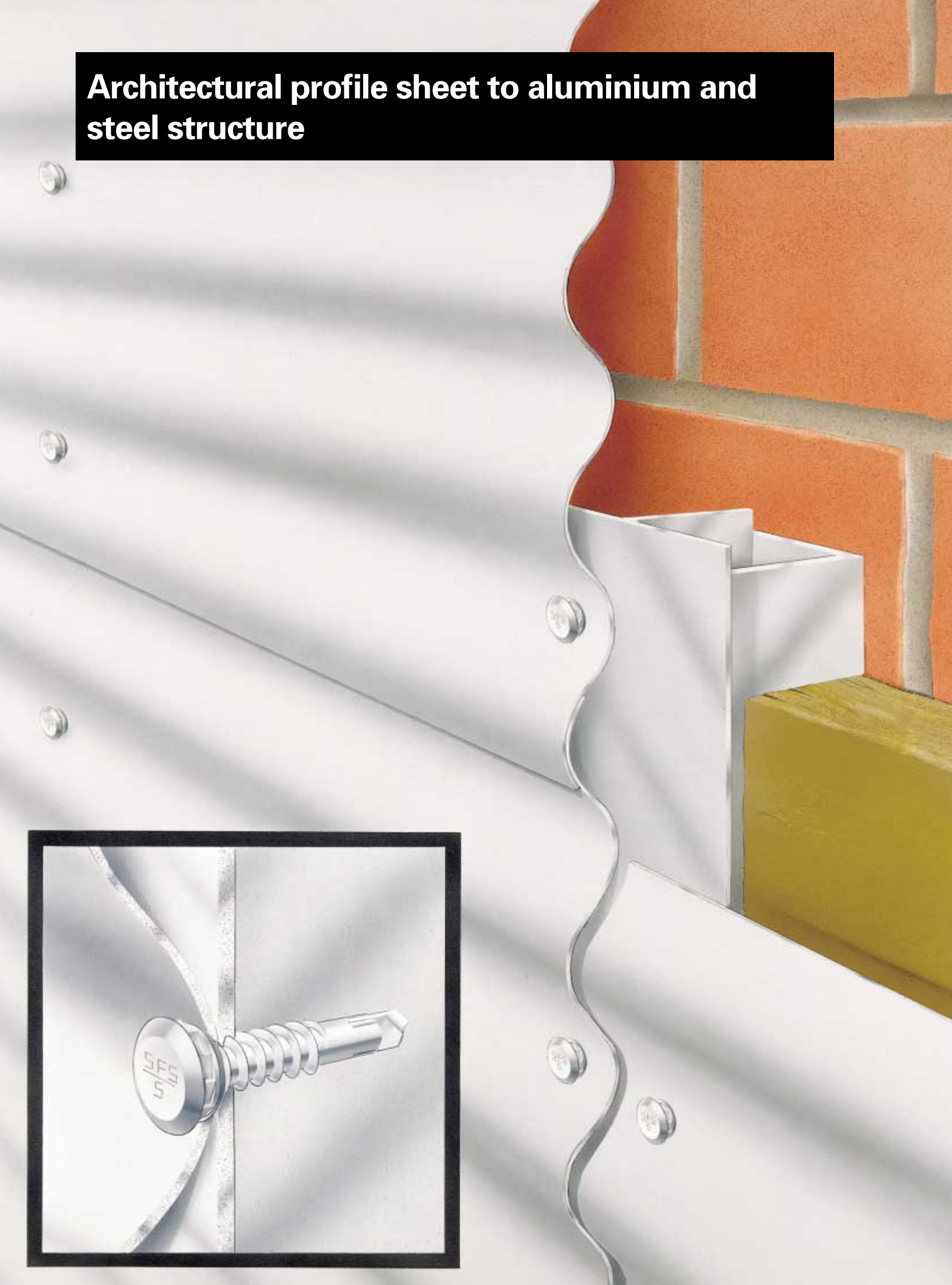


t min. 30 mm pilot hole Ø 4,8 mm

Cladding panels

For clearance holes in cladding panels, please check the cladding manufacturers literature.

Architectural profile sheet to aluminium and steel structure





Technical information

SX

Material:

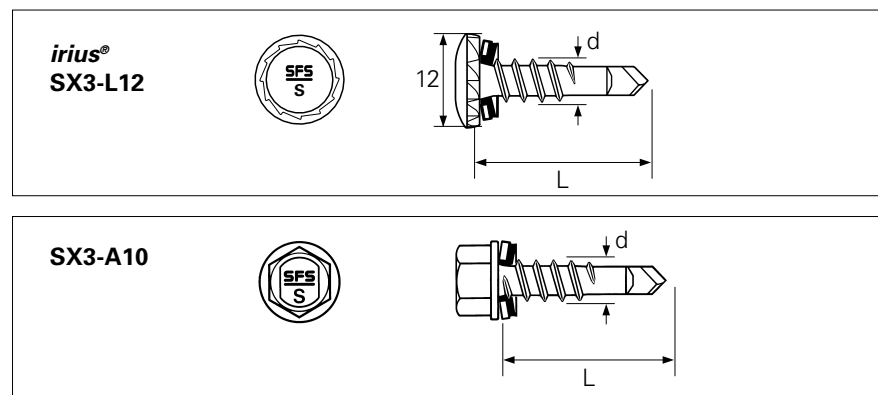
Fastener: Austenitic stainless steel, grade 304 (European Standard 1.4301)
Grade 316 (European Standard 1.4401)*

Sealing washer: Aluminium with vulcanised EPDM

Drill point: Case hardened, carbon steel

Application:

The SX-D12 self drilling fastener has been specifically developed for architectural profiled sheets on the cladding. The low profile D12 has a flat head to enable the fastener head to blend into the cladding colour.



CF 400

Installation tools:

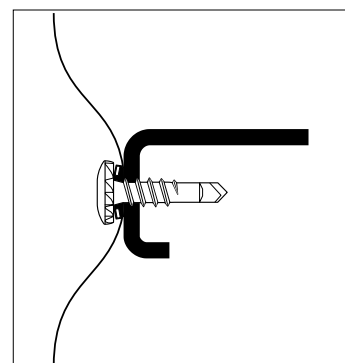
CF 400 Automatic setting tool for belted hexagon head fasteners (Page 13.4).

Special features:

The newly developed underhead drive on the SFS intec SX-L12 self-drilling fastener is virtually invisible! The aesthetic SX-L12 fastener head blends harmoniously into the cladding.

Advantages for the installer:

- optimum fastener guidance
- no wobble during installation
- Fasteners securely held in the E 420 assembly tool



Coloured fasteners

UV resistant dry powder coating to match the colour of the cladding.



DI 600

Purpose designed lightweight screwgun (Page 13.7)

E 420 assembly tool



Austenitic stainless steel self drilling fasteners for aluminium and steel substrate

Example/Order code

Type	Max. drilling capacity VD (mm)	Effective thread length KL (mm)	Head form Ø 12 mm	Washer Aluminium Ø 10 mm	Thread diameter d (mm)	Overall length L (mm)
SX 3	3	/4-	L12-	A12-	5,5×	22

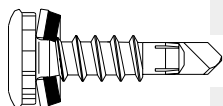
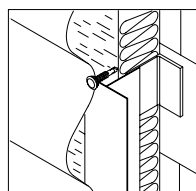
System and tool information

Installation tool
Page 13.7



or **DI 600**

Application range



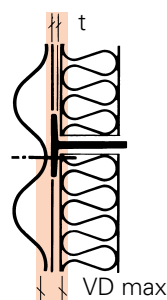
SX3/ 4-L12-A12-5,5×
/10

22
28

4
10

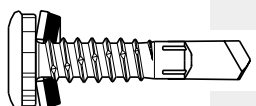
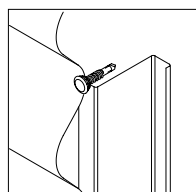
Accessories:

Installation tool:
E 420 (Page 13.10)



Steel:
VD max.: 3,0 mm
t min.: 2 x 0,63 mm
1,5 mm

Alu:
VD max.: 3,0 mm
t min.: 2,0 mm



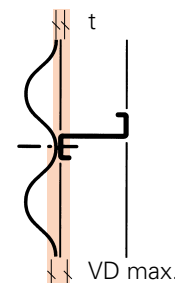
SX6/ 6-L12-A12-5,5×
/12

26
32

6
12

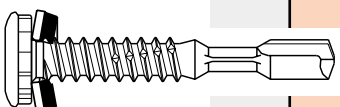
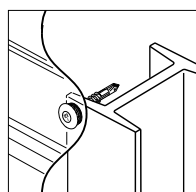
Accessories:

Installation tool:
E 420 (Page 13.10)



Steel:
VD max.: 6,0 mm
t min.: 2,0 mm

Alu:
VD max.: 6,0 mm
t min.: 3,0 mm



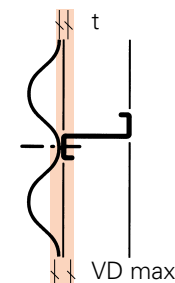
SX14/12-L12-A12-5,5×

38

12

Accessories:

Installation tool:
E 420 (Page 13.10)

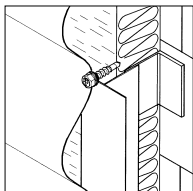

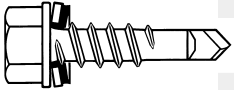
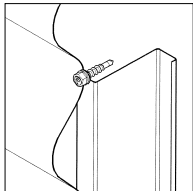

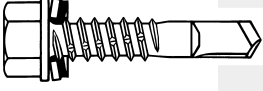


Steel:
VD max.: 14,0 mm
t min.: 4,0 mm

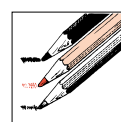
Alu:
t min.: 5,0 mm

Austenitic stainless steel self drilling fasteners for aluminium and steel substrate

Example/Order code

Type	max. drilling capacity VD (mm)	Effective thread length KL (mm)	Washer: A= Aluminium diameter Ø 10 mm	Thread diameter d (mm)	Overall length L (mm)	Effective thread length KL (mm)
SX	3/	4–	A12–	5,5×	22	
  						
SX3/ 4–A12–5,5×	/10				22	4
					28	10
  						
SX6/ 6–A12–5,5×	/12				26	6
					32	12

System and tool information



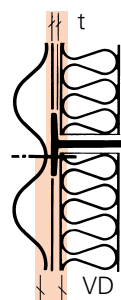
Coloured fasteners available
Page 12.2

Installation tool
CF 400
Page 13.4



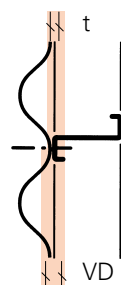
or **DI 600**

Application range



Steel:
VD max.: 3,0 mm
t min.: 2 x 0,63 mm
1,5 mm

Alu:
VD max.: 3,0 mm
t min.: 2,0 mm

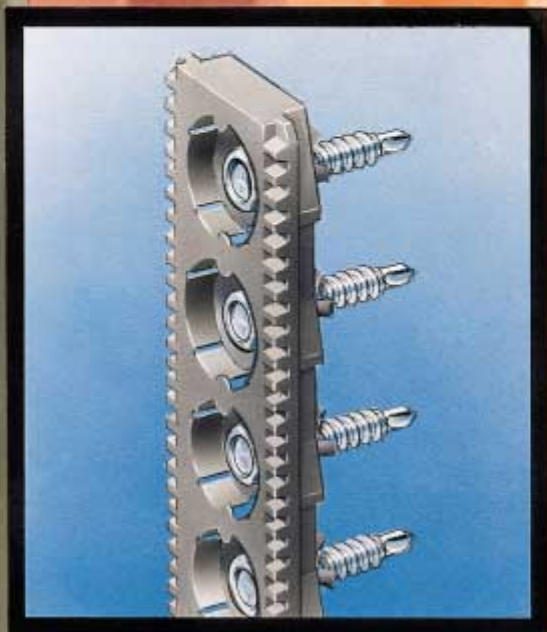


Steel:
VD max.: 6,0 mm
t min.: 2,0 mm

Alu:
VD max.: 6,0 mm
t min.: 3,0 mm



Coloured and belted fasteners



Technical information

Coloured fasteners

Lacquered head:

An alternative solution for certain fasteners is to lacquer the head and washer face with a dry polyester powder which is then electrostatically baked on the head and washer face of the fastener.

These fasteners are coloured to order. Please allow 4 weeks to manufacture. If your needs are not met by a RAL or NCS, then we can produce special colours.

Application:

Efficient and aesthetic fastening of coloured sheets.

Attention:

Colour painting is not a substitute for the use of stainless steel fasteners.

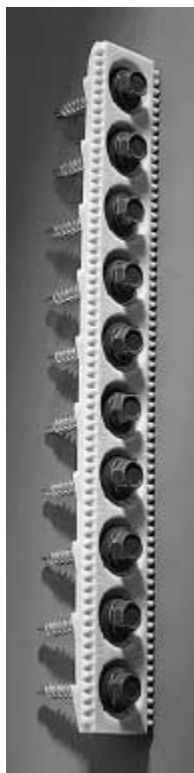
Colour range

Virtually any colour can be matched to meet your aesthetic requirements. Initial order requires a colour sample for matching purposes.

Special colours

Special metallic coatings can be supplied to meet your specific colour needs.





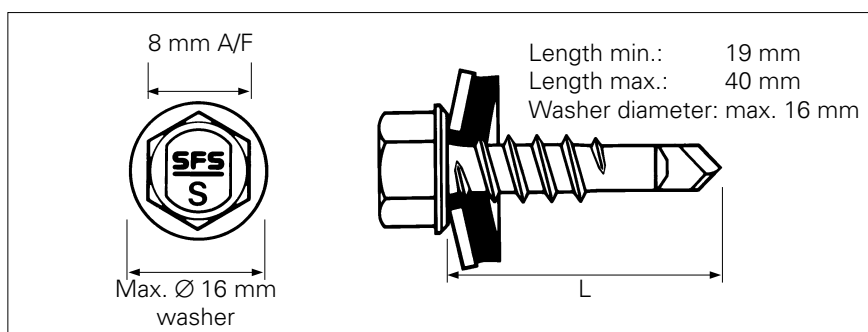
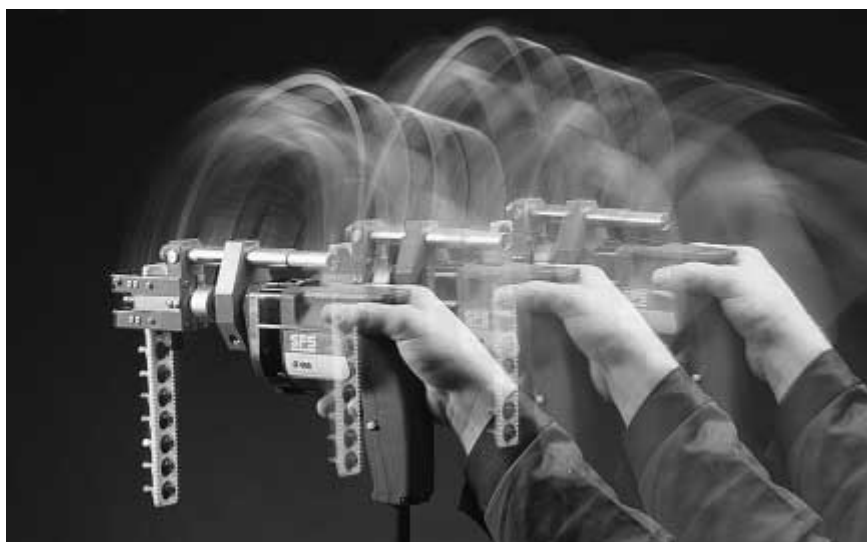
Technical information

Belted fasteners for CF 400 system

Self drilling fasteners from 19 mm to 40 mm are available belted with a maximum sealing washer diameter of 16 mm. Suitable for standard 8 mm hexagon head and also the SLP2 range.

Application:

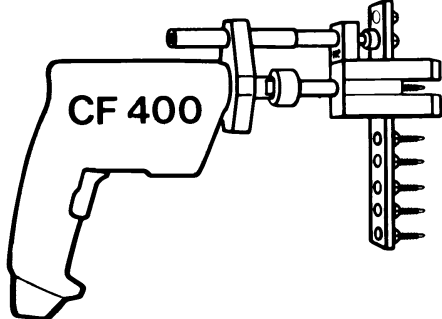
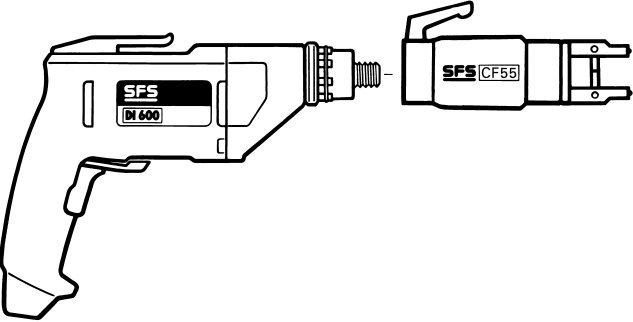
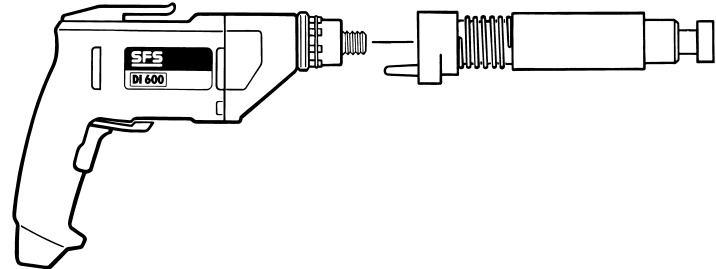
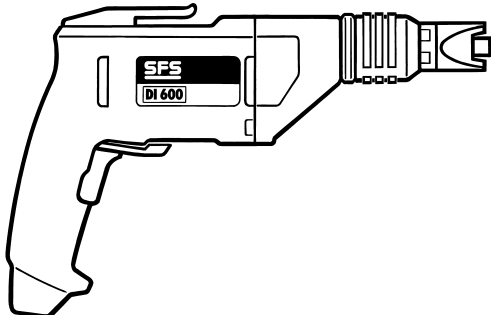
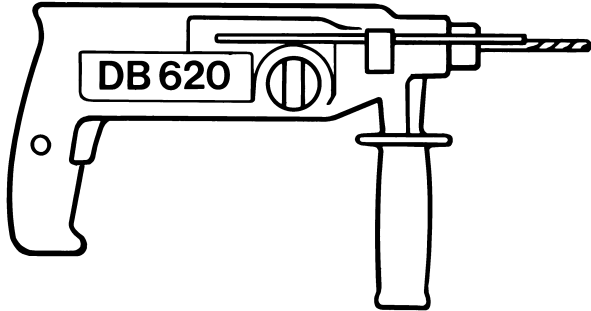
Efficient installation of self drilling fasteners for side lap stitching on roofs, metal decking and main fastening on cladding.



Ergonomic system tools and accessories



System and tool information for roofing and cladding applications

Product code and description	Installation tool
<p>CF 400</p> <p>Automatic setting tool for installing belted fasteners with a maximum 16 mm diameter washer and upto a maximum length of 40 mm. Approx 20/25 fasteners per min.</p>	 <p>Page 13.4</p>
<p>CF 55</p> <p>A purpose designed setting tool for installing long composite panel fasteners. The extension drive bar and nose piece ensures the fasteners are installed correctly without under or over driving.</p>	 <p>Page 13.5</p>
<p>CF 40</p> <p>A purpose designed setting tool for installing SCF intec fibre cement fasteners. The extension drive bar and nose piece eliminates over driving and subsequent cracking of the fibre cement sheet.</p>	 <p>Page 13.6</p>
<p>DI 600</p> <p>Lightweight power screwgun for installing self drilling and self tapping fasteners.</p>	 <p>Page 13.7</p>
<p>DB 620</p> <p>Pneumatic hammer drilling machine for pre-drilling concrete and masonry.</p>	 <p>Page 13.8</p>

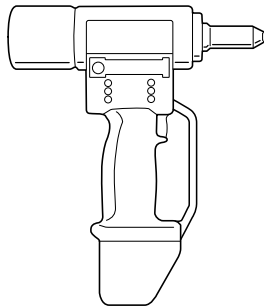
System and tool information for roofing and cladding applications

Product code and description

AccuBird®/Power Bird®

Battery rivet setting tool

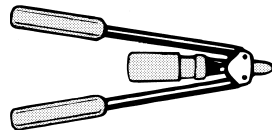
Installation tool



Page 13.9

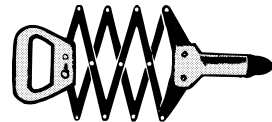
Rivet tools

BZ 50
Lever tool

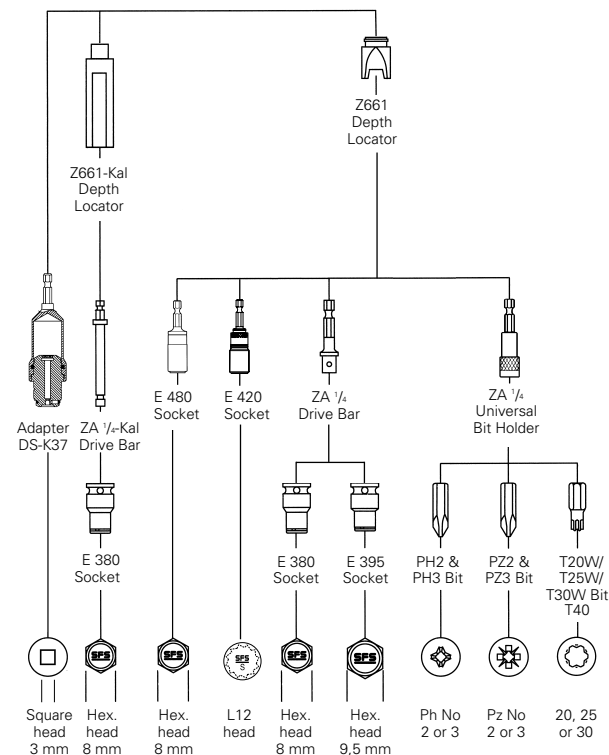


Page 13.9

BZ 56
Lazy tongs



DI 600 accessories



Page 13.11

Setting tool and accessories

CF 400

Technical data:

Wattage:	420 W
Max. revs:	1700 U/Min.
Power Supply:	110 V/220 V
Overall length:	370 mm
Weight:	2,17 kg

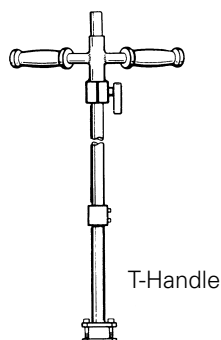
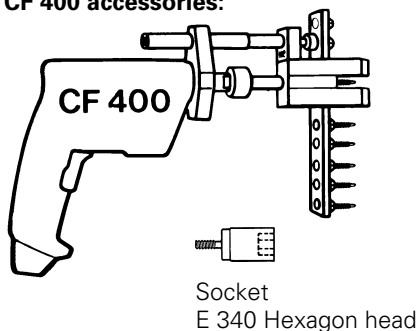
Application:

Fully automatic system which greatly increases installation speed, saving time and money. Compared with the conventional manual method. Suitable for installing hexagon head fasteners in steel upto 12 mm thick with a maximum washer diameter 16 mm and Sela SLP side lap fastener.

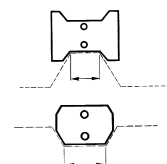


Height adjustable handle of the CF 400 improves your ergonomic working position on the roof.

CF 400 accessories:



Extra large pouch for belted CF 400 fasteners



Special profile guides are available for stitching in the top of the corrugation

CF 55

Technical data:

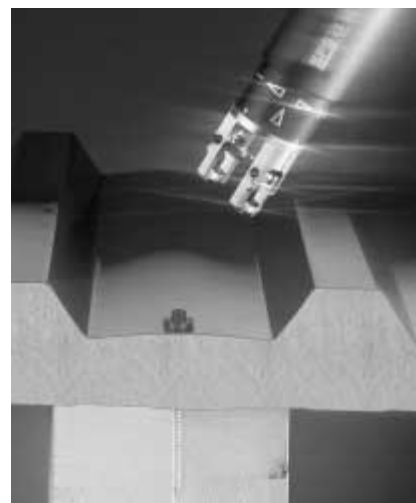
Power tool:	DI 600
Wattage:	600 W
Max. revs.:	2000 U/Min.
Power supply:	110 V/220 V
Overall length:	400 mm
Weight:	2,4 kg

Application:

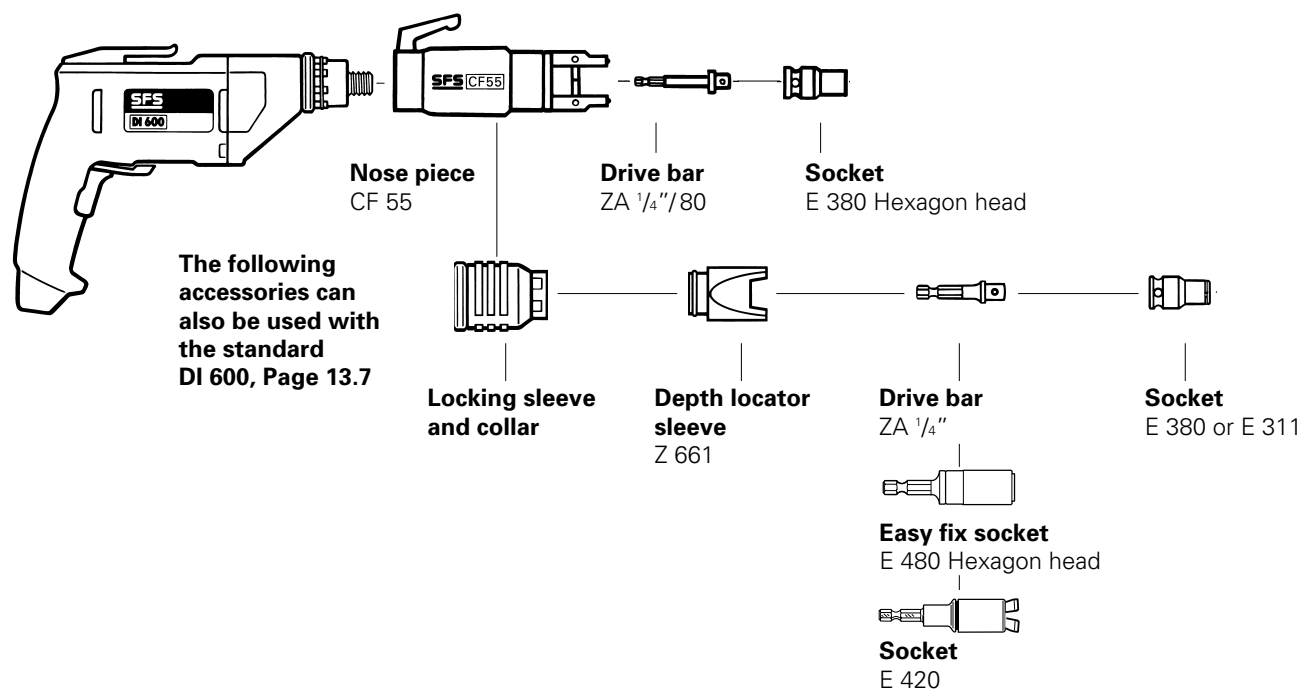
For efficient and secure installation of long self drilling fasteners for composite panels.



The CF 55 nose piece and drive bar ensures the fasteners are installed easily without damaging the outer panel and prevents over driving and subsequent dimpling of the panel.



CF 55 accessories:



Special accessories:

Z 661/IF
Z 661/29 et
Z 661/BAZ

ZA 1/4" Universel
32 mm

T 20 W
T 25 W

CF 40

Technical data:

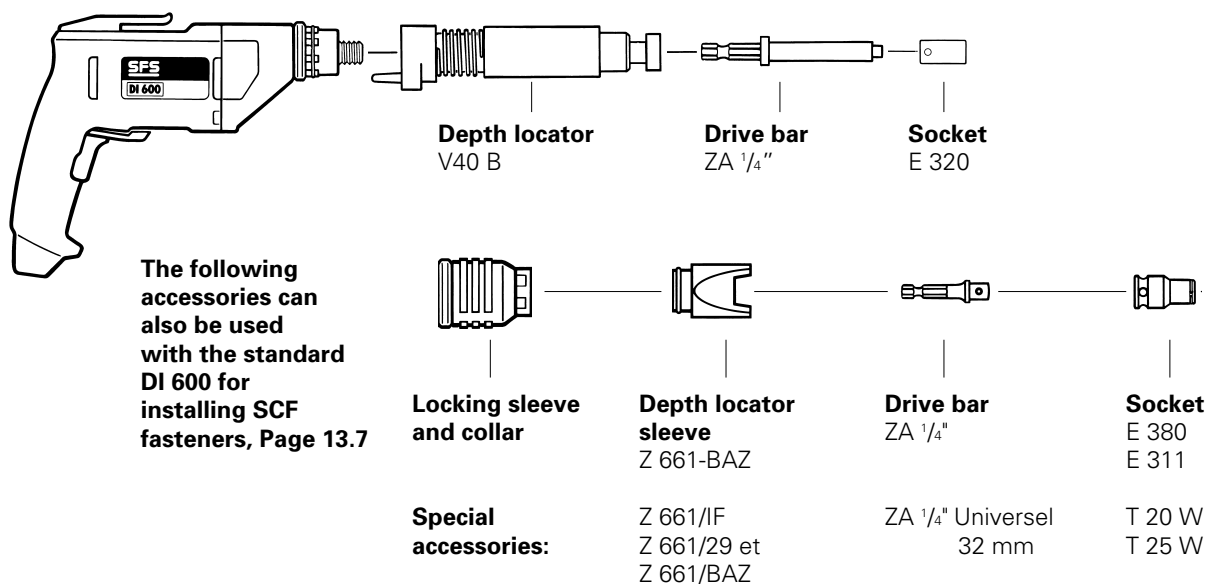
Power tool:	DI 600
Wattage:	600 W
Max. revs.:	2000 U/Min.
Power supply:	110 V/220 V
Overall length:	465 mm
Weight:	2,25 kg

Application:

For efficient and secure installation of fibre cement fasteners. The adjustable depth locator eliminates the risk of over driving and subsequent damage of the fibre cement sheet.



CF 40 accessories:



Setting tool and accessories

DI 600

Technical data:

Power tool:	DI 600
Wattage:	600 W
max. revs.:	2000 U/Min.
Power supply:	110 V/220 V
Max. torque:	19 N/mm ²
Overall length:	290 mm
Weight:	1,6 kg

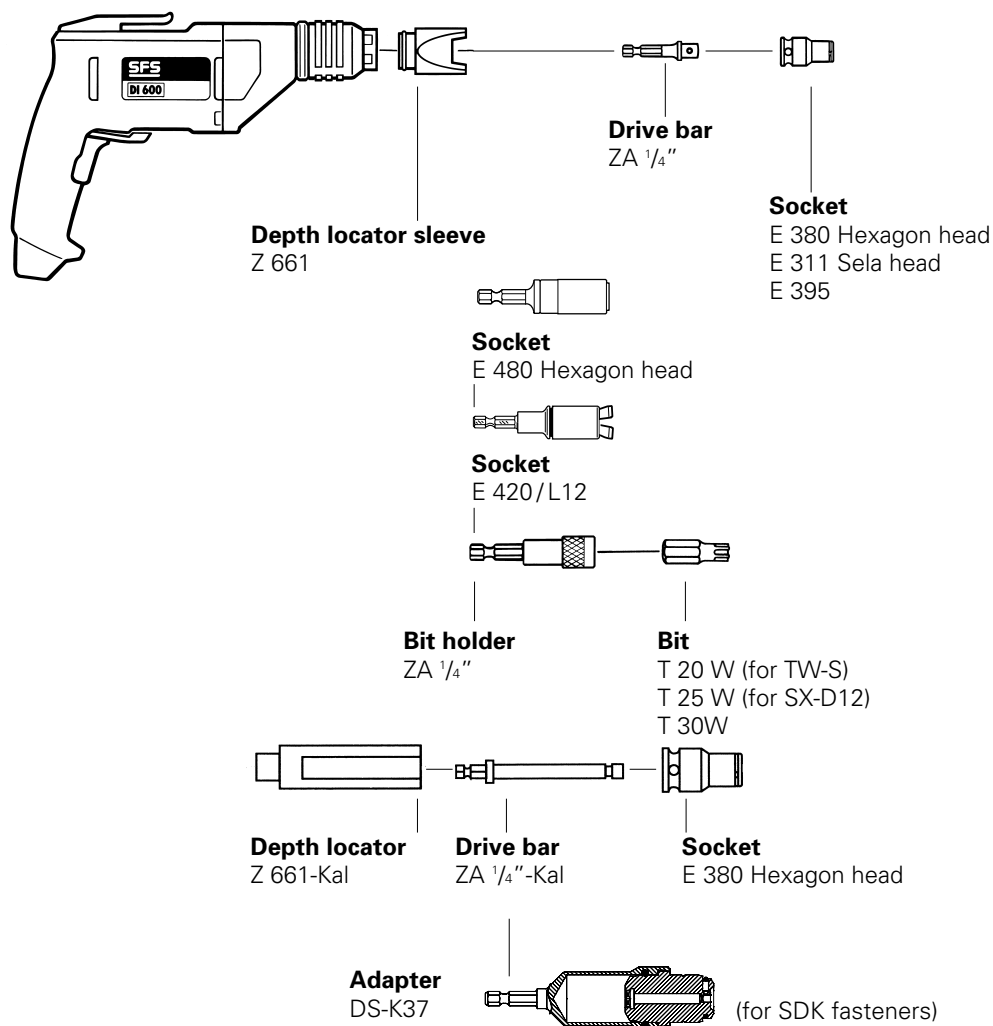


Application:

Light weight power screwgun for installing self drilling and self tapping fasteners.



DI 600 accessories:



DB 620

Technical data:

Wattage:	620 W
Max. revs.:	870 U/Min.
Power supply:	110 V
Weight:	2,4 kg
Drive connection:	SDS-plus



DB 620 Accessories: SDS drill bit for TB



TB 1000 tool and accessories



AccuBird®/Power Bird®

Technical data:

Pulling distance: 20 mm
Battery: 12-Volt
Quick charger time: 60 min.
Weight: 2,2 kg

Application:

For efficient installation of all rivets.



Lever tool BZ 50

Including 4 rivet nozzles



Lazy tongs BZ 56

Including 4 rivet nozzles



Setting tool and accessories

