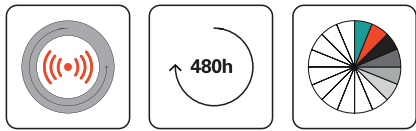
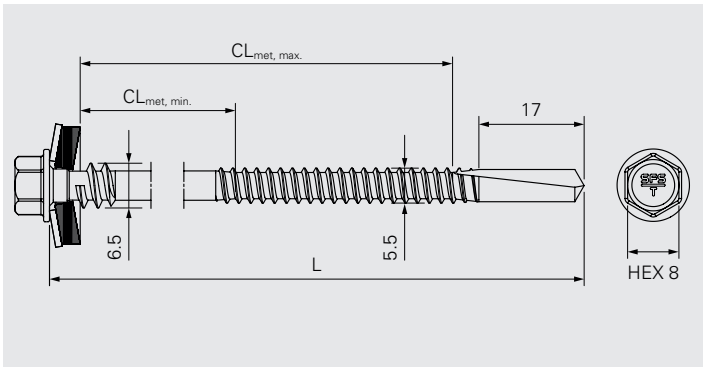
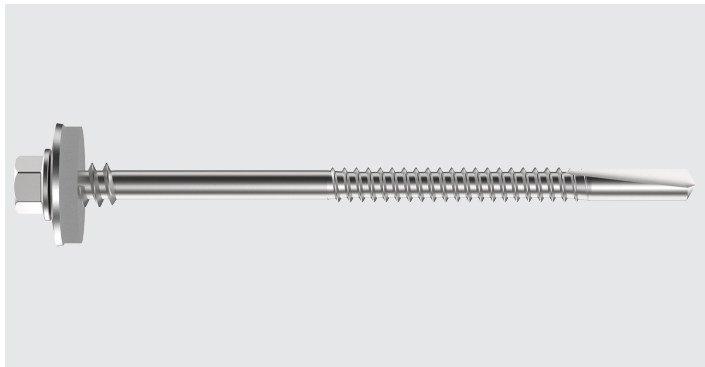


SDT14-5.5



Application

Fastening of sandwich panels onto steel beams
Fastening of profile sheets onto steel beams

Component 1 (t_I / t_{NII})		Component 2 (t_{II})		$\Sigma_{\max} t_I + t_{II}$
Sandwich panel	≥ 0.40	Steel	4.0–12.0	14.0

Fastener material

Carbon steel, Durocoat® 480
Sealing washer: Aluminium, EPDM-seal

Approvals

CE₁₉
ETA-13/0183

Features and Benefits

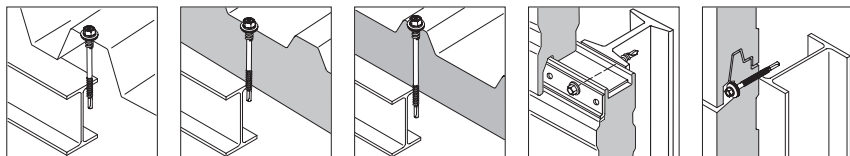
- Self drilling fastener suitable for installation of sandwich panels
- High quality EPDM sealing washer for long-term weather sealing
- Perfect supporting of the sandwich panel outer-skin given by support thread with cut-off thread-end
- High performance drill point for heavy steel beams
- High bending capacity for absorption of thermal expansion of the sandwich panel outer-skin
- High corrosion durability thanks to special galvanic zinc coating

Documentation

Approval document (ETA) | Declaration of performance (DoP)

All measures in mm

All information is non-binding and without guarantee. Before using the products, all specifications and calculations must be checked by a suitably qualified person and local regulations must be observed. This document is subject to revision. We reserve the right to make technical changes.



Fastener in carbon steel onto steel

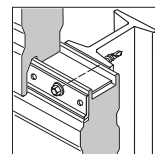
Product code	PU	L	CL _{met}	t _{fix, met}	A19
SDT14-A19-5,5×78	100	78	30–53	30–41/49	1422750
SDT14-A19-5,5×98	100	98	40–73	40–61/69	1423712
SDT14-A19-5,5×118	100	118	50–93	50–81/89	1423880
SDT14-A19-5,5×138	100	138	70–113	70–101/109	1423882
SDT14-A19-5,5×158	100	158	90–133	90–121/129	1423884
SDT14-A19-5,5×188	100	188	110–163	110–151/159	1424470
SDT14-A19-5,5×218	100	218	140–193	140–181/189	1424471
SDT14-A19-5,5×248	100	248	170–223	170–221/229	1424472
SDT14-A19-5,5×288	100	288	210–263	210–251/259	1424498
SDT14-A19-5,5×348	100	348	270–323	270–311/319	1465147

t_{fix, met}: CL_{met, min.} – (CL_{met, max.} – t_{il, max.} or load-bearing clamping length according ETA)/(CL_{met, max.} – t_{il, min.})

All measures in mm

All information is non-binding and without guarantee. Before using the products, all specifications and calculations must be checked by a suitably qualified person and local regulations must be observed. This document is subject to revision. We reserve the right to make technical changes.

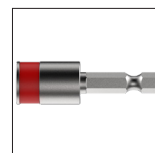
See
approval
OEM



Fastener in carbon steel onto steel

Product code	PU	L	CL _{met}	t _{fix, met}	No washer
SDT14-5,5×78	100	78	33–56	33–44/52	1422748
SDT14-5,5×98	100	98	43–76	43–64/72	1423711
SDT14-5,5×118	100	118	53–96	53–84/92	1423879
SDT14-5,5×138	100	138	73–116	73–104/112	1423881
SDT14-5,5×158	100	158	93–136	93–124/132	1423883
SDT14-5,5×188	100	188	113–166	113–154/162	1491055
SDT14-5,5×218	100	218	143–196	143–184/192	1491056
SDT14-5,5×248	100	248	173–226	173–214/222	1491057
SDT14-5,5×288	100	288	213–266	213–254/262	1491059
SDT14-5,5×348	100	348	273–326	273–314/322	1476752

t_{fix, met}: CL_{met, min.} – (CL_{met, max.} – t_{II, max.} or load-bearing clamping length according ETA)/(CL_{met, max.} – t_{II, min.})



Accessories/Ancillaries

Product code	PU	Drive	Head drive	
E308-¼"-50	1	¼"	HEX8	1646160

All measures in mm