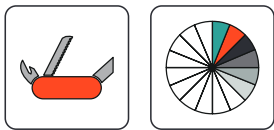
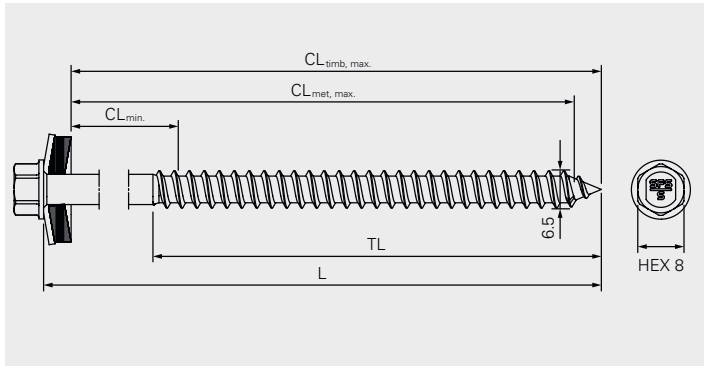
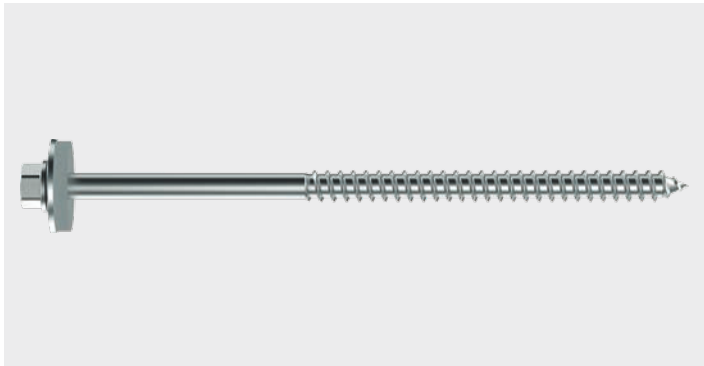


TDA-S-6.5



Application

- Fastening of sandwich panels onto metal profiles
- Fastening of sandwich panels onto timber
- Fastening of profile sheets onto metal profiles
- Fastening of profile sheets onto timber
- Fastening of profile sheets onto metal decks, liner trays

Fastener material

- Austenitic stainless steel A2
- Sealing washer: Austenitic stainless steel A2, EPDM-seal

Component 1 (t _i /t _{NII})		Component 2 (t _{II})		Σ _{max} t _i +t _{II}
Steel	≥0.40	Steel	0.63–3.0	4.50
Aluminium	0.50–1.50	Steel	2×0.75–2×1.50	4.50
–	–	Aluminium	1.0–3.0	4.50
–	–	Timber	l _{ef} ≥35.0	–

Approvals


ETA-10/0198

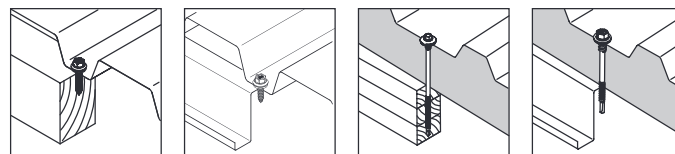

ETA-13/0183

Features and Benefits

- Self tapping fastener suitable for installation of profile sheets and sandwich panels
- High quality EPDM sealing washer for long-term weather sealing
- Multifunctional fastener for a variety of applications

Documentation

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



Fastener in A2 onto steel, timber and aluminium

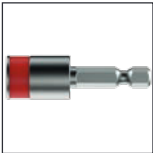
Product code	PU	L	CL _{met}	CL _{timb}	t _{fix, met}	t _{fix, timb}	TL	S16	S19	S22
TDA-S-S16-6,5×20	500	20	0–10	–	0–7/9	–	20	1526324	1526378	1526739
TDA-S-S16-6,5×25	500	25	0–15	–	0–12/14	–	25	6760	6680	6713
TDA-S-S16-6,5×32	500	32	0–22	–	0–19/21	–	32	6761	6681	6714
TDA-S-S16-6,5×40	250	40	0–30	0–37	0–27/29	0–2	40	1526325	1526379	1526751
TDA-S-S16-6,5×50	250	50	0–40	0–47	0–37/39	0–12	50	6764	6684	6717
TDA-S-S16-6,5×60	250	60	0–50	0–57	0–47/49	0–22	60	1526326	1526391	1526752
TDA-S-S16-6,5×80	250	80	3–70	0–77	3–67/69	0–42	75	1526328	1526392	1526753
TDA-S-S16-6,5×100	100	100	23–90	0–97	23–87/89	0–62	75	6768	6688	6721
TDA-S-S16-6,5×120	100	120	43–110	43–117	43–107/109	43–82	75	1526330	1526393	1526754
TDA-S-S16-6,5×140	100	140	63–130	63–137	63–127/129	63–102	75	1526342	1526394	1526756
TDA-S-S16-6,5×160	100	160	83–150	83–157	83–147/149	83–122	75	1526344	1526395	1526758
TDA-S-S16-6,5×180	100	180	103–170	103–177	103–167/169	103–142	75	1526346	1526396	1526771
TDA-S-S16-6,5×200	100	200	123–190	123–197	123–187/189	123–162	75	1526347	1526397	1526774
TDA-S-S16-6,5×220	100	220	143–210	143–217	143–207/209	143–182	75	1526348	1526398	1526776
TDA-S-S16-6,5×260	100	260	183–250	183–257	183–247/249	183–222	75	1526349	1526399	1526779

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

t_{fix, timb}: CL_{timb, min.} – (CL_{timb, max.} – l_{ef, min.})

Pre-drill diameter

Application	Steel/Steel and Alu/Steel				Steel/Timber	Alu/Alu		
Component 1 (t _i)	0.5–1.50				0.5–1.50	0.5–1.50		
Component 2 (t _{II})	0.63	0.75	0.88–1.25	1.50–3.0	≥35.0	1.0–1.50	2.0–2.50	3.0
		2×0.75–2×1.0	2×1.25–2×1.5					
	S280GD – S450GD (EN10346) HX300LAD to HX460LAD (EN10346)				Timber (EN14081)	Aluminium (EN573)		
Pre-drill Ø	3.50	4.0	4.50	5.0	4.0	4.50	5.0	5.30



Accessories/Ancillaries

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