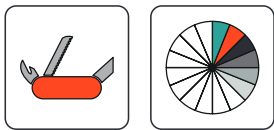
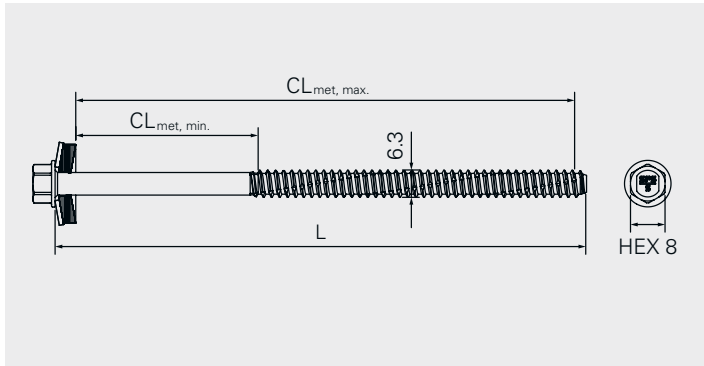
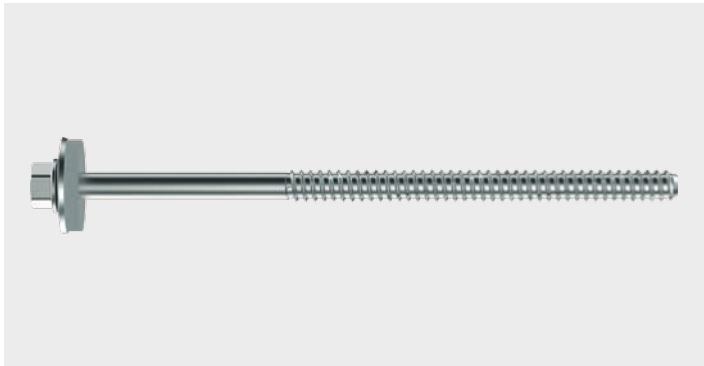


TDB-S-6.3



Application

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

Fastener material

Austenitic stainless steel A2/A4
Sealing washer: Austenitic stainless steel A2/A4, EPDM-seal

Component 1 (t _i /t _{NII})		Component 2 (t _{II})		Σ _{max} t _I +t _{II}
Steel	≥0.40	Steel	≥1.25	≥1.65
Aluminium	0.50–1.50	Aluminium	≥1.50	≥2.0

Approvals

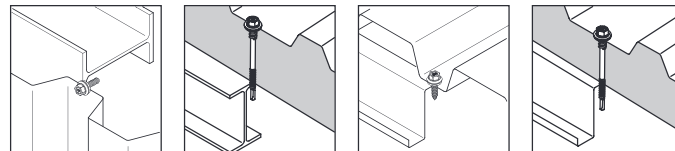


Features and Benefits

- 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 applicatons

Documentation

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



Fastener in A2 onto steel and aluminium

Product code	PU	L	CL _{met}	t _{fix, met}	S16	S19	S22
TDB-S-S16-6,3×20	500	20	0–12	0–6/10	1526350	1526400	1526792
TDB-S-S16-6,3×25	500	25	0–17	0–11/15	1021650	1021647	1063057
TDB-S-S16-6,3×32	500	32	0–24	0–18/22	1021659	1063816	1045402
TDB-S-S16-6,3×40	250	40	0–32	0–26/30	1526352	1526401	1526781
TDB-S-S16-6,3×50	250	50	0–42	0–36/40	1022745	1022746	1045407
TDB-S-S16-6,3×60	250	60	0–52	0–46/50	1526353	1526402	1526783
TDB-S-S16-6,3×80	250	80	2–72	2–66/70	1526354	1526403	1526785
TDB-S-S16-6,3×100	100	100	22–92	22–86/90	1022759	1022758	1051692
TDB-S-S16-6,3×120	100	120	42–112	42–106/110	1526355	1526405	1526786
TDB-S-S16-6,3×140	100	140	62–132	62–126/130	1526356	1526406	1526787
TDB-S-S16-6,3×160	100	160	82–152	82–146/150	1526357	1526407	1526788
TDB-S-S16-6,3×180	100	180	102–172	102–166/170	1526359	1526408	1526789
TDB-S-S16-6,3×200	100	200	122–192	122–186/190	1270144	1191450	1284314
TDB-S-S16-6,3×220	100	220	142–212	142–206/210	1191440	1194640	1226649
TDB-S-S16-6,3×260	100	260	182–252	182–246/250	1526371	1526410	1526791

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

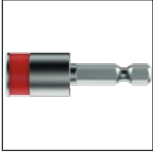
Fastener in A4 onto steel and aluminium

Product code	PU	L	CL _{met}	t _{fix, met}	S16	S19	S22
TDB-S-S16-6,3×25-A4	500	25	0–17	0–11/15	–	1479523	1596647
TDB-S-S16-6,3×40-A4	250	40	0–32	0–26/30	–	1614055	1614052

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

Pre-drill diameter

Application	Steel/Steel and Alu/Steel					Alu/Alu			
Component 1 (t _i)	0.5–1.50					0.5–1.50			
Component 2 (t _{II})	1.25–1.50	1.60–4.00	4.10–6.0	6.10–10.0	>10.0	1.50	2.0–3.0	4.0	≥6.0
	S235 - S355 (EN10025) S280GD - S450GD (EN10346) HX300LAD - HX460LAD (EN10346)					Aluminium (EN573)			
Pre-drill Ø	5.0	5.3	5.50	5.70	5.80	4.50	5.0	5.30	5.50



Accessories/Ancillaries

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