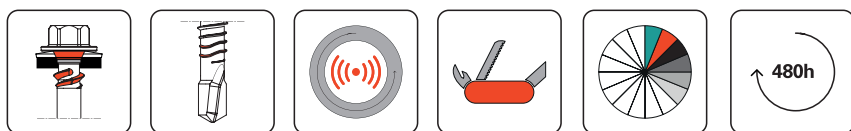
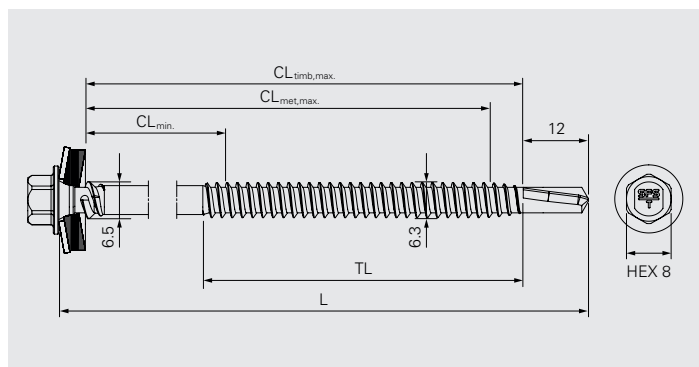
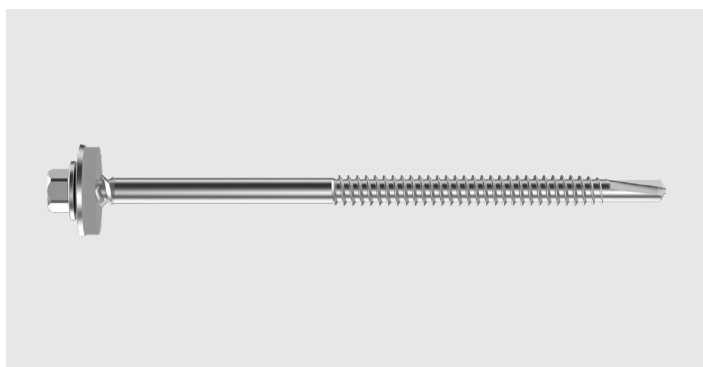


SDC5-6.3



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

Fastener material

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

Component 1 (t_I / t_{NII})

Sandwich panel ≥ 0.40

Component 2 (t_{II})

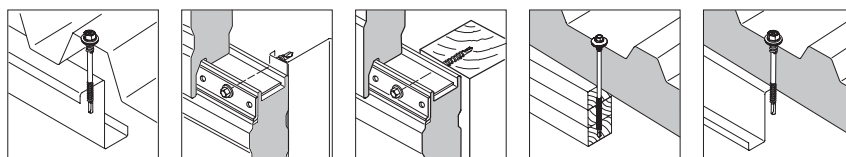
Steel	1.0–4.0	5.0
Steel	2×0.75–2×2.70	6.50
Timber	$l_{ef} \geq 35$	–

$\Sigma_{max} t_I + t_{II}$

Approvals

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
- Optimized support function achieved by engineered double support thread
- Easy drilling through overlapped metal profiles given by the long drill point
- High bending capacity for absorption of thermal expansion of the sandwich panel outer-skin
- High tension resistance achieved by optimized fastener geometry
- Economical benefits given by less fastener needed and installation time savings and / or optimized subconstruction

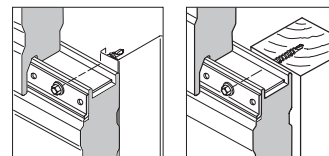


Fastener in carbon steel onto steel and timber

Product code	PU	L	CL _{met}	t _{fix, met}	CL _{timb}	t _{fix, timb}	TL	T16	T19
SDC5-T19-6,3×60	100	60	15–37	15–32/36	15–45	10	32	1685056	1685077
SDC5-T19-6,3×70	100	70	20–47	20–42/46	20–55	20	37	1685057	1685078
SDC5-T19-6,3×80	100	80	30–57	30–52/56	30–65	30	37	1685058	1685079
SDC5-T19-6,3×100	100	100	40–77	40–72/76	40–85	40–50	47	1685020	1685076
SDC5-T19-6,3×120	100	120	50–97	50–92/96	50–105	50–70	57	1685059	1685080
SDC5-T19-6,3×140	100	140	70–117	70–112/116	70–125	70–90	57	1685060	1685081
SDC5-T19-6,3×160	100	160	90–137	90–132/136	90–145	90–115	57	1685071	1685082
SDC5-T19-6,3×190	100	190	110–167	110–162/166	110–175	110–145	67	1685072	1685083
SDC5-T19-6,3×220	100	220	140–197	140–192/196	140–205	140–170	67	1685073	1685084
SDC5-T19-6,3 ×250	100	250	170–227	170–222/226	170–245	170–215	67	1685074	1685085
SDC5-T19-6,3×290	100	290	210–267	210–262/266	210–285	210–250	67	1685075	1685086

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.})



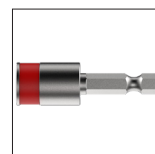
Fastener in carbon steel onto steel and timber

Product code	PU	L	CL _{met}	t _{fix, met}	CL _{timb}	t _{fix, timb}	TL	No washer
SDC5-6,3×60	100	60	18–40	18–35/39	18–48	13	32	1685087
SDC5-6,3×70	100	70	23–50	23–45/49	23–58	23	37	1679504
SDC5-6,3×80	100	80	33–60	33–55/59	33–68	33	37	1685088
SDC5-6,3×100	100	100	43–80	43–83/79	43–88	43–53	47	1685089
SDC5-6,3×120	100	120	53–100	53–95/99	53–108	53–73	57	1685090
SDC5-6,3×140	100	140	73–120	73–115/119	73–128	73–93	57	1685091
SDC5-6,3×160	100	160	93–140	93–135/139	93–148	93–113	57	1685092
SDC5-6,3×190	100	190	113–170	113–165/169	113–178	113–143	67	1685093
SDC5-6,3×220	100	220	143–200	143–195/199	143–208	143–173	67	1685094
SDC5-6,3 ×250	100	250	173–230	173–225/229	173–248	173–213	67	1685095
SDC5-6,3×290	100	290	213–270	213–265/269	213–288	213–253	67	1685096

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.})

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

Accessories/Ancillaries



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