

R-WX-T Self-drilling screws for steel

Screw for trapezoidal steel sheet – max thickness of 2 x 1.25mm, TORX25 drive



Approvals and Reports

- ETA-09/0346



Product information

Features and benefits

- Hardened thread surface
- High quality anti-corrosion coating guarantees resistance of 15 Kesternich cycles.
- Shape and type of the thread specially design to allow connecting to metal sheets
- The drill point is designed to provide a fast and hassle-free installation. Sharp point of the drill prevents movement of the surface of the fixture.
- Reduced drilling point ensures optimal tightness and correct hole diameter in thin metal sheets.
- Pre-assembly with other components is possible before installation

Applications

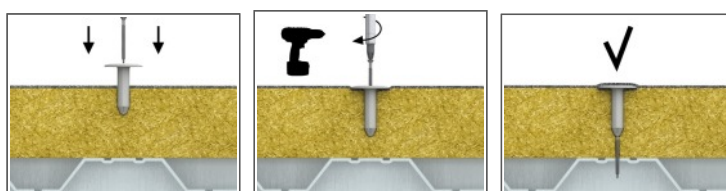
- Insulation layers on flat roofs together with a appropriate telescopic or steel washer

Base materials

Approved for use in:

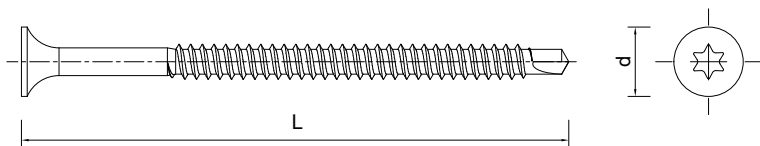
- Metal Sheet & Profiles

Installation guide



1. Lightly insert plastic sleeve into insulation material
2. Using drilling machine, drive the WX screw into substrate until fixing depth is reached

Product information



Product Code	Screw	
	Diameter	Length
	d	L
	[mm]	[mm]
R-WX-48T050	4.8	50
R-WX-48T060	4.8	60
R-WX-48T070	4.8	70
R-WX-48T080	4.8	80
R-WX-48T100	4.8	100
R-WX-48T120	4.8	120
R-WX-48T140	4.8	140
R-WX-48T160	4.8	160
R-WX-48T180	4.8	180
R-WX-48T200	4.8	200
R-WX-48T240	4.8	240
R-WX-48T300	4.8	300

Product Code			Plastic sleeve			Fixture		Length	Bite type	
			Diameter	Length	Plate diameter	Min. thickness	Max. thickness			
			d	L	D	t _{fix}	t _{fix}			L
			[mm]	[mm]	[mm]	[mm]	[mm]			[m]
GOK-015		GOK-PLUS-015	15.515.5	1515	5050	3030	280280			
GOK-035		GOK-PLUS-035	15.515.5	3535	5050	5050	300300			
GOK-065		GOK-PLUS-065	15.515.5	6565	5050	8080	330330			
GOK-075		GOK-PLUS-075	15.515.5	7575	5050	9090	340340			
GOK-085		GOK-PLUS-085	15.515.5	8585	5050	100100	350350			
GOK-095		GOK-PLUS-095	15.515.5	9595	5050	110110	360360			
GOK-105		GOK-PLUS-105	15.515.5	105105	5050	120120	370370			
GOK-125		GOK-PLUS-125	15.515.5	125125	5050	140140	390390			
GOK-135		GOK-PLUS-135	15.515.5	135135	5050	150150	400400			
GOK-165		GOK-PLUS-165	15.515.5	165165	5050	180180	430430			
GOK-185		GOK-PLUS-185	15.515.5	185185	5050	200200	450450			
GOK-225		GOK-PLUS-225	15.515.5	225225	5050	240240	490490			
GOK-255		GOK-PLUS-255	15.515.5	255255	5050	270270	520520			
GOK-285		GOK-PLUS-285	15.515.5	285285	5050	300300	550550			
GOK-325		GOK-PLUS-325	15.515.5	325325	5050	340340	590590			
GOK-385		GOK-PLUS-385	15.515.5	385385	5050	400400	650650			
GOK-425		GOK-PLUS-425	15.515.5	425425	5050	440440	690690			
	GOK-525-N		15.5	525	50	540	790			
	GOK-625-N		15.5	625	50	640	890			
	GOK-725-N		15.5	725	50	740	990			
								10010010 0100100	TORX-0 25	
									TORX-025/100	

Installation data

Substrate			Steel
Screw diameter	d	[mm]	4.8
Hole diameter in substrate	d ₀	[mm]	-
Min. hole depth in substrate	h ₀	[mm]	-
Min. installation depth	h _{nom}	[mm]	-
Min. substrate thickness	h _{min}	[mm]	0.63
Min. spacing	s _{min}	[mm]	120
Min. edge distance	c _{min}	[mm]	30

Product commercial data

Size	Product Code	Screw			Plastic sleeve		Length [mm]	Quantity [pcs]			Weight [kg]			Bar Codes	
		Length [mm]	Diameter [mm]	Length [mm]	Length [mm]	Box		Outer	Pallet	Box	Outer	Pallet			
Ø4.8	R-WX-48T050 ¹⁾	50						250	3000	72000	1.20	14.4	376.2	5906675104157	
	R-WX-48T060 ¹⁾	60						250	3000	72000	1.42	17.0	437.9	5906675104164	
	R-WX-48T070 ¹⁾	70						250	3000	72000	1.64	19.6	501.0	5906675104171	
	R-WX-48T080 ¹⁾	80						250	3000	72000	1.89	22.7	573.6	5906675104188	
	R-WX-48T100 ¹⁾	100						200	2400	57600	1.90	22.8	576.0	5906675104201	
	R-WX-48T120 ¹⁾	120						200	2400	57600	2.4	29.1	728.4	5906675104232	
	R-WX-48T140 ¹⁾	140						200	2400	57600	2.6	31.6	788.7	5906675104256	
	R-WX-48T160 ¹⁾	160						100	1200	28800	1.54	18.4	472.2	5906675104263	
	R-WX-48T180 ¹⁾	180						100	100	16800	1.75	1.75	324.7	5906675104270	
	R-WX-48T200 ¹⁾	200						100	100	16800	1.93	1.93	353.6	5906675104287	
	R-WX-48T240 ¹⁾	240						100	100	16800	2.3	2.3	408.8	5906675104300	
	R-WX-48T300 ¹⁾	300						100	100	16800	2.8	2.8	498.0	5906675104317	
	R-GOK-015		15.5	15				1100	1100	26400	6.6	6.6	188.9	5906675101033	
	R-GOK-035		15.5	35				600	600	14400	4.6	4.6	140.5	5906675101057	
	R-GOK-065		15.5	65				400	400	9600	4.3	4.3	132.3	5906675101170	
	R-GOK-075		15.5	75				300	300	7200	3.4	3.4	111.3	5906675106663	
	R-GOK-085		15.5	85				300	300	7200	3.8	3.8	122.0	5906675106687	
	R-GOK-095		15.5	95				250	250	6000	3.3	3.3	109.3	5906675106717	
	R-GOK-105		15.5	105				250	250	6000	3.7	3.7	119.1	5906675106748	
	R-GOK-125		15.5	125				200	200	4800	3.3	3.3	109.4	5906675106779	
	R-GOK-135		15.5	135				200	200	4800	3.4	3.4	112.6	5906675106830	
	R-GOK-165		15.5	165				150	150	3600	3.1	3.1	105.0	5906675106861	
	R-GOK-185		15.5	185				100	100	2400	2.4	2.4	87.1	5906675106885	
	R-GOK-225		15.5	225				100	100	2400	2.7	2.7	94.2	5906675107103	
	R-GOK-255		15.5	255				75	75	1800	2.4	2.4	88.0	5906675112855	
	R-GOK-285		15.5	285				75	75	1800	2.5	2.5	89.5	5906675107295	
	R-GOK-325		15.5	325				50	50	1200	2.0	2.0	76.8	5906675108056	
	R-GOK-385		15.5	385				50	50	800	2.1	2.1	62.8	5906675108117	
	R-GOK-425		15.5	425				50	50	800	2.4	2.4	68.2	5906675108629	
	R-GOK-525-N		15.5	525				50	50	400	4.2	4.2	63.3	5906675113883	
	R-GOK-625-N		15.5	625				50	50	400	4.7	4.7	67.5	5906675113890	
	R-GOK-725-N		15.5	725				50	50	400	5.2	5.2	71.6	5906675113906	
	GOK-PLUS-015		15.5	15					1100	1100	26400	7.2	7.2	203.4	5906675006086
	GOK-PLUS-035		15.5	35					600	600	14400	4.9	4.9	147.8	5906675006093
	GOK-PLUS-065		15.5	65					400	400	9600	4.4	4.4	135.3	5906675006109
	GOK-PLUS-075		15.5	75					300	300	7200	3.6	3.6	116.4	5906675006116
	GOK-PLUS-085		15.5	85					300	300	7200	3.9	3.9	124.6	5906675006123
	GOK-PLUS-095		15.5	95					250	250	6000	7.2	7.2	203.1	5906675006130
	GOK-PLUS-105		15.5	105					250	250	6000	3.7	3.7	118.8	5906675006147
	GOK-PLUS-125		15.5	125					200	200	4800	3.4	3.4	110.6	5906675006154
	GOK-PLUS-135		15.5	135					200	200	4800	3.6	3.6	115.4	5906675006161
	GOK-PLUS-165		15.5	165					150	150	3600	3.2	3.2	107.0	5906675006178
	GOK-PLUS-185		15.5	185					100	100	2400	2.4	2.4	88.0	5906675006185
	GOK-PLUS-225		15.5	225					100	100	2400	2.8	2.8	96.0	5906675006192
	GOK-PLUS-255		15.5	255					75	75	1800	2.3	2.3	85.9	5906675006208
	GOK-PLUS-285		15.5	285					75	75	1800	2.6	2.6	91.2	5906675006215
	GOK-PLUS-325		15.5	325					50	50	1200	2.0	2.0	76.9	5906675006222
GOK-PLUS-385		15.5	385					50	50	800	2.4	2.4	67.7	5906675006239	
GOK-PLUS-425		15.5	425					50	50	800	2.5	2.5	69.8	5906675006246	
RT-BIT-TORX25/100						100		12	480	960	0.37	14.9	59.8	5906675026022	
RT-BIT-TORX25/150						150		12	480	960	0.56	22.6	75.1	5906675026039	
RT-BIT-TORX25/200						200		12	240	960	0.74	14.9	89.5	5906675026046	
RT-BIT-TORX25/350						350		12	216	864	1.31	23.5	124.2	5906675026060	

Product commercial data

Size	Product Code	Screw		Plastic sleeve		Length [mm]	Quantity [pcs]			Weight [kg]			Bar Codes
		Length [mm]	Diameter [mm]	Length [mm]	Box		Outer	Pallet	Box	Outer	Pallet		
	RT-BIT-TORX25/450					460	12	144	864	1.66	19.9	149.2	5906675026077

1) ETA-09/0346