

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
- UKTA-22/6338



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

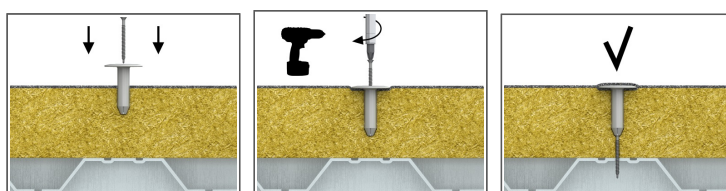
- Insulation layers on flat roofs together with a appropriate telescopic or steel washer

Base materials

Approved for use in:

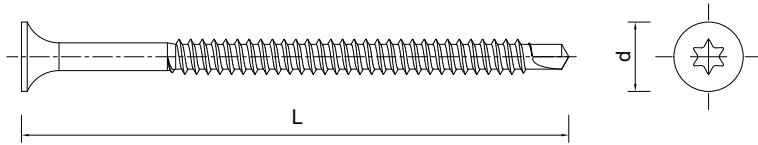
- Metal Sheet & Profiles

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}		
				[mm]	[mm]	[mm]	[mm]	[mm]		
R-GOK-015		GOK-PLUS-015		15.5	15	50	30	280		
R-GOK-035		GOK-PLUS-035		15.5	35	50	50	300		
R-GOK-065		GOK-PLUS-065		15.5	65	50	80	330		
R-GOK-075		GOK-PLUS-075		15.5	75	50	90	340		
R-GOK-085		GOK-PLUS-085		15.5	85	50	100	350		
R-GOK-095		GOK-PLUS-095		15.5	95	50	110	360		
R-GOK-105		GOK-PLUS-105		15.5	105	50	120	370		
R-GOK-125		GOK-PLUS-125		15.5	125	50	140	390		
R-GOK-135		GOK-PLUS-135		15.5	135	50	150	400		
R-GOK-165		GOK-PLUS-165		15.5	165	50	180	430		
R-GOK-185		GOK-PLUS-185		15.5	185	50	200	450		
R-GOK-225		GOK-PLUS-225		15.5	225	50	240	490		
R-GOK-255		GOK-PLUS-255		15.5	255	50	270	520		
R-GOK-285		GOK-PLUS-285		15.5	285	50	300	550		
R-GOK-325		GOK-PLUS-325		15.5	325	50	340	590		
R-GOK-385		GOK-PLUS-385		15.5	385	50	400	650		
R-GOK-425		GOK-PLUS-425		15.5	425	50	440	690		
	R-GOK-525-N			15.5	525	50	540	790		
	R-GOK-625-N			15.5	625	50	640	890		
	R-GOK-725-N			15.5	725	50	740	990		
			TORX-025/100						10010010 0100100	
									TORX-02 5TORX-0 25TORX- 025TORX -025TOR X-025	

Installation data

Substrate			Steel
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
Screw diameter	d	[mm]	4.8

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	
Ø4.8	R-WX-48T050 ¹⁾	50				250	3000	72000	1.17	14.1	367.8	5906675104157
	R-WX-48T060 ¹⁾	60				250	3000	72000	1.39	16.6	429.5	5906675104164
	R-WX-48T070 ¹⁾	70				250	3000	72000	1.61	19.3	492.2	5906675104171
	R-WX-48T080 ¹⁾	80				250	3000	72000	1.86	22.3	564.8	5906675104188
	R-WX-48T100 ¹⁾	100				200	2400	57600	1.86	22.4	566.8	5906675104201
	R-WX-48T120 ¹⁾	120				200	2400	57600	2.2	26.9	675.4	5906675104232
	R-WX-48T140 ¹⁾	140				200	2400	57600	2.6	31.3	780.2	5906675104256
	R-WX-48T160 ¹⁾	160				100	1200	28800	1.51	18.1	463.7	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	61600	6.6	6.6	400.8	5906675101033
	R-GOK-035		15.5	35		600	600	33600	5.0	5.0	307.0	5906675101057
	R-GOK-065		15.5	65		400	400	22400	4.3	4.3	268.1	5906675101170
	R-GOK-075		15.5	75		300	300	16800	3.8	3.8	241.7	5906675106663
	R-GOK-085		15.5	85		300	300	16800	3.8	3.8	244.2	5906675106687
	R-GOK-095		15.5	95		250	250	14000	3.8	3.8	240.6	5906675106717
	R-GOK-105		15.5	105		250	250	14000	3.7	3.7	236.1	5906675106748
	R-GOK-125		15.5	125		200	200	11200	3.5	3.5	224.8	5906675106779
	R-GOK-135		15.5	135		200	200	11200	3.5	3.5	224.1	5906675106830
	R-GOK-165		15.5	165		150	150	8400	3.1	3.1	201.5	5906675106861
	R-GOK-185		15.5	185		100	100	5600	2.3	2.3	158.9	5906675106885
	R-GOK-225		15.5	225		100	100	5600	2.6	2.6	176.4	5906675107103
	R-GOK-255		15.5	255		75	75	4200	2.3	2.3	158.1	5906675112855
	R-GOK-285		15.5	285		75	75	4200	2.5	2.5	168.9	5906675107295
	R-GOK-325		15.5	325		50	50	2800	2.0	2.0	139.2	5906675108056
	R-GOK-385		15.5	385		50	50	2000	2.3	2.3	119.9	5906675108117
	R-GOK-425		15.5	425		50	50	1600	2.4	2.4	106.4	5906675108629
	R-GOK-525-N		15.5	525		50	50	600	4.2	4.2	80.0	5906675113883
	R-GOK-625-N		15.5	625		50	50	600	4.7	4.7	86.2	5906675113890
	R-GOK-725-N		15.5	725		50	50	600	5.2	5.2	92.4	5906675113906
	GOK-PLUS-015		15.5	15		1100	1100	61600	7.7	7.7	460.2	5906675006086
	GOK-PLUS-035		15.5	35		600	600	33600	5.1	5.1	313.7	5906675006093
	GOK-PLUS-065		15.5	65		400	400	22400	4.6	4.6	285.2	5906675006109
	GOK-PLUS-075		15.5	75		300	300	16800	3.6	3.6	231.6	5906675006116
	GOK-PLUS-085		15.5	85		300	300	16800	3.9	3.9	248.6	5906675006123
	GOK-PLUS-095		15.5	95		250	250	14000	3.7	3.7	235.5	5906675006130
	GOK-PLUS-105		15.5	105		250	250	14000	3.9	3.9	247.8	5906675006147
	GOK-PLUS-125		15.5	125		200	200	11200	3.4	3.4	218.0	5906675006154
	GOK-PLUS-135		15.5	135		200	200	11200	3.6	3.6	233.8	5906675006161
	GOK-PLUS-165		15.5	165		150	150	8400	3.2	3.2	210.5	5906675006178
	GOK-PLUS-185		15.5	185		100	100	5600	2.5	2.5	172.0	5906675006185
	GOK-PLUS-225		15.5	225		100	100	5600	2.8	2.8	184.9	5906675006192
	GOK-PLUS-255		15.5	255		75	75	4200	2.4	2.4	164.3	5906675006208
GOK-PLUS-285		15.5	285		75	75	4200	2.6	2.6	173.6	5906675006215	
GOK-PLUS-325		15.5	325		50	50	2800	2.0	2.0	143.3	5906675006222	
GOK-PLUS-385		15.5	385		50	50	2400	2.4	2.4	142.8	5906675006239	
GOK-PLUS-425		15.5	425		50	50	2000	2.6	2.6	132.1	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