

## R-WO-T Screws for steel

Screw for trapezoidal steel sheet substrate; max thickness of 0.9mm, 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 and wood
- 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.
- Pre-assembly with other components is possible before installation

#### Applications

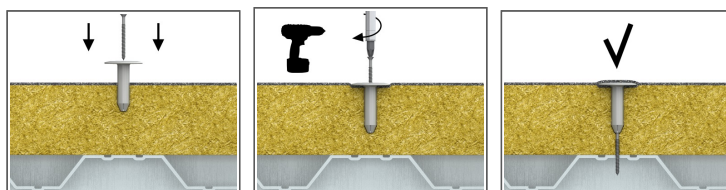
- Insulation layers on flat roofs together with a appropriate telescopic or steel washer

#### Base materials

##### Approved for use in:

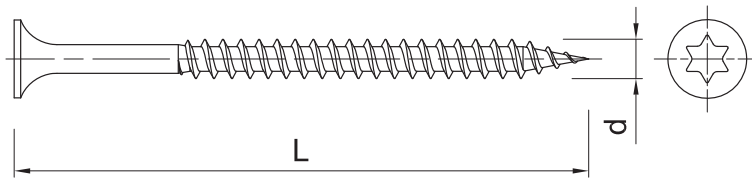
- Metal Sheet & Profiles
- Timber
- Chipboard
- Oriented Strand Board

### Installation guide



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

## Product information



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

Product Code		Plastic sleeve			Fixture		Length	Bite type
		Diameter	Length	Plate diameter	Min. thickness	Max. thickness		
		d	L	D	t <sub>fix</sub>	t <sub>fix</sub>		
		[mm]	[mm]	[mm]	[mm]	[mm]		
R-GOK-015		15.5	15	50	30	280		
R-GOK-035		15.5	35	50	50	300		
R-GOK-065		15.5	65	50	80	330		
R-GOK-075		15.5	75	50	90	340		
R-GOK-085		15.5	85	50	100	350		
R-GOK-095		15.5	95	50	110	360		
R-GOK-105		15.5	105	50	120	370		
R-GOK-125		15.5	125	50	140	390		
R-GOK-135		15.5	135	50	150	400		
R-GOK-165		15.5	165	50	180	430		
R-GOK-185		15.5	185	50	200	450		
R-GOK-225		15.5	225	50	240	490		
R-GOK-255		15.5	255	50	270	520		
R-GOK-285		15.5	285	50	300	550		
R-GOK-325		15.5	325	50	340	590		
R-GOK-385		15.5	385	50	400	650		
R-GOK-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					100100100 100100	TORX-025 TORX-025 TORX-025 TORX-025

## Installation data

Substrate			Steel	Chipboard OSB	Timber, grade C24
Hole diameter in substrate	d <sub>0</sub>	[mm]	-	-	-
Min. hole depth in substrate	h <sub>0</sub>	[mm]	-	-	-
Min. installation depth	h <sub>nom</sub>	[mm]	-	18	24
Min. substrate thickness	h <sub>min</sub>	[mm]	0.5	18	24
Min. spacing	s <sub>min</sub>	[mm]	120	120	120
Min. edge distance	c <sub>min</sub>	[mm]	30	30	30
Screw diameter	d	[mm]	4.8	4.8	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-WO-48T060 <sup>1)</sup>	60				250	3000	72000	1.38	16.6	428.6	5906675104676
	R-WO-48T080 <sup>1)</sup>	80				250	3000	72000	1.81	21.7	551.6	5906675104683
	R-WO-48T100 <sup>1)</sup>	100				200	3200	76800	1.85	29.6	741.2	5906675104690
	R-WO-48T120 <sup>1)</sup>	120				200	3200	76800	2.1	33.9	842.9	5906675104706
	R-WO-48T140 <sup>1)</sup>	140				200	2400	57600	2.5	30.4	760.4	5906675104713
	R-WO-48T160 <sup>1)</sup>	160				100	1200	28800	1.59	19.1	488.2	5906675104720
	R-WO-48T180 <sup>1)</sup>	180				100	100	16800	1.83	1.83	337.8	5906675104744
	R-WO-48T200 <sup>1)</sup>	200				100	100	16800	2.0	2.0	371.5	5906675104751
	R-WO-48T240 <sup>1)</sup>	240				100	100	16800	2.2	2.2	399.9	5906675104768
R-WO-48T300 <sup>1)</sup>	300				100	100	16800	2.7	2.7	485.8	5906675104775	
	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
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
RT-BIT-TORX25/450					460	12	144	864	1.66	19.9	149.2	5906675026077

1) ETA-09/0346