

WFS Wafer head self drilling screws

Special design of the drill point



Approvals and Reports

PN-EN 14566 + A1: 2012

DoP-EN14566

Reaction to fire: A1

Flexural strength: pass



Product information

Features and benefits

- Hardened surface of the thread (flexible core).
Corrosion resistant zinc coating has a thickness of no less than 5µm.

Applications

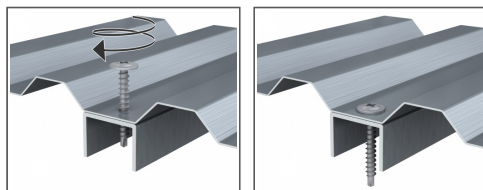
- Thin sheet metal to thin wall steel structures, plastic and building boards

Base materials

Approved for use in:

- Structural Steel
- PVC Profile
- Metal Sheet & Profiles

Installation guide



1. Screw must be installed at 90 degrees to substrate.
2. Special driver must be used.
3. Lowest torque setting on impact screwdriver to start.
4. Reduce speed when we finish assembly
5. Use a cordless Impact screwdriver. Note: Never use a power drill.
6. Never use a power drill.
7. For installation please use screwdriver of load capacity 1600 - 2000 rpm with regulated torque.

Product information

					
Size	Product Code	Screw		Fixture	Max. drilling thick- ness
		Diameter	Length	Max. thickness	
		d	L	t _{fix}	
		[mm]			
Ø4.2	WFS-4213	4.2	13	-	2.5
	WFS-4216	4.2	16	1	2.5
	WFS-4219	4.2	19	4	2.5
	WFS-4222	4.2	22	7	2.5
	WFS-4225	4.2	25	10	2.5
	WFS-4232	4.2	32	17	2.5
	WFSK-4213	4.2	13	-	2.5
	WFSK-4216	4.2	16	1	2.5
	WFSK-4219	4.2	19	4	2.5
	WFSK-4222	4.2	22	7	2.5
	WFSK-4225	4.2	25	10	2.5

Installation data

Size			Ø4.2	Ø4.2	Ø4.2
Min. installation depth	h _{nom}	[mm]	-	-	20
Min. substrate thickness	h _{min}	[mm]	3	0.5	40
Min. spacing	s _{min}	[mm]	30	30	30
Min. edge distance	c _{min}	[mm]	30	30	30
Substrate			PVC profile	Steel	Timber

Basic performance data

Performance data for single screw without influence of edge distance and spacing

Size		Ø4.2	
Substrate thickness 3	-	PVC profile	
Substrate thickness 0.75	-	Steel	
Substrate thickness 2	-	Steel	

Product commercial data

Product Code	Screw	Quantity [pcs]			Weight [kg]			Bar Codes
	Length [mm]	Box	Outer	Pallet	Box	Outer	Pallet	
WFS-4213	13	1000	16000	384000	1.51	24.1	607.9	5906675308227
WFS-4216	16	1000	16000	384000	1.80	28.8	722.0	5906675308326
WFS-4219	19	500	8000	192000	0.99	15.8	409.8	5906675308425
WFS-4222	22	500	8000	192000	1.10	17.6	452.0	5906675308524
WFS-4225	25	500	8000	192000	1.18	18.9	484.3	5906675308623
WFS-4232	32	500	8000	192000	1.40	22.3	566.1	5906675308821
WFSK-4213	13	4	4	360	4.1	4.1	397.5	5906675114149
WFSK-4216	16	4	4	360	4.1	4.1	397.7	5906675114156
WFSK-4219	19	4	4	360	4.1	4.1	397.7	5906675114163
WFSK-4222	22	4	4	360	4.1	4.1	397.8	5906675114170
WFSK-4225	25	4	4	360	4.1	4.1	397.3	5906675114187