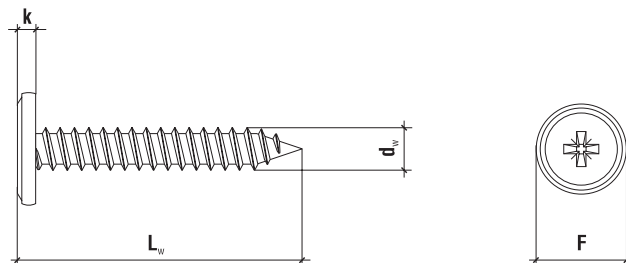


WPC Flange head self-tapping screw



PN-EN 14566+A1:2010



Description

Flange head self-tapping screw for fixing making lap joints in steel sheets.

Protective coating / Material



Technical parameters

Screw diameter	d_w [mm]	4.2
Drilling capacity	t_{max} [mm]	2.0
Drive type	-	PH-2
Head height	k [mm]	2.3
Head diameter	F [mm]	11.0
Tip length	[mm]	-
Screw material	[-]	heat-treated carbon steel
Protective coating	[-]	galvanized zinc coating min. 5 μ m
Substrate material	steel	min. S235JR
Norma	[-]	PN-EN 14566+A1:2010

Features and advantages

Sharp tip	Sharp ending of tip facilitates and accelerates fixing process
Correct lead and length of threading	Appropriate construction of threading ensures the correct connection of the elements
Washer head	Ensures the appropriate pressure of the fixed element
Anti-corrosion coating - electro-galvanized	Thickness of zinc coating min. 12 μ m, guarantee of quality and high level of anti-corrosion protection

$\varnothing 4.2$	Code	$d_w \times L_w$ [mm]	Max. effective length t_{fix} [mm]	
	WPC-42013	4.2x13	10	1000
WPC-42016	4.2x16	13	1000	
WPC-42019	4.2x19	16	1000	
WPC-42025	4.2x25	20	500	
WPC-42032	4.2x32	25	500	
WPC-42040	4.2x40	35	400	
WPC-42050	4.2x50	45	300	
WPC-42065	4.2x65	60	250	

How to read the code, e.g. WPC-42016?

WPC	42	016
Type	Diameter 4.2mm	Length 16mm

Installation parameters

Screw diameter	d_w [mm]	4.2
Min. substrate thickness	h_{min} [mm]	0.5
Anchorage depth	h_{eff} [mm]	push-through installation
Min. spacing	s_{min} [mm]	50
Min. edge distance	c_{min} [mm]	25