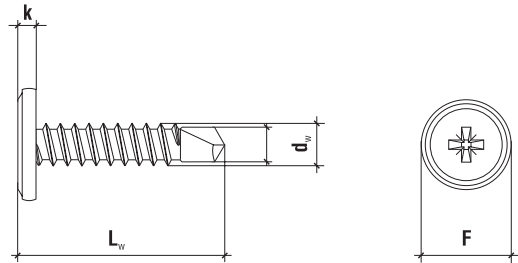


WSPC Flange head self-drilling screw



PN-EN 14566+A1:2010



Description

Flange head self-drilling screw for 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]	8.0
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

Self-drilling tip	Ability of drilling plates of thickness up to 2 mm, short time of fixing
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]	
	WSPC-42013	4.2x13	3	1000
	WSPC-42016	4.2x16	6	1000
	WSPC-42019	4.2x19	9	1000
	WSPC-42025	4.2x25	15	500
	WSPC-42032	4.2x32	22	500
	WSPC-42045	4.2x45	35	300
	WSPC-42050	4.2x50	40	1000
	WSPC-42055	4.2x55	45	300

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

WSPC	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