



PS / PS + ARVUL



PSL / PSL + ARVUL



PS + ARVULA2



PSL + ARVULA2

CHARACTERISTICS

- Drill point: drill material directly with no need for prior drilling.
- Normal point n°3 for installation on straps (PS) and long point n°5 for installation on beams (PSL).
- Self-tapping thread with two bodies of equal thread (PS) and self-tapping thread with two bodies with different threading (PSL).
- Versions with galvanized steel of EPDM washer.
- Zinc-plated coating.
- Available in four or five lengths, for PS and PSL respectively.

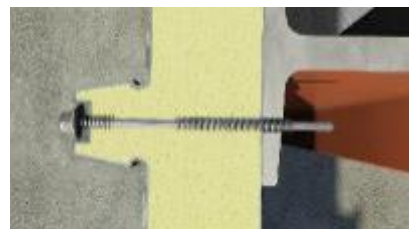
APPLICATIONS

- Screw for joining sandwich panel-type enclosures and decking.
- For watertight sealed joints on façades and decking.
- Suitable for fixing elements to IPN beams.



















BASE MATERIALS



APPLICATION EXAMPLES



1. RANGE

ITEM	CODE	PHOTO	DIAMETER [mm]	LENGTH [mm]	THICKNESS TO BE FIXED [mm]	RECESS	COATING
1	PS		5,5 / 6,3	60 ÷ 180	31 / 165		
2	PS+ ARVUL		5,5 / 6,3	60 ÷ 115	31 / 100		
3	PS+ ARVUL A2		5,5 / 6,3	195 ÷ 230	123 / 215		
4	PSL		5,5 / 6,3	75 ÷ 230	33 / 215		
5	PSL+ ARVUL		5,5 / 6,3	75 ÷ 150	33 / 135		
6	PSL+ ARVUL A2		5,5 / 6,3	255 ÷ 285	173 / 270		

2. INSTALLATION DATA

2.1

PS

Self-drilling screw for sandwich panels

Proprieties



Steel


Zinc-plated
coating


Hexagonal with washer



Characteristics

- Drill point: allows for drilling directly into metallic materials; up to thickness of 6 mm (straps). No prior drilling required.
- Self-tapping thread and zinc-plated coating.
- Hexagonal recess with washer head.
- Installation drill speed: 1000 – 1800rpm.
- Application: fixing sandwich panels on straps.

Benefits



Drill point

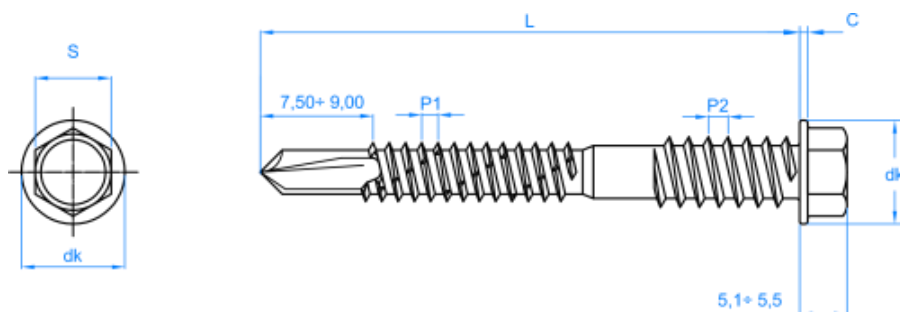


Installation with screwdriver

Installation data

CODE		PS55060	PS55082	PS55098	PS55115	PS55130	PS55150	PS55180
L: lengths	[mm]	60	82	98	115	130	150	180
Dk: head diameter	[mm]	10.50	10.50	10.50	10.50	10.50	10.50	10.50
C: washer head thickness	[mm]	1	1	1	1	1	1	1
P1: thread ST 5.5	[mm]	1.8	1.8	1.8	1.8	1.8	1.8	1.8
P2: thread ST 6.3	[mm]	1.8	1.8	1.8	1.8	1.8	1.8	1.8
S: spanner	[mm]	8	8	8	8	8	8	8
Drill hole capacity	[mm]	1.5-6.0	1.5-6.0	1.5-6.0	1.5-6.0	1.5-6.0	1.5-6.0	1.5-6.0
Thickness of sandwich panel to be fixed	[mm]	31-45	43-67	54-83	56-100	66-115	86-135	116-165
Installation point code		BOCA 008	BOCA 008	BOCA 008	BOCA 008	BOCA 008	BOCA 008	BOCA 008

PLAN

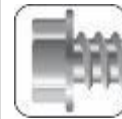


2.2 PS + ARVUL

Self-drilling screw for sandwich panels with EPDM washer



Proprieties



Steel

Zinc-plated
coating

Hexagonal with washer + ARVUL

Characteristics

- Drill point: allows for drilling directly into metallic materials, up to a thickness of 6 mm (straps). No prior drilling required.
- 16 mm diameter EPDM washer to ensure water tightness in panels installed in outdoor enclosures and decking; see "ARVUL" washer technical datasheet.
- Self-tapping thread and zinc-plated coating.
- Hexagonal recess with washer head.
- Installation drill speed: 1000 – 1800 rpm.
- Application: fixing sandwich panels on straps.

Benefits



Drill point

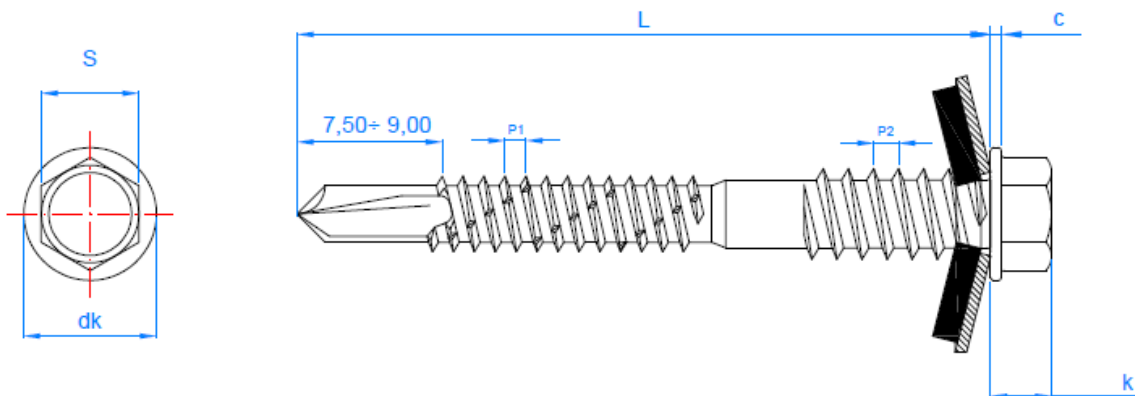


Installation with screwdriver

Installation data

CODE		PS1655060	PS1655082	PS1655098	PS1655115
L: lengths	[mm]	60	82	98	115
Dk: head diameter	[mm]	10.50	10.50	10.50	10.50
C: washer head thickness	[mm]	1	1	1	1
P1: thread ST 5.5	[mm]	1.8	1.8	1.8	1.8
P2: thread ST 6.3	[mm]	1.8	1.8	1.8	1.8
S: spanner	[mm]	8	8	8	8
Drill hole capacity	[mm]	1.5-6.0	1.5-6.0	1.5-6.0	1.5-6.0
Thickness of sandwich panel to be fixed	[mm]	31-45	43-67	54-83	56-100
Installation point code		BOCA008	BOCA008	BOCA008	BOCA008

PLAN



2.3 PS + ARVUL A2

Organic coated self-drilling screw for sandwich panels with EDPM stainless A2 washer



Proprieties



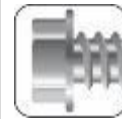
Steel



Organic coating



Hexagonal with washer + ARVUL A2



Characteristics

- Drill point: allows for drilling directly into metallic materials, up to a thickness of 6 mm (straps). No prior drilling required.
- 19 mm diameter EPDM washer to ensure water tightness in panels installed in outdoor enclosures and decking.
- Self-tapping thread and C4 organic coating.
- Hexagonal recess with washer head.
- Installation drill speed: 1000 – 1800 rpm.
- Application: fixing sandwich panels on straps.

Benefits



Drill point

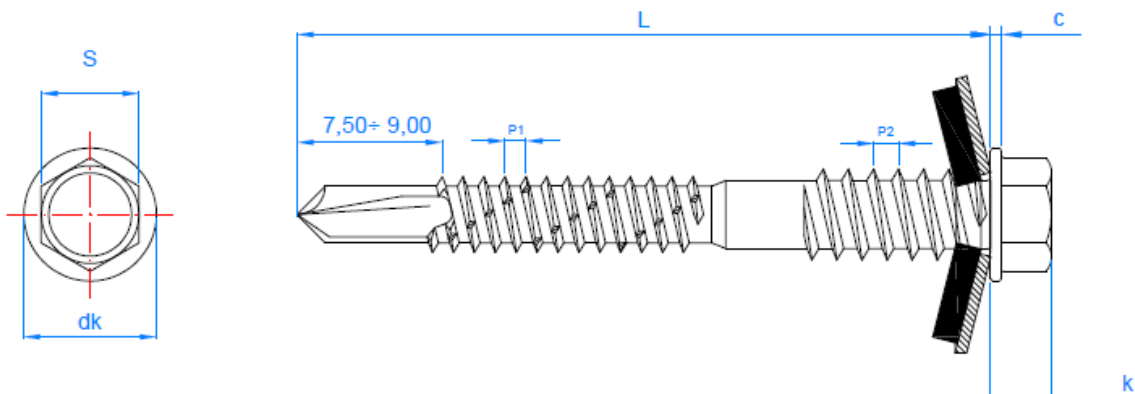


Installation with screwdriver

Installation data

CODE		PS1955195	PS1955230
L: lengths	[mm]	195	230
Dk: head diameter	[mm]	10.50	10.50
C: washer head thickness	[mm]	1	1
P1: thread ST 5.5	[mm]	1.8	1.8
P2: thread ST 6.3	[mm]	1.8	1.8
S: spanner	[mm]	8	8
Drill hole capacity	[mm]	1.5-6.0	1.5-6.0
Thickness of sandwich panel to be fixed	[mm]	123-180	176-215
Installation point code		BOCA 008	BOCA 008

PLAN



2.4 PSL

Self-drilling screw for sandwich panels



Proprieties



Steel



Zinc-plated
coating



Hexagonal with washer



Characteristics

- Drill point: allows for drilling directly into metallic materials, up to a thickness of 6 mm (straps) and up to 12 mm (beams). No prior drilling required.
- Self-tapping thread and zinc-plated coating.
- Hexagonal recess with washer head.
- Installation drill speed: 1000 – 1800 rpm.
- Application: fixing sandwich panels on beams

Benefits



Drill point

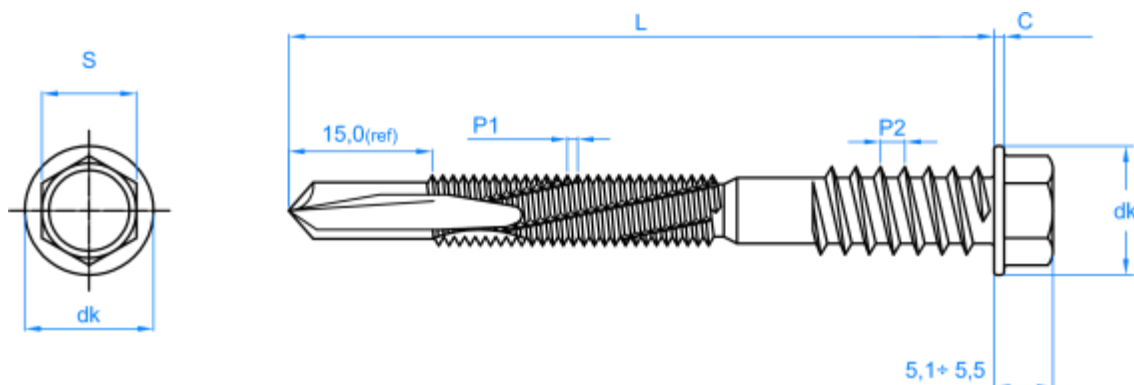


Installation with screwdriver

Installation data

CODE		PSL55075	PSL55085	PSL55105	PSL55130	PSL55150	PSL55175	PSL55200	PSL55230
L: lengths	[mm]	75	85	105	130	150	175	200	230
Dk: head diameter	[mm]	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50
C: washer head thickness	[mm]	1	1	1	1	1	1	1	1
P1: thread ST 5.5	[mm]	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
P2: thread ST 6.3	[mm]	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
S: spanner	[mm]	8	8	8	8	8	8	8	8
Drill hole capacity	[mm]	6.0-12.0	6.0-12	6.0-12	6.0-12	6.0-12	6.0-12	6.0-12	6.0-12
Thickness of sandwich panel to be fixed	[mm]	33-60	38-70	48-90	63-115	83-135	108-160	133-185	163-215
Installation point code		BOCA 008	BOCA 008	BOCA 008	BOCA 008	BOCA 008	BOCA 008	BOCA 008	BOCA 008

PLAN



2.5 PSL + ARVUL

Self-drilling screw for sandwich panels with EPDM washer



Proprieties



Steel

Zinc-plated coating

Hexagonal with washer + ARVUL

Characteristic

- Drill point: allows for drilling directly into metallic materials, up to a thickness of 6 mm (straps) and up to 12 mm (beams). No prior drilling required.
- 16 mm diameter EPDM washer to ensure water tightness in panels installed in outdoor enclosures and decking; see "ARVUL" washer technical datasheet.
- Self-tapping thread and zinc-plated coating
- Installation drill speed: 1000 – 1800 rpm.
- Application: fixing sandwich panels on beams.

Benefits



Long drill point

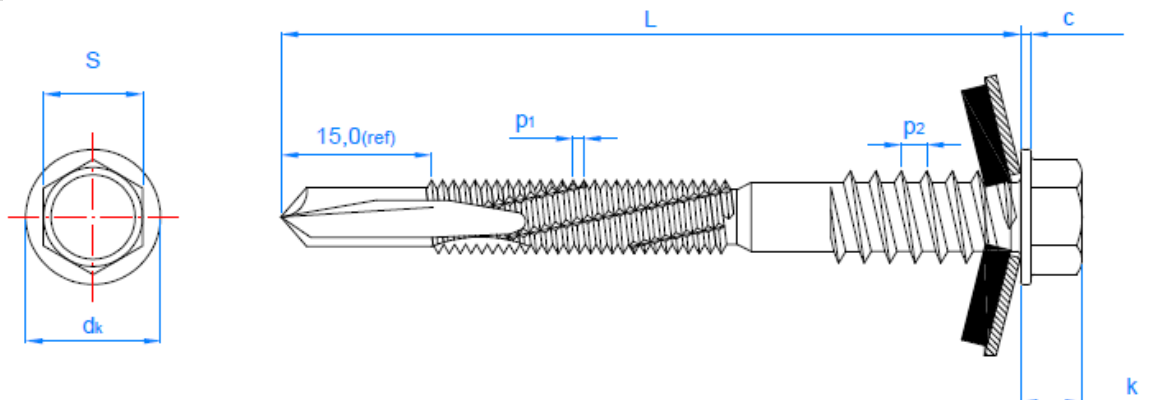


Installation with screwdriver

Installation data

CODE		PSL1655075	PSL1655085	PSL1655105	PSL1655130	PSL1655150	PSL1655175	PSL1655200	PSL1655230
L: lengths	[mm]	75	85	105	130	150	175	200	230
Dk: head diameter	[mm]	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50
C: washer head thickness	[mm]	1	1	1	1	1	1	1	1
P1: thread ST 5.5	[mm]	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
P2: thread ST 6.3	[mm]	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
S: spanner	[mm]	8	8	8	8	8	8	8	8
Drill hoe capacity	[mm]	6.0-12.0	6.0-12	6.0-12	6.0-12	6.0-12	6.0-12	6.0-12	6.0-12
Thickness of sandwich panel to be fixed	[mm]	33-60	38-70	48-90	63-115	83-135	108-160	133-185	163-215
Installation point code		BOCA 008	BOCA 008	BOCA 008	BOCA 008	BOCA 008	BOCA 008	BOCA 008	BOCA 008

PLAN



2.6 PSL + ARVUL A2

Organic coated self-drilling screw for sandwich panels with EDPM stainless A2 washer



Proprieties



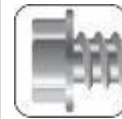
Steel



Organic coating



Hexagonal with washer + ARVUL A2



Characteristics

- Drill point: allows for drilling directly into metallic materials, up to a thickness of 6 mm (straps) ad up to 12 mm (beams). No prior drilling required.
- Self-tapping thread and C4 organic coating.
- Hexagonal recess with washer head.
- Installation drill speed: 1000 – 1800 rpm.
- Application: fixing sandwich panels on beams.

Benefits



Drill point

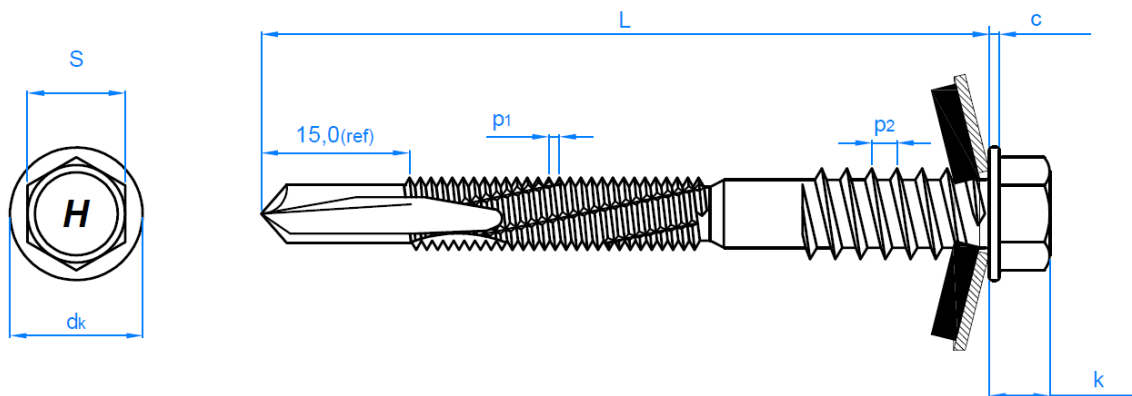


Installation with screwdriver

Installation data

CODE		PSL1955255	PSL1955285
L: lengths	[mm]	255	285
Dk: head diameter	[mm]	10,50	10,50
C: washer head thickness	[mm]	1	1
P1: thread ST 5.5	[mm]	1.05	1.05
P2: thread ST 6.3	[mm]	1.8	1.8
S: spanner	[mm]	8	8
Drill hole capacity	[mm]	6.0 - 12.0	6.0 - 12.0
Thickness of sandwich panel to be fixed	[mm]	173-240	203-270
Installation point coed		BOCA 008	BOCA 008

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3. SCREW CHARACTERISTIC RESISTANCES

RESISTANCE [kN]		
PRODUCT	MAXIMUM RECOMMENDED LOAD	
	Sheet thickness [mm]	N _{rec} [kN]
PS 3	2,0	1,77
	3,5	2,86
	5,0	3,43
PS 5	6,0	3,87
	8,0	7,21