

## LOW PROFILE PAN HEAD



- A light duty metal to metal screw with a reduced pan to give a flush finish. Silver organic plated to withstand over 500 hours salt spray test.



PHILLIPS

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URBAN & INDUSTRIAL AREAS  
WITH A LOW SALT ATMOSPHERE

EXTERIOR

## FEATURES

- For fixing steel to steel applications, particularly metal framing systems.
- A light duty metal to metal screw with a reduced head depth to give a flush finish.
- Large head  $\varnothing$  for increased clamping.
- Coarse 60° self tapping thread for extreme grip & excellent pull out.
- Silver Ruspert plated to withstand over 500 hours salt spray test.
- Phillips No2 recess for a positive drive.
- Driver bit included.
- Full batch traceability.
- Conforms to BS EN 10666 (DIN 7504)

## PRODUCT RANGE

EXTERIOR

Product Code	Size $\varnothing$ x Length (mm) $d_p \times L$	Driver Bit Size	Max Drill Thickness (mm)
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Information also applies to other packaging options.

LPP16	4.8 x 16	No.2	4
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## PERFORMANCE DATA

Steel Gauge - Grade S275JR Steel Test Plate	4.0mm
Rec. Tensile Load	2.85 kN
Max. Rec. Load	285kg

All stated figures are for reference and to be used only as a guideline. The test data stated is also for reference only as this may not represent the actual figures you may achieve in the specific application.

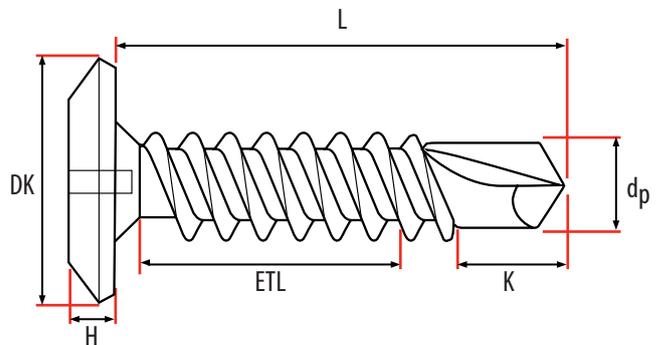
## DIMENSIONAL DATA

Product Code	$d_p$ (mm)	L (mm)	DK (mm)	H (mm)	K (mm)	ETL (mm)
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Information also applies to other packaging options.

LPP16	4	16	9.5	2	5	7.0
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\*all figures stated are approximate and for reference only.



DK	Head Diameter
L	Length
H	Head Depth
$d_p$	Drill Point Diameter
K	Drill Point
ETL	Effective Thread Length

## LOW PROFILE WAFER HEAD



• A light duty metal to metal screw with a large flat surface under the head, making it ideal for fixing thinner sheet material when a flush finish is required.



## FEATURES

- Large head  $\varnothing$  for increased clamping.
- Coarse 60° self tapping thread for extreme grip & excellent pull out.
- Silver Ruspert plated to withstand over 500 hours salt spray test.
- Phillips No2 recess for a positive drive.
- Driver bit included.
- Full batch traceability.
- Conforms to BS EN 10666 (DIN 7504)

## PRODUCT RANGE

EXTERIOR

Product Code	Size $\varnothing$ x Length (mm) $d_p \times L$	Driver Bit Size	Max Drill Thickness (mm)
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Information also applies to other packaging options.

LPW22	4.8 x 22	No.2	4.0
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## PERFORMANCE DATA

Steel Gauge - Grade S275JR Steel Test Plate	4.0mm
Rec. Tensile Load	2.85 kN
Max. Rec. Load	285kg

All stated figures are for reference and to be used only as a guideline. The test data stated is also for reference only as this may not represent the actual figures you may achieve in the specific application.

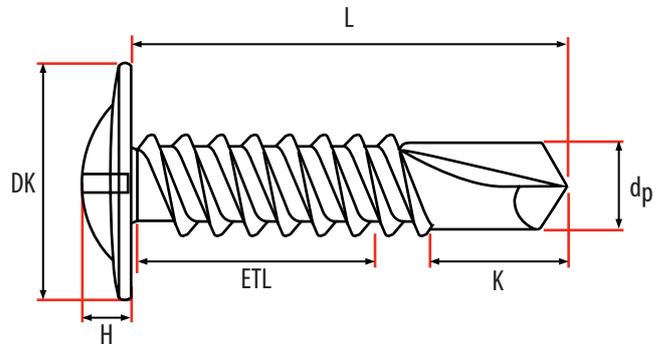
## DIMENSIONAL DATA

Product Code	$d_p$ (mm)	L (mm)	DK (mm)	H (mm)	K (mm)	ETL (mm)
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Information also applies to other packaging options.

22LPW	4.0	22.0	11.5	2.5	5.0	13.0
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\*all figures stated are approximate and for reference only.



DK	Head Diameter
L	Length
H	Head Depth
$d_p$	Drill Point Diameter
K	Drill Point
ETL	Effective Thread Length

## LOW PROFILE PANCAKE HEAD



• A medium duty metal to metal screw with a large flat surface under the head, making it ideal for fixing thinner sheet material when a flush finish is required.



## FEATURES

- Large head Ø for increased clamping.
- Coarse 60° self tapping thread for extreme grip & excellent pull out.
- Silver Ruspert plated to withstand over 500 hours salt spray test.
- Phillips No2 recess for a positive drive.
- Driver bit included.
- Full batch traceability.
- Conforms to BS EN 10666 (DIN 7504)

## PRODUCT RANGE

EXTERIOR

Product Code	Size Ø x Length (mm) d <sub>p</sub> x L	Driver Bit Size	Max Drill Thickness (mm)
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Information also applies to other packaging options.			
FP19	5.5 x 19	No.2	5
FP26	5.5 x 26	No.2	5

## PERFORMANCE DATA

Steel Gauge - Grade S275JR Steel Test Plate	5.0mm
Rec. Tensile Load	3.19 kN
Max. Rec. Load	319kg

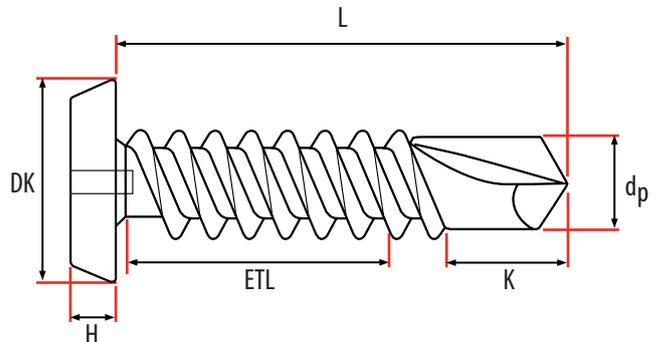
All stated figures are for reference and to be used only as a guideline. The test data stated is also for reference only as this may not represent the actual figures you may achieve in the specific application.

## DIMENSIONAL DATA

Product Code	d <sub>p</sub> (mm)	L (mm)	DK (mm)	H (mm)	K (mm)	ETL (mm)
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Information also applies to other packaging options.						
FP19	4.5	19	10	2	6	9.0
FP26	4.5	26	10	2	6	16.0

\*all figures stated are approximate and for reference only.



DK	Head Diameter
L	Length
H	Head Depth
d <sub>p</sub>	Drill Point Diameter
K	Drill Point
ETL	Effective Thread Length



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02/11/2015

T I Midwood & Company Limited  
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Dear Sirs

**RE: Use of TIM Co fixings with Metsec Framing**

I can confirm that the following fixings are acceptable for use with Metsec Framing:

TIM Co Phillips Low Profile Pancake Head Self Drilling Screws 5.5mm x 19mm (FP19)  
TIM Co Phillips Low Profile Pancake Head Self Drilling Screws 5.5mm x 26mm (FP26)  
TIM Co Phillips Hex Head Self Drilling Screws 5.5mm x 25mm

We can confirm that the tested shear and tensile values are within the requirements of Metsec and therefore these fixings can be used with Metsec SFS Framing.

In addition we have reviewed the range of lengths of these fixings and can confirm that where needed these types of screws at longer lengths may also be used with Metsec SFS Framing.

Yours sincerely

John Couldwell  
Technical Manager - SFS