evolution

PRODUCT GUIDE
2020

as stocked by

Elite Fasteners

Specialist Distributors to the Construction Industry

Version 1.1

E & O E

Elite Fasteners

Specialist Distributors to the Construction Industry

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Standard Tek

Bonded Hex Washer Head Tek 3
For 1.2mm - 3.5mm Steel

TECHNICAL

✓ Evoshield Coating

Designed For:	Fixing cladding and roofing applications to hot and cold rolled purlins/rails
Head Style:	Hexagonal
Drive:	5/16” hexagonal
Washer:	16mm Ø bonded EPDM or 19mm Ø bonded EPDM
Thread Form:	Coarse thread (Tek 3)
Shank Material:	Carbon steel
Material Grade:	SAE C1022
Coating:	500Hr EvoShield®

- ✓ Super hard, super sharp drill tips ensure fast drill times
- ✓ Hex flange head with bonded washer
- ✓ Bonded steel washer can act as isolation between substrate and fixture, as an aid to clamping where fixture clearance hole sizes require, and as a weatherseal

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Standard Tek

Bonded Hex Washer Head Tek 3 For 1.2mm - 3.5mm Steel

Code	Size	Box	Carton	Washer Size	Evoshield Coating
TSBW5.5-26-3	5.5 x 26mm	250	3,500	16mm	✓
TSBW5.5-32-3	5.5 x 32mm	250	3,500	16mm	✓
TSBW5.5-38-3	5.5 x 38mm	250	3,000	16mm	✓
TSBW5.5-50-3	5.5 x 50mm	100	1,400	16mm	✓
TSBW5.5-60-3	5.5 x 60mm	100	1,400	16mm	✓
TSBW5.5-75-3	5.5 x 75mm	100	1,400	16mm	✓
TSBW5.5-100-3	5.5 x 100mm	100	1,200	16mm	✓
TSBW5.5-125-3	5.5 x 125mm	100	900	16mm	✓
TSBW19-5.5-26-3	5.5 x 26mm	250	3,000	19mm	✓
TSBW19-5.5-38-3	5.5 x 38mm	250	2,250	19mm	✓
TSBW19-5.5-50-3	5.5 x 50mm	100	1,200	19mm	✓
TSBW19-5.5-60-3	5.5 x 60mm	100	1,200	19mm	✓
TSBW19-5.5-75-3	5.5 x 75mm	100	1,200	19mm	✓
TSBW19-5.5-100-3	5.5 x 100mm	100	900	19mm	✓

TSBW-3 Usability Data					
Part Number Carbon Steel	Washer Dia. (mm)	Nom. Dia. (mm)	Nom. Lgth. (mm)	Thread Lgth. (mm)	Drill Cap. (mm)
TSBW5.5-26-3	16	5.5	26	FULL	1.2 – 3.5
TSBW5.5-32-3			32		
TSBW5.5-38-3			38		
TSBW5.5-50-3			50		
TSBW5.5-60-3			60		
TSBW5.5-75-3			75		
TSBW5.5-100-3			100	75	
TSBW5.5-125-3			125		
TSBW19-5.5-26-3	19		26	FULL	
TSBW19-5.5-38-3			38		
TSBW19-5.5-50-3			50		
TSBW19-5.5-60-3			60		
TSBW19-5.5-75-3			75		
TSBW19-5.5-100-3			100	75	

Standard Tek

Bonded Hex Washer Head Tek 5
For 4mm - 12.5mm Steel

TECHNICAL

✓ Evoshield Coating

Designed For:	Fixing cladding and roofing applications to hot and cold rolled purlins/rails
Head Style:	Hexagonal
Drive:	5/16” hexagonal
Washer:	16mm Ø bonded EPDM
Thread Form:	Fine thread (Tek 5)
Shank Material:	Carbon steel
Material Grade:	SAE C1022
Coating:	500Hr EvoShield®

- ✓ Super hard, super sharp drill tips ensure fast drill times
- ✓ Hex flange head with bonded washer
- ✓ Precision formed concave fluting gives speedy chip removal
- ✓ Bonded steel washer can act as isolation between substrate and fixture, as an aid to clamping where fixture clearance hole sizes require, and as a weatherseal

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Standard Tek

Bonded Hex Washer Head Tek 5 For 4mm - 12.5mm Steel

Code	Size	Box	Carton	Evoshield Coating
TSBW5.5-38-5	5.5 x 38mm	100	2,400	✓
TSBW5.5-50-5	5.5 x 50mm	100	1,400	✓
TSBW5.5-60-5	5.5 x 60mm	100	1,400	✓
TSBW5.5-70-5	5.5 x 70mm	100	1,400	✓
TSBW5.5-85-5	5.5 x 85mm	100	1,400	✓
TSBW5.5-100-5	5.5 x 100mm	100	1,200	✓

TSBW-5 Usability Data					
Part Number Carbon Steel	Washer Dia. (mm)	Nom. Dia. (mm)	Nom. Lgth. (mm)	Thread Lgth. (mm)	Drill Cap. (mm)
TSBW5.5-38-5	16	5.5	38	FULL	4.0 – 12.5
TSBW5.5-50-5			50		
TSBW5.5-60-5			60		
TSBW5.5-70-5			70		
TSBW5.5-85-5			85	75	
TSBW5.5-100-5			100		

Standard Tek

Unwashered Hex Head Tek 3
For 1.2mm - 3.5mm Steel

TECHNICAL

✓ Evoshield Coating

Designed For:	Fixing cladding and roofing applications to hot and cold rolled purlins/rails
Head Style:	Hexagonal
Drive:	5/16” hexagonal
Thread Form:	Coarse Thread (Tek 3)
Shank Material:	Carbon steel
Material Grade:	SAE C1022
Coating:	500Hr EvoShield®

- ✓ Super hard, super sharp drill tips ensure fast drill times
- ✓ Hex flange head design provides sure clamping action
- ✓ Aggresive thread form design guarantees consistent tapping and superb holding power

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Standard Tek

Unwashered Hex Head Tek 3 For 1.2mm - 3.5mm Steel

Code	Size	Box	Carton	Evoshield Coating
TSHW4.8-16-3	4.8 x 16mm	200	4,800	✓
TSHW5.5-25-3	5.5 x 25mm	250	3,500	✓
TSHW5.5-32-3	5.5 x 32mm	250	3,500	✓
TSHW5.5-38-3	5.5 x 38mm	250	3,500	✓
TSHW5.5-50-3	5.5 x 50mm	100	1,400	✓
TSHW5.5-60-3	5.5 x 60mm	100	1,400	✓
TSHW5.5-75-3	5.5 x 75mm	100	1,400	✓
TSHW5.5-100-3	5.5 x 100mm	100	1,400	✓
TSHW5.5-125-3	5.5 x 125mm	100	1,200	✓

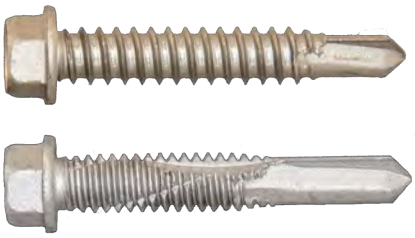
TSHW-3 (Usability Data)				
Part Number	Nominal Dia. (mm)	Nominal Lgth. (mm)	Threaded Lgth. (mm)	Drilling Capacity (mm)
TSHW4.8-16-3	5.5	16	FULL	1.2 – 4.0
TSHW5.5-25-3		25		
TSHW5.5-32-3		32		
TSHW5.5-38-3		38		
TSHW5.5-50-3		50		
TSHW5.5-60-3		60		
TSHW5.5-75-3		75		
TSHW5.5-100-3		100	75.0	
TSHW5.5-125-3		125		

Heavy Duty Standard Tek

Unwashered Hex Head

TECHNICAL

✓ Evoshield Coating



Designed For:	Fixing cladding and roofing applications to hot and cold rolled purlins/rails
Head Style:	Hexagonal
Drive:	5/16” hexagonal
Thread Form:	Coarse Thread (Tek 3) Fine thread (Tek 5)
Shank Material:	Carbon steel
Material Grade:	SAE C1022
Coating:	500Hr EvoShield®

- ✓ Super hard, super sharp drill tips ensure fast drill times
- ✓ Hex flange head design provides sure clamping action
- ✓ Aggresive thread form design guarantees consistent tapping and superb holding power
- ✓ Larger diameter gives greater shear performance

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Heavy Duty Standard Tek

Unwashered Hex Head

Code	Size	Box	Carton	Evoshield Coating
TSHW6.3-25-3	6.3 x 25mm	250	3,500	✓
TSHW6.3-38-3	6.3 x 38mm	250	3,000	✓
TSHW6.3-50-3	6.3 x 50mm	100	1,400	✓
TSHW6.3-38-5	6.3 x 38mm	100	2,400	✓
TSHW6.3-50-5	6.3 x 50mm	100	1,400	✓

TSHW-3 (Usability Data)				
Part Number	Nominal Dia. (mm)	Nominal Lgth. (mm)	Threaded Lgth. (mm)	Drilling Capacity (mm)
TSHW6.3-25-3	6.3	25	FULL	1.2 – 4.0
TSHW6.3-38-3		38		
TSHW6.3-50-3		50		

TSHW-5 Usability Data				
Part Number	Nom. Dia. (mm)	Nom. Lgth. (mm)	Thread Lgth. (mm)	Drill Capacity (mm)
TSHW6.3-38-5	6.3	38	Full	4.0 – 12.5
TSHW6.3-50-5		50		

Standard Tek

Unwashered Hex Head Tek 5
For 4mm - 12.5mm Steel

TECHNICAL

✓ Evoshield Coating

Designed For:	Fixing cladding and roofing applications to hot and cold rolled purlins/rails
Head Style:	Hexagonal
Drive:	5/16” hexagonal
Thread Form:	Fine thread (Tek 5)
Shank Material:	Carbon steel
Material Grade:	SAE C1022
Coating:	500Hr EvoShield®

- ✓ Super hard, super sharp drill tips ensure fast drill times
- ✓ Hex flange head design provides sure clamping action
- ✓ Precision formed concave fluting gives speedy chip removal
- ✓ Aggressive thread form design guarantees consistent tapping and superb holding power

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Standard Tek

Unwashered Hex Head Tek 5 For 4mm - 12.5mm Steel

Code	Size	Box	Carton	Evoshield Coating
TSHW5.5-32-5	5.5 x 32mm	100	2,400	✓
TSHW5.5-38-5	5.5 x 38mm	100	2,400	✓
TSHW5.5-50-5	5.5 x 50mm	100	1,400	✓
TSHW5.5-75-5	5.5 x 75mm	100	1,400	✓
TSHW5.5-100-5	5.5 x 100mm	100	1,400	✓

TSHW-5 Usability Data					
Part Number Carbon Steel	Washer Dia. (mm)	Nom. Dia. (mm)	Nom. Lgth. (mm)	Thread Lgth. (mm)	Drill Cap. (mm)
TSHW5.5-32-5	None	5.5	32	Full	4.0 – 12.5
TSHW5.5-38-5			38		
TSHW5.5-50-5			50		
TSHW5.5-75-5			75		
TSHW5.5-100-5			100		

SuperTEK® 6 & 7

Hex Head Tek 6 / 7

TECHNICAL

SuperTEK® 6 (w/washer) – Product Information

Designed for:	Fixing steel to steel.
Head style and drive type:	5/16” hexagonal male socket
Thread form:	24 TPI (w/ V-fluting)
Drill point:	SuperTEK® 6 (Min. 4.0mm – Max. 18.0mm)
Material and grade:	SAE C1022 carbon steel (hardened ≥ 55HRC)
Coating:	EvoShield® 1000
Washer:	16mm ØD EPDM sealing washer
Recommended drill speed:	≥ 750 ≤ 1,500 RPM (non-impacting only)

SuperTEK® 7 (w/washer) – Product Information

Designed for:	Fixing steel to steel.
Head style and drive type:	5/16” hexagonal male socket
Thread form:	24 TPI (w/ V-fluting)
Drill point:	SuperTEK® 7 (Min. 4.0mm – Max. 18.0mm)
Material and grade:	SAE C1022 carbon steel (hardened ≥ 55HRC)
Coating:	EvoShield® 1000
Washer:	16mm ØD EPDM sealing washer
Recommended drill speed:	≥ 750 ≤ 1,500 RPM (non-impacting only)

SuperTEK® 7 (w/o washer) – Product Information

Designed for:	Fixing steel to steel.
Head style and drive type:	5/16” hexagonal male socket
Thread form:	24 TPI (w/ V-fluting)
Drill point:	SuperTEK® 7 (Min. 4.0mm – Max. 18.0mm)
Material and grade:	SAE C1022 carbon steel (hardened ≥ 55HRC)
Coating:	EvoShield® 1000
Washer:	None
Recommended drill speed:	≥ 750 ≤ 1,500 RPM (non-impacting only)

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SuperTEK® 6 & 7

✓ Evoshield Coating

Hex Head Tek 7

Unwashered Hex Head Tek 7

- ✓ Super hard, super sharp drill tips ensure fast drill times
- ✓ Hex flange head design provides sure clamping action
- ✓ Unique spiral tip ensures superior pilot drilling
- ✓ Aggressive thread form design ensures consistent tapping and superb holding power

Washered Hex Head Tek 6 / 7

- ✓ Super hard, super sharp drill tips ensure fast drill times
- ✓ Hex flange head with bonded washer
- ✓ Unique spiral tip ensures superior pilot drilling
- ✓ Bonded steel washer can act as isolation between substrate and fixture, and as a weatherseal

Code	Size	Box	Carton	Unwashered Head	Washered Head
TSBW5.5-38-6	5.5 x 38mm	200	2,400		✓
TSBW5.5-50-7	5.5 x 50mm	100	1,400		✓
TSHW5.5-50-7	5.5 x 50mm	100	1,400	✓	
TSHW5.5-75-7	5.5 x 75mm	100	1,400	✓	
TSHW5.5-100-7	5.5 x 100mm	100	1,400	✓	
TSHW5.5-125-7	5.5 X 125mm	100	1,000	✓	
TSHW5.5-150-7	5.5 x 150mm	100	1,000	✓	
TSBWHT5.5-150-7	5.5 x 150mm	100	1,200		✓

TSHW-7 / TSBW-7 Usability Data

Part Number		Washer Dia. (mm)	Nom. Dia. (mm)	Nom. Lgth. (mm)	Thread Lgth. (mm)	Drill Cap. (mm)
No Washer	With Washer					
N/A	TSBW5.5-38-6	16	5.5	38	FULL	4.0 – 18.0
TSHW5.5-50-7	TSBW5.5-50-7			50		
TSHW5.5-75-7	N/A			75		
TSHW5.5-100-7				100	50	
TSHW5.5-125-7				125		
TSHW5.5-150-7				150		
	TSBWHT150-7	16				

SuperTEK® 8

Hex Head Tek 8

TECHNICAL

Unwashered Hex Head Tek 8

Designed For:	Fixing steel to steel
Head Style:	Hexagonal
Drive:	5/16” hexagonal
Thread Form:	14 threads per inch intermediate thread, ‘V’ fluted
Drill Point:	Tek 8 spiral point
Shank Material:	Carbon steel
Material Grade:	SAE C1022
Coating:	1000Hr EvoShield®
Recommended Drill Speed:	1,500 - 2,500 RPM
Steel Thickness:	4.0mm - 22.0mm
Effective Thread Length:	32mm

Unwashered Hex Head Tek 8

- ✓ Super hard, super sharp drill tips ensure fast drill times
- ✓ Hex flange head design provides sure clamping action
- ✓ Unique spiral tip ensures superior pilot drilling
- ✓ Aggresive thread form design guarantees consistent tapping and superb holding power

Code	Size	Box	Carton
TSHW6.3-60-8	6.3 x 60mm	100	1,000
TSHW6.3-100-8	6.3 x 100mm	100	1,000

TSHW-8 Usability Data					
Part Number	Washer Dia. (mm)	Nominal Dia. (mm)	Nominal Lgth. (mm)	Threaded Lgth. (mm)	Drilling Capacity (mm)
TSHW6.3-60-8	None	6.3	60.0	FULL	4.0 – 22.0
TSHW6.3-100-8			100.0	50.0	

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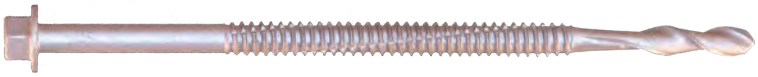
Q10 SuperTEK® X

Hex Head Tek 10

TECHNICAL



Designed For:	Fixing steel to steel
Head Style:	Hexagonal
Drive:	5/16” hexagonal
Thread Form:	14 threads per inch intermediate thread, ‘V’ fluted
Drill Point:	Tek 10 spiral point
Shank Material:	Carbon steel
Material Grade:	SAE C1022
Coating:	1000Hr EvoShield®
Recommended Drill Speed:	1,500 - 2,500 RPM
Steel Thickness:	4.0mm – 35.0mm

- ✓ Super hard, super sharp drill tips ensure fast drill times
- ✓ Hex flange head design provides sure clamping action
- ✓ Unique spiral tip ensures superior pilot drilling
- ✓ Aggressive thread form design guarantees consistent tapping and superb holding power

Code	Size	Box	Carton
TSHW6.3-85-10	6.3 x 85mm	100	1,000
TSHW6.3-135-10	6.3 x 135mm	100	1,000

SuperTEK (Usability Data)					
Part Number	Washer Dia. (mm)	Nominal Dia. (mm)	Nominal Lgth. (mm)	Threaded Lgth. (mm)	Drilling Capacity (mm)
TSHW6.3-85-10	None	6.3	85.0	FULL	4.0 – 35.0
TSHW6.3-135-10		6.3	135.0	65.0	4.0 – 35.0

SuperTEK® 7 Wing Drill

Countersunk Tek 7
For 4mm - 18.5mm Steel

TECHNICAL

Countersunk Head Tek 7

Designed For:	When timber is being fastened to thicker steel section or where extremely hard steels defeat normal tek screws
Head Style:	Double Countersunk
Drive:	Torx® 30
Thread Form:	24 threads per inch fine thread, 'V' fluted
Drill Point:	Tek 7 spiral point
Shank Material:	Carbon steel
Material Grade:	SAE C1022
Coating:	1000Hr EvoShield®
Recommended Drill Speed:	1,500 - 2,500 RPM
Steel Thickness:	4.0mm - 18mm

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SuperTEK® 7 Wing Drill

Countersunk Tek 7
For 4mm - 18.5mm Steel

Code	Size	Box	Carton	Evoshield Coating
TSTF5.5-73-7	5.5 x 73mm	100	1,400	✓
TSTF5.5-93-7	5.5 x 93mm	100	1,400	✓
TSTF5.5-118-7	5.5 x 118mm	100	1,400	✓
TSTF5.5-143-7	5.5 x 143mm	100	1,200	✓

SuperTek TimberTek (Usability Data)					
Part Number	Washer Dia. (mm)	Nominal Lgth. (mm)	Threaded Lgth. (mm)	Timber Capacity (mm)	Drilling Capacity (mm)
TSTF5.5-73-7	5.5	73.0	FULL	6.0 – 38.0	Min = 4.0 Max = 18.0
TSTF5.5-93-7		93.0	50.0	38.0 – 58.0	
TSTF5.5-118-7		118.0		58.0 – 83.0	
TSTF5.5-143-7		143.0		83.0 – 108.0	

✓ Evoshield Coating

Stitching Screws

TECHNICAL

✓ Evoshield Coating

Designed For:	Stitching cladding panels
Shank Material:	Carbon steel
Material Grade:	SAE C1022
Coating:	500Hr EvoShield®
Recommended Drill Speed	1,500 - 2,500 RPM

- ✓ Super hard, super sharp drill tips ensure fast drill times
- ✓ Hex flange head design gives a sure clamping action
- ✓ High grade carbon steel (C1022) helps prevent head snap
- ✓ Silver Evoshield® coating with 500hr salt spray rating

Designed For:	Fixing halter brackets, shear studding and components to light gauge steel substrates
Head style and Drive Type:	5/16” Hexagonal male socket
Washer Type:	16mm ØD Vulcanised EPDM with Galvanised compression disc
Thread Form:	Coarse thread (Pitch = 1.8mm (approx.)
Material and Grade:	SAE C1022 Carbon Steel
Coating:	500Hr EvoShield®

- ✓ Reduced diameter drilling point ensures highest possible withdrawal resistance in thin gauge steel substrates
- ✓ Super hard (>55 HRC), super sharp drilling points ensure fastest possible drilling times and reduce “walking” of point on substrate surface
- ✓ Sharp tapping threads ensure lower torque requirements and mitigate against user wrist fatigue

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Stitching Screws

Code	Size	Packaging Quantities		Coating Type	
		Box	Carton	EvoShield® 500	Bright Zinc Plating
Stitching screws					
TSFHR6.3-22-2	6.3 x 22mm	200	4,800	✓	
TSNS6.3-22-2	6.3 x 22 mm	200	4,800	✓	
TSFHR8.0-25-1	8.0 x 25mm	100	2,400	✓	
ZWSP6.3-22-2	6.3 x 22mm	200	2,800		✓
Halter-fixing screws					
TSHF6.3-38-2	6.8 x 38mm	100	2,400	✓	
TSHF6.3-50-2	6.3 x 50mm	100	2,400	✓	

Stitching Screws and Halter-fixing Screws – Usability Data

Part Number	Washer Dia. (mm)	Nominal Dia. (mm)	Nominal Lgth. (mm)	Threaded Lgth. (mm)	Drilling Capacity (mm)
Stitching screws					
TSFHR6.3-22-2	16.0	6.3	22.0	FULL	0.5 - 2.5
TSNS6.3-22-2	N/A				
TSFHR8.0-25-1	16.0	8.0	25.0		
ZWSP6.3-22-2		6.3	22.0		
Halter-fixing screws					
TSHF6.3-38-2	16.0	6.3	38.0	FULL	0.8 - 2.5
TSHF6.3-50-2			50.0		

Metal Framing

TECHNICAL

✓ Evoshield Coating

Designed For:	Fixing steel to steel
Head Style:	Low Profile
Drive:	Phillips 3
Thread Form:	Coarse thread (Tek 3) / fine thread (Tek 5)
Shank Material:	Carbon steel
Material Grade:	SAE C1022
Coating:	500Hr EvoShield®

- ✓ High grade carbon steel
- ✓ Super hard and sharp drill tips ensure fast drill times
- ✓ Superior corrosion protection to guarantee long-term fastener integrity
- ✓ Fully threaded for application versatility

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Metal Framing

1.2mm - 3.5mm Steel Thickness

Code	Size	Box	Carton	Evoshield Coating	Zinc
TSLP4.8-22-2	4.8 x 22mm	500	6,000	✓	
TSLP5.5-38-5	5.5 x 38mm	200	4,800	✓	
TSPH4.8-16-3	4.8 x 16mm	500	12,000	✓	
TSPH5.5-19-3	5.5 x 19mm	500	7,000	✓	
TSPH5.5-25-3	5.5 x 25mm	200	4,800	✓	
ZPH5.5-19-3	5.5 x 19mm	500	9,000		✓

TSLP/ TSPH (Usability Data)

Part Number	Washer Dia. (mm)	Nominal Dia. (mm)	Nominal Lgth. (mm)	Threaded Lgth. (mm)	Drilling Capacity (mm)
TSLP4.8-22-2	None	4.8	22.0	FULL	Min = 1.2 Max = 3.5
TSLP5.5-38-5		5.5	38.0		Min = 4.0 Max = 12.0
TSPH4.8-16-3		4.8	16.0		Min = 1.2 Max = 4.0
TSPH5.5-19-3		5.5	19.0		
TSPH5.5-25-3			25.0		

✓ Evoshield Coating ✓ Zinc

Composite Panel - TEK® 3 – 16mm Washer

1.2mm - 3.5mm Steel Thickness

TECHNICAL

✓ Evoshield Coating

Designed For:	Fixing cladding and roofing applications to hot and cold rolled purlins/rails Fastening liner panels and general components to steel
Head Style:	Hexagonal
Drive:	5/16” hexagonal
Washer:	16mm Ø bonded EPDM
Thread Form:	Coarse thread (Tek 3)
Shank Material:	Carbon steel
Material Grade:	SAE C1022
Coating:	500Hr EvoShield®

- ✓ Super hard, super sharp drill tips ensure fast drill times and eliminates ‘walking’
- ✓ Unthreaded piece ensures panel surfaces are not deformed
- ✓ Sharp tapping threads ensure a low torque fixing every time

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Composite Panel - TEK® 3 – 16mm Washer

1.2mm - 3.5mm Steel Thickness

Code	Size	Box	Carton	Material	Washer Size
TSBWHT5.5-80-3	5.5 x 80mm	100	1,400	Carbon Steel - Evoshield	16mm
TSBWHT5.5-105-3	5.5 x 105mm	100	1,200	Carbon Steel - Evoshield	16mm
TSBWHT5.5-115-3	5.5 x 115mm	100	1,200	Carbon Steel - Evoshield	16mm
TSBWHT5.5-135-3	5.5 x 135mm	100	900	Carbon Steel - Evoshield	16mm
TSBWHT5.5-150-3	5.5 x 150mm	100	900	Carbon Steel - Evoshield	16mm
TSBWHT16-5.5-185-3	5.5 x 185mm	100	900	Carbon Steel - Evoshield	16mm

TSBWHT (TEK Screw: Composite Panel Fastener) Usability Data						
TSBWHT-3 – TEK 3 – Light gauge steel applications						
Product Code	Nominal Diameter (mm)	Nominal Length (mm)	Threaded Length (mm)	Insulation Capacity (mm)	Drilling Capacity (mm)	Washer Diameter (mm)
TSBWHT5.5-80-3	5.5	80.0	70.0	40.0 – 65.0	Min = 1.2 Max = 4.0	16.0
TSBWHT5.5-105-3		105.0	75.0	55.0 – 85.0		
TSBWHT5.5-115-3		115.0		60.0 – 100.0		
TSBWHT5.5-135-3		135.0		70.0 – 110.0		
TSBWHT5.5-150-3		150.0		90.0 – 125.0		
TSBWHT16-5.5-185-3		185.0		115.0 – 170.0		

✓ Evoshield Coating

Composite Panel - TEK® 3 – 19mm Washer

1.2mm - 3.5mm Steel Thickness

TECHNICAL

✓ Evoshield Coating

Designed For:	Fixing cladding and roofing applications to hot and cold rolled purlins/rails Fastening liner panels and general components to steel
Head Style:	Hexagonal
Drive:	5/16” hexagonal
Washer:	19mm Ø bonded EPDM
Thread Form:	Coarse thread (Tek 3)
Shank Material:	Carbon steel
Material Grade:	SAE C1022
Coating:	500Hr EvoShield®

- ✓ Super hard, super sharp drill tips ensure fast drill times and eliminates ‘walking’
- ✓ Unthreaded piece ensures panel surfaces are not deformed
- ✓ Sharp tapping threads ensure a low torque fixing every time

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Composite Panel - TEK® 3 – 19mm Washer

1.2mm - 3.5mm Steel Thickness

Code	Size	Box	Carton	Material	Washer Size
TSBWHT19-5.5-80-3	5.5 x 80mm	100	900	Carbon Steel - Evoshield	19mm
TSBWHT19-5.5-105-3	5.5 x 105mm	100	900	Carbon Steel - Evoshield	19mm
TSBWHT19-5.5-135-3	5.5 x 135mm	100	600	Carbon Steel - Evoshield	19mm
TSBWHT19-5.5-150-3	5.5 x 150mm	100	600	Carbon Steel - Evoshield	19mm
TSBWHT19-5.5-185-3	5.5 x 185mm	50	450	Carbon Steel - Evoshield	19mm
TSBWHT19-5.5-225-3	5.5 x 225mm	50	300	Carbon Steel - Evoshield	19mm
TSBWHT19-5.5-240-3	5.5 x 240mm	50	450	Carbon Steel - Evoshield	19mm
TSBWHT19-5.5-275-3	5.5 x 275mm	50	300	Carbon Steel - Evoshield	19mm
TSBWHT19-5.5-300-3	5.5 x 300mm	50	300	Carbon Steel - Evoshield	19mm

TSBWHT (TEK Screw: Composite Panel Fastener) Usability Data

TSBWHT-3 – TEK 3 – Light gauge steel applications

Product Code	Nominal Diameter (mm)	Nominal Length (mm)	Threaded Length (mm)	Insulation Capacity (mm)	Drilling Capacity (mm)	Washer Diameter (mm)
TSBWHT19-5.5-80-3	5.5	50.0	70.0	10.0 – 65.0	Min = 1.2 Max = 4.0	19.0
TSBWHT19-5.5-105-3		105.0	75.0	30.0 – 90.0		
TSBWHT19-5.5-135-3		135.0		60.0 – 120.0		
TSBWHT19-5.5-150-3		150.0		75.0 – 135.0		
TSBWHT19-5.5-185-3		185.0		115.0 – 170.0		
TSBWHT19-5.5-225-3		225.0		150.0 – 215.0		
TSBWHT19-5.5-240-3		240.0		165.0 – 225.0		
TSBWHT19-5.5-275-3		275.0		200.0 – 260.0		
TSBWHT19-5.5-300-3		300.0		225.0 – 285.0		

✓ Evoshield Coating

Heavy Section Composite Panel

4 - 12.5mm Steel Thickness

TECHNICAL

✓ Evoshield Coating

Designed For:	Fixing cladding and roofing applications to hot and cold rolled purlins/rails Fastening liner panels and general components to heavy steel
Head Style:	Hexagonal
Drive:	5/16” hexagonal
Washer:	16mm Ø bonded EPDM **or** 19mm Ø bonded EPDM
Thread Form:	Fine thread (Tek 5)
Shank Material:	Carbon steel
Material Grade:	SAE C1022
Coating:	500Hr EvoShield®

- ✓ Super hard, super sharp drill tips ensure fast drill times and eliminates ‘walking’
- ✓ Unthreaded piece ensures panel surfaces are not deformed
- ✓ Precision formed concave fluting gives speedy chip removal
- ✓ Sharp tapping threads ensure a low torque fixing every time

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Heavy Section Composite Panel

4 - 12.5mm Steel Thickness

Code	Size	Box	Carton	Evoshield Coating	Washer Size
TSBWHT5.5-85-5	5.5 x 85mm	100	1,400	✓	16mm
TSBWHT5.5-105-5	5.5 x 105mm	100	1,200	✓	16mm
TSBWHT5.5-125-5	5.5 x 125mm	100	900	✓	16mm
TSBWHT5.5-150-5	5.5 x 150mm	100	900	✓	16mm
TSBWHT19-5.5-185-5	5.5 x 185mm	50	450	✓	19mm
TSBWHT19-5.5-235-5	5.5 x 235mm	50	300	✓	19mm

TSBWHT (TEK Screw: Composite Panel Fastener) Usability Data						
TSBWHT-5 – TEK 5 – Heavy gauge steel applications						
Product Code	Nominal Diameter (mm)	Nominal Length (mm)	Threaded Length (mm)	Insulation Capacity (mm)	Drilling Capacity (mm)	Washer Diameter (mm)
TSBWHT5.5-85-5	5.5	85.0	75.0	35.0 – 50.0	4.0 – 12.5	16.0
TSBWHT5.5-105-5		105.0		50.0 – 70.0		
TSBWHT5.5-125-5		125.0		70.0 – 90.0		
TSBWHT5.5-150-5		150.0		80.0 – 115.0		
TSBWHT19-5.5-185-5		185.0		120.0 – 150.0		19.0
TSBWHT19-5.5-235-5		235.0		170.0 – 200.0		

✓ Evoshield Coating

Timber Tek

For 1.2mm - 3.5mm Steel

TECHNICAL

✓ Evoshield Coating

Designed For:	Fixing timber or composites to steel
Head Style:	Countersunk or countersunk with nibs
Drive:	Phillips® No. 2 or No. 3
Thread Form:	Coarse thread (Tek 3)
Shank Material:	Carbon steel
Material Grade:	SAE C1022
Coating:	500Hr EvoShield®

- ✓ Super hard, super sharp drill tips ensure fast drill times
- ✓ Countersinking nibs under head provide flush finish
- ✓ Precision formed concave fluting gives speedy chip removal
- ✓ Aggressive thread form design guarantees consistent tapping and superb holding power

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Timber Tek

For 1.2mm - 3.5mm Steel

Code	Size	Box	Carton	Drive Type
TSTF4.2-38-3	4.2 x 38mm	200	4,800	Phillips No. 2
TSTF4.8-38-3	4.2 x 38mm	200	4,800	Phillips No. 2
TSTF4.8-45-3	4.8 x 45mm	100	2,400	Phillips No. 2
TSTF5.5-50-3	5.5 x 50mm	200	2,800	Phillips No. 3
TSTF5.5-62-3	5.5 x 62mm	200	2,800	Phillips No. 3
TSTF5.5-80-3	5.5 x 80mm	100	1,400	Phillips No. 3
TSTF5.5-100-3	5.5 x 100mm	100	1,400	Phillips No. 3
TSTF5.5-120-3	5.5 x 120mm	100	1,400	Phillips No. 3
TSTF5.5-150-3	5.5 x 150mm	100	1,200	Phillips No. 3
TSTF5.5-180-3	5.5 x 180mm	100	1,200	Phillips No. 3

TSTF-3 (Usability Data)

Part Number	Nominal Diameter (mm)	Nominal Length (mm)	Threaded Length (mm)	Timber Capacity (mm)	Drilling Capacity (mm)
TSTF4.2-38-3	4.2	38.0	FULL	6.0 – 22.0	Min = 1.2 Max = 4.0
TSTF4.8-38-3	4.8	38.0			
TSTF4.8-45-3	4.8	45.0		10.0 – 27.0	
TSTF5.5-50-3	5.5	50.0		13.0 – 30.0	
TSTF5.5-62-3		62.0		13.0 – 40.0	
TSTF5.5-80-3		80.0	55.0	25.0 – 60.0	
TSTF5.5-100-3		100.0		45.0 – 80.0	
TSTF5.5-120-3		120.0		65.0 – 100.0	
TSTF5.5-150-3		150.0		95.0 – 125.0	
TSTF5.5-180-3		180.0		125.0 – 150.0	

✓ Evoshield Coating

Timber Tek

For 4mm - 12.5mm Steel

EUROPA CE EN 14566 | RoHS 2002/95/EC | CERTIFIED LR ISO 9001

TECHNICAL

✓ Evoshield Coating

Designed For:	Fixing timber or composites to steel
Head Style:	Countersunk
Drive:	Phillips 3
Thread Form:	Fine thread (Tek 5)
Shank Material:	Carbon steel
Material Grade:	SAE C1022
Coating:	500Hr EvoShield®

- ✓ Super hard, super sharp drill tips ensure fast drill times
- ✓ Countersinking nibs under head provide flush finish
- ✓ Precision formed concave fluting gives speedy chip removal
- ✓ Aggressive thread form design guarantees consistent tapping and superb holding power

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Timber Tek

For 4mm - 12.5mm Steel

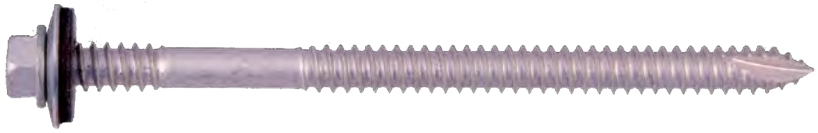
Code	Size	Box	Carton	Evoshield Coating
TSTF5.5-42-5	5.5 x 42mm	100	2,400	✓
TSTF5.5-65-5	5.5 x 65mm	200	2,800	✓
TSTF5.5-85-5	5.5 x 85mm	100	1,400	✓
TSTF5.5-100-5	5.5 x 100mm	100	1,400	✓
TSTF5.5-110-5	5.5 x 110mm	100	1,400	✓
TSTF5.5-135-5	5.5 x 135mm	100	1,200	✓
TSTF5.5-150-5	5.5 x 150 mm	100	1,200	✓
TSTF5.5-180-5	5.5 x 180 mm	100	1,200	✓
TSTF6.3-60-4	6.3 x 60mm	100	1,200	✓
TSTF6.3-85-4	6.3 x 85mm	100	1,200	✓

TSTF-5 (Usability Data)					
Part Number	Nominal Diameter (mm)	Nominal Length (mm)	Threaded Length (mm)	Timber Capacity (mm)	Drilling Capacity (mm)
TSTF6.3-60-4	6.3	60.0	FULL	6.0 – 40.0	Min = 2.5 Max = 6.0
TSTF6.3-85-4		85.0	55.0	10.0 – 60.0	
TSTF5.5-42-5	5.5	42.0	FULL	10.0 – 13.0	Min = 4.0 Max = 12.5
TSTF5.5-65-5		65.0		10.0 – 28.0	
TSTF5.5-85-5		85.0	55.0	30.0 – 50.0	
TSTF5.5-100-5		100.0		45.0 – 65.0	
TSTF5.5-110-5		110.0		55.0 – 85.0	
TSTF5.5-135-5		135.0		80.0 – 100.0	
TSTF5.5-150-5		150.0		95.0 – 125.0	
TSTF5.5-180-5		180.0		125.0 – 150.0	

✓ Evoshield Coating

Composite Panel for Timber

TECHNICAL



Designed For:	Fixing cladding and profiled sheeting to timber purlins and studs
Head Style:	Hexagonal
Drive:	5/16” Hex Head
Washer:	16mm Bonded EPDM
Thread Form:	Coarse (Type 17 cutter tip)
Shank Material:	Carbon steel
Material Grade:	SAE C1022
Coating:	500Hr EvoShield®

- ✓ Type 17 Cutter Point ensures fast advancement in timber and ply
- ✓ Aggresive Threadform: Improves penetration and reduces required drive torque
- ✓ Unthreaded piece ensure panels are not deformed

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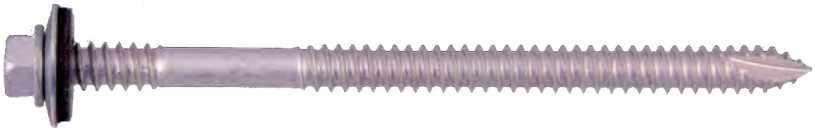
Composite Panel for Timber



Code	Size	Box	Carton	Evoshield Coating
TSBWHT6.3-80-GP	6.3 x 80mm	100	1,400	✓
TSBWHT6.3-100-GP	6.3 x 100mm	100	1,200	✓
TSBWHT6.3-125-GP	6.3 x 125mm	100	1,200	✓
TSBWHT6.3-150-GP	6.3 x 150mm	100	900	✓

CERTIFIED ISO 9001

RoHS 2002/95/EC

✓ Evoshield Coating

Hex Head Roofing Screws

EUROPA CE EN 14592 | RoHS 2002/95/EC | CERTIFIED LR ISO 9001

TECHNICAL

✓ Evoshield Coating

Designed For:	Fixing fibrous cement sheets to timber
Head Style:	Hexagonal
Drive:	5/16” hexagonal
Washer:	BAZ type
Thread Form:	Single
Material Grade:	AISI C1022
Drill Point:	Type 17
Effective Thread Length:	Fully threaded
Coating:	500hr Silver Evoshield®

evoshield

✓ Zinc Coating

Designed For:	Fixing timber batons, trunking, track and general components into concrete and masonry substrates. Also for fixing metal sheets to timber purlins
Head Style:	Hexagonal
Drive:	5/16” hexagonal
Thread Form:	Single
Drill Point:	Type 17
Material Grade:	Zinc

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Hex Head Roofing Screws

- ✓ Replaces hook bolts and drive screws
- ✓ Wings on shank will ream a clearance hole in the sheets
- ✓ Sharp tapping threads ensure a low torque fixing every time

- ✓ Fully threaded for application versatility
- ✓ Available with 16mm or 19mm bonded EPDM washer
- ✓ The gash point makes the initial penetration of the metal sheet easier
- ✓ Sharp tapping threads ensure a low torque, sure fixing every time

- ✓ Type 17 cutter point for fast advancement through timber and penetration of thin steel sections
- ✓ Cutter point reduces torque and helps stop timber splitting
- ✓ Hexagonal head for positive, stable driving characteristics

Code	Size	Box	Bag	Carton	Evoshield Coating	Zinc Coating	Bi-metal	Washer Size
SSDH6.3-130-GP	6.3 x 130mm	100	-	600	✓			BAZ type
SSDH6.3-110-3	6.3 x 110mm	100	-	600	✓			
SSDH6.3-130-3	6.3 x 130mm	100	-	600	✓			
A2SSDH6.3-130-GP	6.3 x 130mm	50	-	400			✓	
ZGP25	6.3 x 25mm	-	200	2,000		✓		16mm bonded EDPM
ZGP32	6.3 x 32mm	-	200	2,000		✓		16mm bonded EDPM
ZGP45	6.3 x 45mm	-	200	1,200		✓		16mm bonded EDPM
ZGP60	6.3 x 60mm	-	100	900		✓		16mm bonded EDPM
ZGP80	6.3 x 80mm	-	100	600		✓		16mm bonded EDPM
ZGP100	6.3 x 100mm	-	100	600		✓		16mm bonded EDPM
ZGP19-25	6.3 x 25mm	-	200	2,000		✓		19mm bonded EDPM
ZGP19-32	6.3 x 32mm	200	-	2,400		✓		19mm bonded EDPM
ZGP19-45	6.3 x 45mm	200	-	1,800		✓		19mm bonded EDPM
ZGP19-60	6.3 x 60mm	-	100	800		✓		19mm bonded EDPM
ZGP19-80	6.3 x 80mm	-	100	600		✓		19mm bonded EDPM
ZGP19-100	6.3 x 100mm	-	100	600		✓		19mm bonded EDPM

Standard Tek Zinc

Bonded Hex Washer Head Tek 3 / Tek 5

RoHS 2002/95/EC

CERTIFIED ISO 9001

✓ Zinc Coating

Designed For: Fastening where a high end corrosion resistant coating is not required
Head Style: Hexagonal
Drive: 5/16” hexagonal
Thread Form: Coarse thread (Tek 3) / fine thread (Tek 5)
Material Grade: AISI C1022

- ✓ Super hard, super sharp drill tips ensure fast drill times
- ✓ Hex flange head with bonded washer
- ✓ Precision formed concave fluting ensures speedy chip removal
- ✓ Bonded steel washer can act as isolation between substrate and fixture, as an aid to clamping where fixture clearance holes require, and as a weatherseal

Code	Size	Steel Thickness	Bag/Box	Carton	Washer Size	Zinc Coating
BWZP25-3	5.5 x 25mm	1.2 - 3.5 mm	200	2,800	16mm	✓
BWZP32-3	5.5 x 32mm	1.2 - 3.5 mm	200	2,800	16mm	✓
BWZP38-3	5.5 x 38mm	1.2 - 3.5 mm	200	2,800	16mm	✓
BWZP50-3	5.5 x 50mm	1.2 - 3.5 mm	100	1,400	16mm	✓
BWZP75-3	5.5 x 75mm	1.2 - 3.5 mm	100	1,400	16mm	✓
BWZP100-3	5.5 x 100mm	1.2 - 3.5 mm	100	800	16mm	✓
BWZP19-25-3	5.5 x 25mm	1.2 - 3.5 mm	200	2,800	19mm	✓
BWZP19-38-3	5.5 x 38mm	1.2 - 3.5 mm	200	2,400	19mm	✓
BWZP19-50-3	5.5 x 50mm	1.2 - 3.5 mm	200	1,200	19mm	✓
BWZP19-75-3	5.5 x 75mm	1.2 - 3.5 mm	100	1,000	19mm	✓
BWZP19-100-3	5.5 x 100mm	1.2 - 3.5 mm	100	800	19mm	✓
BWZP38-5	5.5 x 38mm	4 - 12.5 mm	200	2,400	16mm	✓
BWZP50-5	5.5 x 50mm	4 - 12.5 mm	100	1,400	16mm	✓
BWZP75-5	5.5 x 75mm	4 - 12.5 mm	100	1,000	16mm	✓
BWZP100-5	5.5 x 100mm	4 - 12.5 mm	100	800	16mm	✓

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Standard Tek Zinc

Unwashered Hex Head Tek 3 / Tek 5

RoHS 2002/95/EC

CERTIFIED LR ISO 9001

✓ Zinc Coating

Designed For: Fastening where a high end corrosion resistant coating is not required
Head Style: Hexagonal
Drive: 5/16” hexagonal
Thread Form: Coarse thread (Tek 3) / fine thread (Tek 5)
Material Grade: AISI C1022

- ✓ Super hard, super sharp drill tips ensure fast drill times
- ✓ Hex flange head design provides sure clamping action
- ✓ Precision formed concave fluting gives speedy chip removal
- ✓ Aggressive thread form design guarantees consistent tapping and superb holding power

Code	Size	Steel Thickness	Bag/Box	Carton	Zinc Coating
HWZP19-3	5.5 x 19mm	1.2 - 3.5 mm	200	2,800	✓
HWZP25-3	5.5 x 25mm	1.2 - 3.5 mm	200	2,800	✓
HWZP32-3	5.5 x 32mm	1.2 - 3.5 mm	200	2,800	✓
HWZP38-3	5.5 x 38mm	1.2 - 3.5 mm	200	2,800	✓
HWZP50-3	5.5 x 50mm	1.2 - 3.5 mm	100	1,400	✓
HWZP75-3	5.5 x 75mm	1.2 - 3.5 mm	100	1,400	✓
HWZP100-3	5.5 x 100mm	1.2 - 3.5 mm	100	1,200	✓
HWZP38-5	5.5 x 38mm	4 - 12.5 mm	200	2,400	✓
HWZP50-5	5.5 x 50mm	4 - 12.5 mm	100	1,400	✓
HWZP75-5	5.5 x 75mm	4 - 12.5 mm	100	1,200	✓
HWZP100-5	5.5 x 100mm	4 - 12.5 mm	100	1,000	✓

Timber Tek Zinc

RoHS 2002/95/EC

EUROPA CE EN 14566

CERTIFIED LR ISO 9001

✓ Zinc Coating

Designed For:	Fixing timber or composites to steel where a high end corrosion resistant coating is not required
Head Style:	Countersunk or countersunk with nibs
Drive:	Phillips 2/3
Thread Form:	Twin, coarse thread (Tek 3) / fine thread (Tek 5)
Material Grade:	AISI C1022
Shank Material:	Carbon steel
Drilling Capacity:	1.2mm - 3.5mm (Tek 3) / 4.0mm - 12.00mm (Tek 5)
Recommended Drill Speed:	1,500 - 2,500 RPM

- ✓ Super hard, super sharp drill tips ensure fast drill times
- ✓ Countersinking nibs under head provide flush finish in fixture
- ✓ Precision formed concave fluting ensures speedy chip removal
- ✓ Aggressive thread form design ensures consistent tapping and superb holding

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Timber Tek Zinc

Code	Size	Steel Thickness	Bag	Carton	Zinc Coating
ZWDP4.2-38-3	4.2 x 38mm	1.2 - 3.5 mm	200	2,800	✓
ZWDP32-3	4.8 x 32mm	1.2 - 3.5 mm	200	4,800	✓
ZWDP38-3	4.8 x 38mm	1.2 - 3.5 mm	200	4,800	✓
ZWDP50-3	4.8 x 50mm	1.2 - 3.5 mm	200	2,800	✓
ZWDP62-3	5.5 x 62mm	1.2 - 3.5 mm	200	2,800	✓
ZWDP80-3	5.5 x 80mm	1.2 - 3.5 mm	100	1,400	✓
ZWDP100-3	5.5 x 100mm	1.2 - 3.5 mm	100	1,200	✓
ZWDP65-5	5.5 x 65mm	4 - 12.5 mm	200	2,800	✓
ZWDP85-5	5.5 x 85mm	4 - 12.5 mm	100	1,400	✓
ZWDP110-5	5.5 x1105mm	4 - 12.5 mm	100	1,000	✓

Tek Colour Caps

PC8-16

PC8-19

PC8-29

PC8-32

Code	Size	Box	Carton
PC8-16	16mm UV Protected Colour Cap	1,000	10,000
PC8-19	19mm UV Protected Colour Cap	1,000	10,000
PC8-29	29mm UV Protected Colour Cap	1,000	10,000
PC8-32	32mm UV Protected Colour Cap	1,000	10,000

Colour Chart			
Black	Meadowland	Britannia	Moss Green
White	Moorland Green	Cornflower	Prologis Green
Terracotta	Olive Green	Brown Beige	Glen Green
Petra	Juniper Green	White Oyster	Pale Peppermint
Poppy Red	Sage	Ivory	Squirrel
Tangerine	Jade	Flame Red	Slate Grey
Beige	Pinewood	Rubine	Anthracite
Vandyke Brown	Eau de Nil	Burano	Oyster
Bamboo	Verona	Ultra Marine	Dusty Grey
Saffron	Albatross	Sargasso	Quartz
Goosewing Grey	Merlin Grey	Gentian Blue	Pale Brown
Mushroom	Raven/ Slate Blue	Mountain	Hamlet
Svelte Grey	Wedgewood Blue	Bahama/ Sky	White (Creamy)
Honesty	Ocean Blue	Caprice	White Alum
Aztec	Solent Blue	Heritage	Dark Silver
Pure White	Metallic Silver	Bleu Concorde	

NOTE:
COLOUR CHARTS ARE FOR GUIDANCE ONLY. IF UNFAMILIAR WITH THE COLOURS PLEASE CONTACT US.

PLEASE CHECK WITH OUR CUSTOMER SERVICE DEPARTMENT, SOME SPECIALITY COLOURS ARE SUBJECT TO MINIMUM ORDER QUANTITIES.

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TEK SCREW COLOUR CAPS

Colour Moulding

Evolution Nylon Moulded Tek Screws are intended for the fastening of profiled metal cladding.

Available in a wide range of RAL and BS colours, specials available subject to minimum order quantity.

Evolution Moulded head fasteners have an 11mm Bi Hex head, giving excellent drive stability. This product replaces separate screws and caps, which can become detached over time. Thus preserving both the aesthetics and anti-corrosion properties of the fastener.

Available colours:

ALBATROSS	JUNIPER GREEN	SILVER
ANTHRACITE	MEADOWLAND	SLATE BLUE
AZTEC YELLOW	MERLIN GREY	SLATE GREY
BAHAMA BLUE	MOUNTAIN BLUE	SOLENT BLUE
BLACK	MUSHROOM	SVELT GREY
BRITTANIA BLUE	OCEAN BLUE	TANGERINE
BURANO	OLIVE GREEN	TERRACOTTA
CLEAR WHITE	OYSTER	ULTRA MARINE
GOOSEWING GREY	PALE GREEN	VAN DYKE BROWN
HAMLET	POPPY RED	VERONA GREEN
HERITAGE GREEN	PURE GREY	WEDGEWOOD
HONESTY	SAFFRON	WHITE
JADE	SARGASSO BLUE	YELLOW

NOTE: COLOUR CHARTS ARE FOR GUIDANCE ONLY. IF UNFAMILIAR WITH THE COLOURS PLEASE CONTACT US.

Powder Coating

Evolution Fasteners new powder coated fasteners have been developed specifically for architectural/outdoor applications where excellent exterior durability and colour retention is required.

Electrostatically applied and oven cured, the powder coating produces a tough robust finish which is available in a vast colour range; consisting of standard RAL colours in different finishes. Custom colours are also available.

Powder coated fasteners have many applications; fixing cladding and architectural panels, including glass fibre reinforced polyester, fibre cement and resin decorative panels, as well as portable building, caravan and mobile home manufacturing. They can also be used in various manufacturing applications, which require a coloured fixing such as outdoor furniture and commercial vehicles.

Corrosion resistant and maintenance free, the aesthetic powder coated fasteners are hard wearing and totally UV stable.

Bi-metal Standard Tek

Bonded Hex Washer Head Tek 3
For 1.2mm - 3.5mm Steel

RoHS 2002/95/EC

CERTIFIED LR ISO 9001

TECHNICAL

✓ Bi-metal

Designed For:	Fastening in aluminium sheeting and panels
Head Style:	Hexagonal
Drive:	5/16” hexagonal
Washer:	16mm Ø bonded EPDM
Thread Form:	Coarse thread (Tek 3)
Shank Material:	Stainless steel
Material Grade:	AISI 304/ EN 1.4301 (A2)

- ✓ High carbon, high performance drill point ensures superior drilling characteristics, giving accurate drilling every time
- ✓ Bi-metal fasteners have a hardened carbon steel drilling point (SAE C1022) brazed to a stainless steel (AISI 304/ EN 1.4301 (A2)) body and head
- ✓ Ultimate corrosion protection to ensure long-term fastener integrity

Tel: 01922 612211 Fax: 01922 636723

Bi-metal Standard Tek

Bonded Hex Washer Head Tek 3 For 1.2mm - 3.5mm Steel

Code	Size	Box	Carton
BMBW5.5-25-3	5.5 x 25mm	200	2,000
BMBW5.5-38-3	5.5 x 38mm	200	2,000
BMBW5.5-50-3	5.5 x 50mm	100	1,000
BMBW5.5-75-3	5.5 x 75mm	100	1,000
BMBW5.5-100-3	5.5 x 100mm	100	1,000

BMBW-3 Usability Data					
Part Number Stainless Steel	Washer Dia. (mm)	Nom. Dia. (mm)	Nom. Lgth. (mm)	Thread Lgth. (mm)	Drill Cap. (mm)
BMBW5.5-25-3	16	5.5	25	FULL	1.2 – 3.5
BMBW5.5-38-3			38		
BMBW5.5-50-3			50		
BMBW5.5-75-3			75		
BMBW5.5-100-3			100		

Bi-metal Standard Tek

Bonded Hex Washer Head Tek 5
For 4mm - 12.5mm Steel

TECHNICAL

✓ **Bi-metal**

Designed For:	Fastening in aluminium sheeting and panels
Head Style:	Hexagonal
Drive:	5/16” hexagonal
Washer:	16mm Ø bonded EPDM
Thread Form:	Fine thread (Tek 5)
Shank Material:	Stainless steel
Material Grade:	AISI 304/ EN 1.4301 (A2)

- ✓ High carbon, high performance drill point ensures superior drilling characteristics, giving accurate drilling every time
- ✓ Bi-metal fasteners have a hardened carbon steel drilling point (SAE C1022) brazed to a stainless steel (AISI 304/ EN 1.4301 (A2)) body and head
- ✓ Ultimate corrosion protection to ensure long-term fastener integrity

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Bi-metal Standard Tek

Bonded Hex Washer Head Tek 5 For 4mm - 12.5mm Steel

Code	Size	Box	Carton
BMBW5.5-38-5	5.5 x 38mm	200	2,000
BMBW5.5-65-5	5.5 x 65mm	100	1,000
BMBW5.5-100-5	5.5 x 100mm	100	1,000

BMBW-5 Usability Data					
Part Number Stainless Steel	Washer Dia. (mm)	Nom. Dia. (mm)	Nom. Lgth. (mm)	Thread Lgth. (mm)	Drill Cap. (mm)
BMBW5.5-38-5	16	5.5	38	FULL	4.0 – 12.5
BMBW5.5-65-5			65		
BMBW5.5-100-5			100	75	

Bi-metal Standard Tek

Unwashered Hex Head Tek 3
For 1.2mm - 3.5mm Steel

TECHNICAL

✓ Bi-metal

Designed For:	Fastening in aluminium sheeting and panels
Head Style:	Hexagonal
Drive:	5/16” hexagonal
Thread Form:	Coarse Thread (tek 3)
Shank Material:	Stainless steel
Material Grade:	AISI 304/ EN 1.4301 (A2)

- ✓ High carbon, high performance drill point ensures superior drilling characteristics, giving accurate drilling every time
- ✓ Bi-metal fasteners have a hardened carbon steel drilling point (SAE C1022) brazed to a stainless steel (AISI 304/ EN 1.4301 (A2)) body and head
- ✓ Ultimate corrosion protection to ensure long-term fastener integrity

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Bi-metal Standard Tek

Unwashered Hex Head Tek 3 For 1.2mm - 3.5mm Steel

Code	Size	Box	Carton
BMHH5.5-25-3	5.5 x 25mm	200	2,000
BMHH5.5-38-3	5.5 x 38mm	200	2,000
BMHH5.5-50-3	5.5 x 50mm	100	1,000
BMHH5.5-65-3	5.5 x 65mm	100	1,000
BMHH5.5-80-3	5.5 x 80mm	100	1,000
BMHH5.5-100-3	5.5 x 100mm	100	1,000
BMHH6.3-25-3	6.3 x 25mm	200	2,000
BMHH6.3-38-3	6.3 x 38mm	200	2,000
BMHH6.3-50-3	6.3 x 50mm	100	1,000

BMHH-3 Usability Data				
Part Number Stainless Steel	Nom. Dia. (mm)	Nom. Lgth. (mm)	Thread Lgth. (mm)	Drill Cap. (mm)
BMHH5.5-25-3	5.5	25	FULL	1.2 – 4.0
BMHH5.5-38-3		38		
BMHH5.5-50-3		50		
BMHH5.5-65-3		65		
BMHH5.5-80-3		80		
BMHH5.5-100-3		100	75	
BMHH6.3-25-3	6.3	25	FULL	
BMHH6.3-38-3		38		
BMHH6.3-50-3		50		

Bi-metal Standard Tek

Unwashered Hex Head Tek 5
For 4mm - 12.5mm Steel

TECHNICAL

✓ Bi-metal

Designed For:	Fastening in aluminium sheeting and panels
Head Style:	Hexagonal
Drive:	5/16” hexagonal
Thread Form:	Fine thread (Tek 5)
Shank Material:	Stainless steel
Material Grade:	AISI 304/ EN 1.4301 (A2)

- ✓ High carbon, high performance drill point ensures superior drilling characteristics, giving accurate drilling every time
- ✓ Bi-metal fasteners have a hardened carbon steel drilling point (SAE C1022) brazed to a stainless steel (AISI 304/ EN 1.4301 (A2)) body and head
- ✓ Ultimate corrosion protection to ensure long-term fastener integrity

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Bi-metal Standard Tek

Unwashered Hex Head Tek 5 For 4mm - 12.5mm Steel

Code	Size	Box	Carton
BMHH5.5-38-5	5.5 x 38mm	200	2,000
BMHH5.5-50-5	5.5 x 50mm	100	1,000
BMHH5.5-75-5	5.5 x 75mm	100	1,000
BMHH5.5-100-5	5.5 x 100mm	100	1,000

BMHH-5 Usability Data					
Part Number Stainless Steel	Washer Dia. (mm)	Nom. Dia. (mm)	Nom. Lgth. (mm)	Thread Lgth. (mm)	Drill Cap. (mm)
BMHH5.5-38-5	None	5.5	38	FULL	4.0 – 12.5
BMHH5.5-50-5			50		
BMHH5.5-75-5			75		
BMHH5.5-100-5			100		

A4 Grade Standard Tek

TECHNICAL ✓ A4 grade Stainless Steel

Evolution A4 Bi-Metal tek screws are designed for use in coastal atmospheres. Also where heavy industrial pollutants are present.

LIGHT SECTION

Designed For:	Fastening various components to light section materials where the highest standards of corrosion resistance are required.
Head Style:	Hex Head with washer
Drive:	5/16” Hex Head
Washer:	16mm Ø bonded EDPM A4 stainless (also offered without washer)
Thread Form:	Coarse Thread (Tek 3)
Shank material:	Stainless Steel
Material Grade:	AISI 316/ EN 1.4401 (A4)

HEAVY SECTION

Designed For:	Fastening various components to heavy section materials where the highest standards of corrosion resistance are required.
Head Style:	Hex Head with washer
Drive:	5/16” Hex Head
Washer:	16mm Ø bonded EDPM A4 stainless
Thread Form:	Fine thread (TEK 5)
Shank material:	Stainless Steel
Material Grade:	AISI 316/ EN 1.4401 (A4)

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A4 Grade Standard Tek

LIGHT SECTION

Code	Size	Box	Carton
A4BM25-3	5.5 x 25 mm	200	2,400
A4BM38-3	5.5 x 38 mm	200	2,400
A4BM50-3	5.5 x 50 mm	100	2,400
A4BM75-3	5.5 x 75 mm	100	2,400
A4BMHH5.5-25-3	5.5 x 25mm	200	2,400
A4BMHH5.5-32-3	5.5 x 32mm	200	2,400
A4BMHH5.5-38-3	5.5 x 38mm	200	2,400
A4BMHH5.5-50-3	5.5 x 50mm	100	2,400

- ✓ High carbon, high performance drill point ensures superior drilling characteristics, giving accurate drilling every time
- ✓ Bi-metal fasteners have a hardened carbon steel drilling point (SAE C1022) brazed to a stainless steel (AISI 316/ EN 1.4401 (A4)) body and head
- ✓ Ultimate corrosion protection to ensure long-term fastener integrity

HEAVY SECTION

Code	Size	Box	Carton
A4BM38-5	5.5 x 38 mm	200	2,400
A4BM50-5	5.5 x 38 mm	100	1,000

- ✓ High carbon, high performance drill point ensures superior drilling characteristics, giving accurate drilling every time
- ✓ Bi-metal fasteners have a hardened carbon steel drilling point (SAE C1022) brazed to a stainless steel (AISI 316/ EN 1.4401 (A4)) body and head
- ✓ Ultimate corrosion protection to ensure long-term fastener integrity

Bi-metal Stitching Screws

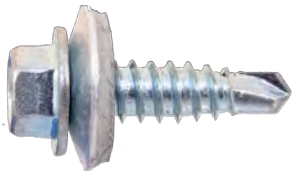
RoHS 2002/95/EC

CERTIFIED ISO 9001

TECHNICAL

✓ Bi-metal

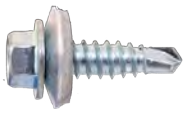
Designed For: Stitching cladding panels and laps,
Head style: 5/16 hexagonal (male) socket w/ flange,
Washer: With, or without, 16.0mm ØD EPDM washer,
Material: AISI 304/ EN 1.4301 (A2),
Coating: Electroplated zinc,



- ✓ High carbon high performance drill poiint ensures superior drilling characteristics giving accurate drilling every time
- ✓ Bi-metal fasteners have a hardened carbon steel drilling point (SAE C1022) brazed to a stainless steel (AISI 304/ EN 1.4301 (A2)) body and head
- ✓ Ultimate corrosion protection to ensure long-term fastener integrity

Tel: 01922 612211 Fax: 01922 636723

Bi-metal Stitching Screws



Code	Size	Box	Carton	Stainless Grade
Bi-Metal Stitching Screws				
BMTSFHR6.3-22.2	6.3x22mm	200	4,800	A2-70 / EN 1.4301 / 304
BMTSFHR6.3-35-2	6.3x35mm	200	4,800	A2-70 / EN 1.4301 / 304
BMTSFHR6.3-50-2	6.3x50mm	100	4,800	A2-70 / EN 1.4301 / 304
A4SS6.3-22-2	6.3x22mm	200	4,800	A4-50 / EN 1.4401 / 316
Bi-Metal Halter-Fixing Screws				
BMTSHF6.3-38-2	6.3x38mm	200	4,800	A2-70 / EN 1.4301 / 304
A2TSHF6.3-38-2	6.3x38mm	200	2,000	A2-70 / EN 1.4301 / 304

Bi-Metal Stitching Screws and Halter-fixing Screws – Usability Data

Part Number	Washer Dia. (mm)	Nominal Dia. (mm)	Nominal Lgth. (mm)	Threaded Lgth. (mm)	Drilling Capacity (mm)
Bi-Metal Stitching Screws					
BMTSFHR6.3-22.2	16.0	6.3	22.0	FULL	0.5 – 2.5
BMTSFHR6.3-35-2			35.0		
BMTSFHR6.3-50-2			50.0		
A4SS6.3-22-2			22.0		
Bi-Metal Halter-Fixing Screws					
BMTSHF6.3-38-2	16.0	6.3	38.0	FULL	0.5 – 2.5
A2TSHF6.3-38-2	N/A				

Bi-metal Metal Framing

TECHNICAL

✓ **Bi-metal**

Designed For:	when stainless steel product is required e.g. in aluminium sheeting and sections
Head style:	Low Profile
Drive:	Phillips 2
Thread Form:	Coarse (Tek 3) / fine thread (Tek 5)
Shank Material:	Stainless steel
Material Grade:	AISI 304/ EN 1.4301 (A2)
Coating:	500Hr EvoShield®

- ✓ High carbon high performance drill point ensures superior drilling characteristics giving accurate drilling every time
- ✓ Bi-metal fasteners have a hardened carbon steel drilling point (SAE C1022) brazed to a stainless steel (AISI 304/ EN 1.4301 (A2)) body and head
- ✓ Ultimate corrosion protection to ensure long-term fastener integrity

Tel: 01922 612211 Fax: 01922 636723

Bi-metal
Metal Framing

Code	Size	Box	Carton
BMTSPH5.5-19-3	5.5 x 19mm	200	2,000
BMTSPH5.5-25-3	5.5 x 25mm	200	4,800
BMTSLP5.5-38-5	5.5 x 38mm	200	2,000

BMTSPH / BMTSLP (Usability Data)					
Part Number	Washer Dia. (mm)	Nominal Dia. (mm)	Nominal Lgth. (mm)	Threaded Lgth. (mm)	Drilling Capacity (mm)
BMTSPH5.5-19-3	None	5.5	19.0	FULL	Min = 1.2 Max = 3.5
BMTSPH5.5-25-3		5.5	25.0		
BMTSLP5.5-38-5		5.5	38.0		Min = 4.0 Max = 12.0

✓ Bi-metal

A2/A4 Composite Panel

1.2mm - 3.5mm Steel Thickness

TECHNICAL

✓ Bi-metal

Designed For:	Use in brick-tie channel systems and for fastening aluminium sheeting and panels
Head Style:	Hexagonal
Drive:	5/16” hexagonal
Washer:	16mm Ø bonded EPDM
Thread Form:	Coarse thread
Dril Point:	Tek 3
Shank Material:	Stainless steel
Material Grade:	AISI 304/ EN 1.4301 (A2) or AISI 316/ EN 1.4401 (A4)
Coating:	Electroplated zinc

- ✓ High carbon, high performance drill point ensures superior drilling characteristics, giving accurate drilling every time
- ✓ Bi-metal fasteners have a hardened carbon steel drilling point (SAE C1022) brazed to a stainless steel (AISI 304/ EN 1.4301 (A2) or AISI 316/ EN 1.4401 (A4)) body and head
- ✓ Ultimate corrosion protection to ensure long-term fastener integrity

Tel: 01922 612211 Fax: 01922 636723

A2/A4 Composite Panel

1.2mm - 3.5mm Steel Thickness

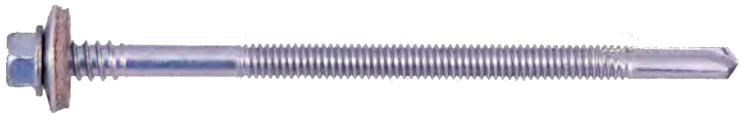
Code	Size	Box	Carton	Material	Washer Size
BMTSBWHT5.5-80-3	5.5 x 80mm	100	1,000	A2-70 (EN 1.4301)	16mm
BMTSBWHT5.5-105-3	5.5 x 105mm	100	1,000	A2-70 (EN 1.4301)	16mm
BMTSBWHT5.5-135-3	5.5 x 135mm	100	1,000	A2-70 (EN 1.4301)	16mm
BMTSBWHT5.5-150-3	5.5 x 150mm	100	1,000	A2-70 (EN 1.4301)	16mm
BMTSBWHT5.5-165-3	5.5 x 165mm	100	1,000	A2-70 (EN 1.4301)	16mm
BMTSBWHT16-5.5-185-3	5.5 x 150mm	50	500	A2-70 (EN 1.4301)	16mm
BMTSBWHT5.5-185-3	5.5 x 185mm	50	500	A2-70 (EN 1.4301)	19mm
BMTSBWHT5.5-235-3	5.5 x 235mm	50	500	A2-70 (EN 1.4301)	19mm
BMTSBWHT5.5-275-3	5.5 x 235mm	50	500	A2-70 (EN 1.4301)	19mm
A4BMHT105-3	5.5 x 105mm	100	1,000	A4-50 (EN 1.4401)	16mm
A4BMHT135-3	5.5 x 135mm	100	1,000	A4-50 (EN 1.4401)	16mm
A4BMHT150-3	5.5 x 150mm	100	1,000	A4-50 (EN 1.4401)	16mm
A4BMHT185-3	5.5 x 185mm	100	1,000	A4-50 (EN 1.4401)	19mm
BMHT12-5.5-105-3	5.5 x 105mm	100	1,000	A2-70 (EN 1.4301)	12mm
BMHT12-5.5-135-3	5.5 x 135mm	100	1,000	A2-70 (EN 1.4301)	12mm
BMHT12-5.5-150-3	5.5 x 150mm	100	1,000	A2-70 (EN 1.4301)	12mm
BMHT12-5.5-185-3	5.5 x 185mm	100	1,000	A2-70 (EN 1.4301)	12mm

✓ Bi-metal

A2 Heavy Section Bi-Metal Composite Panel Fasteners

RoHS 2002/95/EC

TECHNICAL



✓ **Bi-metal**

Designed For:	Fastening composite panels to heavy steel section
Head Style:	Hexagonal
Drive:	5/16” hexagonal
Washer:	16mm Ø bonded EPDM **or** 19mm Ø bonded EPDM
Thread Form:	Fine Thread / Coarse Buttress End Thread
Drill Point:	Tek 5
Shank Material:	Stainless Steel
Material Grade:	AISI 304/ EN 1.4301 (A2)
Coating:	Electroplated Zinc

- ✓ Carbon steel, high performance drill point ensures superior drilling characteristics giving accurate drilling every time
- ✓ Bi-metal fasteners have a hardened carbon steel drilling point (SAE C1022) brazed to a stainless steel (AISI 304/ EN 1.4301 (A2)) body and head
- ✓ Ultimate corrosion protection to ensure long-term fastener integrity

Tel: 01922 612211 Fax: 01922 636723

A2 Heavy Section Bi-Metal Composite Panel Fasteners

RoHS 2002/95/EC

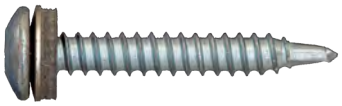
4 - 12.5mm Steel Thickness

Code	Size	Box	Carton	Washer Size
BMTSBWHT5.5-105-5	5.5 x 105mm	100	1,000	16mm
BMTSBWHT5.5-125-5	5.5 x 125mm	100	1,000	16mm
BMTSBWHT5.5-150-5	5.5 x 150mm	100	1,000	19mm
BMTSBWHT5.5-185-5	5.5 x 185mm	50	500	19mm
BMTSBWHT5.5-245-5	5.5 x 245mm	50	500	19mm

Bi-Metal (A2) Composite Panel Fasteners – TEK 5 (Useability Data)						
Product Code	Washer Diameter (mm)	Nominal Diameter (mm)	Nominal Length (mm)	Thread Length (mm)	Drilling Capacity (mm)	Insulation Capacity (mm)
BMTSBWHT5.5-105-5	16.0	5.5	105.0	75.0	4.0 – 12.5	50.0 – 70.0
BMTSBWHT5.5-125-5			125.0			70.0 – 90.0
BMTSBWHT5.5-150-5	19.0		150.0			80.0 – 115.0
BMTSBWHT5.5-185-5			185.0			120.0 – 150.0
BMTSBWHT5.5-245-5			245.0			170.0 – 220.0

Dome-Head Stitching Screws

TECHNICAL



✓ Bi-Metal (A2 Stainless Steel)

Designed For:	Fixing components, brackets and misc. hardware to light gauge steel substrates; where a low profile or anti-snag head is required. Also suitable where dissimilar metals are being used or superior corrosion resistance is required
Head style and Drive Type:	12mm ØD low profile (3.18mm) domed head with Torx® 25 female drive recess
Washer Type:	12mm ØD Vulcanised EPDM with Stainless steel (AISI 304/ EN 1.4301 (A2)) compression disc
Thread Form:	Coarse thread (Pitch = 1.8mm (approx.)
Material and Grade:	SAE C1022 Carbon Steel – Drilling point, AISI 304/ EN 1.4301 (A2) Stainless Steel – shank and head
Coating:	5µm electroplated Zinc

- ✓ Reduced diameter drilling point ensures highest possible withdrawal resistance in thin gauge steel substrates
- ✓ Super hard (>55 HRC), super sharp drilling points ensure fastest possible drilling times and reduce “walking” of point on substrate surface
- ✓ Sharp tapping threads ensure lower torque requirements and mitigate against user wrist fatigue
- ✓ Bi-metal fasteners have a hardened carbon steel drilling point (SAE C1022) brazed to a stainless steel (AISI 304/ EN 1.4301 (A2)) body and head
- ✓ Ultimate corrosion protection to ensure long-term fastener integrity

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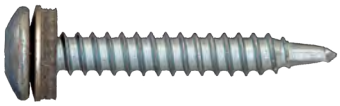
Dome-Head Stitching Screws



Code		Size	Box	Carton
w/o washer	w/washer			
TEK® 2 Range for light steel sections				
A2DH5.5-25-2	BMDH5.5-25-2	5.5 x 25mm	200	2,000
A2DH5.5-38-2	BMDH5.5-38-2	5.5 x 38mm	200	2,000
A2DH5.5-50-2	BMDH5.5-50-2	5.5 x 50mm	200	2,000
A2DH5.5-60-2	BMDH5.5-60-2	5.5 x 60mm	100	2,000
A2DH5.5-80-2	N/A	5.5 x 80mm	100	2,000
A2DH5.5-100-2	N/A	5.5 x 100mm	100	1,000
TEK® 5 Range for heavy steel sections				
N/A	BMDH5.5-38-5	5.5 x 38mm	200	2,000

BMDH-2 and A2DH Product Ranges (Usability Data)						
Product Code		Washer Diameter (mm)	Nominal Diameter (mm)	Nominal Length (mm)	Thread Length (mm)	Drilling Capacity (mm)
w/o washer	w/washer					
TEK® 2 Range for light steel sections						
A2DH5.5-25-2	BMDH5.5-25-2	12.0	5.5	25.0	FULL	0.8 – 2.5
A2DH5.5-38-2	BMDH5.5-38-2			38.0		
A2DH5.5-50-2	BMDH5.5-50-2			50.0		
A2DH5.5-60-2	BMDH5.5-60-2			60.0		
A2DH5.5-80-2	N/A			80.0	50.0	
A2DH5.5-100-2	N/A			100.0		
TEK® 5 Range for heavy steel sections						
N/A	BMDH5.5-38-5	12.0	5.5	38.0	50.0	4.0 – 12.0

A2/A4 Bi-metal Timber Tek

For 1.2mm - 3.5mm Steel

TECHNICAL

✓ **Bi-metal**

Designed For:	Fastening when stainless steel product is required, e.g. in aluminium sheeting and panels
Head Style:	Countersunk
Drive:	Phillips No. 2, Phillips No. 3 or Torx® 25
Thread Form:	Coarse thread (Tek 3)
Shank Material:	Stainless steel
Material Grade:	AISI 304/ EN 1.4301 (A2) or AISI 316/ EN 1.4401 (A4)
Recommended Drill speed:	1,500 - 2,500 RPM

- ✓ High carbon, high performance drill point ensures superior drilling characteristics, giving accurate drilling every time
- ✓ Bi-metal fasteners have welded, hardened carbon steel drill point married to a 304/Euro A2 grade stainless steel shank
- ✓ Ultimate corrosion protection to ensure long-term fastener integrity

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A2/A4 Bi-metal Timber Tek

For 1.2mm - 3.5mm Steel

Code	Size	Box	Carton	A2	A4
BMWD4.8-38-3	4.8 x 38mm	200	4,800	✓	
BMWD5.5-50-3	5.5 x 50mm	100	1,000	✓	
BMWD5.5-62-3	5.5 x 62mm	100	1,000	✓	
BMWD5.5-80-3	5.5 x 80mm	100	1,400	✓	
BMWD5.5-100-3	5.5 x 100mm	100	1,000	✓	
BMWD5.5-120-3	5.5 x 120mm	100	1,000	✓	
A4WD4.8-38-3	4.8 x 38mm	200	4,800		✓
A4WD5.5-62-3	5.5 x 62mm	100	1,000		✓

✓ Bi-metal

Bi-metal Timber Tek

For 4mm - 12.5mm Steel

TECHNICAL

✓ **Bi-metal**

Designed For:	Fastening when stainless steel product is required,
Head Style:	Countersunk
Drive:	Phillips 3
Thread Form:	Fine thread (Tek 5)
Shank Material:	Stainless steel
Material Grade:	AISI 304/ EN 1.4301 (A2)
Recommended Drill speed:	1,500 - 2,500 RPM

- ✓ High carbon, high performance drill point ensures superior drilling characteristics, giving accurate drilling every time
- ✓ Bi-metal fasteners have a hardened carbon steel drilling point (SAE C1022) brazed to a stainless steel (AISI 304/ EN 1.4301 (A2)) body and head
- ✓ Ultimate corrosion protection to ensure long-term fastener integrity

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Bi-metal Timber Tek

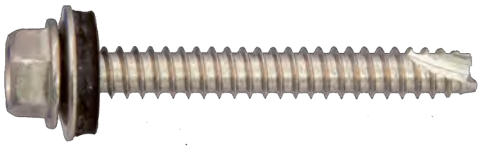
For 4mm - 12.5mm Steel

Code	Size	Box	Carton	Bi-metal
BMWD5.5-65-5	5.5 x 65mm	100	1,000	✓
BMWD5.5-85-5	5.5 x 85mm	100	1,000	✓
BMWD5.5-110-5	5.5 x 110mm	100	1,000	✓
BMWD5.5-135-5	5.5 x 135mm	100	1,000	✓

✓ Bi-metal

A4 Self Tapping Screws

TECHNICAL



✓ Bi-metal

Designed For:	Fixing profiled and flat steel sheeting or bracketry to steel substrates in highly corrosive environments
Head Style:	3/8” Hexagonal socket with washer compression flange
Drive:	3/8” (10mm) male hex
Thread Form:	Coarse thread with thread pitch of 1.8mm
Point type:	Modified Type F (ISO 1479: 2011), Type BT (BS 4174: 1972 and ASTM C1513-18)
Washer Type:	16mm OD Washer comprising 2mm thick vulcanised EPDM seal and 1.6mm thick profiled stainless-steel compression disc (of same grading as screw)

✓ Bi-metal

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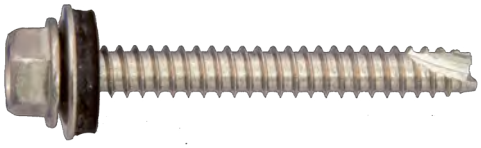
A4 Self Tapping Screws



Code	Size	Box	Threaded Length	Maximum Overall Build-up	Steel Tapping Limitations
A4ST6.3-32	6.3 x 32.0 mm	200	FULL	1.5 – 27.0mm	1.5 – 15.0mm
A4ST6.3-50	6.3 x 50.0 mm	200	FULL	1.5 – 45.0mm	1.5 – 15.0mm
A4ST6.3-75	6.3 x 75.0 mm	100	50.0	1.5 – 70.0mm	1.5 – 15.0mm
A4ST6.3-100	6.3 x 100.0 mm	100	50.0	1.5 – 95.0mm	1.5 – 15.0mm

✓ Bi-metal

A4 Bi-Metal SuperTEK® 7

TECHNICAL

Designed For:	Fixing steel to steel where enhanced corrosion resistance is required
Head style and drive type:	5/16” hexagonal male socket
Thread form:	24 TPI (w/ V-fluting)
Drill point:	SuperTEK® 7 (Min. 4.0mm – Max. 18.0mm)
Material and grade:	SAE C1022 (hardened) carbon steel self-piercing tip brazed to AISI 304 / EN 1.4301/ A2-70 stainless steel body and head
Coating:	5µm electrodeposited zinc (w/ blue dichromate passivation)
Washer:	None
Recommended drill speed:	≥ 750 ≤ 1,500 RPM (non-impacting only)

- ✓ Innovative self-drilling point allows industry-leading self-drilling performance in very heavy steel sections,
- ✓ A4 stainless steel construction permits excellent corrosion resistance in C1, C2, C3 and C4 corrosion environments.

Code	Size	Box	Carton
BMTSHW5.5-55-7	5.5 x 55.0mm	100	1,400

Bi-Metal™ SuperTEK® 7 – Usability Data					
Product Code	Washer Diameter (mm)	Nominal Diameter (mm)	Nominal Length (mm)	Thread Length (mm)	Drilling Capacity (mm)
BMTSHW5.5-55-7	N/A	5.5	55.0	FULL	4.0 – 18.0

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A2 Stainless Fibre Cement Board (BAZ) Screws

TECHNICAL

Designed For:	Fixing sinusoidal profiled fibrous cement sheets to timber substrates
Head style and drive type:	5/16” hexagonal male socket
Thread form:	Proprietary coarse thread for timber substrates
Drill point:	Type 17 (Gash point)
Material and grade:	AISI 304/ EN 1.4301/ A2-70 stainless steel
Washer:	BAZ type EPDM sealing washer
Recommended drill speed:	≥ 750 ≤ 1,500 RPM (non-impacting only)

- ✓ Innovative gash point allows for easy driving through profiled fibrous sheets, as well as CEMSix®/ EuroSix® Big Six® fibre cement roofing sheets,
- ✓ A2 stainless steel construction permits excellent corrosion resistance in C1, C2, C3 and C4 corrosion environments.

Code	Size	Box	Carton
A2SSDH6.3-130-GP	6.3 x 130.0mm	50	400

A2 Fibre Cement Board (BAZ) Screws – Usability Data					
Product Code	Washer Diameter (mm)	Nominal Diameter (mm)	Nominal Length (mm)	Thread Length (mm)	Drilling Capacity (mm)
A2SSDH6.3-130-GP	BAZ	6.3	130.0	75.0	TIMBER

Self Drilling Insulation - Phillips

✓ Evoshield Coating

Designed For:	Fixing insulation to steel and timber purlins
Head Style:	Bugle
Drive:	Phillips 2
Thread Form:	Single
Material Grade:	AISI C1022
Coating:	500hr Evoshield®
Recommended Drill Speed:	Steel drilling capacity 0.7-2.0 mm 1,500 - 2,500 RPM

- ✓ Self drilling point and coarse thread allows optimum performance in steel and timber substrates
- ✓ Bugle head allows use with various washer designs
- ✓ Heat treated carbon steel construction yields material strength of 1,100N/mm2 for superior physical performance
- ✓ Evoshield® coating provides greater corrosion resistance over the industry standard

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Self Drilling Insulation - Phillips

Code	Size	Box	Carton	Phillips 2 Drive
IS60	4.8 x 60mm	200	2,400	✓
IS80	4.8 x 80mm	200	2,400	✓
IS100	4.8 x 100mm	200	2,400	✓
IS110	4.8 x 110mm	200	2,400	✓
IS120	4.8 x 120mm	200	2,400	✓
IS130	4.8 x 130mm	200	2,400	✓
IS140	4.8 x 140mm	200	2,400	✓
IS150	4.8 x 150mm	200	1,600	✓
IS160	4.8 x 160mm	200	1,600	✓
IS170	4.8 x 170mm	200	2,400	✓
IS180	4.8 x 180mm	200	1,600	✓
IS190	4.8 x 190mm	100	800	✓
IS200	4.8 x 200mm	100	800	✓
IS220	4.8 x 220mm	100	800	✓
IS240	4.8 x 240mm	100	900	✓
IS260	4.8 x 260mm	100	600	✓
IS280	4.8 x 280mm	100	600	✓
IS300	4.8 x 300mm	100	600	✓

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Self Drilling Insulation - Torx

✓ Evoshield Coating

Designed For:	Fixing insulation to steel and timber purlins
Head Style:	Bugle
Drive:	Torx 25
Thread Form:	Single
Material Grade:	AISI C1022
Coating:	500hr Evoshield®
Recommended Drill Speed:	Steel drilling capacity 0.7-2.0 mm 1,500 - 2,500 RPM

- ✓ Self drilling point and coarse thread allows optimum performance in steel and timber substrates
- ✓ Bugle head allows use with various washer designs
- ✓ Heat treated carbon steel construction yields material strength of 1,100N/mm2 for superior physical performance
- ✓ Evoshield® coating provides greater corrosion resistance over the industry standard

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Self Drilling Insulation - Torx

Code	Size	Box	Carton	T25 Drive
T25IS120	4.8 x 120mm	200	2,400	✓
T25IS140	4.8 x 140mm	200	2,400	✓
T25IS160	4.8 x 160mm	200	1,600	✓
T25IS180	4.8 x 180mm	200	1,600	✓
T25IS200	4.8 x 200mm	100	800	✓

Self-Drilling Insulation Screws – A4 Stainless Steel

✓ Bi-metal

Designed For:	Fixing insulation to light gauge steel or timber substrates. Also suitable where dissimilar metals are being used or superior corrosion resistance is required
Head style and Drive Type:	Philips No. 2
Thread Form:	Coarse thread (Pitch = 1.8mm (approx.)
Material Grade:	SAE C1022 Carbon Steel – Drilling point AISI 316/ EN 1.4401 (A4) Stainless Steel – shank and head
Recommended Drill Speed:	Steel drilling capacity 0.7-2.0 mm 1,500 - 2,500 RPM
Coating:	5µm electroplated Zinc.

- ✓ High carbon, high performance drill point ensures superior drilling characteristics, giving accurate drilling every time,
- ✓ Bi-metal fasteners have a hardened carbon steel drilling point (SAE C1022) brazed to a stainless steel (AISI 316/ EN 1.4401 (A4)) body and head,
- ✓ Ultimate corrosion protection to ensure long-term fastener integrity, even in hardwoods with a high tannin content.

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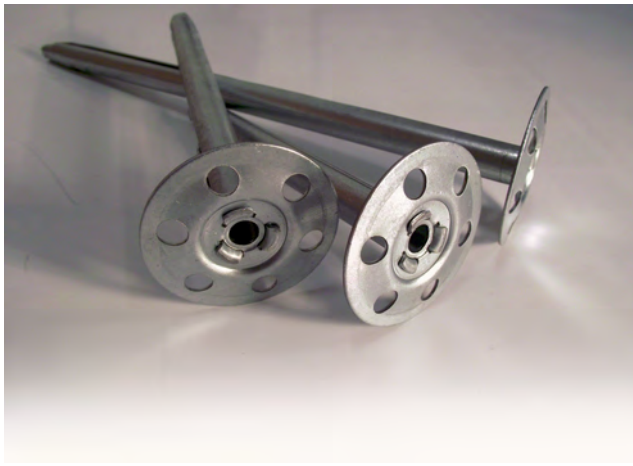
Self-Drilling Insulation Screws – A4 Stainless Steel

Code	Size	Box	Carton
A4IS45	4.8 x 45mm	100	3,200
A4IS60	4.8 x 60mm	100	3,200
A4IS80	4.8 x 80mm	100	3,200
A4IS100	4.8 x 100mm	100	2,000
A4IS120	4.8 x 120mm	100	2,000
A4IS140	4.8 x 140mm	100	1,600
A4IS160	4.8 x 160mm	100	800
A4IS180	4.8 x 180mm	100	800
A4IS200	4.8 x 200mm	100	800
A4IS240	4.8 x 240mm	100	800

✓ Bi-metal

Insulation Anchors



Galvanised Insulation Anchors

Designed For:	Fixing rigid insulation boards and mineral wool insulation to blockwork, brickwork or concrete substrates in C1 and C2 internal corrosion environments
Head style:	40mm ØD compression disk
Material and grade:	SAE 1080 spring steel (non-hardened)
Coating:	HD Galvanised - Z140 (pursuant to EN 10346)
Fire Classification:	A1 (pursuant to EN 13501-1)

Stainless Steel Insulation Anchors

Designed For:	Fixing rigid insulation boards and mineral wool insulation to blockwork, brickwork or concrete substrates in C1 and C2 internal corrosion environments
Head style:	40mm ØD compression disk
Material and grade:	AISI 304 / EN 1.4301/ A2-70 stainless steel
Coating:	None
Fire Classification:	A1 (pursuant to EN 13501-1)

- ✓ All steel anchor to satisfy fire resistance requirements and building regulations (inc. the Building (Amendment) Regulations 2018),
- ✓ Ideal for fixing either rigid foam insulation, extruded insulation or mineral wool insulation to concrete, block or brick substrates,
- ✓ Large diameter head provides resistance to insulation pull-over,
- ✓ Easy hammer-in installation.

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Insulation Anchors

Code	Size	Box	Bi-metal
GIA 880	80mm	50	
GIA 890	90mm	50	
GIA 8110	110mm	50	
GIA 8140	140mm	50	
GIA 8170	170mm	50	
GIA 8200	200mm	50	
GIA 8240	240mm	50	
A2GIA110	110mm	50	✓
A2GIA140	140mm	50	✓

Galvanised or Stainless Insulation Anchors – Usability Data								
Product Code		Head Dia. (mm)	Nom. Dia. (mm)	Nom. Lgth. (mm)	Min. Emb. (mm)	Min. Pil. Hole. Dpth. (mm)	Pil. Hol. Dia. (mm)	Max. Ins. Thcks. (mm)
Galvanised	Stainless							
GIA 880	N/A	40.0	8.0	80.0	50.0	60.0	8.0	30
GIA 890				90.0				40
GIA 8110	A2GIA110			110.0				60
GIA 8140	A2GIA140			140.0				90
GIA 8170	N/A			170.0				120
GIA 8200				200.0				150
GIA 8240				240.0				190

Heavy Duty Roofing Screw

✓ Evoshield Coating

Designed For:	Fixing insulation and single ply membrane to plywood, timbers, steel decking and concrete.
Head Style:	Dome Head (Pan)
Drive:	PH3
Thread Form:	Coarse single thread
Material Grade:	AISI C1022
Coating:	500hr Evoshield®

- ✓ Fixing insulation and single ply membrane to plywood, timbers, steel decking and concrete.**
- ✓ For fixing ply and other roofing layers to timber
- ✓ Low profile pan head for application versatility
- ✓ Washers also available

** a 5mm pilot hole allows fixing to steel from 1.2 to 2mm, fastener is self piercing in 0.7mm track.
** a 5.15mm Pilot hole is required for concrete. Hole must be 15mm deeper than screw embedment.

Stress Plates

Designed For: Spreading the loading when fixing membrane, insulation and single ply materials in roofing applications, preventing the material being fastened from pulling over the head of the fastener.

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Heavy Duty Roofing Screw

Code	Size	Box	Carton	Evoshield Coating
ERS76	76 mm	100	1,400	✓
ERS100	100 mm	100	1,200	✓
ERS127	127 mm	100	900	✓
ERS152	152 mm	100	900	✓
ERS176	176 mm	50	450	✓
ERS200	200 mm	50	450	✓
ERS225	225 mm	50	450	✓
ERS250	250 mm	50	300	✓

Stress Plates

Code	Size	Box
SPR70	Round 70mm	100
SPR90	Round 90mm	100
SP082	Oval 82 x 40mm	100
SSSPR70	A2 Stainless Steel - Round 70mm	100

Insulation Retaining Washer

Designed For: For securing insulation to timber and sheet steel when used with Evolution drywall, IS etc

- ✓ Evolution Insulation retaining washers are used in conjunction with different screw types to secure PIR insulation to timber, steel and masonry
- ✓ All of the washers have a recessed mounting point for the screw head, this ensures that the screw head is well below the surface, reducing cold bridging

Polyproylene washer

Designed For: For securing insulation to timber and steel sheet when used in conjunction with Evolution screws

Colour: Black

- ✓ UV stable polypropylene washer to secure PIR insulation
- ✓ Recessed hole to allow flat surface finish
- ✓ 5 radial holes for render keying

For customer convenience we offer four differing types of retention washer, some with more than one length.

Washer 1 - RW5 and RW18
The washers are 46mm diameter, manufactured from high strength Nylon. Two versions are available, short stem with 5mm recess and long stem with 18mm recess.

Washer 2 - RW35 and RW65
This product's longer length recess allows the fixing to retain the thicker insulation types being used in today's construction industry

Washer 3 - ECW60
The washer head is 60mm in diameter and with its additional sealing cap provides additional cold bridging protection.

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Insulation Retaining Washer

Code	Size	Diameter	Box
RW5	5 mm Recess	46 mm	500
RW18	18 mm Recess	46 mm	500
RW65	65 mm Recess	50 mm	400
RW105	105 mm Recess	50 mm	200
RW165	165 mm Recess	50 mm	200
EVNW35	35mm polyprop	35mm	1000
EVPPW50	50mm polyprop	50mm	1000
ECW60	12 mm Recess	60 mm	100
ECW90	Fits ECW60	90 mm	100

Evolution Insulation retaining washers can be used in conjunction with:

- Evolution Woodscrews
- Drywall Screws
- Masonry screws
- Long length Insulation Screws

Panel-Fix

Insulation Fixing

Designed For: Quick through-fix for insulation boards into masonry/ aerated concrete/ brick/ concrete/ stone

Material Grade: Thermoplastic Polymer

Shank Material: Polypropylene

Colour: White

Head Style: Flat

Insulation Support Washer

Designed For: For use with insulation fixing for fixing soft insulation (e.g. Rockwool®)

Colour: White

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Panel Fix

Code	Size	Min drill depth	Pilot hole	Fixture thickness	Box	Carton
EVPF50	8.0 x 50 mm	35 mm	8.0 mm	10.0 - 20.0 mm	500	500
EVPF70	8.0 x 70 mm	35 mm	8.0 mm	10.0 - 40.0 mm	500	500
EVPF90	8.0 x 90 mm	35 mm	8.0 mm	10.0 - 60.0 mm	500	500
EVPF110	8.0 x 110 mm	35 mm	8.0 mm	10.0 - 80.0 mm	500	500
EVPF130	8.0 x 130 mm	35 mm	8.0 mm	10.0 - 100.0 mm	500	500

Countersunk Head
Self Tapping Masonry Screw

✓ Countersunk Head

Designed for:	Fixing timber battens, trunking, track and general components into concrete and masonry
Head style:	Countersunk or slotted hex head
Drive bit:	Phillips 2 / Phillips 3
Drill point:	Nail point
Coating:	500hr Evoshield®
Shank material:	Carbon steel
Material grade:	AISI C1022

- ✓ Head styles - both hex and countersunk types available for application versatility. Precision manufacture ensures stick-fit with countersunk types
- ✓ Aggressive threadform design ensures consistent tapping and superb holding power
- ✓ Fast and simple installation, re-usable, no plugs required.
- ✓ Nail point tip
- ✓ 500hr rated Evoshield™ coating gives high performing corrosion protection, setting standards for surface hardness and integrity
- ✓ Non-expansion fixing allows fixing closer to edge of substrate

RoHS 2002/95/EC

CERTIFIED ISO 9001

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Countersunk Head
Self Tapping Masonry Screw

✓ Countersunk Head

Code	Size	Drive	Fixture Build-Up	Box	Carton
MSCSK4.8-32-2	4.8 x 32.0 mm	Phillips No 2	0.0 – 7.0mm	100	3,200
MSCSK4.8-45-2	4.8 x 45.0 mm	Phillips No 2	5.0 – 20.0mm	100	3,200
MSCSK4.8-57-2	4.8 x 57.0 mm	Phillips No 2	17.0 – 32.0mm	100	2,400
MSCSK4.8-70-2	4.8 x 70.0 mm	Phillips No 2	30.0 – 45.0mm	100	1,400
MSCSK4.8-82-2	4.8 x 82.0 mm	Phillips No 2	42.0 – 57.0mm	100	1,400
MSCSK4.8-100-2	4.8 x 100.0 mm	Phillips No 2	60.0 – 75.0mm	100	1,400
MSCSK6.3-32-3	6.3 x 32.0 mm	Phillips No 3	0.0 – 7.0mm	100	2,400
MSCSK6.3-45-3	6.3 x 45.0 mm	Phillips No 3	5.0 – 20.0mm	100	3,000
MSCSK6.3-57-3	6.3 x 57.0 mm	Phillips No 3	17.0 – 32.0mm	100	2,400
MSCSK6.3-70-3	6.3 x 70.0 mm	Phillips No 3	30.0 – 45.0mm	100	1,600
MSCSK6.3-82-3	6.3 x 82.0 mm	Phillips No 3	42.0 – 60.0mm	100	1,600
MSCSK6.3-100-3	6.3 x 100.0 mm	Phillips No 3	57.0 – 75.0mm	100	1,400
MSCSK6.3-125-3	6.3 x 125.0 mm	Phillips No 3	85.0 – 100.0mm	100	800
MSCSK6.3-150-3	6.3 x 150.0 mm	Phillips No 3	100.0 – 125.0mm	100	800

evoshield

Slotted Head Self Tapping Masonry Screw

✓ Slotted Head

Designed for:	Fixing timber battens, trunking, track and general components into concrete and masonry
Head style:	Countersunk or slotted hex head
Drive bit:	5/16 hex slotted hex head
Drill point:	Nail point
Coating:	500hr Evoshield®
Shank material:	Carbon steel
Material grade:	AISI C1022

- ✓ Head styles - both hex and countersunk types available for application versatility. Precision manufacture ensures stick-fit with countersunk types
- ✓ Aggressive threadform design ensures consistent tapping and superb holding power
- ✓ Fast and simple installation, re-usable, no plugs required.
- ✓ Nail point tip
- ✓ 500hr rated Evoshield™ coating gives high performing corrosion protection, setting standards for surface hardness and integrity
- ✓ Non-expansion fixing allows fixing closer to edge of substrate

RoHS 2002/95/EC

CERTIFIED ISO 9001

evoshield

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Slotted Head Self Tapping Masonry Screw

✓ Slotted Head

Code	Size	Drive	Fixture Build-Up	Box	Carton
MSHH6.3-32-516	6.3 x 32.0 mm	5/16" AF Hex	0.0 – 7.0mm	100	3,200
MSHH6.3-45-516	6.3 x 45.0 mm	5/16" AF Hex	5.0 – 20.0mm	100	1,600
MSHH6.3-57-516	6.3 x 57.0 mm	5/16" AF Hex	17.0 – 32.0mm	100	2,400
MSHH6.3-70-516	6.3 x 70.0 mm	5/16" AF Hex	30.0 – 45.0mm	100	1,400
MSHH6.3-82-516	6.3 x 82.0 mm	5/16" AF Hex	42.0 – 57.0mm	100	1,400
MSHH6.3-100-516	6.3 x 100.0 mm	5/16" AF Hex	55.0 – 75.0mm	100	1,200
MSHH6.3-125-516	6.3 x 125.0 mm	5/16" AF Hex	75.0 – 100.0mm	100	1,200
MSHH6.3-140-516	6.3 x 140.0 mm	5/16" AF Hex	90.0 – 115.0mm	100	600
MSHH6.3-160-516	6.3 x 160.0 mm	5/16" AF Hex	110.0 – 135.0mm	100	600
MSHH6.3-180-516	6.3 x 180.0 mm	5/16" AF Hex	130.0 – 155.0mm	50	450
MSHH6.3-200-516	6.3 x 200.0 mm	5/16" AF Hex	150.0 – 175.0mm	50	450
MSHH6.3-254-516	6.3 x 254.0 mm	5/16" AF Hex	200.0 – 225.0mm	50	300

✓ Slotted Head

✓ With bonded EDPM washer

Code	Size	Drive	Fixture Build-Up	Box	Carton
MSHHW6.3-32-516	6.3 x 32.0 mm	5/16" AF Hex	0.0 – 7.0mm	100	3,200
MSHHW6.3-45-516	6.3 x 45.0 mm	5/16" AF Hex	5.0 – 20.0mm	100	1,600
MSHHW6.3-57-516	6.3 x 57.0 mm	5/16" AF Hex	17.0 – 32.0mm	100	2,400

A4 Grade Bi-Metal Masonry Screws

Designed for:	Fixing timber battens, trunking, track and general components into concrete, masonry and timber
Head style:	5/16" hexagonal head
Drill point:	Type 17
Shank material:	Stainless steel
Material grade:	AISI 316/ A4

- ✓ Carbon steel point and lead thread ensures superior tapping characteristics giving consistent fastening every time
- ✓ Bi-metal fasteners have a hardened carbon steel drill point married to a 316/ Euro A4 grade stainless steel shank and head
- ✓ Aggressive threadform design ensures consistent tapping and holding power
- ✓ Fast and simple installation
- ✓ Non-expansion fixing allows fixing closer to edge of substrate
- ✓ Euro A4 grade stainless washers also available
- ✓ Requires 5.15mm pilot hole

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A4 Grade Bi-Metal Masonry Screws

Code	Size	Box	Carton
A4HH6.3-32-GP	6.3mm x 32mm	100	2,400
A4HH6.3-45-GP	6.3mm x 45mm	100	2,400
A4HH6.3-57-GP	6.3mm x 57mm	100	2,400
A4HH6.3-70-GP	6.3mm x 70mm	100	1,000
A4HH6.3-82-GP	6.3mm x 82mm	100	1,000
A4HH6.3-100-GP	6.3mm x 100mm	100	1,000

A4HH Usability Data

Product Code	Nominal Dimensions	Min. Embedment Depth	Max. Embedment Depth	Pilot Hole Diameter	Minimum Pilot Hole Depth	Fixture/ Build-up Thickness
A4HH6.3-32-GP	6.3 x 32.0	25	32	5.15	40	0.0 – 5.0
A4HH6.3-45-GP	6.3 x 45.0	25	35			5.0 – 15.0
A4HH6.3-57-GP	6.3 x 57.0					15.0 – 27.0
A4HH6.3-70-GP	6.3 x 70.0					25.0 – 40.0
A4HH6.3-82-GP	6.3 x 82.0					40.0 – 50.0
A4HH6.3-100-GP	6.3 x 100.0					50.0 – 70.0

A4 Multi-fix CSK Screw

Designed for:	Fixing timber battens, trunking, track and general components into concrete, masonry and timber
Head style:	Countersunk
Drill point:	Type 17
Shank material:	Stainless steel
Material grade:	AISI 316/ A4

- ✓ Carbon steel point and lead thread ensures superior tapping characteristics giving consistent fastening every time
- ✓ Bi-metal fasteners have a hardened carbon steel drill point married to a 316/ Euro A4 grade stainless steel shank and head
- ✓ Aggressive threadform design ensures consistent tapping and holding power
- ✓ Fast and simple installation
- ✓ Non-expansion fixing allows fixing closer to edge of substrate
- ✓ Euro A4 grade stainless washers also available
- ✓ Requires 5.15mm pilot hole

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A4 Multi-fix CSK Screw

Code	Size	Box	Carton
A4CSK6.3-45-GP	6.3mm x 45mm	100	1,000
A4CSK6.3-57-GP	6.3mm x 57mm	100	1,000
A4CSK6.3-75-GP	6.3mm x 75mm	100	1,000

A4 Multi-Fix (Countersunk) – Usability Data						
Product Code	Nominal Dia.	Min. Embedment Depth	Max. Embedment Depth	Pilot Hole Diameter	Minimum Pilot Hole Depth	Build-Up Thickness (mm)
A4CSK6.3-45-GP	6.3 mm	25.0mm	35.0mm	5.15mm	40.0mm	5.0 – 15.0
A4CSK6.3-57-GP						15.0 – 30.0
A4CSK6.3-75-GP						30.0 – 50.0

Self Tapping Framing Screws with Torx Head

✓ Countersunk Head

Designed for:	Fixing wood, metal or PVCu frames to masonry
Head style:	Countersunk
Thread form:	Single coarse 'V' fluted
Drill point:	Sharp point
Material grade:	Carbon steel
Coating:	Yellow passivated zinc

- ✓ A heavy duty self-tapping concrete screw suitable for fixing wood, metal or PVCu frames to masonry.
- ✓ Lengths available from 62mm to 212mm.
- ✓ Torx30 recess provides excellent torsional stability and superior drive characteristics.
- ✓ Case hardened carbon steel (C1018) with yellow zinc passivated coating (48hr Rated).
- ✓ Non-expansion fixing. Allows fixing closer to edge of substrate.
- ✓ Aggressive thread form design ensures consistent tapping and superb holding power.
- ✓ Torx 30 drive bit included with every box.
- ✓ Requires 6.0mm pilot hole

RoHS 2002/95/EC

CERTIFIED ISO 9001

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Self Tapping Framing Screws with Torx Head

Code	Size	Box	Carton
STCS62	7.5x62mm	100	1,000
STCS72	7.5x72mm	100	1,000
STCS82	7.5x82mm	100	1,000
STCS92	7.5x92mm	100	1,000
STCS102	7.5x102mm	100	1,000
STCS112	7.5x112mm	100	1,000
STCS122	7.5x122mm	50	1,000
STCS132	7.5x132mm	50	1,000
STCS152	7.5x152mm	50	1,000
STCS162	7.5x162mm	50	800
STCS182	7.5x182mm	50	800
STCS202	7.5x202mm	50	800
STCS212	7.5x212mm	50	800

STCS Usability Data						
Product Code	Nominal Dimensions	Min. Embedment Depth	Max. Embedment Depth	Pilot Hole Diameter	Minimum Pilot Hole Depth	Fixture/ Build-up Thickness
STCS62	7.5 x 62.0	25.0	35.0	6.0	40.0	0.0 – 27.0
STCS82	7.5 x 82.0					0.0 – 47.0
STCS92	7.5 x 92.0					0.0 – 57.0
STCS102	7.5 x 102.0					0.0 – 67.0
STCS112	7.5 x 112.0					0.0 – 77.0
STCS122	7.5 x 122.0					0.0 – 87.0
STCS132	7.5 x 132.0					0.0 – 97.0
STCS152	7.5 x 152.0					47.0 – 117.0
STCS162	7.5 x 162.0					47.0 – 127.0
STCS182	7.5 x 182.0					57.0 – 147.0
STCS202	7.5 x 202.0					57.0 – 167.0
STCS212	7.5 x 212.0					57.0 – 177.0

High Performance Hammerfix

✓ Carbon Steel

Designed for Purpose:	Through fixing for use in masonry
Head Style:	Countersunk/ Flat
Coating:	Zinc with dichromate passivation
Material Grade:	C1022

- ✓ For quick and easy fixing into solid brick or masonry
- ✓ Extensive range to suit most requirements
- ✓ High density, fully removable nylon sleeve
- ✓ Manufactured from steel and zinc coated
- ✓ Time saving application due to pre-assembled screw and plug
- ✓ Countersunk head design protects the item being fixed

RoHS 2002/95/EC

CERTIFIED LR ISO 9001

ETA CE

CE marked in compliance with the Construction Products Regulations (European Regulation No. 305/2011 and with full European Technical Approvals.

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High Performance Hammerfix

Code	Size	Drill ø	Max Fixture Thickness	Min Drill Depth	Carbon Steel	Box	Carton
EHIA640	6.0 x 40.0 mm	6 mm	10 mm	40 mm	✓	200	2,400
EHIA650	6.0 x 50.0 mm	6 mm	25 mm	40 mm	✓	200	2,400
EHIA660	6.0 x 60.0 mm	6 mm	35 mm	40 mm	✓	100	1,200
EHIA680	6.0 x 80.0 mm	6 mm	55 mm	40 mm	✓	100	1,200
EHIA860	8.0 x 60.0 mm	8 mm	25 mm	50 mm	✓	100	1,200
EHIA880	8.0 x 80.0 mm	8 mm	40 mm	50 mm	✓	50	600
EHIA8100	8.0 x 100.0 mm	8 mm	60 mm	50 mm	✓	50	600
EHIA8120	8.0 x 120.0 mm	8 mm	80 mm	50 mm	✓	50	600
EHIA8140	8.0 x 140.0 mm	8 mm	95 mm	50 mm	✓	50	600
EHIA640C*	6.0 x 40.0 mm	6 mm	10 mm	40 mm	✓	200	2,400

* Denotes collared version of product

CE marked in compliance with the Construction Products Regulations (European Regulation No. 305/2011 and with full European Technical Approvals.

A2 Hammerfix

✓ Stainless Steel

Designed for Purpose:	Through fixing for use in concrete and masonry
Head Style:	Countersunk/ Flat
Coating:	Zinc
Material Grade:	AISI 304/ EN 1.4301 (A2)

- ✓ For quick and easy fixing into solid brick, masonry or concrete,
- ✓ Extensive range to suit most requirements,
- ✓ High density, fully removable nylon sleeve,
- ✓ Manufactured from steel and zinc coated,
- ✓ Time saving application due to pre-assembly of screw and plug
- ✓ Countersunk design protects the item being fixed.

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A2 Hammerfix

Code	Size	Box	Carton
SSHS640	6.0 x 40.0 mm	100	2,400
SSHS660	6.0 x 60.0 mm	100	1,600
SSHS860	8.0 x 60.0 mm	100	1,200
SSHS880	8.0 x 80.0 mm	100	1,200
SSHS8100	8.0 x 100.0 mm	100	2,000

Steel Ceiling Anchors

RoHS 2002/95/EC

CERTIFIED ISO 9001

EUROPA CE ETAG001

ETA-13/06340

Designed for: Use with angle brackets in concrete ceilings where regulations dictate all steel anchors should be used for overhead fixings.

Head style: Flat

Coating: Passivated zinc

Shank material: Carbon steel

Material grade: AISI C1022

Drill diameter: 6.0mm

Min. drill depth: 30.0mm

Fixture thickness 5.0mm

Fire tested: Yes, to EN1364-1

THESE PRODUCTS ARE FIRE TESTED TO EN-1364-1

- ✓ Manufactured from steel and zinc with a clear passivated coating
- ✓ Time saving application due to pre-assembled nature of anchor
- ✓ Quick and easy through fix item
- ✓ Extensive range to suit most requirements
- ✓ High retaining power
- ✓ Automatic expansion
- ✓ Non-removable

Code	Size	Box	Carton
EVDBZ640	M6 x 40.0mm	100	2,000
EVDBZ665	M6 x 65.0mm	100	1,000

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Wirehangers

Designed for: Fixing cables/wires in suspended ceiling applications.
Head style: Flat
Size: M6 x 60.0mm
Eye diameter: 6.5mm
Coating: Clear or Yellow zinc passivated
Shank material: Carbon steel
Material grade: AISI C1022
Drill diameter: 6.0mm
Min. drill depth: 35.0mm
Fire tested: Yes, to EN1364-1

- ✓ 6.5mm eye to ensure speed of application when attaching wire
- ✓ Zinc and clear passivated coating
- ✓ Quick and easy installation

Code	Size	Eye Diameter	Drill Diameter	Min Drill Depth	Box	Carton
WH6	6.0 x 60.0 mm	6.5 mm	6.0 mm	35.0 mm	100	2,000

ZAMAK® Nail-in Anchor

Designed for: Fixing brackets, clips and accessories in a non-structural or fire-resistant capacity,
Head style: Flat
Shank material: Zinc-aluminium alloy,
Drill diameter: 6.0mm
Min. drill depth: 35.0mm
Fixture thickness: 5.0mm

- ✓ Time saving application due to pre-assembled nature of anchor
- ✓ Quick and easy through-fix item
- ✓ High retaining power
- ✓ Automatic expansion
- ✓ Non-removable

Code	Size	Drill Diameter	Min Drill Depth	Box	Carton
AMN640	6.0 x 40.0mm	6.0mm	35.0mm	100	1,000

Must NOT be used for structural fixings or fire-resistant fixings

Fine Thread Drywall Screws (Zinc)

RoHS 2002/95/EC | CERTIFIED ISO 9001 | EUROPA CE EN 14566

2008 = 01DW-01/14

✓ Zinc Coating

Designed For:	Fixing plasterboard to metal stud up to 1.0mm
Head style:	Bugle
Drive bit:	Phillips 2
Drill point:	Super sharp point
Thread form:	Twin thread, fine
Coating:	Electro plated zinc
Shank material:	Carbon steel
Material grade:	AISI C1022

THESE PRODUCTS ARE FIRE TESTED TO EN-1364-1

- ✓ Designed to drill through 1mm of steel in 0.5 seconds
- ✓ Bugle head design for application versatility gives a flush countersink with no paper tearing
- ✓ Thread configuration ensures clean, smooth, low torque installation for maximum holding power
- ✓ Manufactured from C1022 grade steel (premium quality) with bright zinc plating
- ✓ Super sharp point dimples steel at point of contact providing wobble-free and therefore quicker installation
- ✓ Deep Phillips recess reduces dropped or misaligned screws, providing fast and efficient fastening
- ✓ 'Stick fit' gives push fit on to drywall screwdriver bit

Premium screwdriver insert bit provided in plastic bag at top of every box.

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Fine Thread Drywall Screws (Zinc)

RoHS 2002/95/EC

CERTIFIED ISO 9001

EUROPA CE EN 14566

2008 = 01DW-01/14

Code	Size	Max Board Thickness	Box	Carton
DWSZ25	3.5 x 25.0 mm	15 mm	1,000	10,000
DWSZ32	3.5 x 32.0 mm	22 mm	1,000	10,000
DWSZ38	3.5 x 38.0 mm	28 mm	1,000	10,000
DWSZ42	3.5 x 42.0 mm	32 mm	1,000	10,000
DWSZ50	3.5 x 50.0 mm	40 mm	1,000	10,000
DWSZ65	4.2 x 65.0 mm	55 mm	500	5,000
DWSZ75	4.2 x 75.0 mm	65 mm	500	5,000
DWSZ90	4.2 x 90.0 mm	80 mm	500	3,000
DWSZ100	4.2 x 100.0 mm	90 mm	500	3,000
DWSZ125	4.8 x 125.0 mm	115 mm	250	2,500
DWSZ150	4.8 x 150.0 mm	140 mm	200	2,000

Fine Thread Drywall Screw (Black Phosphate)

RoHS 2002/95/EC

CERTIFIED ISO 9001

EUROPA CE EN 14566

2008 = 01DW-01/14

✓ Black Phosphate Coating

Designed For:	Fixing plasterboard to metal stud up to 1.0mm
Head style:	Bugle
Drive bit:	Phillips 2
Drill point:	Super sharp point
Thread form:	Twin thread, fine
Coating:	Black phosphate
Shank material:	Carbon steel
Material grade:	AISI C1018

- ✓ Manufactured from C1018 grade steel (premium quality) with 48 hour salt spray tested black phosphate coating
- ✓ Bugle head design for application versatility gives a flush countersink with no paper tearing
- ✓ Thread configuration ensures clean, smooth, low torque installation for maximum holding power
- ✓ Super sharp point dimples steel at point of contact providing wobble-free and therefore quicker installation
- ✓ Deep Phillips recess reduces dropped or misaligned screws, providing fast and efficient fastening

Premium screwdriver insert bit provided in plastic bag at top of every box.

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Fine Thread Drywall Screw (Black Phosphate)

RoHS 2002/95/EC

CERTIFIED ISO 9001

EUROPA CE EN 14566

2008 = 01DW-01/14

Code	Size	Box	Carton
DWSP25	3.5 x 25.0 mm	1,000	10,000
DWSP32	3.5 x 32.0 mm	1,000	10,000
DWSP35	3.5 x 35.0 mm	1,000	10,000
DWSP38	3.5 x 38.0 mm	1,000	10,000
DWSP42	3.5 x 42.0 mm	1,000	10,000
DWSP45	3.5 x 45.0 mm	1,000	6,000
DWSP50	3.5 x 50.0 mm	1,000	10,000
DWSP55	3.5 x 55.0 mm	1,000	5,000
DWSP65	4.2 x 65.0 mm	500	5,000
DWSP75	4.2 x 75.0 mm	500	5,000
DWSP100	4.2 x 100.0 mm	500	3,000
DWSP3935	3.9 x 35.0 mm	1,000	10,000
DWSP3945	3.9 x 45.0 mm	1,000	6,000
DWSP3955	3.9 x 55.0 mm	1,000	5,000
DWSP4270	4.2 x 70.0 mm	500	5,000

IMPORTANT APPLICATION ADVICE

On rare occasions black phosphate screw coatings can react with some render types, which can damage the coating resulting in corrosion and staining. To reduce the risk of this happening Evolution recommends sealing the drywall screw heads with a PVA bonding solution before render is applied.

Bugle Head Self-Drill Drywall Screws

RoHS 2002/95/EC

CERTIFIED ISO 9001

EUROPA CE EN 14566

2008 = 01DW-01/14

✓ Zinc Coating
✓ Black Phosphate

Designed For:	Fixing plasterboard to heavier gauge metal section (up to 2.5mm)
Head style:	Bugle
Drive bit:	Phillips 2
Drill point:	Self drill point
Thread form:	Twin
Coating:	Electro plated zinc or Black Phosphate
Shank material:	Carbon steel
Material grade:	AISI C1022

THESE PRODUCTS ARE FIRE TESTED TO EN-1364-1

- ✓ Bugle head design for application versatility gives a flush countersink with no paper tearing
- ✓ Thread configuration ensures clean, smooth, low torque installation; fully formed for maximum holding power
- ✓ Steel C1022 with electroplated zinc to 5µm
- ✓ Self-drill point recommended for use on metal section up to 2.5mm, giving fast and consistent drilling times
- ✓ Deep Phillips recess reduces dropped or misaligned screws, providing fast and efficient fastening
- ✓ 'Stick fit' gives push fit on to drywall screwdriver bit

Premium screwdriver insert bit provided in plastic bag at top of every box.

Tel: 01922 612211 Fax: 01922 636723

Bugle Head Self-Drill Drywall Screws

RoHS 2002/95/EC

CERTIFIED ISO 9001

EUROPA CE EN 14566

2008 = 01DW-01/14

Code	Size	Max Board Thickness	Box	Carton	Coating
DWSDZ25	3.5 x 25.0 mm	12 mm	1,000	8,000	Zinc
DWSDZ32	3.5 x 32.0 mm	15 mm	1,000	10,000	Zinc
DWSDZ38	3.5 x 38.0 mm	20 mm	1,000	10,000	Zinc
DWSDZ42	3.5 x 42.0 mm	25 mm	1,000	10,000	Zinc
DWSDZ50	3.5 x 50.0 mm	35 mm	1,000	10,000	Zinc
DWSDZ65	4.2 x 65.0 mm	50 mm	500	5,000	Zinc
DWSDZ75	4.2 x 75.0 mm	60 mm	500	5,000	Zinc
DWSDZ90	4.2 x 90.0 mm	75 mm	500	5,000	Zinc
DWSDZ100	4.8 x 100.0 mm	85 mm	500	3,000	Zinc
DWSDZ125	4.8 x 125.0 mm	110 mm	250	2,500	Zinc

DWSDP3525	3.5 x 25.0 mm	12 mm	1,000	10,000	**Black Phosphate**
DWSDP3535	3.5 x 35.0 mm	15 mm	1,000	10,000	**Black Phosphate**
DWSDP3545	3.5 x 45.0 mm	25 mm	1,000	10,000	**Black Phosphate**
DWSDP3555	3.5 x 55.0 mm	35 mm	1,000	5,000	**Black Phosphate**

IMPORTANT APPLICATION ADVICE

On rare occasions black phosphate screw coatings can react with some render types, which can damage the coating resulting in corrosion and staining. To reduce the risk of this happening Evolution recommends sealing the drywall screw heads with a PVA bonding solution before render is applied.

Wafer & Pan Head Self-Drill Drywall Screws

EUROPA CE EN 14566
2008 = 01DW-01/14

RoHS 2002/95/EC

CERTIFIED LR ISO 9001

✓ Wafer Head

✓ Pan Head

Designed For:	The assembly of drywall track and ceiling track systems
Drive bit:	Phillips 2
Thread form:	Single
Coating:	Electroplated zinc
Shank material:	Carbon steel
Material grade:	AISI C1022

- ✓ Deep, stick-fit, Phillips recess, reduces dropped or misaligned screws, providing fast, efficient fastening
- ✓ Thread configuration ensures clean, smooth, low torque installation; fully formed for maximum holding power
- ✓ Superior corrosion protection to ensure long term fastener integrity. Electroplated zinc
- ✓ Case hardened carbon steel
- ✓ Super hard and sharp drill tips ensure fast drill times

THESE PRODUCTS ARE FIRE TESTED TO EN-1364-1

Premium screwdriver insert bit provided in plastic bag at top of every box.

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Wafer & Pan Head Self-Drill Drywall Screws

RoHS 2002/95/EC

CERTIFIED ISO 9001

EUROPA CE EN 14566

2008 = 01DW-01/14

Code	Size	Wafer Head	Pan Head	Box	Carton
WHDZ13*	4.2 x 13.0mm	✓		1,000	10,000
WHSDZ12	4.2 x 12.0mm	✓		1,000	10,000
WHSDZ19	4.2 x 19.0mm	✓		1,000	10,000
WHSDZ25	4.2 x 25.0mm	✓		1,000	10,000
WHSDZ50	4.2 x 50.0mm	✓		500	5,000
WHDP13	4.2 x 13.0mm	✓		1,000	10,000
WHSDP12	4.2 x 12.0mm	✓		1,000	10,000
PHDZ12*	3.9 x 12mm		✓	1,000	10,000
PHSDZ12	3.9 x 12mm		✓	1,000	10,000

* Sharp Point

Coarse Thread Drywall Screw (Black Phosphate)

RoHS 2002/95/EC

CERTIFIED ISO 9001

EUROPA CE EN 14566

2008 = 01DW-01/14

✓ Black Phosphate Coating

Designed For:	Fixing plasterboard to timber
Head style:	Bugle
Drive bit:	Phillips 2
Drill point:	Super sharp point
Thread form:	Single
Coating:	Black phosphate
Shank material:	Carbon steel
Material grade:	AISI C1022

- ✓ Bugle head design for application versatility gives a flush countersink with no paper tearing
- ✓ Coarse thread screws have nine threads per inch to give greater ‘grab’ in timber, as opposed to standard drywall screws which have seventeen threads per inch
- ✓ Thread configuration ensures rapid advancement when fixing to timber
- ✓ Deeper thread diameter of 3.65 - 3.85mm to give greater hold in timber
- ✓ C1018 steel with 48 hour salt spray tested black phosphate coating
- ✓ Deep Phillips recess reduces dropped or misaligned screws, providing fast and efficient fastening
- ✓ ‘Stick fit’ gives push fit on to drywall screwdriver bit, which reduces dropped or misaligned screws meaning less wastage

Premium screwdriver insert bit provided in plastic bag at top of every box.

Tel: 01922 612211 Fax: 01922 636723

Coarse Thread Drywall Screw (Black Phosphate)

EUROPA
CE
EN 14566
2008 = 01DW-01/14

Code	Size	Max Board Thickness	Box	Carton
DWSC25	3.5 x 25.0mm	0 - 9mm	1,000	10,000
DWSC32	3.5 x 32.0mm	0 - 12.5mm	1,000	10,000
DWSC35	3.5 x 35.0mm	0 - 15mm	1,000	10,000
DWSC38	3.5 x 38.0mm	0 - 15mm	1,000	10,000
DWSC42	3.5 x 42.0mm	0 - 18mm	1,000	10,000
DWSC50	3.5 x 50.0mm	0 - 25mm	1,000	10,000
DWSC65	4.2 x 65.0mm	0 - 40mm	500	5,000
DWSC75	4.2 x 75.0mm	0 - 50mm	500	5,000
DWSC90	4.8 x 90.0mm	40 - 65mm	500	3,000
DWSC100	4.8 x 100.0mm	50 - 75mm	500	3,000
DWSC110	4.8 x 110.0mm	65 - 85mm	200	2,000
DWSC120	4.8 x 120.0 mm	75 - 95mm	200	2,000
DWSC130	4.8 x 130.0 mm	85 – 105mm	200	2,000
DWSC150	4.8 x 150.0 mm	95 - 125mm	200	2,000
DWSC170	4.8 x 170.0 mm	115 – 145mm	200	1,600
DWSC3925	3.9 x 25 mm	0 - 9mm	1,000	10,000
DWSC3935	3.9 x 35 mm	0 - 15mm	1,000	10,000
DWSC3945	3.9 x 45 mm	0 - 20mm	1,000	6,000
DWSC3955	3.9 x 55 mm	0 - 30mm	1,000	5,000

IMPORTANT APPLICATION ADVICE

On rare occasions black phosphate screw coatings can react with some render types, which can damage the coating resulting in corrosion and staining. To reduce the risk of this happening Evolution recommends sealing the drywall screw heads with a PVA bonding solution before render is applied.

Cementitious Board Screws

RoHS 2002/95/EC

CERTIFIED ISO 9001

EUROPA CE EN 14566

2008 = 01DW-01/14

✓ Evoshield Coating

Designed For:	Fixing cementitious and other dense boards to timber and metal substrates
Head style:	Double countersunk with nibs
Recess type:	Phillips No. 2
Thread type:	Patent (pending) Evolution Universal Thread
Material:	Carbon steel C1022
Coating:	1,000Hr EvoShield®

- ✓ Countersunk nibs will act to lessen reaction stresses in the substrate material
- ✓ Countersunk nibs ensure flush finish even in very dense board environments
- ✓ High grade, medium carbon steel (C1022)
- ✓ Super strong neck eliminates head snap
- ✓ Spoon point and hi-lo threadform give rapid advancement
- ✓ Self-drilling, hi-lo thread for use in track from 0.8 to 2.5mm

Benefits of Evoshield®

evoshield

- ✓ This screw coating has a 1,000Hr EvoShield® salt spray rating
- ✓ Superior corrosion resistance. Excellent against gas, weathering and other corrosive factors
- ✓ Resistant to acid and alkaline attack, galvanic corrosion and hydrogen embrittlement.
- ✓ Exceptionally hard, resistance against scratches. Composite layers minimise the effect of scratches on the protection coating
- ✓ Electrolytic corrosion resistance. Less contact corrosion with other metals
- ✓ Paintable

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Cementitious Board Screws

RoHS 2002/95/EC

CERTIFIED ISO 9001

EUROPA CE EN 14566

2008 = 01DW-01/14

Code	Size	Evoshield Coating	Box	Carton
WHX32	4.2 x 32 mm	✓	200	6,400
WHX42	4.2 x 42 mm	✓	200	4,800
WHX60	4.2 x 60 mm	✓	200	4,800
WHX80	4.2 x 80 mm	✓	200	3,200
WHX100	4.2 x 100 mm	✓	200	3,200
WHL08114	4.2 x 32 mm	✓	200	4,800
WHL08158	4.2 x 42 mm	✓	200	4,800

evoshield

Self-drilling Cementitious Board Screw

Designed For:	Fixing cementitious and other dense boards to timber and metal substrates
Head style:	Double countersunk with nibs
Recess type:	Phillips No. 2
Thread type:	Patent (pending) Evolution Universal Thread
Material:	A2 / Carbon Steel

- ✓ Countersunk nibs will act to lessen reaction stresses in the substrate material
- ✓ Countersunk nibs ensure flush finish even in very dense board environments
- ✓ High grade, medium carbon steel (C1022)
- ✓ Super strong neck eliminates head snap
- ✓ Spoon point and hi-lo threadform give rapid advancement
- ✓ Self-drilling, hi-lo thread for use in track from 0.8 to 2.5mm

Tel: 01922 612211 Fax: 01922 636723

Stainless Cementitious Board Screw

Code	Size	Box	Carton	Bi-metal
BMDW4832	4.8 x 32 mm	200	4,800	✓
BMDW4842	4.8 x 42 mm	200	4,800	✓
BMDW4850	4.8 x 50 mm	200	4,800	✓
BMDW4870	4.8 x 70 mm	200	4,800	✓

Ceramic Coated Cementitious Board Screw

RoHS 2002/95/EC

CERTIFIED ISO 9001

EUROPA CE EN 14566

2008 = 01DW-01/14

✓ Evoshield Coating

Designed For:	Fixing cementitious and other dense boards to timber and metal substrates
Head style:	Double countersunk with nibs
Recess type:	Phillips No. 2
Thread type:	Patent (pending) Evolution Universal Thread
Material:	Carbon steel C1022
Coating:	1,000Hr EvoShield®

- ✓ Countersunk nibs will act to lessen reaction stresses in the substrate material
- ✓ Countersunk nibs ensure flush finish even in very dense board environments
- ✓ High grade, medium carbon steel (C1022)
- ✓ Super strong neck eliminates head snap
- ✓ Spoon point and hi-lo threadform give rapid advancement
- ✓ Self-drilling, hi-lo thread for use in track from 0.8 to 2.5mm

Benefits of Evoshield®

evoshield

- ✓ This screw coating has a 1,000Hr EvoShield® salt spray rating
- ✓ Superior corrosion resistance. Excellent against gas, weathering and other corrosive factors
- ✓ Resistant to acid and alkaline attack, galvanic corrosion and hydrogen embrittlement.
- ✓ Exceptionally hard, resistance against scratches. Composite layers minimise the effect of scratches on the protection coating
- ✓ Electrolytic corrosion resistance. Less contact corrosion with other metals
- ✓ Paintable

Tel: 01922 612211 Fax: 01922 636723

Ceramic Coated Self-Drill Drywall Screws

RoHS 2002/95/EC

CERTIFIED ISO 9001

EUROPA CE EN 14566

2008 = 01DW-01/14

Code	Size	Box	Carton	Evoshield
DWSDE32	4.8 x 32 mm	1,000	10,000	✓
DWSDE42	4.8 x 42 mm	500	5,000	✓

evoshield

Tough Board Screws

2008 = 01DW-01/14

✓ Black Phosphate Coating

Designed For:	Fixing dense and hard surfaced boards to both drywall track/timber base materials
Head style:	Countersunk with 4 nibs
Drive bit:	Phillips 2
Coating:	Black phosphate
Shank material:	Carbon steel
Material grade:	SAE C1022 Carbon Steel
Effective thread legth:	Fully threaded
Drill point:	Super sharp point

- ✓ Self-countersinking nibs
- ✓ Reduced width head
- ✓ Suitable for Fermacell

Code	Size	Box	Carton
DWSFCP3919	3.9 x 19.0 mm	1,000	12,000
F35	3.9 x 35.0 mm	1,000	10,000
F45	3.9 x 45.0 mm	1,000	10,000
F55	3.9 x 55.0 mm	1,000	10,000

IMPORTANT APPLICATION ADVICE

On rare occasions black phosphate screw coatings can react with some render types, which can damage the coating resulting in corrosion and staining. To reduce the risk of this happening Evolution recommends sealing the drywall screw heads with a PVA bonding solution before render is applied.

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Under Cutting Drywall

✓ Black phosphate

Designed For:	Fixing plasterboards with thick paper fascia to metal studs (0.5mm to 1.0mm) or timber
Head style:	Bugle w/ undercutting ring
Drive bit:	Phillips No. 2
Drill point:	Sharp
Thread form:	Fine (twin starting)
Coating:	>5µm manganese phosphate
Material and grade:	SAE C1022 carbon steel (hardened min. 55HRC)
Effective thread length:	Fully threaded

- ✓ Double pre-sorted screws ensure 100% usability and no wasted screws,
- ✓ Bugle head with undercutting ring for application versatility gives a flush countersink finish with no paper tearing or burring,
- ✓ Thread configuration ensures clean, smooth, low torque installation for maximum holding power,
- ✓ Super sharp point dimples steel at point of contact; providing wobble-free and quicker installation.

Code	Size	Box	Carton
EVUCD35	3.9 x 35.0 mm	1,000	10,000
EVUCD45	3.9 x 45.0 mm	500	7,500

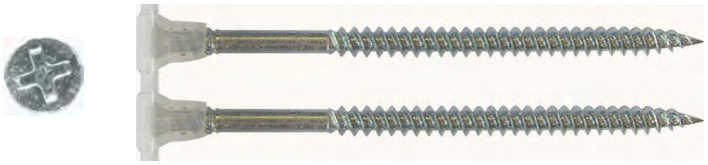
Fine Thread Collated Drywall Screws (Zinc)

RoHS 2002/95/EC

CERTIFIED ISO 9001

EUROPA CE EN 14566

2008 = 01DW-01/14



✓ Zinc Coating

Designed for:	Fixing plasterboard to metal studs of 0.5mm - 0.9mm
Head style:	Bugle
Drive bit:	Phillips 2
Drill point:	Sharp
Thread form:	Twin
Coating:	Electroplated zinc
Shank material:	Carbon steel
Material grade:	AISI C1022
Effective thread length:	Fully threaded

- ✓ Double pre-sorted screws ensure 100% usability and no wasted screws
- ✓ Bugle head design for application versatility gives a flush countersink with no paper tearing
- ✓ Thread configuration ensures clean, smooth, low torque installation for maximum holding power
- ✓ Manufactured from C1022 grade steel (premium quality) with bright zinc plating to 5µm
- ✓ Super sharp point dimples steel at point of contact providing wobble-free and therefore quicker installation.

THESE PRODUCTS ARE FIRE TESTED TO EN-1364-1

Tel: 01922 612211 Fax: 01922 636723

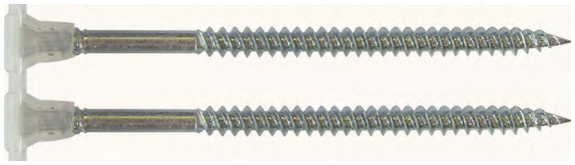
Fine Thread Collated Drywall Screws (Zinc)

RoHS 2002/95/EC

CERTIFIED ISO 9001

EUROPA CE EN 14566

2008 = 01DW-01/14



Code	Size	Max Board Thickness	Box	Carton
CDWFZ25	3.5 x 25 mm	15 mm	1,000	10,000
CDWFZ32	3.5 x 32 mm	22 mm	1,000	10,000
CDWFZ35	3.5 x 35 mm	25 mm	1,000	10,000
CDWFZ38	3.5 x 38 mm	28 mm	1,000	10,000
CDWFZ42	3.5 x 42 mm	32 mm	1,000	10,000
CDWFZ45	3.5 x 45 mm	35 mm	1,000	10,000
CDWFZ50	3.5 x 50 mm	40 mm	1,000	10,000
CDWFZ55	3.5 x 55 mm	45 mm	1,000	10,000
CDWFZ75	4.2 x 75 mm	65 mm	500	5,000

Fine Thread Collated Drywall Screws (Black Phosphate)

RoHS 2002/95/EC

CERTIFIED ISO 9001

EUROPA CE EN 14566

2008 = 01DW-01/14

✓ Black Phosphate Coating

Designed for:	Fixing plasterboard to metal studs of 0.5mm - 0.9mm
Head style:	Bugle
Drive bit:	Phillips 2
Drill point:	Sharp
Thread form:	Twin
Coating:	Black Phosphate
Shank material:	Carbon steel
Material grade:	AISI C1022
Effective thread length:	Fully threaded

- ✓ Double pre-sorted screws ensure 100% usability and no wasted screws
- ✓ Bugle head design for application versatility gives a flush countersink with no paper tearing
- ✓ Thread configuration ensures clean, smooth, low torque installation for maximum holding power
- ✓ Manufactured from C1022 grade steel (premium quality)
- ✓ Super sharp point dimples steel at point of contact providing wobble-free and therefore quicker installation.

THESE PRODUCTS ARE FIRE TESTED TO EN-1364-1

Tel: 01922 612211 Fax: 01922 636723

Fine Thread Collated Drywall Screws (Black Phosphate)

RoHS 2002/95/EC

CERTIFIED ISO 9001

EUROPA CE EN 14566

2008 = 01DW-01/14

Code	Size	Box	Carton
CDWFP25	3.5 x 25 mm	1,000	10,000
CDWFP32	3.5 x 32 mm	1,000	10,000
CDWFP35	3.5 x 35 mm	1,000	10,000
CDWFP42	3.5 x 42 mm	1,000	10,000
CDWFP45	3.5 x 45 mm	1,000	10,000
CDWFP50	3.5 x 50 mm	1,000	10,000
CDWFP55	3.5 x 55 mm	1,000	10,000
CDWFP3955	3.9 x 55 mm	1,000	10,000

IMPORTANT APPLICATION ADVICE

On rare occasions black phosphate screw coatings can react with some render types, which can damage the coating resulting in corrosion and staining. To reduce the risk of this happening Evolution recommends sealing the drywall screw heads with a PVA bonding solution before render is applied.

Coarse Thread Collated Drywall Screws (Black Phosphate)

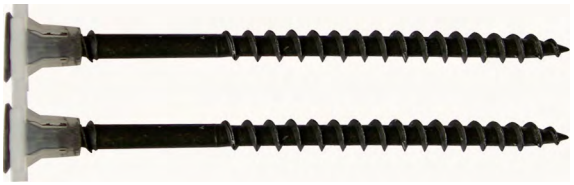
RoHS 2002/95/EC

CERTIFIED ISO 9001

EUROPA CE EN 14566

2008 = 01DW-01/14

✓ Black Phosphate Coating



Designed for:	Fixing plasterboard to timber
Head style:	Bugle
Drive bit:	Phillips 2
Drill point:	Sharp
Thread form:	Single
Coating:	Black phosphate
Shank material:	Carbon steel
Material grade:	AISI C1022

- ✓ Bugle head design for application versatility gives a flush countersink with no paper tearing
- ✓ Double pre-sorted screws ensure 100% usability and no wasted screws
- ✓ Coarse thread screws have nine threads per inch to give greater ‘grab’ in timber, as opposed to standard drywall screws which have seventeen threads per inch
- ✓ C1018/22 steel with 48 hour salt spray tested black phosphate coating
- ✓ Deeper thread diameter of 3.65 - 3.85mm to give greater hold in timber
- ✓ Super sharp ‘S’ point provides wobble free and therefore quicker installation

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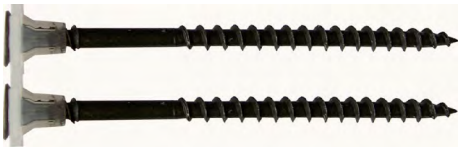
Coarse Thread Collated Drywall Screws (Black Phosphate)

RoHS 2002/95/EC

CERTIFIED ISO 9001

EUROPA CE EN 14566

2008 = 01DW-01/14



Code	Size	Box	Carton
CDWCP25	3.5 x 25 mm	1,000	10,000
CDWCP32	3.5 x 32 mm	1,000	10,000
CDWCP35	3.5 x 35 mm	1,000	10,000
CDWCP38	3.5 x 38 mm	1,000	10,000
CDWCP42	3.5 x 42 mm	1,000	10,000
CDWCP45	3.5 x 45 mm	1,000	10,000
CDWCP50	3.5 x 50 mm	1,000	10,000
CDWCP55	3.5 x 55 mm	1,000	10,000
CDWCP65	4.2 x 65 mm	500	5,000
CDWCP75	4.2 x 75 mm	500	5,000
CDWCP3935	3.9 x 35 mm	1,000	10,000

IMPORTANT APPLICATION ADVICE

On rare occasions black phosphate screw coatings can react with some render types, which can damage the coating resulting in corrosion and staining. To reduce the risk of this happening Evolution recommends sealing the drywall screw heads with a PVA bonding solution before render is applied.

Self-Drill Collated Drywall Screws

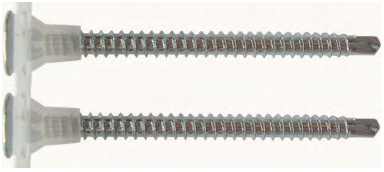
RoHS 2002/95/EC

CERTIFIED ISO 9001

EUROPA CE EN 14566

2008 = 01DW-01/14

✓ Zinc Coating
✓ Black Phosphate



Designed for:	Fixing plasterboard to heavier gauge drywall track (up to 2.5mm)
Head style:	Bugle
Drive bit:	Phillips 2
Drill point:	Tek 2
Thread form:	Single thread, fine
Coating:	Electroplated zinc / Black Phospate
Shank material:	Carbon steel
Material grade:	AISI C1022
Fire tested:	Yes, to EN1364-1
Effective thread length:	Fully threaded

- ✓ Bugle head design for application versatility gives a flush countersink with no paper tearing
- ✓ Double pre-sorted screws ensure 100% usability and no wasted screws
- ✓ Thread configuration ensures clean, smooth, low torque installation for maximum holding power
- ✓ Manufactured from C1022 or C1018 grade steel (premium quality) with bright zinc plating to 3µm
- ✓ #2 drill point recommended for use on metal section up to 2.5mm. Faster and more consistent drilling times

THESE PRODUCTS ARE FIRE TESTED TO EN-1364-1

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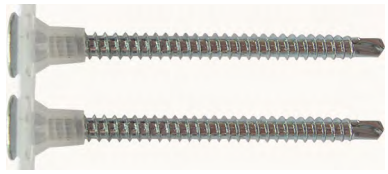
Self-Drill Collated Drywall Screws

RoHS 2002/95/EC

CERTIFIED ISO 9001

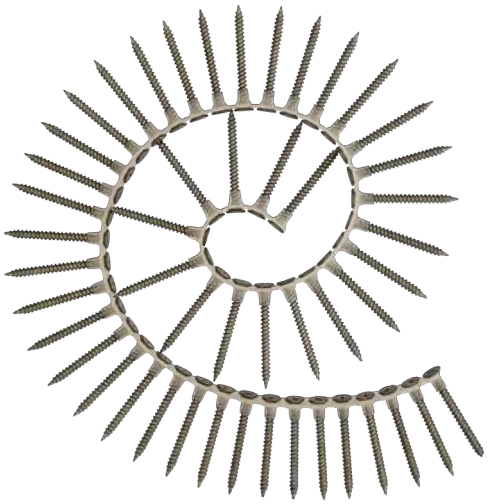
EUROPA CE EN 14566

2008 = 01DW-01/14



Code	Size	Max Board Thickness	Box	Carton	Coating
CDWFDZ25	3.5 x 25.0mm	15 mm	1,000	10,000	Zinc
CDWFDZ35	3.5 x 35.0mm	20 mm	1,000	10,000	Zinc
CDWFDZ45	3.5 x 45.0mm	30 mm	1,000	10,000	Zinc
CDWFDZ50	3.5 x 50.0mm	35 mm	1,000	10,000	Zinc
CDWSDP3525	3.5 x 25.0mm	15 mm	1,000	10,000	Black Phosphate
CDWSDP3535	3.5 x 35.0mm	20 mm	1,000	10,000	Black Phosphate
CDWSDP3545	3.5 x 45.0mm	30 mm	1,000	10,000	Black Phosphate

Collated Exterior Board Screws



Designed For:	Collated exterior drywall screws designed for exterior use
Head style:	Bugle
Point style:	Sharp
Thread form:	Fine thread
Coating:	1,000 hour Evolshield
Material grade:	SAE C1022 low carbon steel (hardened min. 55 HRC)

- ✓ Labour saving
- ✓ Quickest way to fasten exterior boards
- ✓ 1,000hr Evoshield® coating guarantees superior corrosion resistance
- ✓ Super consistent fastening

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Collated Exterior Board Screws

evoshield

Code	Size	Point	Box	Carton
CWAS45	3.9 x 45.0mm	Sharp	1,000	10,000
CWASD45	3.9 x 45.0mm	Self-drilling	1,000	10,000

Collated Tough Board Screws

RoHS 2002/95/EC

CERTIFIED ISO 9001

EUROPA CE EN 14566 2008 & A1: 2009

✓ Black Phosphate Coating

Designed for:	Fixing dense and hard boards to track or timber substrates
Head style:	Reduced cross section countersunk head with undercut nibs
Drive bit:	Phillips No. 2
Thread form:	Twin hi-lo thread
Fastener material:	Hardened carbon steel (AISI C1022)
Coating information:	Black phosphate (approx 48 hours NSST)

- ✓ Evolution collated Tough Board Screws are designed for use in an interior setting and in a dry environment. They are intended for fixing sheet materials harder than plasterboard, ie dense plasterboards and also to fix wood fibre boards to timber battens and steel up to 0.8mm thick
- ✓ 19mm version ideal for fitting ply to flooring before tiling
- ✓ As per all collated screws, Evolution High Low Thread provides superior pull down performance in timber and light track applications. Self countersinking reduced width head, PH2 recess to enable use with standard drywall tooling

Code	Size	Box	Carton
CDWFCP3919	3.9 x 19.0 mm	1,000	10,000
CDWFCP3930	3.9 x 30.0 mm	1,000	10,000
CDWFCP3945	3.9 x 45.0 mm	1,000	10,000

IMPORTANT APPLICATION ADVICE

On rare occasions black phosphate screw coatings can react with some render types, which can damage the coating resulting in corrosion and staining. To reduce the risk of this happening Evolution recommends sealing the drywall screw heads with a PVA bonding solution before render is applied.

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Collated Flooring Screws

EUROPA CE EN 14566 2008 & A1: 2009

RoHS 2002/95/EC

CERTIFIED LR ISO 9001

✓ Yellow passivated

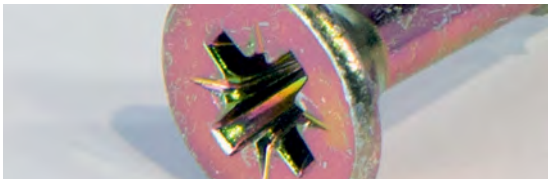
Designed for: Fixing flooring materials to timber.
Drive bit: Square
Fastener material: Hardened carbon steel (AISI C1022)
Coating information: Yellow passivated

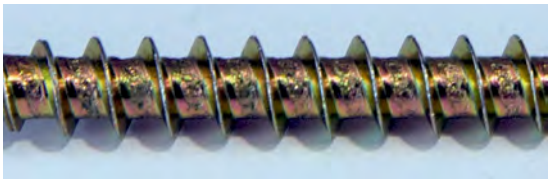
- ✓ Evolution collation consistency eliminates jamming.
- ✓ Evolution 'split' threadform design prevents 'jacking' of the material being fixed down.
- ✓ Self-countersinking nibs under the head of the screw ensure a flush finish in all materials.
- ✓ Square drive ensures positive driving and reduces bit wear.
- ✓ Super strong packaging designed for easy stock taking, less damage and wastage on site.

Code	Size	Box	Carton
CFSCYS55	4.2 x 55.0 mm	1,000	10,000
CFSCYS63	4.2 x 63.0 mm	1,000	10,000

WoodMaster® Pozi Drive Super Cutter Screws

FOR UNIVERSAL USE WHEN FASTENING TO WOOD, CHIPBOARD, MDF, PLASTIC, OSB AND COMPOSITES





Double countersunk head:

- Improves neck strength reducing head shearing in high torque applications

Countersinking nibs:

- Enables smooth self-countersinking in both timber and sheet material applications
- The nibs cut the wood surface, trimming from the edge of the drilled hole
- The screw is driven home flush to the wood surface every time

Reamer shank:

- This helically fluted milling thread clears drilling debris and reduces driving torque

High quality aggressive threadform:

- Improves penetration and reduces driving torque

Deep precision formed pozi recess:

- Allows greater torque to be applied and decreases the likelihood of “camming out”

Type 17 cutting point:

- Aids penetration and eliminates the need to pre-drill in almost all timbers and composites.
- Special long sharp point fluted to capture chips
- Eliminates splitting even when close to the edge of the timber
- No pre-drilling required in most hard woods*
- Screw point takes immediate hold

Also available in torx drive versions for extra drive stability

RoHS 2002/95/EC

CERTIFIED ISO 9001

CE These Evolution Screws are CE marked and comply with EN 14592: 2009 & A1: 2012.

*Particularly dense woods may need pilot hole.

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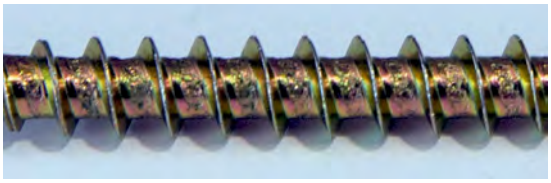
WOODMASTER® RANGE

Code	Size	Box	Carton	Milling Thread
WS3516	3.5 x 16mm	200	15,200	
WS3520	3.5 x 20mm	200	15,200	
WS3525	3.5 x 25mm	200	15,200	
WS3530	3.5 x 30mm	200	15,200	
WS3535	3.5 x 35mm	200	9,600	
WS3540	3.5 x 40mm	200	6,400	
WS3550	3.5 x 50mm	200	6,400	
WS4020	4.0 x 20mm	200	6,400	
WS4025	4.0 x 25mm	200	15,200	
WS4030	4.0 x 30mm	200	9,600	
WS4035	4.0 x 35mm	200	4,800	
WS4040	4.0 x 40mm	200	6,400	
WS4045	4.0 x 45mm	200	6,400	
WS4050	4.0 x 50mm	200	6,400	
WS4060	4.0 x 60mm	200	4,800	✓
WS4070	4.0 x 70mm	200	4,800	✓
WS4080	4.0 x 80mm	200	6,400	✓
WS5030	5.0 x 30mm	200	6,400	
WS5040	5.0 x 40mm	200	4,800	
WS5050	5.0 x 50mm	200	4,800	
WS5060	5.0 x 60mm	200	3,200	✓
WS5070	5.0 x 70mm	200	3,200	✓
WS5075	5.0 x 75mm	200	3,200	✓
WS5080	5.0 x 80mm	200	3,200	✓
WS5090	5.0 x 90mm	200	3,200	✓
WS50100	5.0 x 100mm	100	2,400	✓
WS6050	6.0 x 50mm	200	3,200	
WS6060	6.0 x 60mm	200	2,400	✓
WS6070	6.0 x 70mm	200	2,400	✓
WS6080	6.0 x 80mm	200	2,400	✓
WS60100	6.0 x 100mm	100	2,400	✓
WS60120	6.0 x 120mm	100	1,600	✓
WS60150	6.0 x 150mm	100	1,200	✓
WS60180	60 x 180mm	100	800	✓
WS60200	60 x 200mm	100	800	✓

WoodMaster® Torx Head Super Cutter Screws

FOR UNIVERSAL USE WHEN FASTENING TO WOOD, CHIPBOARD, MDF, PLASTIC, OSB AND COMPOSITES



Double countersunk head:

- Improves neck strength reducing head shearing in high torque applications

Countersinking nibs:

- Enables smooth self-countersinking in both timber and sheet material applications
- The nibs cut the wood surface, trimming from the edge of the drilled hole
- The screw is driven home flush to the wood surface every time

Reamer shank:

- The helically fluted milling thread clears drilling debris and reduces driving torque

High quality aggressive threadform:

- Improves penetration and reduces driving torque

Deep precision formed recess:

- Allows greater torque to be applied and decreases the likelihood of “camming out”

Type 17 cutting point:

- Aids penetration and eliminates the need to pre-drill in almost all timbers and composites.
- Special long sharp point fluted to capture chips
- Eliminates splitting even when close to the edge of the timber
- No pre-drilling required in most hard woods*
- Screw point takes immediate hold

RoHS 2002/95/EC

CERTIFIED LR ISO 9001

CE

These Evolution Screws are CE marked and comply with EN 14592: 2009 & A1: 2012.

*Particularly dense woods may need pilot hole.

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WOODMASTER® RANGE

Code	Size	Box	Carton	Milling Thread	Drive Type
WST3516	3.5 x 16mm	200	15,200		T15
WST3520	3.5 x 20mm	200	15,200		T15
WST3525	3.5 x 25mm	200	15,200		T15
WST3530	3.5 x 30mm	200	15,200		T15
WST3535	3.5 x 35mm	200	9,600		T15
WST3540	3.5 x 40mm	200	6,400		T15
WST3550	3.5 x 50mm	200	6,400		T15
WST4020	4.0 x 20mm	200	15,200		T20
WST4025	4.0 x 25mm	200	15,200		T20
WST4030	4.0 x 30mm	200	9,600		T20
WST4035	4.0 x 35mm	200	9,600		T20
WST4040	4.0 x 40mm	200	6,400		T20
WST4050	4.0 x 50mm	200	6,400		T20
WST4060	4.0 x 60mm	200	4,800		T20
WST4070	4.0 x 70mm	200	6,400		T20
WST4550	4.5 x 50mm	200	4,800	✓	T25
WST4560	4.5 x 60mm	200	4,800	✓	T25
WST4570	4.5 x 70mm	200	4,800	✓	T25
WST4580	4.5 x 80mm	200	4,800	✓	T25
WST5030	5.0 x 30mm	200	4,800		T25
WST5040	5.0 x 40mm	200	4,800		T25
WST5050	5.0 x 50mm	200	4,800		T25
WST5060	5.0 x 60mm	200	3,200	✓	T25
WST5070	5.0 x 70mm	200	3,200	✓	T25
WST5075	5.0 x 75mm	200	3,200	✓	T25
WST5080	5.0 x 80mm	200	3,200	✓	T25
WST5090	5.0 x 90mm	200	3,200	✓	T25
WST50100	5.0 x 100mm	100	2,400	✓	T25
WST6050	6.0 x 50mm	200	2,400	✓	T30
WST6080	6.0 x 80mm	200	2,400	✓	T30
WST6090	6.0 x 90mm	200	2,400	✓	T30
WST60100	6.0 x 100mm	100	2,400	✓	T30
WST60120	6.0 x 120mm	100	1,600	✓	T30
WST60150	6.0 x 150mm	100	1,200	✓	T30
WST60200	60 x 200mm	100	800	✓	T30

A4 WoodMaster® Super Cutter Screws

EUROPA
CE
EN 14592

✓ A4 grade Stainless Steel

FOR UNIVERSAL USE WHEN FASTENING TO WOOD, CHIPBOARD, MDF, PLASTIC, OSB AND COMPOSITES

Double countersunk head:

- Improves neck strength reducing head shearing in high torque applications

Countersinking nibs:

- Enables smooth self-countersinking in both timber and sheet material applications
- The nibs cut the wood surface, trimming from the edge of the drilled hole
- The screw is driven home flush to the wood surface every time

Reamer shank:

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- Screw point takes immediate hold

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A4 WoodMaster® Super Cutter Screws

Code	Size	Box	Carton	Milling Thread
A4WS4040	4.0 x 40mm	200	6,400	
A4WS4050	4.0 x 50mm	200	6,400	
A4WS4070	4.0 x 70mm	200	4,800	✓
A4WS5040	5.0 x 40mm	200	4,800	
A4WS5050	5.0 x 50mm	200	4,800	
A4WS5060	5.0 x 60mm	200	3,200	✓
A4WS5070	5.0 x 70mm	200	3,200	✓
A4WS5090	5.0 x 90mm	200	3,200	✓
A4WS50100	5.0 x 100mm	100	2,400	✓
A4WS60100	6.0 x 100mm	100	2,400	✓
A4WS60120	6.0 x 120mm	100	1,600	✓

✓ A4 grade Stainless Steel

WoodMaster® Decking Screws

Evoshield Coating

A4 Bi-metal

DESIGNED FOR FIXING TIMBER DECKING AND FENCING

Flat head, c/w reaming nibs:

- Gives a flush, clean, attractive countersink that locks the screw in tight

Proprietary corrosion-resistant 1,000 hour rated green Evoshield™ coating:

- For all weather outdoor applications, from patios, fencing, decks, walkways etc.
- Resistant to salt, acid, alkali, corrosive gas, cathodic corrosion
- High thermal resistance
- Hydrogen embrittlement resistant

Stainless steel variant:

- For use in aggressively treated timbers or hardwoods with high tannin content

Deep coarse thread configuration:

- Ensures low-torque installation, with exceptional draw down, for maximum holding power

Stick-fit, square socket recess:

- Reduces dropped or misaligned screws, providing fast, efficient fastening

Type 17 cutting point:

- Grabs on contact, provides rapid advancement and means there is no need to pre-drill*
- Delivers power tapping capability in all woods and new generation wood composites

evoshield

CE

These Evolution Screws are CE marked and comply with EN 14592: 2009 & A1: 2012.

*Particularly dense woods may need pilot hole.

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Decking Screws

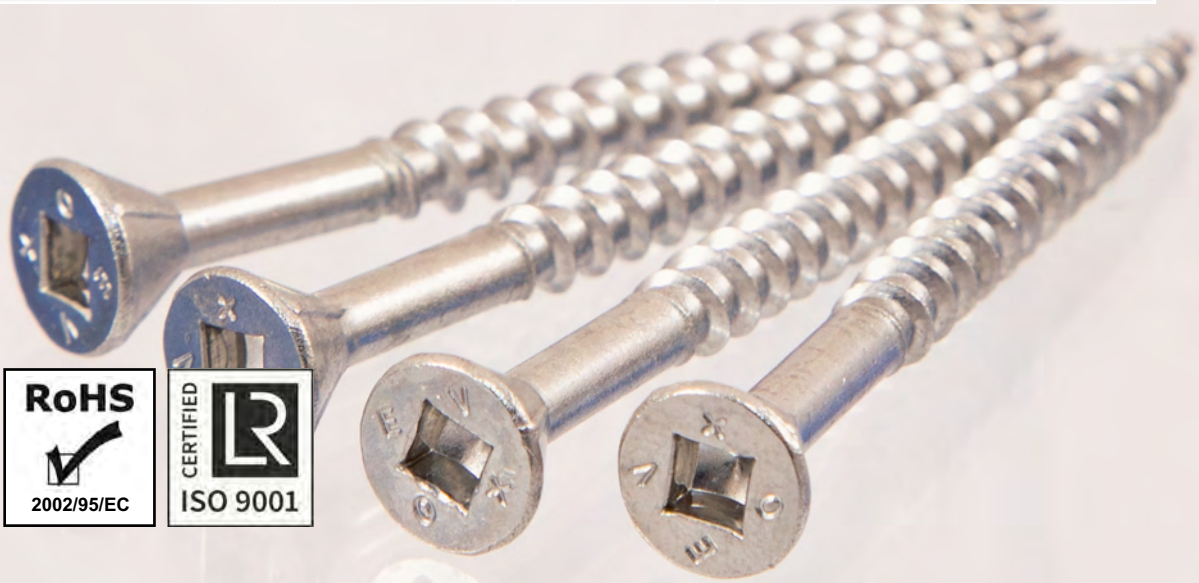
✓ Evoshield Coating

Code	Size	Box	Carton	Drive
DSFHC50	4.2 x 50mm	200	6,000	Square
DSFHC63	4.2 x 63mm	200	6,000	Square
DSFHC75	4.2 x 75mm	200	3,200	Square

Stainless Steel A4 Decking Screws

✓ A4 grade Stainless Steel

Code	Size	Box	Carton	Drive
DS-A4-50	4.2 x 50mm	200	6,000	Square
DS-A4-63	4.2 x 63mm	200	6,000	Square
DS-A4-75	4.2 x 75mm	200	3,200	Square



EUROPA CE EN 145692 2008 & A1: 2009

RoHS 2002/95/EC

CERTIFIED LR ISO 9001

WoodMaster® Structural Decking Screws

1000Hr Salt Spray Rated, ACQ compatible anti-corrosion coating:

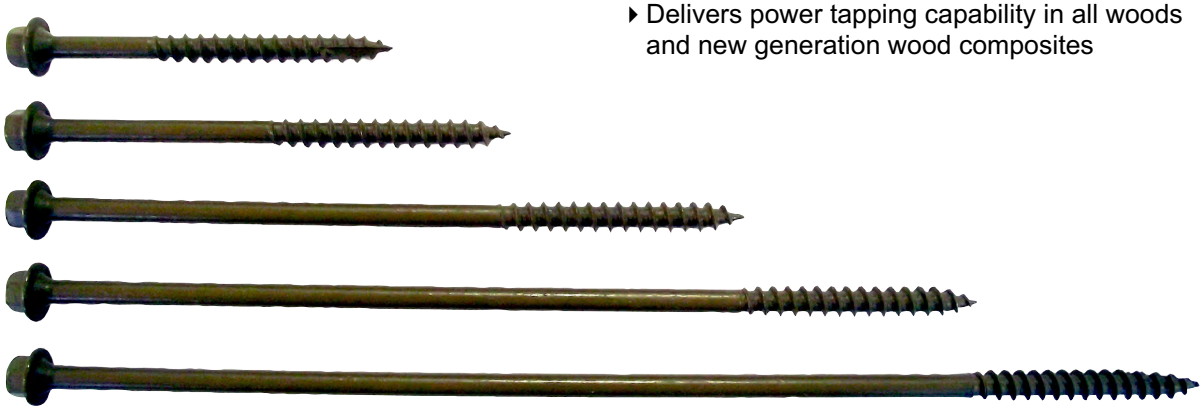
- To stand up to the rigours of UK weathering

Aggressive coarse thread:

- Ensures highest possible withdrawal resistance

Type 17 cutting point:

- Grabs on contact, provides rapid advancement and means there is no need to pre-drill*
- Delivers power tapping capability in all woods and new generation wood composites



These Evolution Screws are CE marked and comply with EN 14592: 2009 & A1: 2012.

*Particularly dense woods may need pilot hole.

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Structural Decking Screws

✓ Evoshield Coating

Code	Size	Box	Carton
SDSFHC75	6.3 x 75mm	100	1,200
SDSFHC90	6.3 x 90mm	100	1,200
SDSFHC100	6.3 x 100mm	100	1,200
SDSFHC125	6.3 x 125mm	100	1,000
SDSFHC150	6.3 x 150mm	100	1,000
SDSFHC200	6.3 x 200mm	50	400
SDSFHC250	6.3 x 250mm	50	900
SDSFHC300	6.3 x 300mm	50	300
SDSFHC350	6.3 x 350mm	50	150
SDSFHC400	6.3 x 400mm	50	150

BigBeam® Yellow Zinc Passivated Woodscrews

EUROPA CE EN 14592 2008 & A1: 2009

RoHS 2002/95/EC

CERTIFIED LR ISO 9001

Designed For:	Fixing structural timber components
Material:	Carbon steel
Material grade:	SAE C1022
Coating:	Yellow Zinc Passivated

- ✓ Overlapping Flange Washer head gives advantage of better tightening of connections and higher supporting forces
- ✓ Type 17 cutting point considerably reduces screw-in torque and mitigates against timber splitting,
- ✓ Partial threading allows for firm tightening of the upper fixture layer
- ✓ Torx recess provides secure grip, reduces cam-out effect and provides optimal force transmission

Tel: 01922 612211 Fax: 01922 636723

BigBeam® Yellow Zinc Passivated Woodscrews

EUROPA CE EN 14592 2008 & A1: 2009

RoHS 2002/95/EC

CERTIFIED LR ISO 9001

Code	Size	Box	Carton
BB880	8.0 x 80mm	100	800
BB890	8.0 x 90mm	50	600
BB8100	8.0 x 100mm	50	600
BB8120	8.0 x 120mm	50	600
BB8140	8.0 x 140mm	50	400
BB8160	8.0 x 160mm	50	400
BB8180	8.0 x 180mm	50	400
BB8200	8.0 x 200mm	50	400
BB8220	8.0 x 220mm	50	400
BB8240	8.0 x 240mm	50	300
BB8260	8.0 x 260mm	50	300
BB8280	8.0 x 280mm	50	300
BB8300	8.0 x 300mm	50	300

✓ T40 bit included with every box

Vertical Flange Clips

Designed For: Fixing lighting or suspended wire to steel profiles, cable to steel purlins or suspended ceilings to steel profiles

Material: Carbon steel

Material Grade: AISI C1022

Coating: Yellow Zinc Passivated

- ✓ Fast, easy installation
- ✓ Series of strong barbs grip the flange
- ✓ Sprung steel
- ✓ High strength
- ✓ Yellow zinc passivated

Code	Size	Box	Carton
VFC43	19 x 43mm	100	1,800

Acoustic Brackets

Designed For: Use with timber joist ceilings, floors and ceiling systems for increased acoustic performance

Colour: Silver Grey

Coating: Electroplated Zinc

- ✓ Tough hangers used with timber joist ceilings/floors and ceiling systems for increased acoustic performance

Code	Size	Box	Carton
EVAB1	70mm	100	200
EVAB35	35mm	100	400

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Rigid Steel Ceiling Cleat

Designed For: For use when hanging angle or components in suspended ceiling applications

Code	Size	Box
CB1	25 x 25mm	100

Washers

Designed For: Use with Evolution tek screws for application versatility

Material: Galvanized steel

- ✓ AISI 316/ Euro A4 Stainless steel washers for use in conjunction with Evolution screws,
- ✓ 5mm diamter clearance hole - accepts up to 6.3mm diameter screws,
- ✓ 3mm EPDM (Ethylene Propylene Diene Monomer) vulcanised rubber sealant ring for weather-proofing.

Code	Size	Material	Box	Carton
BW16	16 x 3mm	Galvanized steel	1,000	12,000
BW19	19 x 3mm	Galvanized steel	1,000	7,000
SS12	12 x 3mm	AISI 316/ Euro A4 Stainless steel	100	4,500
SS16	16 x 3mm	AISI 316/ Euro A4 Stainless steel	100	4,000

Bit Holders

Drive bit: Hex

✓ Magnetic Bit Holder

Code	Size	Box
MB1060	10 x 60mm	1

Drive Kits

✓ Drive Sleeve
✓ "D" end bit holder 6mm
✓ PH2 bit
✓ PH3 bit
✓ Allen Key
✓ Magnetic bit holder
✓ 7mm & 8mm Hex Drive sockets

Code	Box
ED1000	1

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Magnetic Nut Setter

- ✓ Professional nut driver, used to drive 5/16” hexagonal headed screws, bolts and nuts
- ✓ Produced from hard-wearing, high-grade alloy steel, fully hardened and tempered for durability and long-life
- ✓ 65mm long shank fitting
- ✓ Integral magnet to hold fastener in-position and reduce wobble on installation

Code	Size	Box
MS5/16	5/16" x 45mm	1
MES5/16	5/16" x 65mm	1

Non Magnetic 5/16" (8mm) Hex Nut Driver

- ✓ Professional nut drivers, used to drive hexagon-headed nuts, bolts and sheet metal screws
- ✓ Produced from hard-wearing, high-grade alloy steel, fully hardened and tempered for durability and long life
- ✓ 65mm long Shank fitting
- ✓ Spring clip socket holder retains screw/fixing firmly in place for ease of use
- ✓ Used for the driving of non-ferrous fasteners, without attracting swarf and waste from job

Code	Size	Box
SES5/16	5/16" x 45mm	1

Universal Drive Bits

Code	Description	Size	Box
DSP25	Drywall Screw drive bit	25mm	10
DIBDSP	Drywall Screw drive bit bulk pack	25mm	50
DIBPO1	Pozi Drill Insert Bit 1	25mm	100
SQD25	#2 Square Drive	25mm	10
T20	Torx Bit S2	T20 x 25mm	10
T25	Torx Bit S2	T25 x 25mm	10
T30	Torx Bit S2	T30 x 25mm	10
PH2M157*	Philips 2 Extended Drywall Bit	5 x 157mm	5
PH2M177*	Philips 2 Extended Drywall Bit	5 x 177mm	5
R2M141*	No 2 Square Extended Bit	5 x 141mm	5
R2M157*	No 2 Square Extended Bit	5 x 157mm	5
PH2150	PH Drill Insert Bit	150mm	1

* Suitable for use with Makita tooling

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PGM® Certified SDS Plus Drill Bits

Designed for: Rapid drilling of holes in masonry
Drive bit: SDS Plus

Premium quality PGM® approved drill bits:

- ✓ Extended life: typically last 33% longer than our standard SDS Plus
- ✓ Higher performance with faster drill speed
- ✓ Each drill is stamped with the PGM® inspection mark
- ✓ Supplied in individual plastic sleeves for easy display
- ✓ Twin fluted

Code	Size	Box
SDSH55110	5.5 x 110mm	50
SDSH55160	5.5 x 160mm	50
SDSH6110	6.0 x 110mm	50
SDSH6160	6.0 x 160mm	50
SDSH6210	6.0 x 210mm	60
SDSH65160	6.5 x 160mm	50
SDSH8160	8.0 x 160mm	50
SDSH8210	8.0 x 210mm	50
SDSH8260	8.0 x 260mm	50
SDSH10210	10.0 x 210mm	50
SDSH10260	10.0 x 260mm	40
SDSH12260	12.0 x 260mm	40
SDSH16260	16.0 x 260mm	30

SDS Plus Drill Bits

Designed for: Rapid drilling of holes in masonry
Drive bit: SDS Plus

- ✓ A high quality, twin fluted SDS+ carbide drill bit for the rapid drilling of holes in masonry
- ✓ Designed for use with 4.8mm and 6.3mm Ø Masonry Screws*
- ✓ Supplied on individual hangers for easy display
- ✓ Twin fluted

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Code	Size	Working Length	Hex shank drive	Carton
SDS5110	5.0 x 110 mm	100 mm		100
SDS5160	5.0 x 160 mm	100 mm		50
SDS55110	5.5 x 110 mm	50 mm		100
SDS55160	5.5 x 160 mm	100 mm		100
SDS6110	6.0 x 110 mm	50 mm		50
SDS6160	6.0 x 160 mm	100 mm		50
SDS6210	6.0 x 210 mm	150 mm		50
SDS6260	6.0 x 260 mm	200 mm		50
SDS65110	6.5 x 110 mm	50 mm		50
SDS65160	6.5 x 160 mm	100 mm		50
SDS65210	6.5 x 210 mm	150 mm		50
SDS65260	6.5 x 260 mm	200 mm		50
SDS65310	6.5 x 310 mm	250 mm		50
SDS7160	7.0 x 160 mm	100 mm		50
SDS7260	7.0 x 260 mm	200 mm		40
SDS8110	8.0 x 110 mm	50 mm		50
SDS8160	8.0 x 160 mm	100 mm		50
SDS8210	8.0 x 210 mm	150 mm		50
SDS8260	8.0 x 260 mm	200 mm		50
SDS10160	10.0 x 160 mm	100 mm		40
SDS10210	10.0 x 210 mm	150 mm		40
SDS10260	10.0 x 260 mm	200 mm		40
SDS10460	10.0 x 460 mm	400 mm		20
SDS12160	12.0 x 160 mm	100 mm		50
SDS12210	12.0 x 210 mm	150 mm		50
SDS12260	12.0 x 260 mm	200 mm		35
SDS12460	12.0 x 460 mm	400 mm		15
SDS14260	14.0 x 260 mm	200 mm		30
SDS14460	14.0 x 460 mm	400 mm		15
SDS16260	16.0 x 260 mm	200 mm		25
SDS16460	16.0 x 460 mm	400 mm		8
SDS18260	18.0 x 260 mm	200 mm		20
SDS18460	18.0 x 460 mm	400 mm		8
SDS20260	20.0 x 260 mm	200 mm		15
SDS20460	20.0 x 460 mm	40 mm		5
SDS435180*	4.35 x 180 mm	100 mm	✓	50
SDS515180*	5.15 x 180 mm	100 mm	✓	50
SDS515205*	5.15 x 205 mm	125 mm	✓	50
SDS515290*	5.15 x 290 mm	210mm	✓	200
SDS515310*	5.15 x 310 mm	230mm	✓	

Intumescent and Acoustic Acrylic Sealant

Designed for: Joint Filling where Fire protection and acoustic index are an issue.
Fire tested: Yes, up to 4 hours
Colour: White

✓ Evolution intumescent and acoustic sealant is a one part emulsion designed to resist the passage of both fire and sound. In normal use the sealant remains flexible enough to retain the sound reduction index of a structure. In the event of fire it will intumesce and form a char, sealing the gap for up to 4 hours

Code	Size	Acoustic Rating (Double Seal)	Acoustic Rating (Single Seal)	Box
EVIA310	310 ml	up to 48 dB	up to 46 dB	25 tubes
EVIA900	900 ml	up to 48 dB	up to 46 dB	12 tubes

Joint Size	Linear Metres Per Cartridge
6x 10mm	5.2
10 x 10mm	3.1
15 x 15mm	1.4
20 x 15mm	1.0
30 x 15mm	0.7

Properties	
Fire Rating	Up to 4 hours
Acoustic Rating (Double Seal)	Up to 48dB
Acoustic Rating (Single Seal)	Up to 46dB
Movement	Up to 20% of original joint size
Colour	White
Slump	Nil up to 20mm
Overpaintable	When fully cured
Weatherability	Water and UV resistant when fully cured
Drying Time	Tack free in 15 minutes
Cure Time	1.5mm per 24 hours

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Tek Colour Caps

PC8-16

PC8-19

PC8-29

PC8-32

Code	Size	Box	Carton
PC8-16	16mm UV Protected Colour Cap	1,000	10,000
PC8-19	19mm UV Protected Colour Cap	1,000	10,000
PC8-29	29mm UV Protected Colour Cap	1,000	10,000
PC8-32	32mm UV Protected Colour Cap	1,000	10,000

Colour Chart			
Black	Meadowland	Britannia	Moss Green
White	Moorland Green	Cornflower	Prologis Green
Terracotta	Olive Green	Brown Beige	Glen Green
Petra	Juniper Green	White Oyster	Pale Peppermint
Poppy Red	Sage	Ivory	Squirrel
Tangerine	Jade	Flame Red	Slate Grey
Beige	Pinewood	Rubine	Anthracite
Vandyke Brown	Eau de Nil	Burano	Oyster
Bamboo	Verona	Ultra Marine	Dusty Grey
Saffron	Albatross	Sargasso	Quartz
Goosewing Grey	Merlin Grey	Gentian Blue	Pale Brown
Mushroom	Raven/ Slate Blue	Mountain	Hamlet
Svelte Grey	Wedgewood Blue	Bahama/ Sky	White (Creamy)
Honesty	Ocean Blue	Caprice	White Alum
Aztec	Solent Blue	Heritage	Dark Silver
Pure White	Metallic Silver	Bleu Concorde	

NOTE:
COLOUR CHARTS ARE FOR GUIDANCE ONLY. IF UNFAMILIAR WITH THE COLOURS PLEASE CONTACT US.

PLEASE CHECK WITH OUR CUSTOMER SERVICE DEPARTMENT, SOME SPECIALITY COLOURS ARE SUBJECT TO MINIMUM ORDER QUANTITIES.

RoHS 2002/95/EC

CERTIFIED ISO 9001

Evoshield®

What is Evoshield®?

Evoshield® is our trademarked fastener coating. It is a non-organic, tri-layered ceramic surface coating developed to attain optimum performance in the various pollutive and atmospheric conditions that cause corrosion.

Layer 1: metallic zinc
Layer 2: ceramic layer
Layer 3: resin layer

The distinguishing feature of Evoshield® is the tight joining of the baked resin layer and the ceramic layer thanks to the cross-linking effect. These layers are bonded together with the metallic zinc layer through chemical reactions, and this unique method of combining layers results in a rigid and dense combination of the coating films. Evoshield® treatment does not attribute its anti-corrosion properties to merely a single material, but the synergy of these three layers, which combined have superb rustproof qualities.

Compatible with metal coated and painted surfaces, fasteners coated with Evoshield® are resistant to acid and alkaline attack, galvanic corrosion and hydrogen embrittlement. These fasteners conform to corrosive gas test standard (Kesternich) DIN50018 and give a salt spray fog test to exceed (JISZ2731) 1,000 hours (ASTM B117).

Benefits of Evoshield®

- ✓ Available with 500hr/1,000hr hour salt spray rating (please refer to the relevant datasheet for details of the salt spray rating of a specific product or call or email us)
- ✓ Superior corrosion resistance. Excellent against gas, weathering and other corrosive factors including salt water
- ✓ Resistant to acid and alkaline attack, galvanic corrosion and hydrogen embrittlement
- ✓ Corrosion resistance against scratches. Composite layers minimise the effect of scratches on the protection coating
- ✓ Electrolytic corrosion resistance. Less contact corrosion with other metals
- ✓ Low process temperature. The drying temperature below 200ºC protects the products from metallographic changes
- ✓ Paintable
- ✓ Available in a variety of colours

Silver Evoshield®

Blue Evoshield®

Grey Evoshield®

Green Evoshield®

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Zinc

Evolution Fasteners utilises specialist zinc coatings in the protection of our products. Our electroplated zinc coatings are designed to give sacrificial protection to the fasteners in an electrogalvanic corrosion scenario as well as resistance to corrosion (tested to BS EN ISO 9227: 2012).

In addition to pure zinc coatings, we use specialist coatings such as zinc with yellow di-chromate passivation to give additional resistance to corrosion and chemical attack.

Stainless Steel

Evolution Fasteners use 300 series austenitic stainless steels in our fasteners where the ultimate in corrosion resistance is demanded by the application. These screws are constructed from SAE 304 (Euro Class A2) stainless steel and and SAE 316 (Euro Class A4).

TESTING

Evolution Fasteners test all of our screws and coatings to the highest possible standards in our own in-house testing laboratory. Our primary method is through Neutral Salt Spray Testing to BS EN ISO 9227: 2012 but we also subject our coatings to testing in acid, alkalis, solvents and organics to ensure that the coatings we supply are of premium quality.

CE MARKING

On the 1st of July 2013, European Regulation No. 305/2011 (commonly referred to as the Construction Products Regulations) came into full force. It completely repealed European Directive 89/106/EEC (commonly referred to as the Construction Products Directive).

Unlike the Directive, the Regulation will be legally mandated across all Member States of the European Union.

There are legal requirements placed upon Manufacturers, Importers and Distributors of construction products.

Most notably is the requirement to CE mark products.

CE Marking is only required on a product which falls within the scope of a Harmonised European Standard (EN). A list of such standards is maintained on the EU-LEX (the European Commissions' website) and in the OJEU (Official Journal of the European Union).

Where there is such a harmonised standard, the product **must** undergo both ITT (Initial Type Testing) and FPC (Factory Production Control); which can take the form of an audited Quality Management System (such as ISO 9001: 2009) so long as it takes into consideration manufacturing, quality and technical considerations unique to the product being CE marked.

The steps and requirements for ITT and FPC are outlined in the EN which covers the product. As such, the requirements change for every individual product.

Other products that do not require **mandatory CE marking under an EN** may still be adorned with the CE mark. This route is by ETA (European Technical Assessment), which can be derived by testing and documentation to either an ETAG (European Technical Assessment Guideline) or CUAP (Common Understanding of Assessment Procedure). In either case, the testing must be performed by an accredited laboratory and the documentation must be drawn up and ratified by EOTA (European Organisation for Technical Approvals) via a Notified Body.

Whether a product is being CE marked by an EN or ETA, the end document which allows the CE mark to be adorned is known as the DoP (Declaration of Performance). This document details critical compliance, conformity and performance information and is the manufacturers' own legal declaration document.

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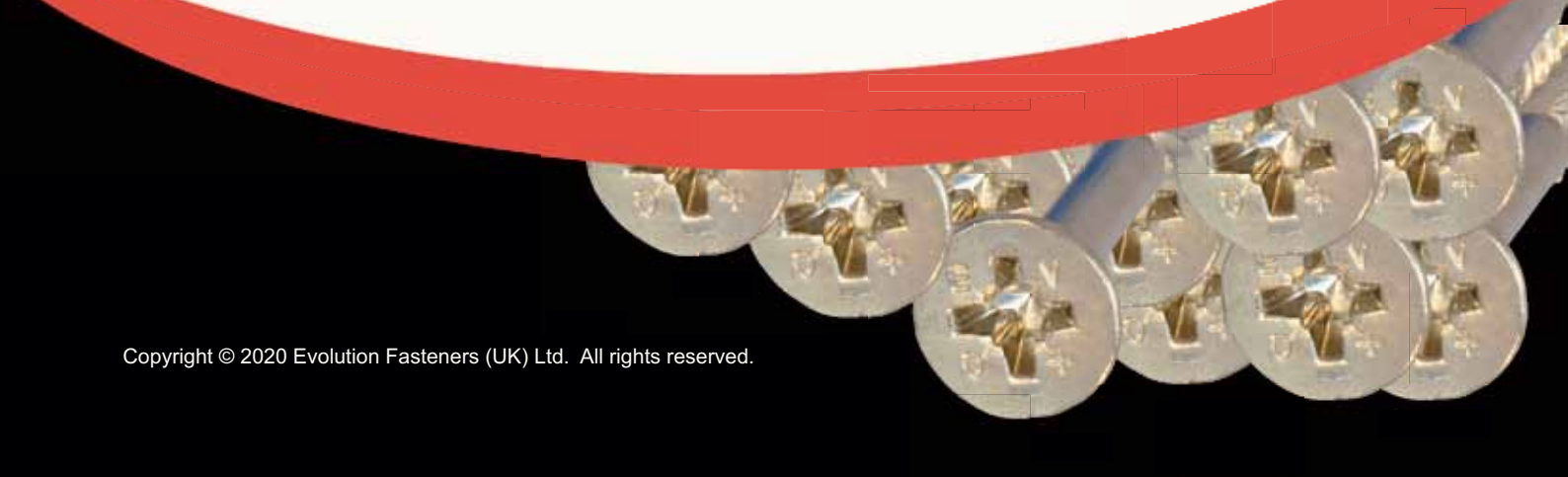

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