

DrillTech



Product Guide

New Tech. Same Brand.

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vjtechnology.com

VJT
VJ Technology

6 reasons to choose DrillTech

1

Bonded washer acts as a weather seal & isolates substrate and fixture

The isolation is important. The reason the washer is an option is to prevent bi-metallic corrosion which can cause considerable problems for a project. The washer acts as a seal to prevent any moisture from dripping into the fastener.

2

Excellent drilling and tapping performance

The hardened carbon steel drill point of the DrillTech provides excellent drilling and tapping performance in both metal and timber substrates.

3

UKAS Accredited Test Laboratory



VJT is equipped with a purpose-built Test Laboratory which is UKAS accredited for the tensile testing of structural anchors. The Laboratory has tested over 1400 self-drill screws in the DrillTech range into a variety of metal substrates to obtain real-world performance data using its own in-house test method, following the principles outlined in the CFA guidance note (2012). Technical data sheets are available on request or via our website. In the unlikely event that we do not have the performance data for your substrate please contact us.

4

Dedicated In House Technical Team

The VJT Technical Department works in partnership with suppliers, major contractors, trade associations and the HSE Research Laboratories (HSL) to improve the performance and safe use of fixings, power tools and consumables. In addition, our Technical Department provides comprehensive product specification, anchor performance calculations, on and off-site anchor proof/ultimate load testing and toolbox talks.

5

On-site Tool Box & Installation Talks

VJT has 20 Technical Sales Managers based around the UK who are all CFA Accredited and approved to provide on-site toolbox talks on technical applications such as abrasive wheel training, anchor installation, Paslode and Powder Actuated Tools (PAT) available nationwide.

6

On-site testing

VJT can carry out on-site preliminary proof testing to assess performance into unknown or unusual substrates. Tests can be carried out in tensile up to 600 kN per anchor.

Introduction

The term self-drilling screw covers a wide variety of products which all have their own specification and applications, depending on the job requirement. Known for their ability to drill through material without the need for a pre-drilled hole, the screw itself has a drill bit end allowing for application into wood and metal. Each DrillTech screw comes with a self-tapping thread allowing for it to create a thread as it is being fitted. This combination provides a fast and efficient means of connecting two materials. There is no need for a pilot drill as this aspect of the process is performed during the installation of the screw. Available in a variety of finishes and sizes.



Installation Tips



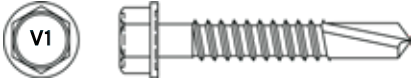
- Use a screw-gun with depth setting nosepiece to install with the correct speed
- Avoid overdriving/ overtightening
- Ensure fastener is fully seated when head is in contact with material surface, bonded washers should not compress >66% of original thickness
- A minimum of 3 threads must protrude through the rear of the metal structure

Company Introduction

VJT distributes and manufactures fixing systems, fasteners, tools and associated products to the UK construction and civil engineering industries. Our customers include many of the best-known names in the country, among them main contractors and specialist subcontractors.

Carbon Steel Light Section Self Drilling Screw

Application Fixing metal sheeting and cladding to light steel purlins and sections.



Drilling Capacity: 1.2mm to 5.0mm **Box Qty:** 100

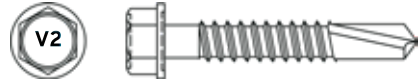
Product Code	Size	Carton Qty
13600010	5.5 x 25	4,800
13600020	5.5 x 32	3,600
13600030	5.5 x 38	2,400
13600040	5.5 x 50	2,400
13600050	5.5 x 70	2,400
13600060	5.5 x 82	1,600
13600070	5.5 x 98	1,200
13600080	5.5 x 160	800

13600090	5.5 x 25	2,400
13600100	5.5 x 32	1,600
13600110	5.5 x 38	1,600
13600120	5.5 x 50	1,600
13600130	5.5 x 70	1,600
13600140	5.5 x 82	900
13600150	5.5 x 98	600
13600160	5.5 x 160	600

With Bonded Washer: G19

Stainless Steel Light Section Self Drilling Screw (Bi-Metal)

Application Fixing metal sheeting and cladding to light steel purlins and sections where stainless steel product is required.



Drilling Capacity: 1.2mm to 5.0mm **Box Qty:** 100

Product Code	Size	Carton Qty
13600370	5.5 x 25	2,000
13600380	5.5 x 28	2,000
13600390	5.5 x 38	2,000
13600400	5.5 x 50	1,600

13600410	5.5 x 25	3,600
13600420	5.5 x 28	2,000
13600430	5.5 x 38	1,600
13600440	5.5 x 50	1,600

With Bonded Washer: S16

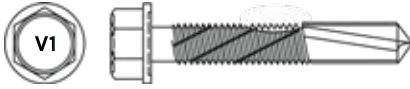
Accessories

Product Code	Description
10000140	Adaptor 5/16 - Tek
10000110	Adapter 1/4 - Mag x 57mm
10100200	Screwdriver bits MAX grip Philips No.2 x25
10100210	Screwdriver bits MAX grip Philips No.3 x25
10000160	Adapter 1/4 x 50 Extension
10000170	Adapter 1/4 x 150 Extension Tek
10000180	Socket 1/4 Drive 5/16 Tek TENM 140110
25000110	Elec Extension Lead 1.5mm 16A 110V 14mtr

Product Code	Description
25000130	Elec Cable Reel 110V 25mtr 2 Outlet 16A
25000150	Elec Cable Reel 110V 50mtr 2 Outlet 16A
13800010	Caps teks 5/16 CX 16 White BS00E55
13800020	Caps teks 5/16 CX 16 Vandyke Brown BS08B29
13800030	Caps teks 5/16 CX 16 Black BS00E53
13800040	Caps teks 5/16 CX 16 Goose Wing Grey BS10A05
13800050	Caps teks 5/16 CX 16 Ocean Blue BS18C39
13800070	Caps teks 5/16 CX 16 Metallic Silver
25480980	Hitachi (Hi KOKI) 110V Screw Gun

Carbon Steel Heavy Section Self Drilling Screw

Application Fixing metal sheeting and cladding to heavy steel purlins and sections.



Drilling Capacity: 5.0mm to 12.0mm **Box Qty:** 100

Product Code	Size	Carton Qty
13600170	5.5 x 32	3,600
13600180	5.5 x 38	2,400
13600190	5.5 x 51	2,400
13600200	5.5 x 67	2,400
13600210	5.5 x 76	2,400
13600220	5.5 x 100	1,200
13600230	5.5 x 115	900
13600240	5.5 x 130	900
13600250	5.5 x 150	900

13600260	5.5 x 32	2,400
13600270	5.5 x 38	1,600
13600280	5.5 x 51	1,600
13600290	5.5 x 67	1,600
13600300	5.5 x 76	1,600
13600310	5.5 x 100	900
13600330	5.5 x 130	600
13600340	5.5 x 150	600

With Bonded Washer: G16

Composite Fire Panel Screw

Application Fastening composite fire panels to light steel.

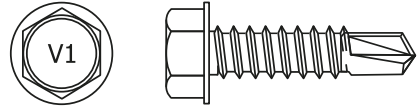


Drilling Capacity: 5.0mm to 12.0mm **Box Qty:** 100

Product Code	Size	Carton Qty
13601160	5.5 x 40	2,400

Stitching Screw

Application Stitching sheet metal without needing to pre-drill.



Drilling Capacity: 1.2mm to 5.0mm **Box Qty:** 100

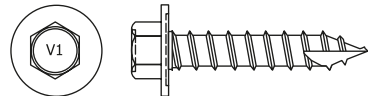
Product Code	Size	Carton Qty
13600350	4.8 x 19	4,800

13600360	6.3 x 25	2,000
With Bonded Washer: G16		

Gash Point Screw

Application

Fastening thin metal sheeting to timber frames without needing to pre-drill.



Product Code	Size	Carton Qty
13600840	6.5 x 32	4,800
13600850	6.5 x 45	4,800

With Bonded Washer: G16

Light Section Wing Tip Self Drilling Screw

Application

Fixing timber battens or sheathing boards to light-medium steel sections.



Drilling Capacity: 1.2mm to 3.0mm **Box Qty:** 100

Product Code	Size	Carton Qty
13600960	4.2 x 25	4,800

Drilling Capacity: 1.2mm to 4.0mm **Box Qty:** 100

Product Code	Size	Carton Qty
13600970	4.8 x 38	4,800
13600980	4.8 x 50	4,800

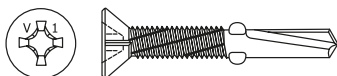
Drilling Capacity: 1.2mm to 5.0mm **Box Qty:** 100

Product Code	Size	Carton Qty
13600990	5.5 x 60	2,000
13601000	5.5 x 85	1,600
13601010	5.5 x 105	1,600

Heavy Section Wing Tip Self Drilling Screw

Application

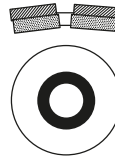
Fixing timber battens or sheathing boards to heavy steel sections.



Drilling Capacity: 5.0mm to 12.0mm **Box Qty:** 100

Product Code	Size	Carton Qty
13601020	5.5 x 60	2,000
13601030	5.5 x 80	1,600
13601040	5.5 x 110	1,600

Bonded Washer



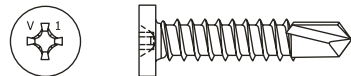
Box Qty: 100

Product Code	Size	Carton Qty	Bonded Washer
Galvanised			
13601050	16mm	12,000	G16
13601060	19mm	8,000	G19
13601070	29mm	6,000	G29
Stainless Steel			
13601080	16mm	12,000	S16
13601090	19 mm	6,000	S19
13601100	29mm	4,000	S29

Metal Framing Screws

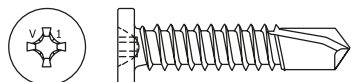
Material Carbon Steel

Application Metal framing where low profile self drilling fastener is required.



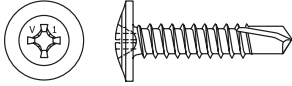
Drilling Capacity: 0.8mm to 3.5mm **Box Qty:** 100

Product Code	Size	Carton Qty
13601180	5.5 x 19	4,800



Drilling Capacity: 1.2mm to 5.0mm **Box Qty:** 100

Product Code	Finishes	Size	Carton Qty
13602010	Green Ruspert	5.5 x 25	4,800
13601230	Silver Ruspert	5.5 x 25	4,800

Metal Framing Screws (continued)

Drilling Capacity: 0.8mm to 4.0mm **Box Qty:** 100

Product Code	Size	Carton Qty
13601240	4.8 x 22	4,800

Carbon Steel Composite Panel Self Drilling Screw
Application Fixing composite panels to light-medium steel purlins and sections.

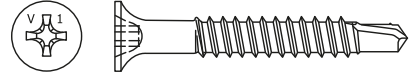
Drilling Capacity: 1.2mm to 5.0mm **Box Qty:** 100

Product Code	Size	Carton Qty
13601337	6.3/5.5 x 60	2,000
13601340	6.3/5.5 x 80	1,600
13601345	6.3/5.5 x 100	1,600
13601350	6.3/5.5 x 120	1,200
13601360	6.3/5.5 x 140	1,200
13601370	6.3/5.5 x 160	800
13601373	6.3/5.5 x 180	600
13601374	6.3/5.5 x 200	600

13601375	6.3/5.5 x 60	1,600
13601380	6.3/5.5 x 80	1,200
13601390	6.3/5.5 x 100	1,200
13601395	6.3/5.5 x 120	800
13601400	6.3/5.5 x 140	800
13601410	6.3/5.5 x 160	600
13601412	6.3/5.5 x 180	600
13601414	6.3/5.5 x 200	600
With Bonded Washer: G16		

Carbon Steel Bugle Head Self Drilling Screw
Application

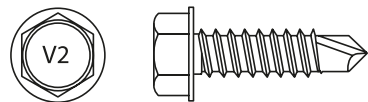
Fixing insulation to light steel substructure.


Drilling Capacity: 0.8mm to 2.0mm **Box Qty:** 100

Product Code	Size	Carton Qty
13601610	4.8 x 50	3,600
13601620	4.8 x 60	3,600
13601630	4.8 x 70	3,600
13601640	4.8 x 80	2,400
13601650	4.8 x 90	2,400
13601660	4.8 x 100	2,400
13601670	4.8 x 110	1,200
13601680	4.8 x 120	1,200
13601690	4.8 x 130	1,200
13601700	4.8 x 140	1,200
13601710	4.8 x 150	1,200
13601720	4.8 x 160	800
13601730	4.8 x 170	800
13601740	4.8 x 180	800
13601750	4.8 x 200	800
13601780	4.8 x 220	1,000
13601790	4.8 x 240	1,000
13601800	4.8 x 260	1,000
13601810	4.8 x 280	1,000

Sub-Frame Fastener
Application

Self-drilling fastening to aluminium sub-frame.


Drilling Capacity: 1.2mm to 3.0mm **Box Qty:** 100

Product Code	Size	Carton Qty
13601430	4.8 x 19	3,600

CONSTRUCTION FIXINGS & TOOLS

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Environment and Waste

We are committed to developing and promoting high environmental standards in all areas of our business, with a focus on reducing waste, increasing efficiency and continuously improving our working practices.

Health and Safety

We are committed to the health and safety of all our employees, customers and suppliers.

Our technical sales team is qualified to instruct in the correct use of abrasives and Paslode and Powder actuated tools, as well as deliver tool box talks on anchor installation.

Quality Assurance

We are committed to providing a quality of service that consistently meets, or exceeds, our customer's needs. To help achieve this objective we have a Quality Management System certified to ISO 9001: 2015, and regular reviews are carried out in our quest for continual improvement.

Insurance

VJ Technology can provide insurance downloads on our website.

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