

DrillTech

Self Drill Screw Product Guide 2022



Approved for use with



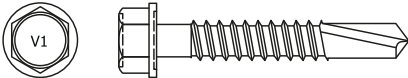
Introduction

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 timber 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.

■ Carbon

CSLS - 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	ECR	Carton Qty
13600010	5.5 x 25	1.2 - 8mm	4,800
13600020	5.5 x 32	1.2 - 14mm	3,600
13600030	5.5 x 38	1.2 - 20mm	2,400
13600040	5.5 x 50	1.2 - 32mm	2,400
13600050	5.5 x 70	1.2 - 51mm	2,400
13600060	5.5 x 82	20 - 62mm	1,600
13600070	5.5 x 98	36 - 78mm	1,200
13600080	5.5 x 160	100 - 136mm	800

13600090	5.5 x 25	1.2 - 6mm	2,400
13600100	5.5 x 32	1.2 - 12mm	1,600
13600110	5.5 x 38	1.2 - 18mm	1,600
13600120	5.5 x 50	1.2 - 30mm	1,600
13600130	5.5 x 70	1.2 - 49mm	1,600
13600140	5.5 x 82	20 - 60mm	900
13600150	5.5 x 98	36 - 76mm	600
13600160	5.5 x 160	100 - 134mm	600

With Bonded Washer: G16

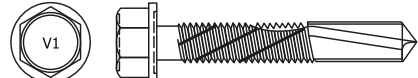
Installation Tips

- Use correct speed screw gun (1,500 up to 1,700 rpm) screw-gun with depth setting nosepiece to install with the correct speed
- Ensure fastener is fully seated when head is in contact with material surface, bonded washers should not compress >66% of original thickness
- Carbon Steel Screws - Minimum of three threads should protrude through the rear of the steel structure
- Bi-Metal Screws - Minimum of 5 threads should protrude through the rear of the steel structure
- Never use an impact gun for installation! They can cause the fastener to break, damage the coating and reduce pull out performance
- Performance data sheets available online: www.vjtechnology.com

■ Carbon

CSHS - 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	ECR	Carton Qty
13600170	5.5 x 32	5 - 10mm	3,600
13600180	5.5 x 38	5 - 15mm	2,400
13600190	5.5 x 51	5 - 28mm	2,400
13600200	5.5 x 67	5 - 43mm	2,400
13600210	5.5 x 76	5 - 52mm	2,400
13600220	5.5 x 100	29 - 76mm	1,200
13600230	5.5 x 115	44 - 90mm	900
13600240	5.5 x 130	59 - 105 mm	900
13600250	5.5 x 150	80 - 128mm	900

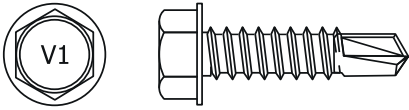
13600260	5.5 x 32	5 - 8mm	2,400
13600270	5.5 x 38	5 - 13mm	1,600
13600280	5.5 x 51	5 - 26mm	1,600
13600290	5.5 x 67	5 - 41mm	1,600
13600300	5.5 x 76	5 - 50mm	1,600
13600310	5.5 x 100	29 - 74mm	900
13600330	5.5 x 130	44 - 88mm	600
13600340	5.5 x 150	59 - 103mm	600

With Bonded Washer: G16

■ Carbon

CSLSS - Stitching Screw

Application Stitching sheet metal without needing to pre-drill.



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

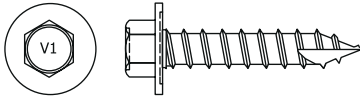
Product Code	Size	ECR	Carton Qty
13600350	4.8 x 19	1.2 - 9.0mm	4,800

13600360	6.3 x 25	1.2 - 7.0mm	2,000
With Bonded Washer: G16			

■ Carbon

CSTT - Gash Point Screw

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

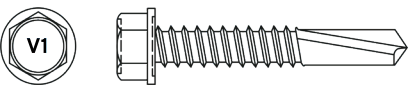


Product Code	Size	Carton Qty
13600840	6.5 x 32	4,800
13600850	6.5 x 45	4,800
With Bonded Washer: G16		

■ Carbon

CSDS - Composite Fire Panel Screw

Application Fastening composite fire panels to light steel



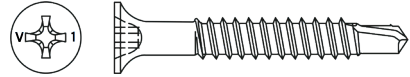
Drilling Capacity: 5.0mm to 12.0mm **Box Qty:** 100

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

■ Carbon

CSLSB - Bugle Head Self Drilling Screw

Application Fixing insulation to light steel substructure.



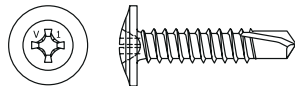
Drilling Capacity: 0.8mm to 2.0mm **Box Qty:** 100

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	800
13601790	4.8 x 240	800
13601800	4.8 x 260	800
13601810	4.8 x 280	800
13601820	4.8 x 300	500

■ Carbon

CSLSF - Metal Framing Screws

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



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

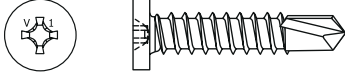
Product Code	Size	ECR	Carton Qty
13601240	4.8 x 22	0.8 - 8mm	4,800

■ Carbon

CSLSF - 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	ECR	Carton Qty
13601180	5.5 x 19	0.8 - 4.0mm	4,800



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

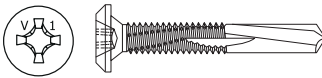
Product Code	Finishes	Size	ECR	Carton Qty
13602010	Green Ruspert	5.5 x 25	1.2 - 10mm	4,800
13601230	Silver Ruspert	5.5 x 25	1.2 - 10mm	4,800

■ Carbon

CSHSF - Low Profile Framing Screw

Application

- Fixing clips and brackets to heavy section steel where a secret fix is required



Drilling Capacity: 4.0mm to 12.0mm **Box Qty:** 100

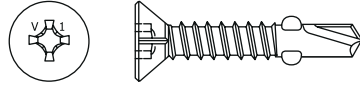
Product Code	Size	Carton Qty
13601600	5.5 x 38	2400

■ Carbon

CSLSW - 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	ECR	Carton Qty
13600960	4.2 x 25	6 - 9mm	4,800

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

Product Code	Size	ECR	Carton Qty
13600970	4.8 x 38	9 - 18mm	4,800
13600980	4.8 x 50	9 - 29mm	4,800

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

Product Code	Size	ECR	Carton Qty
13600990	5.5 x 60	11 - 38mm	2,000
13601000	5.5 x 85	11 - 62mm	1,600
13601010	5.5 x 105	11 - 82mm	1,600

■ Carbon

CSHSW - Heavy Section Wing Tip Self Drilling Screw

Application

Fixing timber battens or sheathing boards to heavy steel sections.



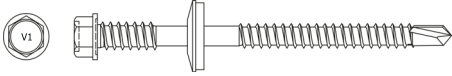
Drilling Capacity: 5.0mm to 12.0mm **Box Qty:** 100

Product Code	Size	ECR	Carton Qty
13601020	5.5 x 60	18 - 31mm	2,000
13601030	5.5 x 80	18 - 50mm	1,600
13601040	5.5 x 110	18 - 81mm	1,600

■ Carbon

CSLSC - 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	ECR	Carton Qty
13601337	6.3/5.5 x 60	34 - 44mm	2,000
13601340	6.3/5.5 x 80	46 - 63mm	1,600
13601345	6.3/5.5 x 100	52 - 83mm	1,600
13601350	6.3/5.5 x 120	73 - 103mm	1,200
13601360	6.3/5.5 x 140	92 - 123mm	1,200
13601370	6.3/5.5 x 160	112 - 142mm	800
13601373	6.3/5.5 x 180	112 - 162mm	600
13601374	6.3/5.5 x 200	131 - 182mm	600
13601416	6.3/5.5 x 240	170 - 220mm	400
13601418	6.3/5.5 x 265	195 - 245mm	400

13601375	6.3/5.5 x 60	34 - 42mm	1,600
13601380	6.3/5.5 x 80	46 - 61mm	1,200
13601390	6.3/5.5 x 100	52 - 81mm	1,200
13601395	6.3/5.5 x 120	73 - 101mm	800
13601400	6.3/5.5 x 140	92 - 121mm	800
13601410	6.3/5.5 x 160	112 - 140mm	600
13601412	6.3/5.5 x 180	112 - 160mm	600
13601414	6.3/5.5 x 200	131 - 180mm	600
13601376	6.3/5.5 x 240	168 - 218mm	400
13601377	6.3/5.5 x 265	193 - 243mm	400

With Bonded Washer: G16

■ Carbon

CSLSR - Rainscreen Insulation Screw

Application Fixing rainscreen insulation through sheathing board to steel frame.



Drilling Capacity: 1.2mm to 5.0mm **Box Qty:** 200

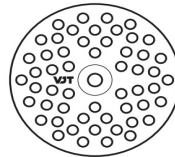
Product Code	Size	ECR	Carton Qty
13604000	4.8 x 50	5 - 30mm	3000
13604010	4.8 x 60	5 - 45mm	3000
13604020	4.8 x 70	15 - 55mm	3000
13604030	4.8 x 80	25 - 65mm	3000
13604040	4.8 x 100	45 - 85mm	2400
13604050	4.8 x 120	65 - 105mm	2400
13604060	4.8 x 140	85 - 125mm	2400
13604070	4.8 x 160	105 - 145mm	1200
13604080	4.8 x 180	125 - 165mm	100
13604090	4.8 x 200	145 - 185mm	100
13604100	4.8 x 240	185 - 225mm	100

■ Carbon

P5-80 - Plastic Insulation Washer

Application

Nylon washer for retaining soft insulation.
Compatible with CSLSR & CSLSB Drilltech screws



Box Qty: 200

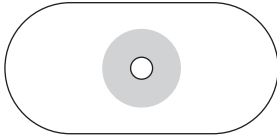
Colour: Black

Product Code	O/D	I/D	Carton Qty
01900870	80mm	5mm	800

■ Carbon

Stress Plate Washer

Application Carbon steel washer for retaining insulation. Compatible with CSLSR & CSLSB Drilltech Screws.



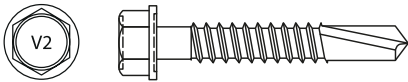
Box Qty: 100

Product Code	Size	I/D	Carton Qty
13600620	80 x 40mm	4.8mm	12,000

■ Bi-metallic

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

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



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

Product Code	Size	ECR	Carton Qty
13600370	5.5 x 25	1.2 - 8mm	2,000
13600380	5.5 x 28	1.2 - 11mm	2,000
13600390	5.5 x 38	1.2 - 20mm	2,000
13600400	5.5 x 50	1.2 - 32mm	1,600

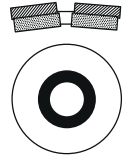
13600410	5.5 x 25	1.2 - 6mm	3,600
13600420	5.5 x 28	1.2 - 9mm	2,000
13600430	5.5 x 38	1.2 - 18mm	1,600
13600440	5.5 x 50	1.2 - 30mm	1,600

With Bonded Washer: S16

■ Carbon

Bonded Washer

Application For weather-tight sealing of roof and wall applications.



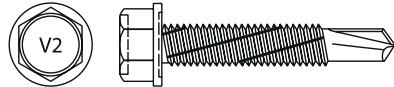
Box Qty: 100

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

■ Bi-metallic

SSHS - Stainless Steel Heavy Section Self Drilling Screw (Bi-Metal)

Application Fixing metal sheeting and cladding to heavy steel purlins and sections where stainless steel fastener is required.



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

Product Code	Size		Carton Qty
13600450	5.5 x 40	5.0 - 14mm	2,000
13600460	5.5 x 50	5.0 - 25mm	2,000
13600470	5.5 x 65	5.0 - 41mm	2,000
13600480	5.5 x 80	5.0 - 53mm	1,600
13600490	5.5 x 100	5.0 - 74mm	1,600

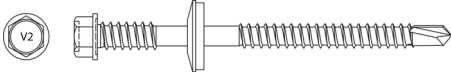
13600500	5.5 x 40	5.0 - 12mm	1,600
13600510	5.5 x 50	5.0 - 23mm	1,600
13600520	5.5 x 65	5.0 - 39mm	1,600
13600530	5.5 x 80	5.0 - 51mm	1,200
13600540	5.5 x 100	5.0 - 72mm	1,200

With Bonded Washer: S16

■ Bi-metallic

SSLSC - Stainless steel Composite Panel Self Drilling Screw (Bi-Metal)

Application Fixing composite panels to light-medium steel purlins and sections as for insulation and brick channel.



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

Product Code	Size	ECR	Carton Qty
13601299	6.3/5.5 x 60	34 - 44mm	2000
13601300	6.3/5.5 x 80	46 - 63mm	1600
13601310	6.3/5.5 x 100	52 - 83mm	1600
13601320	6.3/5.5 x 120	73 - 103mm	1200
13601330	6.3/5.5 x 140	92 - 123mm	1200
13601333	6.3/5.5 x 160	112 - 142mm	800
13601335	6.3/5.5 x 180	112 - 162mm	600
13601336	6.3/5.5 x 200	131 - 182mm	600
13601338	6.3/5.5 x 240	170 - 220mm	400
13601339	6.3/5.5 x 265	195 - 245mm	400

13601500	6.3/5.5 x 60	34 - 42mm	2000
13601510	6.3/5.5 x 80	46 - 61mm	1600
13601520	6.3/5.5 x 100	52 - 81mm	1600
13601530	6.3/5.5 x 120	73 - 101mm	1200
13601540	6.3/5.5 x 140	92 - 121mm	1200
13601550	6.3/5.5 x 160	112 - 140mm	800
13601560	6.3/5.5 x 180	112 - 160mm	600
13601570	6.3/5.5 x 200	131 - 180mm	600
13601580	6.3/5.5 x 240	168 - 218mm	400
13601590	6.3/5.5 x 265	193 - 243mm	400

With Bonded Washer: S16

Metsec Approved

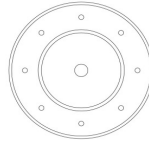
Some of our Drilltech range is Metsec approved. Please see our Drilltech Structural Framing Systems for more information on this.



■ Stainless

SSW7-85 - Stainless steel A2 Washer 85mm Dia

Application Stainless steel washer for retaining soft insulation. Compatible with SSLSC Drilltech screws.



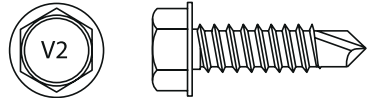
Box Qty: 100

Product Code	O/D	I/D	Carton Qty
13601105	85mm	7mm	400

■ Stainless

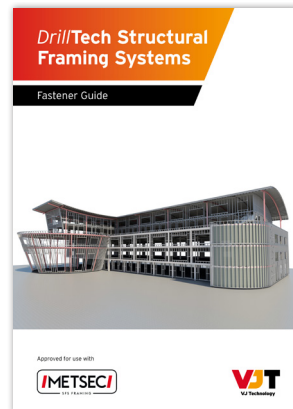
SA - Sub-Frame Fastener

Application Self-drilling fastening to aluminium sub-frame.



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

Product Code	Size	ECR	Carton Qty
13601430	4.8 x 19	0.8 - 8.0mm	3,600



CONSTRUCTION FIXINGS & TOOLS

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

Hikoki Screw Gun

For installation of self-drilling screws and drywall screws.
1700RPM



Important

Never use an impact gun for installation. They can cause the fastener to break, damage the coating and reduce pull-out performance.

Further information

To download our product datasheets visit our website
www.vjtechnology/publications

