

SPAX WOOD SCREWS

Flints stocks screws made by Altenloch, Brinck and Co, the German manufacturer of Spax screws, who we believe make the most advanced screws in the world.



- ✓ The outstanding feature of the Spax screw is its patented ground serrations. There has never been a screw which enters the material with such ease while exhibiting such holding power
- ✓ The Spax screw has computer-optimised head geometry giving greatly improved driver-bit seating and frictional grip
- ✓ Protected against hydrogen-induced delayed brittle fracture for increased reliability
- ✓ High thread hardness combined with tough screw core gives dynamic penetration into various materials without pre-drilling
- ✓ New synthetic coating for smooth easy screw penetration
- ✓ Suitable for softwoods, hardwoods, plastics and thin metal sections
- ✓ Great packaging
- ✓ Very keenly priced
- ✓ Torx head versions now in stock

3 mm [No.4] Spax Wood Screws

Use a PZ1 Drive Bit [page 310]. This size of screw is normally used for very small fittings such as piano hinges.

code	thread length	screw length	screw length	box qty	our price per box	5+ boxes
SPA312	Full	12mm	1/2"	200	£2.82	£2.53
SPA316	Full	16mm	5/8"	200	£2.87	£2.43
SPA320	Full	20mm	3/4"	200	£3.10	£2.62
SPA325	Full	25mm	1"	200	£3.44	£3.08
SPA330	Full	30mm	1 1/4"	200	£4.57	£4.10
SPA335	Full	35mm	1 3/8"	200	£5.16	£4.63
SPA340	Full	40mm	1 1/2"	200	£6.97	£6.26

3.5 mm [No.6] Spax Wood Screws

Use a PZ2 Drive Bit [page 310]. This size of screw is normally used for small fittings such as door furniture.

code	thread length	screw length	screw length	box qty	our price per box	5+ boxes
SPA3512	Full	12mm	1/2"	200	£3.46	£2.93
SPA3516	Full	16mm	5/8"	200	£3.48	£2.76
SPA3520	Full	20mm	3/4"	200	£3.92	£3.31
SPA3525	Full	25mm	1"	200	£4.18	£3.76
SPA3530	Full	30mm	1 1/4"	200	£4.62	£3.92
SPA3535	Full	35mm	1 3/8"	200	£5.71	£4.85
SPA3540	Full	40mm	1 1/2"	200	£6.59	£5.59
SPA3545	Full	45mm	1 3/4"	200	£10.40	£8.85
SPA3550	Full	50mm	2"	200	£11.38	£9.67

4 mm [No.8] Spax Wood Screws

Use a PZ2 Drive Bit [page 310]. The most popular size for scenery building, the narrow shank being unlikely to split timber. They also fit 1 1/2" & 1 3/4" pin hinges. The longest screws are part threaded to improve performance. Virtually all the 4 mm sizes are bestsellers. The 40 mm and 50 mm lengths are now available in extra large tubs!



code	thread length	screw length	screw length	box qty	our price per box	5+ boxes
SPA416	Full	16mm	5/8"	200	£4.12	£3.50
SPA420	Full	20mm	3/4"	200	£4.52	£3.84
SPA425	Full	25mm	1"	200	£5.16	£4.38
SPA430	Full	30mm	1 1/4"	200	£5.45	£4.64
SPA435	Full	35mm	1 3/8"	200	£6.34	£5.38
SPA440	Full	40mm	1 1/2"	200	£7.54	£6.40
SPA440TUB	Full	40mm	1 1/2"	800	£24.00	
SPA445	Full	45mm	1 3/4"	200	£8.50	£7.22
SPA450	Full	50mm	2"	200	£9.31	£7.91
SPA450TUB	Full	50mm	2"	650	£24.00	
SPA460	Full	60mm	2 1/2"	100	£8.22	£6.98
SPA470	Full	70mm	2 3/4"	100	£13.33	£11.33
SPA480	Full	80mm	3"	200	£28.91	£24.58

4.5 mm [No.9] Spax Wood Screws

Use a PZ2 Drive Bit [page 310]. No.9 screws were very obscure so most of our clients choose a metric equivalent to No.8 or No.10, however, this range of 4.5 mm screws, sitting between the popular sizes, will do virtually everything the other sizes do yet you only have to stock one type. Ideal for touring kits. The longest screws are part threaded to improve performance.

code	thread length	screw length	screw length	box qty	our price per box	5+ boxes
SPA4516	Full	16mm	5/8"	200	£5.71	£4.85
SPA4520	Full	20mm	3/4"	200	£6.29	£5.64
SPA4525	Full	25mm	1"	200	£6.91	£6.20
SPA4530	Full	30mm	1 1/4"	200	£7.54	£6.40
SPA4535	Full	35mm	1 3/8"	200	£8.24	£7.00
SPA4540	Full	40mm	1 1/2"	200	£9.08	£7.72
SPA4545	Full	45mm	1 3/4"	200	£11.62	£9.87
SPA4550	Full	50mm	2"	200	£12.08	£10.26
SPA4560	Full	60mm	2 1/2"	100	£7.74	£6.59
SPA4570	Full	70mm	2 3/4"	100	£13.33	£11.33
SPA4580	Full	80mm	3"	100	£14.84	£12.62

5 mm [No.10] Spax Wood Screws

Use a P22 Drive Bit [page 310]. A popular size in the longer lengths for scenery building, the heavier gauge adds strength. The longest screws are part threaded to improve performance. We have highlighted our bestsellers to help you select a useful range.

code	screw length	screw length	box qty	our price per box	5+ boxes
SPA520	20mm	3/4"	200	£8.42	£7.56
SPA525	25mm	1"	200	£8.56	£6.96
SPA530	30mm	1 1/4"	200	£9.49	£8.07
SPA535	35mm	1 3/8"	200	£11.01	£9.36
SPA540	40mm	1 1/2"	200	£11.74	£9.98
SPA545	45mm	1 1/2"	200	£13.21	£11.22
SPA550	50mm	1 3/4"	200	£13.91	£11.82
SPA560	60mm	2 1/2"	100	£8.42	£7.16
SPA570	70mm	2 3/4"	100	£11.96	£10.73
SPA580	80mm	3"	100	£14.12	£11.99
SPA590	90mm	3 1/2"	100	£19.48	£17.48
SPA5100	100mm	4"	100	£22.08	£18.94
SPA5120	120mm	4 3/4"	200	£95.08	£80.82

6 mm [No.12] Spax Wood Screws

Use a P23 Drive Bit [page 310]. This size of screw is used for securing rafters or for heavy construction work. The longest screws are partially threaded to improve performance.

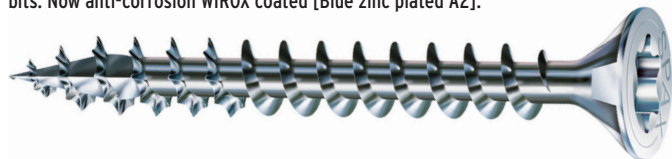
Longer sizes available to order. Please phone Customer Services for details.

code	screw length	screw length	box qty	our price per box	5+ boxes
SPA640	40mm	1 1/2"	200	£16.17	£14.49

For our bestselling Wera Diamond Coated Bits see page 310.

**SPAX T-STAR PLUS****Spax T-Star Plus**

These "Torx" type screws are widely used in Europe and are now rapidly growing in popularity in the UK. The head design gives a very secure bit grip with no cam out effect. The T-Star Plus will deliver optimal force transmission with reduced driving torque resulting in more screwed connections per battery charge. We hold stocks of the most popular sizes but can order any size. These 5 mm screws use size T20 T-Star bits. Now anti-corrosion WIROX coated [Blue zinc plated A2].



code	screw length	screw length	box qty	our price per box	5+ boxes
SPATS560W	60mm	2 1/2"	100	£8.42	£7.56
SPATS570W	70mm	2 3/4"	100	£11.96	£10.17

T-Star Bits

Size T20 to fit the screws above.



code	qty	price
SPAT20	5 per pack	£8.90

SPEEDPOINT ECONOMY SCREWS**Speedpoint P22**

We all know that Spax are the gold standard when it comes to screws, but sometimes budgets don't quite justify the expense. SpeedPoint screws are a great quality Bright Zinc Plated screw that balance budget and performance, our workshop team thought they were great! Added benefit of coming in box sizes of 500 makes them a workshop must.

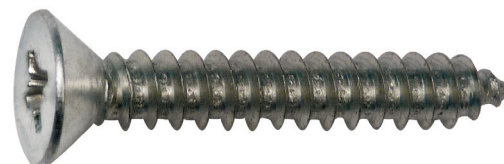
SPECIFICATION: Bit Size: P22. Screw Size: 4 mm (No. 8).



code	screw length	screw length	box qty	price
FIXSP430	30mm	1 1/4"	500	£10.24
FIXSP435	35mm	1 3/8"	500	£10.38
FIXSP440	40mm	1 1/2"	500	£10.50
FIXSP445	45mm	1 3/4"	500	£11.55
FIXSP450	50mm	2"	500	£12.41
FIXSP460	60mm	2 1/2"	500	£18.83
FIXSP470	70mm	2 3/4"	500	£26.08
FIXSP540	40mm	1 1/2"	500	£18.85
FIXSP550	50mm	2"	500	£21.28
FIXSP580	80mm	3 1/4"	500	£46.33
FIXSP5120	120mm	4 3/4"	500	£25.00

SELF-TAPPING SCREWS**Self-Tapping Screws [BS 4174]**

Our pozidriv screws are bright zinc-plated and they are available with countersunk or with pan heads. These hardened fixings will cut their own thread through steel or aluminium and are ideal for cladding steel flats and rostra. The table below will help you select the correct drill size. We also stock self-drilling self-tappers which are listed below as Bugle Head Self-Drill Screws.



No.8 [4.2mm]	Type	screw length	screw length	box qty	per box	5+ boxes
SCR661	Csk	13mm	1/2"	1000	£9.58	£8.90
SCR662	Csk	19mm	3/4"	1000	£12.22	£10.70
SCR663	Csk	25mm	1"	1000	£16.10	£14.09
SCR665	Csk	32mm	1 1/4"	1000	£21.00	£18.90
SCR664	Csk	38mm	1 1/2"	1000	£23.95	£21.55
SCR623P	Pan	13mm	1/2"	1000	£10.72	£9.38
SCR625P	Pan	19mm	3/4"	1000	£16.00	£14.40
SCR626P	Pan	25mm	1"	1000	£16.38	£14.34
SCR627P	Pan	32mm	1 1/4"	1000	£20.06	£17.56
SCR628P	Pan	38mm	1 1/2"	1000	£24.26	£21.23

No.10 [4.73mm]	Type	screw length	screw length	box qty	per box	5+ boxes
SCR668	Csk	19mm	3/4"	1000	£12.54	£10.98
SCR670	Csk	25mm	1"	1000	£20.22	£17.70
SCR672	Csk	32mm	1 1/4"	1000	£24.70	£21.62
SCR674	Csk	38mm	1 1/2"	500	£14.12	£10.26
SCR676	Csk	45mm	1 3/4"	500	£17.58	£15.55
SCR640	Csk	50mm	2"	500	£19.50	£17.55
SCR635P	Pan	19mm	3/4"	1000	£19.56	£17.12
SCR636P	Pan	25mm	1"	1000	£23.64	£20.69
SCR637P	Pan	32mm	1 1/4"	1000	£21.18	£18.54

SCREWS

SELF-DRILLING

Pilot Holes for Self-Tapping Screws

A note on pilot drills: The diameter of the drill will depend on the thickness of the material being fixed. For drilling into mild steel and aluminium the following drills are ideal, but conditions differ and it may be necessary to vary the drill size to suit. See page 307 for Drills.

Material Thickness	Drill for No.8	Drill for No.10
0.71mm or 22g	3mm	3.5mm
1.22mm or 18g	3.2mm [$\frac{1}{8}$ "]	3.7mm
1.62mm or 16g	3.4mm	3.8mm
3.18mm or 1/8"	3.8mm	4.3mm

Self-Drilling Hex Head Screws [BZP]

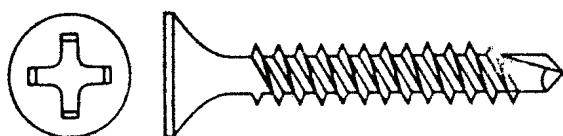
For securing cladding to steelwork 1.2 – 3.0 mm thick. 8 mm hex head.



code	screw length	screw Ø	box qty	price
FIX55025	25mm	5.5mm	100	£6.95
FIX55032	32mm	5.5mm	100	£6.30
FIX55038	38mm	5.5mm	100	£6.98

Bugle Head Self-Drill Points [BZP]

The self-drill point drives straight into a light metal tube without pre-drilling.



code	screw length	screw Ø	box qty	price
SCR3525D	25mm	3.5mm	1000	£9.85
SCR3532D	32mm	3.5mm	1000	£11.07
SCR3538D	38mm	3.5mm	1000	£11.90
SCR3542D	42mm	3.5mm	1000	£12.72
SCR3550D	50mm	3.5mm	1000	£14.60

TOGGLE RAIL SCREWS

Toggle Rail Screws

Modern fast-driving screws aren't ideal for drawing two items together. We stock this size of conventional woodscrew specifically for use with toggle shoes and, yes, they are slotted. Gulp! Don't forget to line up the slots. Oh, those memories come flooding back and we have listed them in imperial to complete that retro feel.

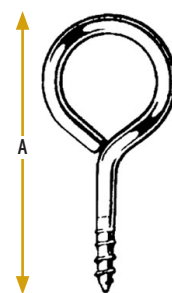


code	screw length	screw Ø	box qty	price
FIXSTSW1225	2 1/2"	No.12	500	£3.68

SCREW EYES

Screw Eyes

The most popular screw eyes for use with stage braces are 55 x 12 g. See also the Hook and Eye Sets [page 273].



code	length A	screw Ø	gauge	box qty	price	200+
FIX3152	25mm	7mm	4	200	£0.08	£0.06
FIX3153	30mm	8mm	8	200	£0.09	£0.07
FIX3155	35mm	10mm	8	200	£0.15	£0.13
FIX3157	40mm	10mm	8	200	£0.16	£0.11
code	length A	screw Ø	gauge	box qty	price	100+
FIX3159	45mm	12mm	10	100	£0.23	£0.21
FIX3161	55mm	16mm	12	100	£0.29	£0.26
FIX3163	65mm	14mm	14	100	£0.36	£0.31
code	length A	screw Ø	gauge	box qty	price	50+
FIX3164	75mm	20mm	18	50	£0.69	£0.62

SCREW CUPS

Turned Brass Screw Cups

Used particularly for touring floors, where the requirement is to protect the screw holes to stop them becoming enlarged or damaged by screwdrivers. When the original screw hole is drilled, hammer a turned screw cup into the hole to give the fixing a protected hole with a countersink that will receive a fixing screw repeatedly.



code	box qty	gauge	price	200+
FIX9151	200	8	£0.29	£0.26
FIX9152	200	10	£0.35	£0.25

Pressed Surface Screw Cups [Brass]

A fitting designed to receive a countersunk screw. For applications where the fixing is featured. Ideal for panels that need to be frequently removed such as inspection panels. Also available in Stainless Steel to order.



code	suits screws	box qty	price
FIX9155	Gauge: 6	500	£11.98
FIX9156	Gauge: 7-8	500	£16.30
FIX9157	Gauge: 9-10	500	£18.78

Screw Gauges into Millimetres

Gauge	Diameter in mm	Pilot hole for woodscrews
No.2	2.08mm	1.6mm [$\frac{1}{16}$ "]
No.3	2.39mm	1.6mm [$\frac{1}{16}$ "]
No.4	2.74mm	2.0mm [$\frac{5}{64}$ "]
No.6	3.45mm	2.0mm [$\frac{5}{64}$ "]
No.8	4.17mm	2.5mm [$\frac{3}{32}$ "]
No.10	4.88mm	3.5mm [$\frac{7}{64}$ "]
No.12	5.59mm	3.5mm [$\frac{7}{64}$ "]
No.14	6.30mm	4.0mm [$\frac{9}{64}$ "]