


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.

SPAX®



- ✓ 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
- ✓ Most popular screws marked with  for easy re-stocking

3 mm [NO.4] SPAX WOOD SCREWS

Use a PZ1 Drive Bit [page 272]. This size of screw is normally used for very small fittings such as piano hinges.

3 mm	metric size	imperial equivalent	thread length	box qty	code	list price per box	our price per box	5+ boxes
	3 x 12	No.4 x 1/2"	Full	200	SPA312	£5.15	£2.40	£2.18
	3 x 16	No.4 x 5/8"	Full	200	SPA316	£5.26	£2.46	£2.20
	3 x 20	No.4 x 3/4"	Full	200	SPA320	£5.66	£2.63	£2.36
	3 x 25	No.4 x 1"	Full	200	SPA325	£6.29	£2.93	£2.65
	3 x 30	No.4 x 1 1/4"	Full	200	SPA330	£8.36	£3.90	£3.52
	3 x 35	No.4 x 1 3/8"	Full	200	SPA335	£9.43	£4.41	£3.95
	3 x 40	No.4 x 1 1/2"	Full	200	SPA340	£12.76	£5.97	£5.33

3.5 mm [NO.6] SPAX WOOD SCREWS

Use a PZ2 Drive Bit [page 272]. This size of screw is normally used for small fittings such as door furniture.

3.5 mm	metric size	imperial equivalent	thread length	box qty	code	list price per box	our price per box	5+ boxes
	3.5 x 12	No.6 x 1/2"	Full	200	SPA3512	£6.34	£2.96	£2.67
	3.5 x 16	No.6 x 5/8"	Full	200	SPA3516	£6.38	£2.99	£2.71
	3.5 x 20	No.6 x 3/4"	Full	200	SPA3520	£7.14	£3.35	£3.03
	3.5 x 25	No.6 x 1"	Full	200	SPA3525	£7.66	£3.58	£3.23
	3.5 x 30	No.6 x 1 1/4"	Full	200	SPA3530	£8.46	£3.96	£3.32
	3.5 x 35	No.6 x 1 3/8"	Full	200	SPA3535	£10.46	£4.90	£4.39
	3.5 x 40	No.6 x 1 1/2"	Full	200	SPA3540	£12.06	£5.64	£5.09
	3.5 x 45	No.6 x 1 3/4"	Full	200	SPA3545	£19.04	£8.91	£7.98
	3.5 x 50	No.6 x 2"	Full	200	SPA3550	£20.86	£9.77	£8.75

4 mm [NO.8] SPAX WOOD SCREWS



Use a PZ2 Drive Bit [page 272]. 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.

4 mm	metric size	imperial equivalent	thread length	box qty	code	list price per box	our price per box	5+ boxes
	4 x 16	No.8 x 5/8"	Full	200	SPA416	£7.55	£3.52	£2.95
	4 x 20	No.8 x 3/4"	Full	200	SPA420	£8.30	£3.87	£3.30
	4 x 25	No.8 x 1"	Full	200	SPA425	£9.43	£4.41	£3.74
	4 x 30	No.8 x 1 1/4"	Full	200	SPA430	£9.97	£4.67	£3.95
	4 x 35	No.8 x 1 3/8"	Full	200	SPA435	£11.62	£5.43	£4.60
	4 x 40	No.8 x 1 1/2"	Full	200	SPA440	£13.81	£6.46	£5.45
	4 x 45	No.8 x 1 3/4"	Full	200	SPA445	£15.59	£7.30	£6.17
	4 x 50	No.8 x 2"	Full	200	SPA450	£17.05	£7.98	£6.72
	4 x 60	No.8 x 2 1/2"	Full	100	SPA460	£15.06	£7.04	£5.93
	4 x 70	No.8 x 2 3/4"	Full	100	SPA470	£24.44	£11.44	£9.64
	4 x 80	No.8 x 3"	Full	200	SPA480	£50.11	£23.47	£18.68

4.5 mm [NO.9] SPAX WOOD SCREWS

Use a PZ2 Drive Bit [page 272]. 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.

4.5 mm	metric size	imperial equivalent	thread length	box qty	code	list price per box	our price per box	5+ boxes
	4.5 x 16	No.9 x 5/8"	Full	200	SPA4516	£10.46	£4.90	£4.33
	4.5 x 20	No.9 x 3/4"	Full	200	SPA4520	£11.54	£5.40	£4.83
	4.5 x 25	No.9 x 1"	Full	200	SPA4525	£12.66	£5.92	£5.31
	4.5 x 30	No.9 x 1 1/4"	Full	200	SPA4530	£13.81	£6.46	£5.78
	4.5 x 35	No.9 x 1 3/8"	Full	200	SPA4535	£15.09	£7.05	£6.32
	4.5 x 40	No.9 x 1 1/2"	Full	200	SPA4540	£16.64	£7.80	£6.98
	4.5 x 45	No.9 x 1 3/4"	Full	200	SPA4545	£21.33	£9.98	£8.97
	4.5 x 50	No.9 x 2"	Full	200	SPA4550	£22.15	£10.38	£9.28
	4.5 x 60	No.9 x 2 1/2"	Full	100	SPA4560	£14.21	£6.66	£5.95
	4.5 x 70	No.9 x 2 3/4"	Full	100	SPA4570	£24.44	£11.44	£10.24
	4.5 x 80	No.9 x 3"	Full	100	SPA4580	£27.37	£12.82	£11.48

5 mm [NO.10] SPAX WOOD SCREWS

Use a PZ2 Drive Bit [page 272]. 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.

5 mm	metric size	imperial equivalent	thread length	box qty	code	list price per box	our price per box	5+ boxes
	5 x 20	No.10 x 3/4"	Full	200	SPA520	£15.46	£7.23	£6.10
	5 x 25	No.10 x 1"	Full	200	SPA525	£15.68	£7.34	£6.19
	5 x 30	No.10 x 1 1/4"	Full	200	SPA530	£17.38	£8.13	£6.84
	5 x 35	No.10 x 1 3/8"	Full	200	SPA535	£20.21	£9.45	£7.98
	5 x 40	No.10 x 1 1/2"	Full	200	SPA540	£21.53	£10.07	£8.50
	5 x 45	No.10 x 1 3/4"	Full	200	SPA545	£24.23	£11.34	£9.57
	5 x 50	No.10 x 2"	Full	200	SPA550	£25.51	£11.95	£10.07
	5 x 55	No.10 x 2"	Full	100	SPA555	£14.41	£6.75	£5.70
	5 x 60	No.10 x 2 1/2"	Full	100	SPA560	£15.46	£7.23	£6.10
	5 x 70	No.10 x 2 3/4"	Full	100	SPA570	£21.93	£10.27	£8.66
	5 x 80	No.10 x 3"	Full	100	SPA580	£25.89	£12.12	£10.21
	5 x 90	No.10 x 3 1/2"	60 mm	100	SPA590	£35.72	£16.72	£14.09
	5 x 100	No.10 x 4"	60 mm	100	SPA5100	£40.51	£18.96	£17.01
	5 x 120	No.10 x 4 3/4"	69 mm	200	SPA5120	£164.89	£77.22	£65.21

6 mm [NO.12] SPAX WOOD SCREWS

Use a PZ3 Drive Bit [page 272]. This size of screw is used for securing rafters or for heavy construction work. The longest screws are partially threaded to improve performance.

6 mm	metric size	imperial equivalent	thread length	box qty	code	list price per box	our price per box	5+ boxes
	6 x 40	No.12 x 1 1/2"	Full	200	SPA640	£33.03	£15.47	£13.86
	6 x 50	No.12 x 2"	Full	100	SPA650	£18.59	£8.70	£7.80
	6 x 60	No.12 x 2 1/2"	Full	100	SPA660	£22.36	£10.47	£9.35
	6 x 70	No.12 x 2 3/4"	Full	100	SPA670	£27.42	£12.71	£11.38
	6 x 80	No.12 x 3"	Full	100	SPA680	£30.07	£14.08	£12.61
	6 x 100	No.12 x 4"	60 mm	100	SPA6100	£37.58	£17.60	£15.74
	6 x 120	No.12 x 4 3/4"	69 mm	100	SPA6120	£62.41	£29.22	£26.17

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



For our bestselling Wera Diamond Coated Bits see page 272.

SCREW SETS



Spax Xpert Screw Pack All the most popular screw sizes complete with a stout metal case with 12 pull-out compartments and safety catches. Perfect for tours and site work. Simple to order.

Screw Pack	weight	code	list	Tradeline
See below for contents	7 kg	SPAXPERT09	£65.19	£62.23

Each pack contains 200 of the following screws:

Screw Gauge	lengths in mm	approx in old money
3.5 [No.6]	20, 25, 30	3/4", 1", 1 1/4"
4 [No.8]	20, 25, 30, 35, 40 [x 2], 50	3/4", 1", 1 1/4", 1 3/8", 1 5/8", 2"
5 [No.10]	40, 50	1 5/8", 2"

815 pieces in total



Optimaxx Selecta Screw Set A great set. The grooved tip helps prevent splitting. We were impressed by the quality and the grab of the screws. Ideal for students. 815 pieces in total. New packaging. Set contains:

120 pcs 3.5 x 16	120 pcs 3.5 x 20	100 pcs 3.5 x 25
75 pcs 3.5 x 30	60 pcs 4.0 x 30	50 pcs 4.0 x 35
80 pcs 4.0 x 40	60 pcs 4.0 x 50	50 pcs 5.0 x 40
40 pcs 5.0 x 50	30 pcs 5.0 x 60	30 pcs 5.0 x 70

Optimaxx Selecta Screw Set	code	price
	FIXOPTSETN	£24.15



Spax Raaco 7 A really handy little container ideal for small tours with six different screw sizes plus a bit holder with three Spax bits.

Contains the following: PZ1 Bit, PZ2 Bit, PZ3 Bit, Bit Holder,

50 pcs 3.5 x 16	30 pcs 3.5 x 30	40 pcs 4.0 x 35
30 pcs 4.0 x 40	25 pcs 4.5 x 50	20 pcs 5.0 x 60

Spax Raaco 7 Screw Case	code	price
	SPARAAC07BIT	£13.58

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 4 mm and 5 mm screws use size T20 T-Star bits. Now anti-corrosion WIROX coated [Blue zinc plated A2].

T-Star	metric size	imperial equivalent	thread length	box qty	code	list price per box	our price per box	5+ price
	4 x 30	No.8 x 1 1/4"	Full	200	SPATS430W	£49.86	£4.31	£3.88
	4 x 40	No.8 x 1 1/2"	Full	200	SPATS440W	£69.03	£5.97	£5.36
	4 x 50	No.8 x 2"	Full	200	SPATS450W	£85.27	£7.37	£6.63
	5 x 40	No.10 x 1 1/2"	Full	200	SPATS540W	£107.63	£9.30	£8.36
	5 x 50	No.10 x 2"	Full	200	SPATS550W	£127.53	£11.02	£9.92
	5 x 60	No.10 x 2 1/2"	Full	100	SPATS560W	£154.61	£6.68	£6.00
	5 x 70	No.10 x 2 3/4"	Full	100	SPATS570W	£219.35	£9.48	£8.54

T-Star Bits Size T20 to fit the screws above.

T-Star Bits	code	list	price
Pack of 5	SPAT20	£14.82	£6.05

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.

Self-Tapping Screws

No.8 [4.2 mm]	box qty	csk code	price per box	5+ boxes	pan code	price per box
1/2" [13 mm]	1,000	SCR661	£7.84	£6.55	SCR623P	£9.59
3/4" [19 mm]	1,000	SCR662	£9.90	£8.27	SCR625P	£11.79
1" [25 mm]	1,000	SCR663	£12.48	£10.43	SCR626P	£14.49
1 1/4" [32 mm]	1,000	SCR665	£15.47	£12.93	SCR627P	£18.25
1 1/2" [38 mm]	1,000	SCR664	£17.29	£14.45	SCR628P	£19.71
No.10 (4.73 mm)						
3/4" [19 mm]	1,000	SCR668	£13.35	£11.15	SCR635P	£15.87
1" [25 mm]	1,000	SCR670	£15.92	£13.30	SCR636P	£19.01
1 1/4" [32 mm]	1,000	SCR672	£19.52	£16.31	SCR637P	£23.72
1 1/2" [38 mm]	500	SCR674	£11.70	£9.77	-	-
1 3/4" [45 mm]	500	SCR676	£14.62	£12.22	-	-
2" [50 mm]	500	SCR640	£15.70	£13.11	-	-

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 255 for Drills.

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

SELF-DRILLING



Self-Drilling Hex Head Screws [BZP] For securing cladding to steelwork 1.2 - 3.0 mm thick. 8 mm hex head

Self-Drilling Hex Head Screws	box qty	code	price
5.5 x 25 mm	100	FIX55025	£5.12
5.5 x 32 mm	100	FIX55032	£5.26
5.5 x 38 mm	100	FIX55038	£5.96



Bugle Head Self-Drill Points [BZP] The self-drill point drives straight into a light metal tube without pre-drilling.

Bugle Head Self-Drill Points	box qty	code	price
3.5 x 25 mm	1,000	SCR3525D	£8.50
3.5 x 32 mm	1,000	SCR3532D	£9.95
3.5 x 38 mm	1,000	SCR3538D	£11.28
3.5 x 42 mm	1,000	SCR3542D	£12.59
3.5 x 50 mm	1,000	SCR3550D	£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.

Toggle Rail Screws	box qty	code	price
No.12 x 2 1/2"	100	FIXSTSW1225	£12.25

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 231].

Screw Eyes	length A	gauge	Ø	box qty	code	price	200+
	25 mm	4	7 mm	200	FIX3152	£0.07	£0.05
	30 mm	6	8 mm	200	FIX3153	£0.08	£0.06
	35 mm	8	10 mm	200	FIX3155	£0.09	£0.07
	40 mm	8	10 mm	200	FIX3157	£0.10	£0.08
100+							
	45 mm	10	12 mm	100	FIX3159	£0.16	£0.12
	55 mm	12	14 mm	100	FIX3161	£0.20	£0.16
	65 mm	14	16 mm	100	FIX3163	£0.29	£0.22
50+							
	75 mm	18	20 mm	50	FIX3164	£0.46	£0.35

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.

Turned Brass Screw Cups	box qty	code	price	200+
Gauge: No.8 screw	200	FIX9151	£0.22	£0.18
Gauge: No.10 screw	200	FIX9152	£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.

Pressed Surface Screw Cups	code	price
suits screws		
Gauge: 6	500	FIX9155 £11.98
Gauge: 7 - 8	500	FIX9156 £16.30
Gauge: 9 - 10	500	FIX9157 £18.78

For Coach Screws see page 241.
For Hammer-In Fixings see page 243.

Screw Gauges into Millimetres

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