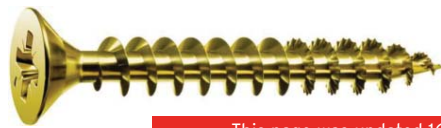



SCREWS



This page was updated 16/06/11

Flints stock 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-s 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-S 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.

See next page for Spax screw packs!

3mm (No4) Spax Wood Screws

Use a PZ1 size drive bit [see page 3.15]. This size of screw is normally used for very small fittings such as piano hinges.

Metric size	imperial equiv.	code	thread length	list price per 1000	Flints price per 1000	box quant.	Flints price per box
3x12	No4x $\frac{1}{2}$ "	SPA312	Full	£22.95	£9.70	200	£2.14
3x16	No4x $\frac{3}{8}$ "	SPA316	Full	£23.45	£9.80	200	£2.19
3x20	No4x $\frac{1}{4}$ "	SPA320	Full	£25.20	£10.50	200	£2.35
3x25	No4x1"	SPA325	Full	£28.00	£11.80	200	£2.61
3x30	No4x1 $\frac{1}{4}$ "	SPA330	Full	£37.25	£15.70	200	£3.48
3x35	No4x1 $\frac{3}{8}$ "	SPA335	Full	£42.05	£17.60	200	£3.93
3x40	No4x1 $\frac{1}{2}$ "	SPA340	Full	£56.90	£23.80	200	£5.32

3.5mm (No6) Spax Wood Screws

Use a PZ2 size drive bit [see page 3.15]. This size of screw is normally used for small fittings such as door furniture.

Metric size	imperial equivalent	code	thread length	list price per 1000	Flints price per 1000	box quant.	Flints price per box
3.5x12	No6x $\frac{1}{2}$ "	SPA3512	Full	£28.25	£11.90	200	£2.64
3.5x16	No6x $\frac{3}{8}$ "	SPA3516	Full	£28.45	£12.10	200	£2.66
3.5x20	No6x $\frac{1}{4}$ "	SPA3520	Full	£31.85	£13.50	200	£2.98
3.5x25	No6x1"	SPA3525	Full	£34.15	£14.40	200	£3.19
3.5x30	No6x1 $\frac{1}{4}$ "	SPA3530	Full	£37.75	£14.80	200	£3.53
3.5x35	No6x1 $\frac{3}{8}$ "	SPA3535	Full	£46.65	£19.60	200	£4.36
3.5x40	No6x1 $\frac{1}{2}$ "	SPA3540	Full	£53.75	£22.70	200	£5.03
3.5x45	No6x1 $\frac{3}{8}$ "	SPA3545	Full	£84.95	£35.60	200	£7.94
3.5x50	No6x2"	SPA3550	Full	£93.00	£39.00	200	£8.71

4mm (No8) Spax Wood Screws

Use PZ2 bits [see p3.15] The most popular size for scenery building, the narrow shank being unlikely to split timber. They also fit $\frac{1}{2}$ " & $\frac{1}{4}$ " pin hinges. The longest screws are part threaded to improve performance.

Metric size	imperial equiv.	code	thread length	list price per 1000	Flints price per 1000	box quant.	Flints price per box
4x16	No8x $\frac{3}{8}$ "	SPA416	Full	£33.65	£13.20	200	£3.14
 4x20	No8x $\frac{1}{4}$ "	SPA420	Full	£37.00	£14.70	200	£3.45
 4x25	No8x1"	SPA425	Full	£42.05	£16.70	200	£3.93
 4x30	No8x1 $\frac{1}{4}$ "	SPA430	Full	£44.45	£17.60	200	£4.16
 4x35	No8x1 $\frac{3}{8}$ "	SPA435	Full	£51.80	£20.50	200	£4.84
 4x40	No8x1 $\frac{1}{2}$ "	SPA440	Full	£61.55	£24.30	200	£5.76
 4x45	No8x1 $\frac{3}{4}$ "	SPA445	Full	£69.50	£27.50	200	£6.50
 4x50	No8x2"	SPA450	Full	£76.05	£30.00	200	£7.11
 4x60	No8x2 $\frac{1}{2}$ "	SPA460	Full	£134.35	£52.90	100	£6.28
4x70	No8x2 $\frac{3}{4}$ "	SPA470	42mm	£218.00	£86.00	100	£10.21
4x80	No8x3"	SPA480	49mm	£223.55	£88.30	200	£20.93


4.5mm (No9) Spax Wood Screws

Use PZ2 bits [p 3.15]. No9 screws were very obscure so most of our clients choose a metric equivalent to No8 or No10, however this range of 4.5mm 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.

Metric size	imperial equiv.	code	thread length	list price per 1000	Flints price per 1000	box quantity	Flints price per box
4.5x16	No9x $\frac{3}{8}$ "	SPA4516	Full	£46.65	£19.30	200	£4.36
4.5x20	No9x $\frac{1}{4}$ "	SPA4520	Full	£51.45	£21.60	200	£4.81
4.5x25	No9x1"	SPA4525	Full	£56.45	£23.70	200	£5.28
4.5x30	No9x1 $\frac{1}{4}$ "	SPA4530	Full	£61.55	£25.80	200	£5.76
4.5x35	No9x1 $\frac{3}{8}$ "	SPA4535	Full	£67.30	£28.20	200	£6.29
4.5x40	No9x1 $\frac{1}{2}$ "	SPA4540	Full	£74.25	£31.10	200	£6.95
4.5x45	No9x1 $\frac{3}{4}$ "	SPA4545	Full	£95.10	£40.00	200	£8.90
4.5x50	No9x2"	SPA4550	Full	£98.80	£41.40	200	£9.25
4.5x60	No9x2 $\frac{1}{2}$ "	SPA4560	Full	£126.75	£53.10	100	£5.93
4.5x70	No9x2 $\frac{3}{4}$ "	SPA4570	Full	£218.00	£91.40	100	£10.21
4.5x80	No9x3"	SPA4580	49mm	£244.15	£102.40	100	£11.43

5mm (No10) Spax Wood Screws

Use PZ2 bits [page 3.15]. A popular size in the longer lengths for scenery building, the heavier gauge adds strength. The longest screws are part threaded to improve performance.

Metric size	imperial equivalent	code	thread length	list price per 1000	Flints price per 1000	box quant.	Flints price per box
5x20	No10x $\frac{3}{4}$ "	SPA520	Full	£68.95	£27.20	200	£6.45
5x25	No10x1"	SPA525	Full	£69.95	£27.60	200	£6.54
 5x30	No10x1 $\frac{1}{4}$ "	SPA530	Full	£77.50	£30.50	200	£7.25
5x35	No10x1 $\frac{3}{8}$ "	SPA535	Full	£90.10	£35.60	200	£8.43
 5x40	No10x1 $\frac{1}{2}$ "	SPA540	Full	£96.00	£37.90	200	£8.98
 5x45	No10x1 $\frac{3}{4}$ "	SPA545	Full	£108.05	£42.70	200	£10.11
 5x50	No10x2"	SPA550	Full	£113.75	£44.90	200	£10.65
5x55	No10x2 $\frac{1}{4}$ "	SPA555	Full	£128.55	£50.80	100	£6.02
 5x60	No10x2 $\frac{1}{2}$ "	SPA560	Full	£137.90	£54.40	100	£6.45
5x70	No10x2 $\frac{3}{4}$ "	SPA570	Full	£195.70	£77.30	100	£9.16
5x80	No10x3"	SPA580	Full	£230.95	£91.10	100	£10.81
5x90	No10x3 $\frac{1}{2}$ "	SPA590	60mm	£318.65	£125.70	100	£14.92
5x100	No10x4"	SPA5100	60mm	£361.40	£151.80	100	£16.92
5x120	No10x4 $\frac{1}{4}$ "	SPA5120	69mm	£735.55	£290.90	200	£68.89

6mm (No12) Spax Wood Screws

Use a PZ3 bit [page 3.15]. This size of screw is used for securing rafters or for heavy construction work. The longest screws are partially threaded to improve performance.

Metric size	imperial equiv.	code	thread length	list price per 1000	Flints price per 1000	box quantity	Flints price per box
6x40	No12x1 $\frac{1}{2}$ "	SPA640	Full	£147.30	£61.80	200	£13.79
6x45	No12x1 $\frac{3}{4}$ "	SPA645	Full	£147.30	£61.90	500	£34.47
6x50	No12x2"	SPA650	Full	£165.85	£69.60	100	£7.76
6x60	No12x2 $\frac{1}{2}$ "	SPA660	Full	£199.45	£83.50	100	£9.34
6x70	No12x2 $\frac{3}{4}$ "	SPA670	Full	£244.65	£101.50	100	£11.34
6x80	No12x3"	SPA680	Full	£268.25	£112.50	100	£12.56
6x100	No12x4"	SPA6100	60mm	£361.40	£140.50	100	£15.70
6x120	No12x4 $\frac{1}{4}$ "	SPA6120	69mm	£556.80	£233.50	100	£26.07
6x150	No12x6"	SPA6150	69mm	£800.65	£335.80	100	£37.49

SPAX XPERT SERIES SCREW PACKS

new



Spax Xpert Screw Packs 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. Weight 7kg.

Screw Pack	code	each
See below for contents	SPAXPERT09	£59.40

Each pack contains 200 of the following screws:

Screw Gauge	lengths in mm	approx in old money
3.5 (No6)	20, 25, 30	3/4", 1", 1 1/4"
4 (No8)	20, 25, 30, 35, 40, 50	3/4", 1", 1 1/4", 1 3/8", 1 1/2" 2"
5 (No10)	40, 50	1 5/8" 2"

new



Spax Pro-sort Screw Case A tough metal container with the following screws: 100 3.5x25, 100 3.5x30, 150 3.5x40, 200 4x25, 150 4x30, 150 4x40, 100 4x50, 100 5x40, 100 5x50, 100 5x60 and 100 5x80.

Spax Pro-sort Screw Case	code	each
	SPACASE	£57.80

DIAMOND COATED DRIVE BITS



See page 3.15 for full details of our range of exceptional high quality Drive Bits.

SELF TAPPING SCREWS



Self Tapping Screws [BS4174] Our pozidrive 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 at the top of the following column as Bugle Head Self Drill Screws.

Self Tapping Screws

No8 (4.16mm)	code csk	code pan	per 10	boxed in	per box
1/2" (13mm)	SCR661	SCR623P	£0.24	1000	£8.00
3/4" (19mm)	SCR662	SCR625P	£0.29	1000	£10.00
1" (25mm)	SCR663	SCR626P	£0.39	1000	£13.00
1 1/4" (32mm)	SCR665	SCR627P	£0.47	1000	£15.00
1 1/2" (38mm)	SCR664	SCR628P	£0.51	1000	£17.00
No10 (4.73mm)					
3/4" (19mm)	SCR668	SCR635P	£0.39	1000	£14.00
1" (25mm)	SCR670	SCR636P	£0.42	1000	£17.00
1 1/4" (32mm)	SCR672	SCR637P	£0.48	1000	£23.00
1 1/2" (38mm)	SCR674	SCR638P	£0.59	500	£12.00
1 3/4" (45mm)	SCR676	SCR676P	£0.80	500	£16.00
2" (50mm)	SCR640	SCR640P	£0.80	500	£16.00

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 p3.13 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[1/8, "]	3.7mm
1.62mm or 16g	3.4mm	3.8mm
3.18mm or 1/8, "	3.8mm	4.3mm

TOGGLE SCREWS

new

Toggle Rail Screws Modern fast driving screws aren't ideal for drawing two items together. We stock this size of conventional wood-screw specifically for use with toggle shoes. They are slotted. Gulp!

Toggle rail screws	box quantity	code	price
No12x2 1/2"	100	FIXSTSW1225	£5.80

SELF DRILLING SCREWS



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

Drill and screw in one



Bugle Head	quantity	code	price
3.5 x 25	1000	SCR3525D	£17.68
3.5 x 32	1000	SCR3532D	£21.26
3.5 x 38	1000	SCR3538D	£23.31
3.5 x 42	1000	SCR3542D	£25.95
3.5 x 50	1000	SCR3550D	£29.79
3.5 x 55	1000	SCR3555D	£35.34

This catalogue can be downloaded in handy sections from the "Our Catalogue" section of our website - flints.co.uk

SCREW EYES AND CUPS

Screw Eyes The most popular screw eyes for use with stage braces are 55x12g. See also the Hook and Eye Sets on page 2.68.

Screw Eyes	length A	gauge	dia	packed in	code	each	per pack
	25mm	4	7mm	200	FIX3152	£0.07	£10.00
	30mm	6	8mm	200	FIX3153	£0.08	£12.00
	35mm	8	10mm	200	FIX3155	£0.09	£13.00
	40mm	8	10mm	200	FIX3157	£0.10	£15.00
	45mm	10	14mm	200	FIX3159	£0.16	£24.00
	55mm	12	16mm	100	FIX3161	£0.20	£16.00
	65mm	14	18mm	100	FIX3163	£0.29	£22.00
	75mm	18	20mm	100	FIX3164	£0.46	£35.00

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	code	per 10	per 200
Gauge: 6	FIX9150	£1.95	£32.00
Gauge: 8	FIX9151	£2.20	£36.00
Gauge: 10	FIX9152	£3.50	£38.00



Pressed Surface Screw Cup Brass A fitting designed to receive a countersunk screw. For applications where the fixing is featured. Also available in Stainless Steel to order.

Pressed Surface Screw Cups	code	per 500
Gauge: 4-5	FIX9154	£4.77
6	FIX9155	£6.97
7-8	FIX9156	£8.96
9-10	FIX9157	£22.43
11-12	FIX9158	£31.81