

BOLTS & SET SCREWS

Flints stocks a wide range of bolts and set screws. The most popular sizes are listed here. Our distributor holds thousands of tons of stock so if you can't find the item you need, give us a ring and we will order it for you. The bolts and set screws are all Grade 8.8 high tensile. They conform to DIN933 [set screws] and DIN931 [bolts]. Set screws are simply fully threaded bolts. All the bolts and set screws we stock are zinc-plated, we can get self-colour in next day if you require. Zinc-plated bolts are ideal for touring shows as your crew can keep their hands clean and avoid making nasty marks on the white felt flats [see White Cotton Gloves page 323]. Flints can also supply bolts and sets in stainless steel [A4 and A2], please phone with your requirements.

M6 SET SCREWS & BOLTS

M6 bolts and set screws take a 10 mm socket. All bolts and set screws are bright zinc-plated [BZP] – recommended for touring.



M6 Set Screws DIN 933

M6 Bolts DIN 931

M6	code	price	100+	box qty	code	price	100+	box qty
20 mm	FIX8502Z	£0.05	£0.03	500	-	-	-	-
25 mm	FIX8504Z	£0.06	£0.04	500	-	-	-	-
30 mm	FIX8506Z	£0.06	£0.04	500	-	-	-	-
35 mm	FIX8508Z	£0.07	£0.05	200	FIX7508Z	£0.07	£0.04	200
40 mm	FIX8510Z	£0.07	£0.05	200	FIX7510Z	£0.07	£0.04	200
50 mm	FIX8514Z	£0.09	£0.06	200	FIX7514Z	£0.08	£0.05	200
60 mm	FIX8518Z	£0.10	£0.06	200	FIX7518Z	£0.08	£0.05	200
70 mm	FIX8522Z	£0.12	£0.09	200	FIX7522Z	£0.11	£0.07	200
75 mm	FIX8524Z	£0.14	£0.10	200	-	-	-	-
80 mm	-	-	-	-	FIX7526Z	£0.14	£0.10	200
90 mm	-	-	-	-	FIX7528Z	£0.15	£0.10	100
100 mm	FIX8530Z	£0.17	£0.12	100	FIX7530Z	£0.16	£0.11	100

M8 SET SCREWS AND BOLTS

M8 bolts and set screws take a 13 mm socket. The M8 x 90 mm BZP bolt [FIX7572Z] is used to join Triple E Unitrack. All bolts and set screws are bright zinc-plated – recommended for touring.

Need 316-grade stainless fixings – just ask!



M8 Set Screws DIN 933

M8 Bolts DIN 931

M8	code	price	100+	box qty	code	price	100+	box qty
20 mm	FIX8546Z	£0.07	£0.05	200	-	-	-	-
25 mm	FIX8548Z	£0.08	£0.06	200	-	-	-	-
30 mm	FIX8550Z	£0.08	£0.06	200	-	-	-	-
35 mm	FIX8552Z	£0.09	£0.07	200	FIX7552Z	£0.12	£0.10	500
40 mm	FIX8554Z	£0.10	£0.07	200	FIX7554Z	£0.12	£0.10	200
50 mm	FIX8558Z	£0.11	£0.08	200	FIX7558Z	£0.14	£0.12	200
60 mm	FIX8562Z	£0.11	£0.08	200	FIX7562Z	£0.16	£0.13	200
70 mm	FIX8566Z	£0.15	£0.10	200	FIX7566Z	£0.17	£0.14	200
75 mm	FIX8568Z	£0.23	£0.15	200	FIX7568Z	£0.20	£0.16	200
80 mm	FIX8570Z	£0.16	£0.11	100	FIX7570Z	£0.21	£0.17	200
90 mm	FIX8572Z	£0.20	£0.14	100	FIX7572Z	£0.22	£0.18	200
100 mm	FIX8574Z	£0.25	£0.18	100	FIX7574Z	£0.25	£0.20	200
110 mm	-	-	-	-	FIX7576Z	£0.27	£0.22	200
120 mm	-	-	-	-	FIX7578Z	£0.32	£0.26	100

M10 SET SCREWS AND BOLTS

M10 bolts and set screws take a 17 mm socket. For Steeldeck use M10 x 65 mm bolts and for Megadeks use M10 x 120 mm bolts. Hanging clamps use M10 x 40 mm bolts. All bolts and set screws are bright zinc-plated – recommended for touring.

All the fixings listed here are Grade 8.8 high tensile



M10 Set Screws DIN 933

M10 Bolts DIN 931

M10	code	price	100+	box qty	code	price	100+	box qty
20 mm	FIX8592Z	£0.13	£0.09	200	-	-	-	-
25 mm	FIX8594Z	£0.14	£0.10	200	-	-	-	-
30 mm	FIX8596Z	£0.14	£0.10	200	-	-	-	-
35 mm	FIX8598Z	£0.14	£0.10	100	-	-	-	-
40 mm	FIX8600Z	£0.15	£0.11	100	FIX7600Z	£0.16	£0.14	100
45 mm	FIX8602Z	£0.17	£0.12	100	FIX7602Z	£0.17	£0.15	100
50 mm	FIX8604Z	£0.17	£0.12	100	FIX7604Z	£0.19	£0.16	100
60 mm	FIX8608Z	£0.21	£0.14	100	FIX7608Z	£0.21	£0.17	100
65 mm	FIX8610Z	£0.25	£0.18	100	FIX7610Z	£0.23	£0.19	100
70 mm	FIX8612Z	£0.23	£0.15	100	FIX7612Z	£0.24	£0.21	100
75 mm	FIX8614Z	£0.27	£0.19	100	FIX7614Z	£0.25	£0.22	100
80 mm	FIX8616Z	£0.27	£0.19	100	FIX7616Z	£0.25	£0.22	100
90 mm	FIX8618Z	£0.32	£0.22	100	FIX7618Z	£0.29	£0.24	100
100 mm	FIX8620Z	£0.30	£0.21	100	FIX7620Z	£0.34	£0.27	100
110 mm	-	-	-	-	FIX7622Z	£0.37	£0.33	50
120 mm	-	-	-	-	FIX7624Z	£0.35	£0.27	100
130 mm	-	-	-	-	FIX7626Z	£0.39	£0.36	100
150 mm	-	-	-	-	FIX7628Z	£0.47	£0.42	50

M12 SET SCREWS AND BOLTS

M12 bolts and set screws take a 19 mm socket. All bolts and set screws are bright zinc-plated – recommended for touring.



M12 Set Screws DIN 933

M12 Bolts DIN 931

M12	code	price	100+	box qty	code	price	100+	box qty
25 mm	FIX8654Z	£0.18	£0.13	100	-	-	-	-
30 mm	FIX8656Z	£0.20	£0.14	100	-	-	-	-
35 mm	FIX8658Z	£0.20	£0.14	100	-	-	-	-
40 mm	FIX8660Z	£0.22	£0.15	100	FIX7660Z	£0.23	£0.18	100
50 mm	FIX8664Z	£0.25	£0.17	100	FIX7664Z	£0.24	£0.21	100
60 mm	FIX8668Z	£0.30	£0.23	100	FIX7668Z	£0.29	£0.25	100
65 mm	FIX8670Z	£0.31	£0.24	100	-	-	-	-
70 mm	FIX8672Z	£0.32	£0.26	50	FIX7672Z	£0.33	£0.28	50
75 mm	FIX8674Z	£0.35	£0.27	50	-	-	-	-
80 mm	FIX8676Z	£0.40	£0.29	50	FIX7676Z	£0.32	£0.26	50
90 mm	FIX8678Z	£0.38	£0.28	50	FIX7678Z	£0.39	£0.35	50
100 mm	FIX8680Z	£0.50	£0.34	50	FIX7680Z	£0.46	£0.39	50
120 mm	-	-	-	-	FIX7684Z	£0.45	£0.38	50
140 mm	-	-	-	-	FIX7688Z	£0.60	£0.54	50
150 mm	-	-	-	-	FIX7690Z	£0.63	£0.56	50



Visit Podgertropolis online for a huge selection of podgers and quad spanners flints.co.uk

NUTS & WASHERS

Steel Full Hex Nuts DIN 934 Our standard nuts are bright zinc-plated but self-colour nuts can be ordered as specials. We can also order imperial nuts, please phone Customer Services.

Hex Nuts	size	socket	depth	code	price	100+	1,000+
	M4	7 mm	3.2 mm	FIX1002Z	£0.03	£0.02	£0.01
	M5	8 mm	4 mm	FIX1004Z	£0.03	£0.02	£0.01
	M6	10 mm	5 mm	FIX1006Z	£0.04	£0.02	£0.01
	M8	13 mm	6.5 mm	FIX1010Z	£0.05	£0.03	£0.02
	M10	17 mm	8 mm	FIX1012Z	£0.07	£0.04	£0.03
	M12	19 mm	10 mm	FIX1014Z	£0.11	£0.07	£0.06
	M14	22 mm	11 mm	FIX1013Z	£0.17	£0.13	£0.10
	M16	24 mm	13 mm	FIX1015Z	£0.20	£0.15	£0.12
	M20	30 mm	16 mm	FIX1016Z	£0.45	£0.28	£0.23

Steel Nylon Insert Nuts DIN 982 Type P [Nyloks]

A nut with a plastic insert which deforms on the thread increasing the friction and applying a compressive force which effectively prevents the nut from working loose. There is some debate as to whether these nuts should be re-used. Certainly after a few uses the effectiveness can be felt to be reduced. They are not suitable in temperatures above about 120°C when single coil or shakeproof washers are preferred.


The M4 size is DIN 985 Type T. Bright zinc-plated.

Lock Nuts	size	socket	OA depth	code	price	100+	1,000+
	M4	7 mm	5 mm	FIX1020	£0.03	£0.02	£0.01
	M5	8 mm	6.3 mm	FIX1022	£0.03	£0.02	£0.01
	M6	10 mm	8 mm	FIX1024	£0.04	£0.03	£0.02
	M8	13 mm	9.5 mm	FIX1026	£0.05	£0.04	£0.03
	M10	17 mm	11.5 mm	FIX1028	£0.09	£0.06	£0.05
	M12	19 mm	14 mm	FIX1030	£0.14	£0.09	£0.08
	M14	22 mm	16 mm	FIX1031	£0.27	£0.18	£0.15
	M16	24 mm	18 mm	FIX1032	£0.34	£0.23	£0.20

Type D Inserts Unique external threads assure positive locking and strong resistance to torsion or vibration. Self-tapping body with hex drive for quick and reliable fixing in any wood.

Type D Inserts	size	pilot hole	length	code	price	100+
	M5	8 mm	13 mm	FIXOD0105M	£0.13	£0.10
	M6	9 mm	13 mm	FIXOD0107M	£0.13	£0.11
	M6	9 mm	20 mm	FIXOD0208M	£0.15	£0.12
	M8	11.5 mm	13 mm	FIXOD0501M	£0.15	£0.12
	M8	11.5 mm	25 mm	FIXOD0503M	£0.20	£0.18
	M10	12.5 mm	13 mm	FIXSKDZ1310	£0.16	£0.14
	M10	12.5 mm	25 mm	FIXSKDZ2510	£0.25	£0.22

Wing Nuts For Wing Bolts see page 241.

Wing Nuts	size	code	price	100+
	M5	FIX1044	£0.08	£0.06
	M6	FIX1046	£0.10	£0.08
	M8	FIX1048	£0.13	£0.10
	M10	FIX1050	£0.20	£0.14
	M12	FIX1052	£0.43	£0.29

Dome Nuts A neat way to secure fittings. Bright zinc-plated. Please ask if you require stainless steel.

Dome Nuts	size	code	price	box qty	100+
	M6	FIX1006DBZP	£0.18	200	£0.16
	M8	FIX1010DBZP	£0.18	100	£0.16
	M10	FIX1012DBZP	£0.36	100	£0.32

T-NUTS



T-Nuts Simply drill a hole in your timber to accommodate the shank of this fitting and hammer it home! It provides a captive nut that is held in place by the prongs. Ensure that you fix the nut so the bolt pulls against the prongs.

T-Nuts	size	depth	code	price	100+	1000+
	M5	9 mm	FIX9181	£0.06	£0.05	£0.04
	M6	9 mm	FIX9182	£0.07	£0.06	£0.05
	M8	11 mm	FIX9183	£0.10	£0.08	£0.07
	M10	13 mm	FIX9184	£0.13	£0.11	£0.09

WASHERS



Form A Washers DIN 125A Form A washers are regarded as the standard washer. Form B washers are slightly thinner. We have now included the overall diameter and thickness in the table below. Bright zinc-plated.

Form A Washers	size	Ø	thickness	code	price	100+
	M4	9 mm	0.8 mm	FIX1072	£0.02	£0.01
	M5	10 mm	1.0 mm	FIX1074	£0.02	£0.01
	M6	12 mm	1.6 mm	FIX1076	£0.02	£0.01
	M8	16 mm	1.6 mm	FIX1078	£0.03	£0.02
	M10	20 mm	2.0 mm	FIX1080	£0.05	£0.04
	M12	24 mm	2.5 mm	FIX1082	£0.08	£0.07
	M16	30 mm	3.0 mm	FIX1084	£0.25	£0.18


Spikey Washers Stops bolts from chewing up the wood. Suitable for M10. Quick to fit making fit-ups faster.




Spikey Washers	code	price	100+
M10	FIXSWM10	£0.19	£0.15




Square Plate Washers Often used as anti-crush plates on thin-gauge square tubes. Self-colour for welding.

Square Plate	size	metric	code	price	100+
	M10	50 x 50 mm	FIX1250	£0.26	£0.23
	M12	50 x 50 mm	FIX1252	£0.28	£0.25
	M12	40 x 40 mm	FIX1251	£0.25	£0.21

Mudguard Washers Bright zinc-plated.

Mudguard Washers	metric	imperial	code	price	100+
	5 x 25 mm	3/16" x 1"	FIX1104	£0.06	£0.04
	6 x 30 mm	1/4" x 1 1/4"	FIX1106	£0.08	£0.06
	8 x 40 mm	5/16" x 1 1/2"	FIX1108	£0.13	£0.09
	10 x 40 mm	3/8" x 1 1/2"	FIX1110	£0.12	£0.08

Single Coil Washers DIN 7980 [Spring Coil Washer]

Single Coil Washers	size	code	price	100+
	M4	FIX1112	£0.02	£0.01
	M5	FIX1114	£0.02	£0.01
	M6	FIX1116	£0.02	£0.01
	M8	FIX1118	£0.02	£0.01
	M10	FIX1120	£0.04	£0.03
	M12	FIX1122	£0.04	£0.03

Shakeproof Washers

Shakeproof Washers	size	code	price	100+
	M6	FIX1142	£0.02	£0.01
	M8	FIX1144	£0.03	£0.02
	M10	FIX1146	£0.04	£0.03
	M12	FIX1148	£0.08	£0.05

COACH BOLTS



Coach Bolts [Carriage Bolts] DIN 603/555 Intended as a fixing for a wooden surface, either wood-to-wood or wood-to-metal.

The bolt is applied to the pilot hole and the nut, when tightened, draws the square section shank into the hole and locks it in, leaving a simple domed-head finish. To reinforce holes when bolts are being used repeatedly use our special Bolt Plates [page 132]. Our coach bolts are bright zinc-plated.

Coach Bolt M6

Coach Bolts	code	price	100+	box qty
20 mm	FIX202	£0.09	£0.07	200
25 mm	FIX204	£0.08	£0.06	200
30 mm	FIX206	£0.09	£0.07	200
35 mm	FIX207	£0.09	£0.07	200
40 mm	FIX208	£0.10	£0.08	200
45 mm	FIX210	£0.08	£0.06	200
50 mm	FIX212	£0.10	£0.08	200
55 mm	FIX214	£0.10	£0.08	200
60 mm	FIX215	£0.13	£0.09	200
65 mm	-	-	-	-
70 mm	FIX217	£0.14	£0.10	200
75 mm	FIX218	£0.15	£0.11	200
80 mm	-	-	-	-
90 mm	-	-	-	-
100 mm	FIX222	£0.18	£0.15	100
110 mm	-	-	-	-
130 mm	-	-	-	-

Coach Bolt M8

code	price	100+	box qty
FIX231	£0.12	£0.10	200
FIX232	£0.11	£0.09	200
FIX234	£0.14	£0.11	200
-	-	-	-
FIX236	£0.17	£0.15	200
FIX237	£0.16	£0.14	200
FIX238	£0.16	£0.14	200
FIX240	£0.14	£0.11	200
FIX241	£0.16	£0.14	200
FIX242	£0.17	£0.15	200
FIX243	£0.18	£0.15	200
FIX244	£0.19	£0.16	200
FIX245	£0.21	£0.18	200
FIX246	£0.23	£0.19	100
FIX248	£0.31	£0.26	100
FIX250	£0.31	£0.26	100
FIX252	£0.34	£0.29	100

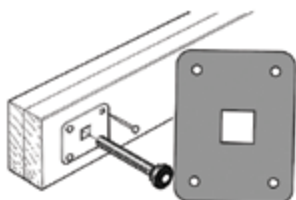
Coach Bolt M10

Coach Bolts	code	price	100+	box qty
25 mm	FIX262	£0.26	£0.22	200
30 mm	FIX264	£0.22	£0.19	200
40 mm	FIX266	£0.23	£0.21	100
50 mm	FIX268	£0.26	£0.23	100
55 mm	FIX270	£0.26	£0.23	100
60 mm	FIX272	£0.30	£0.27	100
65 mm	FIX274	£0.28	£0.25	100
70 mm	FIX276	£0.31	£0.28	100
75 mm	FIX278	£0.25	£0.22	100
80 mm	FIX280	£0.33	£0.30	100
90 mm	FIX282	£0.40	£0.36	100
100 mm	FIX284	£0.38	£0.32	100
110 mm	FIX286	£0.45	£0.40	50
130 mm	FIX288	£0.45	£0.40	50
140 mm	FIX290	£0.62	£0.56	50
150 mm	FIX292	£0.52	£0.47	50
160 mm	FIX293	£0.90	£0.60	50
180 mm	FIX294	£0.88	£0.58	50
200 mm	FIX295	£1.17	£0.78	50
300 mm	-	-	-	-

Coach Bolt M12

code	price	100+	box qty
-	-	-	-
-	-	-	-
-	-	-	-
FIX304	£0.41	£0.36	400
-	-	-	-
FIX306	£0.57	£0.51	400
FIX308	£0.44	£0.39	200
-	-	-	-
-	-	-	-
FIX312	£0.57	£0.38	200
-	-	-	-
FIX316	£0.51	£0.46	200
FIX318	£0.57	£0.49	200
FIX320	£0.65	£0.58	200
-	-	-	-
FIX324	£0.90	£0.60	150
FIX325	£1.31	£0.88	100
FIX326	£1.11	£0.74	75
FIX327	£1.40	£0.93	75
FIX334	£1.64	£1.41	75

For Lanoguard – anhydrous lanolin – to protect against corrosion see page 169.



To protect your scenery use our popular bolt plates [page 132].

COACH SCREWS



Coach Screws DIN 571 Hexagonal-head metric coach screws that are bright zinc-plated. The hex head style, unlike the old square ones, has the advantage that they can be driven with standard sockets.

The hex head style, unlike the old square ones, has the advantage that they can be driven with standard sockets.

Coach Screw M6

Coach Screws	code	price	100+	box qty
25 mm	FIX402H	£0.04	£0.03	200
30 mm	FIX403H	£0.06	£0.04	200
40 mm	FIX404H	£0.07	£0.05	200
50 mm	FIX406H	£0.07	£0.06	200
60mm	-	-	-	-
75 mm	FIX410H	£0.11	£0.08	200
90 mm	FIX412H	£0.11	£0.09	100
110 mm	-	-	-	-
150 mm	-	-	-	-

Coach Screw M8

code	price	100+	box qty
FIX422H	£0.08	£0.06	200
FIX423H	£0.08	£0.07	200
-	-	-	-
FIX426H	£0.13	£0.10	200
FIX428H	£0.15	£0.11	200
FIX430H	£0.17	£0.14	200
FIX432H	£0.18	£0.14	100
FIX434H	£0.19	£0.15	100
FIX436H	£0.28	£0.22	50

Coach Screw M10

Coach Screws	code	price	100+	box qty
30 mm	FIX442H	£0.15	£0.11	100
40 mm	FIX444H	£0.21	£0.15	100
50 mm	FIX446H	£0.20	£0.14	100
60 mm	FIX447H	£0.26	£0.18	100
75 mm	FIX450H	£0.26	£0.19	100
90 mm	FIX452H	£0.30	£0.22	100
110 mm	FIX454H	£0.35	£0.25	50
130 mm	FIX456H	£0.42	£0.30	50
150 mm	FIX458H	£0.52	£0.37	50

Coach Screw M12

code	price	100+	box qty
-	-	-	-
-	-	-	-
FIX464H	£0.29	£0.20	100
FIX466H	£0.32	£0.23	100
FIX468H	£0.42	£0.30	50
FIX470H	£0.45	£0.32	50

THUMB SCREWS

Thumb Screws All our thumbscrews are bright zinc-plated.



The wing top is our most popular design. Ideal for securing Stage Braces to Boss Plates etc.

Wing Top	code	price	100+
M10 x 25 mm	FIX3063	£0.62	£0.56



Shoulder	code	price	100+
M10 x 25 mm	FIX3059	£0.43	£0.37
M10 x 40 mm	FIX3061	£0.46	£0.39



Plain	code	price	100+
M8 x 12 mm	FIX3041	£0.21	£0.14
M8 x 15 mm	FIX3042	£0.21	£0.14
M10 x 25 mm	FIX3053	£0.28	£0.19
M10 x 40 mm	FIX3055	£0.51	£0.38
M10 x 50 mm	FIX3057	£0.60	£0.39



For the Wing Bolt Spanners see page 299.

MACHINE SCREWS

M10 Machine Screws are slotted.



Countersunk Machine Screws Machine screws up to size M8 x 50 are pozidriv unless ordered as specials. Our pozidriv machine screws are bright zinc-plated.

The M4 - M8 Machine Screws are pozidriv except for the M8 x 60 mm... which is slotted.

Machine Pozidriv Screws	code	price	100+	box qty
M4 x 20 mm	MSC052	£0.03	£0.02	1000
M4 x 25 mm	MSC051	£0.03	£0.02	500
M4 x 30 mm	MSC054	£0.03	£0.02	500
M5 x 20 mm	MSC056	£0.02	£0.01	500
M5 x 25 mm	MSC058	£0.03	£0.02	500
M5 x 30 mm	MSC060	£0.04	£0.03	250
M5 x 35 mm	MSC061	£0.04	£0.03	250
M5 x 40 mm	MSC062	£0.05	£0.04	250
M5 x 75 mm	MSC069	£0.25	£0.20	200
M5 x 80 mm	MSC0692	£0.29	£0.26	200
M5 x 100 mm	MSC065	£0.34	£0.30	200
M6 x 20 mm	MSC070	£0.04	£0.03	250
M6 x 25 mm	MSC072	£0.04	£0.03	250
M6 x 30 mm	MSC074	£0.05	£0.04	200
M6 x 35 mm	MSC076	£0.05	£0.04	200
M6 x 40 mm	MSC078	£0.06	£0.05	200
M6 x 50 mm	MSC080	£0.07	£0.06	100
M8 x 20 mm	MSC083	£0.09	£0.07	200
M8 x 25 mm	MSC084	£0.10	£0.08	200
M8 x 30 mm	MSC085	£0.11	£0.08	100
M8 x 40 mm	MSC086	£0.10	£0.08	100
M8 x 50 mm	MSC088	£0.13	£0.09	50



Countersunk Slotted Machine Screws Larger machine screws are not available in pozidriv due to the torque required to tighten them. If slotted heads really don't appeal, try socket screws listed below.

Slotted Machine Screws	code	price	100+	box qty
M8 x 60 mm	MSC090	£0.19	£0.15	50
M10 x 25 mm	MSC102	£0.16	£0.12	100
M10 x 30 mm	MSC104	£0.17	£0.13	100
M10 x 40 mm	MSC108	£0.21	£0.17	50
M10 x 50 mm	MSC110	£0.25	£0.22	50
M10 x 60 mm	MSC112	£0.35	£0.30	50



Countersunk Socket Screws DIN 7991 Grade 10.9 These high quality hex drive socket screws make a neat secure fixing for panels and floors. Other sizes can be ordered as specials. Self-colour [or black to the untrained eye].

Csk. Socket Screws	hex size	code	price	100+	box qty
M6 x 12 mm*	4 mm	MSCCS61	£0.05	£0.04	200
M6 x 20 mm	4 mm	MSCCS620	£0.04	£0.03	200
M6 x 40 mm	4 mm	MSCCS640	£0.06	£0.05	200
M8 x 20 mm	5 mm	MSCCS820	£0.09	£0.06	200
M8 x 40 mm	5 mm	MSCCS840	£0.13	£0.11	100
M10 x 25 mm	6 mm	MSCCS1025	£0.14	£0.12	100
M10 x 40 mm	6 mm	MSCCS1040	£0.20	£0.16	50

* Fits UniRail joint plates



Socket Cap Head Screws DIN 912 Grade 12.9 High quality hexdrive socket screws for secure fixing of machinery components. Other sizes can be ordered as specials and will generally be with us next day. Self-coloured.

Socket Cap Heads	hex size	code	price	100+	box qty
M6 x 20 mm	5 mm	MSCCH620	£0.05	£0.04	200
M6 x 40 mm	5 mm	MSCCH640	£0.06	£0.05	200
M8 x 20 mm	6 mm	MSCCH820	£0.09	£0.07	200
M8 x 40 mm	6 mm	MSCCH840	£0.12	£0.10	100
M10 x 25 mm	8 mm	MSCCH1025	£0.16	£0.14	100
M10 x 40 mm	8 mm	MSCCH1050	£0.23	£0.20	50
M12 x 30 mm	10 mm	MSCCH1230	£0.23	£0.20	50

For hex keys see page 284.

THREADED STUDDING



Threaded Studding Make your own bolts or stand-off fixings to any length with this threaded rod. Available in standard in 1 m and 3 m lengths. Also available in 1 m lengths of high tensile grade 8 which is distinguished by its yellow painted ends.

Threaded Studding		price	code	price	code	price
metric	standard	1 m	high tensile	1 m HT	standard	3 m
M5	FIX3022	£1.29	-	-	-	-
M6	FIX3023	£0.62	-	-	FIX3024	£1.85
M8	FIX3025	£0.98	-	-	FIX3026	£3.52
M10	FIX3027	£1.49	FIX3027HT	£4.02	FIX3028	£4.69
M12	FIX3029	£2.34	FIX3029HT	£4.99	FIX3030	£7.11
M14	FIX3035	£4.09	-	-	-	-
M16	FIX3031	£3.38	FIX3031HT	£8.96	FIX3032	£11.95
M20	FIX3033	£6.13	FIX3033HT	£14.81	FIX3034	£22.01

Threaded Studding		code	price
imperial	per yard		
3/8"	FIX3005		£3.98
1/2"	FIX3007		£3.86

Studding Connectors DIN 6334 Our studding connectors are bright zinc-plated steel.

Studding Connectors	length	code	price	100+
M6	18 mm	FIX3024C	£0.22	£0.14
M8	24 mm	FIX3026C	£0.28	£0.17
M10	30 mm	FIX3028C	£0.58	£0.36
M12	36 mm	FIX3030C	£0.96	£0.60

Worm Drive Hose Clips [Jubilee Clips] These clips are standard bright zinc-plated steel. They are not suitable for marine use.

Worm Drive Hose Clips	size	adjustment	code	price
	000	9.5 - 12 mm	GEN050	£0.56
	M00	11 - 16 mm	GEN051	£0.52
	00	13 - 20 mm	GEN052	£0.56
	0	16 - 22 mm	GEN053	£0.61
	0X	18 - 25 mm	GEN054	£0.65
	1A	22 - 30 mm	GEN055	£0.69
	1	25 - 35 mm	GEN056	£0.69
	1X	30 - 40 mm	GEN057	£0.75
	2A	35 - 50 mm	GEN058	£0.82
	2	40 - 55 mm	GEN059	£0.82
	5	90 - 120 mm	GEN060	£1.38
	6X	120 - 150 mm	GEN061	£1.61£1.38



MASONRY FIXINGS

MASONRY ANCHORS



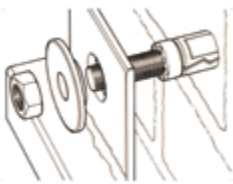
Masonry Anchors – Loose Bolt For fixings where the bolt needs to be inserted after the shield [body] has been positioned. Ideal for fixing steel flattage, machinery, barriers, seating, balustrading, heavy doors, switchgear and structural fixings. See Top Hats [page 133]. When ordering Loose Bolts please note that the bolt size is given first, then the maximum fixing thickness [e.g. M6-10L has an M6 bolt and will hold down material that is no more than 10 mm thick]. Fully threaded.

Masonry Anchor - Loose Bolt	drill size	code	list	price	50+
M6 - 10L	12 mm	FIX4000	£1.15	£0.65	£0.59
M6 - 25L	12 mm	FIX4001	£1.40	£0.87	£0.79
M6 - 40L	12 mm	FIX4002	£1.44	£0.90	£0.81
M8 - 10L	14 mm	FIX4005	£1.57	£0.97	£0.88
M8 - 25L	14 mm	FIX4006	£1.73	£1.11	£1.00
M8 - 40L	14 mm	FIX4007	£1.96	£1.25	£1.13
M10 - 10L	16 mm	FIX4010	£2.29	£1.45	£1.31
M10 - 25L	16 mm	FIX4011	£2.70	£1.71	£1.54
M10 - 50L	16 mm	FIX4012	£2.94	£1.86	£1.68
M10 - 75L	16 mm	FIX4013	£3.22	£2.17	£1.96



Masonry Anchors – Projecting Stud For fixings where a studding fixing is required, ideal for overhead work. Once fixed, the nut can be removed to release the object being held. For fixing trunking, wall plates, metal work, timber and structural fixings. When ordering Projecting Studs please note that the bolt size is given first, then the maximum fixing thickness [e.g. M6-10P has an M6 bolt and will hold down material no more than 10 mm thick].

Masonry Anchor - Projecting Stud	drill size	code	list	price	50+
M6 - 10P	12 mm	FIX4019	£1.12	£0.68	£0.62
M8 - 15P	14 mm	FIX4021A	£1.62	£1.06	£0.96
M8 - 40P	14 mm	FIX4022	£1.84	£1.20	£1.08
M8 - 80P	14 mm	FIX4023	£1.91	£1.41	£1.27
M10 - 10P	16 mm	FIX4023A	£2.25	£1.48	£1.34
M10 - 30P	16 mm	FIX4024	£2.42	£1.60	£1.44
M10 - 50P	16 mm	FIX4025	£2.60	£1.77	£1.60
M12 - 15P	20 mm	FIX4028	£3.85	£2.14	£1.93
M12 - 25P	20 mm	FIX4026	£4.25	£2.81	£2.53
M12 - 70P	20 mm	FIX4027	£4.84	£3.14	£2.83



Top Hats For full details of these useful devices see page 133. We also sell the lugs with pre-drilled 25 mm diameter holes to save you having to buy a whacking great big drill bit.



Masonry Anchor – Hook Bolt Heavy-duty hook bolt.

	drill size	code	price	50 +
M6 - H	12 mm	FIX4030	£1.12	£1.01
M8 - H	14 mm	FIX4031	£1.55	£1.40
M10 - H	16 mm	FIX4032	£2.12	£1.91
M12 - H	20 mm	FIX4033	£3.65	£3.29

For Hook Bolts see page 217.



Masonry Anchor – Eye Bolt Heavy-duty eye bolt popular for setting up catenary wires.

	drill size	code	price	50 +
M6 - E	12 mm	FIX4040	£1.09	£0.99
M8 - E	14 mm	FIX4041	£1.43	£1.29
M10 - E	16 mm	FIX4042	£2.03	£1.83
M12 - E	20 mm	FIX4043	£3.89	£3.51

Flints' staff are able to install Anchor Devices [page 313].

CHEMICAL ANCHORS

Chemical Masonry Fixings Flints can supply an entire range of chemical adhesive fixings. Please ring for details.



J-Fix Spin-In Capsules

A glass capsule anchor used with spin-in studs to provide a stress-free anchorage in solid concrete. Epoxy acrylate. For brickwork use. The cartridge dispenser is shown below. Sold in boxes of 10.

Spin in Capsules	drill size	depth	code	list	per 10
M10	12 mm	80 mm	FIXJCAPSM10	£21.23	£13.23
M12	14 mm	95 mm	FIXJCAPSM12	£23.28	£14.49

Don't forget your Top Hats! [page 133]



J-Fix Spin in Studs

Grade 5.8 stud zinc-plated and clear passivated min 5µm. A hex adapter to drive the stud with a drill is supplied with each box of ten.

Spin in Studs	length	Max fix thk.	code	list	per 10
M10	30 mm	25 mm	FIXJS10130	£13.05	£7.84
M12	160 mm	34 mm	FIXJS12160	£17.14	£9.95



J-Fix Polyester Styrene Free Injection Resin

Suitable for use in concrete and other base materials, and in damp conditions. For Dispensing Guns see page 115. Spin in studs are positioned by rotating gently by hand.

Cartridge Polyester Injection Resin	code	list	price
300 ml cartridge and mixer nozzle	FIXJFEA300SF	£20.05	£9.75



Blow Out Pump and Brush

The pump is suitable for holes of 10 mm upwards. Choose either 10 or 12 mm codes for the brushes.

Hole Cleaning Tools	size	code	list	price
Blow out pump	-	FIXBOP1	£20.35	£17.30
Cleaning brushes	10 mm	FIXCB10	£4.57	£3.88
	12 mm	FIXCB12	£4.79	£4.07

OTHER FIXINGS



Plastic Plugs The standard fixing for masonry. Plastic Plugs will make strong screw fixings in most types of brickwork, concrete and masonry.

General Purpose Plastic Plug	colour	screws	length	drill bit	code	per 100
	Yellow	No.4 - 8	25 mm	5 mm	FIX4112	£1.46
	Red	No.6 - 10	30 mm	5.5 - 6 mm	FIX4110	£1.75
	Brown	No.10 - 14	35 mm	7 mm	FIX4111	£2.30

Masonry drill bits are on pages 271.



Spring Toggles Ideal for cavity walls, ceilings and fixings on scenery flattage. Suitable for fixing timber, metal, shelving, props, coat hooks, etc. Available in M5 or M6 bolt sizes.

Spring Toggle	size	drill hole	code	price
	M5 x 50	13 mm	FIXSTM550	£0.18
	M6 x 75	16 mm	FIXSTM675	£0.27



Hammer-in Fixings Ideal for speedily fixing timber battens to walls. Drill straight through the batten into the wall and hammer home. Although hammered in they can be unscrewed.

Hammer-in Fixings	plug size	box qty	code	price	100+
	5 x 50	100	FIX214550	£0.08	£0.05
	6 x 70	100	FIX214660	£0.12	£0.08
	8 x 120	50	FIX214812	£0.30	£0.20