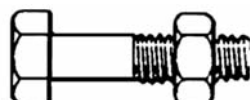


# BOLTS AND SET SCREWS

We stock a wide range of bolts and set screws. The most popular sizes are listed here. Our distributor holds thousands of tons of stock and accepts orders up to 5pm for next day delivery, 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 our bolts and set screws 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 3.44] Flints can also supply bolts and sets in stainless steel [A4 and A2], please phone with your requirements.

## M6 SET SCREWS AND BOLTS

M6 bolts and set screws take a 10mm socket. All bolts and set screws are zinc plated - recommended for touring.



### M6 Set Screws DIN 933

Size	code	per 10	per 100	box qty
20mm	FIX8502Z	£0.45	£3.00	500
25mm	FIX8504Z	£0.60	£4.50	500
30mm	FIX8506Z	£0.60	£3.40	500
35mm	FIX8508Z	£0.84	£6.30	200
40mm	FIX8510Z	£0.66	£3.70	200
50mm	FIX8514Z	£0.96	£5.40	200
60mm	FIX8518Z	£1.17	£6.60	200
70mm	FIX8522Z	£1.36	£10.20	200
75mm	FIX8524Z	£1.44	£10.80	200
80mm	-	-	-	-
90mm	-	-	-	-
100mm	FIX8530	£1.84	£13.80	100

### M6 Bolts DIN 931

code	per 10	per 100	box qty
FIX7506Z	£0.40	£3.30	200
FIX7508Z	£0.76	£5.04	200
FIX7510Z	£0.72	£4.83	200
FIX7514Z	£0.76	£5.78	200
FIX7518Z	£1.07	£7.14	200
FIX7522Z	£0.95	£7.98	200
FIX7523Z	£1.32	£8.72	200
FIX7526Z	£1.39	£9.24	200
FIX7528Z	£1.54	£10.29	100
FIX7530Z	£2.30	£15.33	100

Need 316 grade stainless fixings - just ask!



### M8 Set Screws DIN 933

Size	code	per 10	per 100	box qty
20mm	FIX8546Z	£0.65	£4.40	200
25mm	FIX8548Z	£0.87	£5.80	200
30mm	FIX8550Z	£0.80	£5.40	200
35mm	FIX8552Z	£0.83	£5.60	200
40mm	FIX8554Z	£1.03	£6.90	200
50mm	FIX8558Z	£1.10	£7.50	200
60mm	FIX8562Z	£1.20	£9.90	200
70mm	FIX8566Z	£1.92	£12.80	200
75mm	FIX8568Z	£2.25	£15.00	200
80mm	FIX8570Z	£1.86	£12.40	100
90mm	FIX8572Z	£1.98	£13.20	100
100mm	FIX8574Z	£2.85	£19.00	100
110mm	-	-	-	-
120mm	-	-	-	-

### M8 Bolts DIN 931

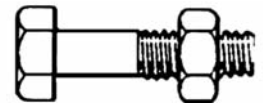
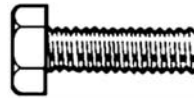
code	per 10	per 100	box qty
FIX7552Z	£1.18	£10.12	500
FIX7554Z	£1.18	£9.43	200
FIX7558Z	£1.32	£10.58	200
FIX7562Z	£1.50	£11.96	200
FIX7566Z	£1.73	£13.80	200
FIX7568Z	£2.01	£16.10	200
FIX7570Z	£2.10	£16.79	200
FIX7572Z	£2.16	£17.25	200
FIX7574Z	£3.05	£24.38	200
FIX7576Z	£2.96	£23.69	200
FIX7578Z	£4.63	£37.03	100

This section was updated 27/04/12

## M10 SET SCREWS AND BOLTS

M10 bolts and set screws take a 17mm socket. For Steeldeck use M10 x 65mm bolts and for Megadeks use M10 x 120mm bolts. Hanging clamps use M10 x 45mm bolts. All bolts and set screws are zinc plated - recommended for touring.

All the fixings listed here are Grade 8.8 high tensile



### M10 Set Screws DIN 933

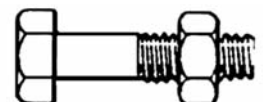
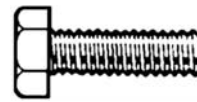
Size	code	per 10	per 100	box qty
20mm	FIX8592Z	£1.29	£8.60	200
25mm	FIX8594Z	£1.23	£8.40	200
30mm	FIX8596Z	£1.10	£9.20	200
35mm	FIX8598Z	£1.38	£9.40	100
40mm	FIX8600Z	£1.53	£10.50	100
45mm	FIX8602Z	£1.85	£14.50	100
50mm	FIX8604Z	£1.70	£11.60	100
60mm	FIX8608Z	£2.05	£14.00	100
65mm	FIX8610Z	£2.76	£17.50	100
70mm	FIX8612Z	£2.20	£16.00	100
75mm	FIX8614Z	£2.76	£18.50	100
80mm	FIX8616Z	£2.68	£19.40	100
90mm	FIX8618Z	£3.24	£22.00	100
100mm	FIX8620Z	£4.05	£27.00	100
110mm	-	-	-	-
120mm	-	-	-	-
130mm	-	-	-	-
150mm	-	-	-	-

### M10 Bolts DIN 931

code	per 10	per 100	box qty
FIX7600Z	£1.59	£13.46	100
FIX7602Z	£1.73	£14.72	100
FIX7604Z	£1.84	£15.64	100
FIX7608Z	£2.02	£17.25	100
FIX7610Z	£2.16	£18.40	100
FIX7612Z	£2.30	£19.55	100
FIX7614Z	£2.44	£20.70	100
FIX7616Z	£2.81	£23.92	100
FIX7618Z	£2.97	£25.30	100
FIX7620Z	£3.38	£28.75	100
FIX7622Z	£4.14	£35.19	50
FIX7624Z	£4.09	£34.85	100
FIX7626Z	£5.15	£43.70	100
FIX7628Z	£5.15	£43.70	50

## M12 SET SCREWS AND BOLTS

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



### M12 Set Screws DIN 933

Size	code	per 10	per 100	box qty
25mm	FIX8654Z	£1.78	£14.30	100
30mm	FIX8656Z	£1.98	£13.40	100
35mm	FIX8658Z	£2.05	£13.80	100
40mm	FIX8660Z	£2.20	£15.00	100
50mm	FIX8664Z	£2.70	£21.50	100
60mm	FIX8668Z	£3.20	£21.80	100
65mm	FIX8670Z	£3.02	£20.80	100
70mm	FIX8672Z	£3.23	£26.00	50
75mm	FIX8674Z	£3.50	£23.70	50
80mm	FIX8676Z	£4.33	£29.40	50
90mm	FIX8678Z	£3.80	£25.90	50
100mm	FIX8680Z	£4.95	£33.70	50
120mm	-	-	-	-
140mm	-	-	-	-
150mm	-	-	-	-

### M12 Bolts DIN 931

code	per 10	per 100	box qty
FIX7660Z	£2.29	£19.47	100
FIX7664Z	£2.40	£20.46	100
FIX7668Z	£2.88	£24.53	100
FIX7670Z	£3.21	£27.39	50
FIX7672Z	£3.26	£27.72	50
FIX7674Z	£3.76	£32.01	50
FIX7676Z	£3.50	£29.70	50
FIX7678Z	£4.11	£34.98	50
FIX7680Z	£4.58	£38.83	50
FIX7684Z	£4.99	£42.35	50
FIX7688Z	£6.95	£59.07	50
FIX7690Z	£6.29	£53.57	50



Wentley passing Erith on the ebbs

It is a pretty boring page - just thought you might like a little rest.


# NUTS AND WASHERS

This page was updated 27/04/12


**Steel Hexagon Full Nuts** Our standard nuts are bright zinc plated but self colour nuts can be ordered as specials.

Metric Hex Nut		code	per 10	per 100	per 1000
	DIN934 Gr 8 M4	FIX1002Z	£0.16	£0.78	£3.72
	M5	FIX1004Z	£0.26	£1.30	£6.89
	M6	FIX1006Z	£0.43	£2.20	£11.00
	M8	FIX1010Z	£0.50	£3.30	£16.50
	M10	FIX1012Z	£0.72	£4.40	£35.20
	M12	FIX1014Z	£1.05	£6.60	£56.10
	M14	FIX1013Z	£1.72	£13.20	£105.60
	M16	FIX1015Z	£1.98	£14.74	£122.43
	M20	FIX1016Z	£4.51	£27.50	£224.40
	Imperial Hex Nut	BS1981 1/4"	FIX1056Z	£0.47	£2.50
5/16"		FIX1058Z	£0.61	£3.24	£20.25
3/8"		FIX1060Z	£0.92	£4.88	£30.50
7/16"		FIX1062Z	£1.46	£7.76	£48.50
1/2"		FIX1064Z	£2.08	£11.09	£69.30


**Steel Nylon Insert Nuts [Lock] -DIN 982 Type P**

Lock Nut [metric]		code	per 10	per 100	per 1000
	M4[DIN985]	FIX1020	£0.09	£0.60	£5.00
	M5	FIX1022	£0.22	£1.56	£13.20
	M6	FIX1024	£0.28	£1.80	£16.80
	M8	FIX1026	£0.48	£3.18	£27.00
	M10	FIX1028	£0.91	£6.16	£53.76
	M12	FIX1030	£1.43	£9.72	£81.00
	M14	FIX1031	£2.65	£17.76	£150.96
	M16	FIX1032	£3.43	£22.80	£194.40
	M20	FIX1034	£6.52	£43.56	£366.00


**Tee 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.

Tee Nuts	size	code	depth	per 10	per 100	per 1000
	M5	FIX9181	9mm	£0.64	£4.18	£35.20
	M6	FIX9182	9mm	£0.72	£4.80	£39.60
	M8	FIX9183	11mm	£1.00	£6.60	£57.20
	M10	FIX9184	12mm	£1.27	£9.90	£84.70

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

Dome Nuts	size	finish	code	per 10	boxed in	per box
	M6	BZP	FIX1006DBZP	£1.38	200	£9.02
	M8	BZP	FIX1010DBZP	£2.06	100	£16.25
	M10	BZP	FIX1012DBZP	£4.18	100	£28.05
	M12	BZP	FIX1014DBZP	£7.21	50	£24.40

**Wing Nuts**

Wing Nuts	size	code	per 10	per 100	
	metric:	M5	FIX1044	£0.70	£4.66
	M6	FIX1046	£0.89	£5.94	
	M8	FIX1048	£1.16	£7.75	
	M10	FIX1050	£1.76	£11.99	
	M12	FIX1052	£4.32	£24.13	
	imperial:	1/2"			
	5/16"				

For Wing Bolts see page 2.77 3/8"

**Wing Bolt Spanner**



See page 3.31 for details of this essential tool.

## INSERT NUTS



**Type D Inserts** Unique external threads assure positive locking and strong resistance to torsion or vibration. Self tapping body allows quick and reliable installation in all wood products. Allen Drive.

Type D Inserts	thread	pilot hole	length	code	per 10	per 100
	M5	8mm	13mm	FIXOD0105M	£1.27	£9.20
	M6	9mm	13mm	FIXOD0107M	£1.78	£13.40
	M6	9mm	20mm	FIXOD0208M	£2.12	£15.90
	M8	11.5mm	13mm	FIXOD0501M	£2.84	£21.30
	M8	11.5mm	25mm	FIXOD0503M	£4.84	£36.30
	M10	12.5mm	13mm	FIXSKDZ1310	£5.58	£41.90
	M10	12.5mm	25mm	FIXSKDZ2510	£7.04	£52.80

## WASHERS

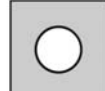


**Form A Washer BS4320BZP** Form A washers are slightly thicker than Form B washers. Bright zinc plated.


Washer	code	per 10	per 100	
metric:	M4	FIX1072	£0.09	£0.60
	M5	FIX1074	£0.10	£0.70
	M6	FIX1076	£0.20	£1.40
	M8	FIX1078	£0.34	£2.40
	M10	FIX1080	£0.53	£4.30
	M12	FIX1082	£0.77	£6.80
	M16	FIX1084	£2.50	£18.00
	imperial: 1/4"			
		5/16"		
		3/8"		
1/2"				
3/4"				

**ALL IMPERIAL WASHERS DISCONTINUED**


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

Square Plate	code	per 10	per 100	
	metric:			
	M10 50x50	FIX1250	£2.30	£20.00
	M12 50x50	FIX1252	£2.42	£20.60
	M12 40x40	FIX1251	£1.80	£12.30


**Mudguard Washers - Zinc**

Mudguard	code	per 10	per 100	
	5 x 25mm (3/16"x1")	FIX1104	£0.58	£3.89
	6 x 30mm (1/4"x 1 1/4")	FIX1106	£0.80	£5.36
	8 x 40mm (5/16"x 1 1/2")	FIX1108	£1.26	£8.61
	10 x 40mm (3/8"x1 1/2")	FIX1110	£1.16	£7.67

**Single Coil Washers DIN7980**

Single Coil	code	per 10	per 100	
	M4	FIX1112	£0.09	£0.60
	M5	FIX1114	£0.11	£0.80
	M6	FIX1116	£0.13	£0.90
	M8	FIX1118	£0.21	£1.40
	M10	FIX1120	£0.37	£2.50
	M12	FIX1122	£0.44	£2.60

**Shakeproof Washers**

Shakeproof Washer	code	per 10	per 100	
	M6	FIX1142	£0.19	£1.20
	M8	FIX1144	£0.29	£2.04
	M10	FIX1146	£0.43	£3.00
	M12	FIX1148	£0.82	£5.40

## INSERT NUTS



### Spikey Washers

Stops nuts/bolts chewing up the wood. Suitable for M10. Quick to fit making fit-ups faster.

Spikey Washer	code	per 10	per 100
	FIXSWM10	£1.90	£15.00

# COACH BOLTS



## Coach Bolts [Carriage Bolts] DIN603/555

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 see page 2.05. Our coach bolts are zinc plated.

### Coach Bolt M6

Size	code	per 10	per box	box qty
length				
20mm	FIX202	£0.92	£12.90	200
25mm	FIX204	£0.84	£11.70	200
30mm	FIX206	£0.85	£12.00	200
35mm	FIX207	£0.91	£13.70	200
40mm	FIX208	£0.97	£13.70	200
45mm	FIX210	£0.82	£14.50	200
50mm	FIX212	£1.02	£15.30	200
55mm	FIX214	£1.04	£15.50	200
60mm	FIX215	£1.32	£17.50	200
65mm	FIX216	<b>DISCONTINUED</b>		
70mm	FIX217	£1.43	£19.10	200
75mm	FIX218	£1.50	£20.40	200
80mm	FIX219	£1.82	£24.70	200
90mm	FIX220	£1.76	£12.10	100
100mm	FIX222	£1.82	£12.60	100
110mm	FIX224	<b>DISCONTINUED</b>		
130mm	FIX226	£3.01	£20.00	100
150mm	FIX228	£2.53	£17.00	100

### Coach Bolt M8

Size	code	per 10	per box	box qty
length				
20mm	FIX231	£1.16	£19.80	200
25mm	FIX232	£1.12	£19.00	200
30mm	FIX234	£1.37	£23.40	200
35mm	FIX236	£1.69	£29.00	200
40mm	FIX237	£1.55	£26.50	200
45mm	FIX238	£1.62	£27.40	200
50mm	FIX240	£1.40	£24.00	200
55mm	FIX241	£1.64	£28.10	200
60mm	FIX242	£1.72	£29.20	200
70mm	FIX243	£1.77	£30.00	200
75mm	FIX244	£1.88	£32.00	200
80mm	FIX245	£2.08	£35.40	200
90mm	FIX246	£2.28	£19.50	100
100mm	FIX248	£3.08	£26.30	100
110mm	FIX250	£3.05	£26.10	100
130mm	FIX252	£3.38	£28.70	100
150mm	FIX254	£3.96	£33.70	100

### Coach Bolt M10

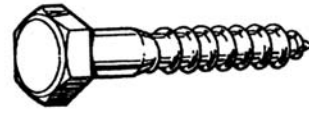
Size	code	per 10	per box	box qty
length				
25mm	FIX262	£2.56	£42.60	200
30mm	FIX264	£2.20	£39.50	200
40mm	FIX266	£2.33	£21.30	100
50mm	FIX268	£2.54	£22.90	100
55mm	FIX270	£2.54	£22.90	100
60mm	FIX272	£2.94	£26.40	100
65mm	FIX274	£2.72	£24.60	100
70mm	FIX276	£3.03	£27.30	100
75mm	FIX278	£2.49	£22.40	100
80mm	FIX280	£3.32	£29.90	100
90mm	FIX282	£3.99	£35.90	100
100mm	FIX284	£3.57	£32.10	100
110mm	FIX286	£4.44	£20.00	50
130mm	FIX288	£4.49	£20.20	50
140mm	FIX290	£6.21	£27.90	50
150mm	FIX292	£5.20	£23.50	50
160mm	FIX293	£9.03	£30.10	50
180mm	FIX294	£8.82	£29.50	50
200mm	FIX295	£11.69	£39.00	50
220mm	FIX295A	£11.06	£37.00	50
230mm	FIX296	£12.69	£42.40	50
240mm	FIX296A	£12.04	£40.00	50
260mm	FIX297	<b>DISCONTINUED</b>		
280mm	FIX297A	<b>DISCONTINUED</b>		
300mm	FIX298	£13.40	£44.88	50

### Coach Bolt M12

Size	code	per 10	per box	box qty
length				
25mm	-	-	-	-
30mm	FIX301	£3.40	£119.79	400
40mm	FIX302	£4.10	£149.16	400
50mm	FIX304	£4.10	£145.31	400
55mm	-	-	-	-
60mm	FIX306	£5.70	£202.73	400
65mm	FIX308	£4.40	£78.65	200
70mm	-	-	-	-
75mm	FIX310	£5.70	£100.98	200
80mm	FIX312	£5.70	£75.70	200
90mm	FIX314	<b>DISCONTINUED</b>		
100mm	FIX316	£5.10	£91.80	200
110mm	FIX318	£5.46	£98.00	200
130mm	FIX320	£6.45	£115.00	200
140mm	FIX322	£9.54	£95.40	150
150mm	FIX324	£9.02	£90.20	150
160mm	FIX325	£13.14	£87.60	100
180mm	FIX326	£11.08	£55.30	75
200mm	FIX327	£14.02	£70.05	75
220mm	FIX328	£13.38	£67.90	75
230mm	FIX332	£16.14	£88.10	75
240mm	FIX332A	£18.14	£90.80	75
260mm	FIX333	£17.40	£87.00	75
280mm	FIX333A	£17.07	£85.40	75
300mm	FIX334	£16.43	£105.50	75

For Lanoguard - anhydrous lanolin - to protect against corrosion see page 2.27

# COACH SCREWS



## Coach Screws DIN571

Hexagonal head metric coach screws, bright zinc plated.

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

### Coach Screw M6

Size	code	per 10	per box	box qty
length				
25mm	FIX402H	£0.79	£10.50	200
30mm	FIX403H	£0.79	£10.60	200
40mm	FIX404H	£0.87	£11.50	200
45mm	FIX405H	<b>DISCONTINUED</b>		
50mm	FIX406H	£1.09	£14.50	200
60mm	FIX408H	<b>DISCONTINUED</b>		
75mm	FIX410H	£1.43	£19.00	200
90mm	FIX412H	£1.77	£12.00	100
110mm	-	-	-	-
130mm	-	-	-	-
150mm	-	-	-	-

### Coach Screw M8

code	per 10	per box	box qty
length			
FIX422H	£1.23	£16.50	200
FIX423H	£1.28	£17.40	200
FIX424H	£1.30	£17.80	200
-	-	-	-
FIX426H	£1.34	£20.50	200
FIX428H	£1.53	£22.70	200
FIX430H	£1.69	£27.00	200
FIX432H	£2.11	£14.20	100
FIX434H	£2.51	£16.80	100
FIX435H	£2.99	£22.50	100
FIX436H	£3.10	£5.20	50

### Coach Screw M10

Size	code	per 10	per box	box qty
length				
30mm	FIX442H	£1.53	£10.40	100
40mm	FIX444H	£1.90	£12.90	100
50mm	FIX446H	£1.94	£13.00	100
60mm	FIX447H	£2.11	£14.20	100
75mm	FIX450H	£2.30	£15.40	100
90mm	FIX452H	£3.10	£20.80	100
110mm	FIX454H	£3.48	£11.70	50
130mm	FIX456H	£4.13	£13.90	50
150mm	FIX458H	£4.48	£15.00	50

### Coach Screw M12

code	per 10	per box	box qty
length			
-	-	-	-
-	-	-	-
FIX464H	£3.71	£25.00	100
FIX466H	£3.97	£26.60	100
FIX468H	£4.41	£14.80	50
FIX470H	£4.86	£16.30	50
FIX472H	£5.69	£19.00	50
FIX476H	£6.03	£21.20	50
FIX478H	£6.43	£21.30	50

# THUMB SCREWS

Thumb Screws Our thumbscrews are bright zinc plated.



Plain	code	per10	per 100
M8x12mm	FIX3041	£2.08	£14.10
M8x15mm	FIX3042	£2.13	£14.50
M10x25mm	FIX3053	£2.79	£19.00
M10x40mm	FIX3055	£5.09	£38.00
M10x50mm	FIX3057	£5.95	£39.00



Shoulder	code	per10	per 100
M10x25mm	FIX3059	£4.34	£36.89
M10x40mm	FIX3061	£4.56	£38.76



Wing Top	code	per10	per 100
M10x25mm	FIX3063	£8.86	£75.31

For Wing Bolt Spanner see page 3.31.

# MACHINE SCREWS

M10 Machine Screws are slotted



M4-M8 Machine Screws are pozidrive

**Countersunk Machine Screws** Machine screws up to size M8x50 are pozidrive unless ordered as specials. Our pozidrive machine screws are bright zinc plated.

Machine Pozidrive Screws	code	per 10	per box	box quantity
M4x20mm	MSC052	£0.25	£16.00	1000
M4x25mm	MSC051	£0.27	£9.00	500
M4x30mm	MSC054	£0.29	£12.00	500
M5x20mm	MSC056	£0.20	£13.00	500
M5x25mm	MSC058	£0.33	£14.00	500
M5x30mm	MSC060	£0.37	£7.00	250
M5x35mm	MSC061	£0.41	£8.00	250
M5x40mm	MSC062	£0.49	£9.80	250
M5x75mm	MSC069	£2.25	£22.58	200
M5x80mm	MSC0692	£3.12	£31.12	200
M5x100mm	MSC065	£3.11	£31.11	200
M6x20mm	MSC070	£0.38	£7.50	250
M6x25mm	MSC072	£0.43	£7.90	250
M6x30mm	MSC074	£0.45	£7.00	200
M6x35mm	MSC076	£0.51	£7.50	200
M6x40mm	MSC078	£0.58	£8.50	200
M6x50mm	MSC080	£0.68	£5.50	100
M8x20mm	MSC083	£0.92	£12.50	200
M8x25mm	MSC084	£0.95	£14.00	200
M8x30mm	MSC085	£1.10	£7.50	100
M8x40mm	MSC086	£0.97	£8.50	100
M8x50mm	MSC088	£1.25	£4.50	50



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

Slotted Machine Screws	code	per 10	per box	box quantity
M8x60mm	MSC090	£1.90	£6.80	50
M10x20mm	MSC092	£1.25	£9.20	100
M10x25mm	MSC102	£1.60	£12.50	100
M10x30mm	MSC104	£1.70	£14.00	100
M10x35mm	MSC106	£1.90	£8.00	50
M10x40mm	MSC108	£2.10	£8.90	50
M10x50mm	MSC110	£2.50	£12.40	50
M10x60mm	MSC112	£3.50	£15.90	50



**Countersunk Socket Screws** These high quality allen drive socket screws make a neat secure fixing for panels and floors. Other sizes can be ordered as specials. DIN 7991 Grade 10.9. Self colour.

Csk. Socket Screws	Allen size	code	per 10	per box	box quant
M6x12mm*	4mm	MSCCS61	£0.36	£6.30	200
M6x20mm	4mm	MSCCS620	£0.38	£6.60	200
M6x40mm	4mm	MSCCS640	£0.62	£10.60	200
M8x20mm	5mm	MSCCS820	£0.90	£15.30	200
M8x40mm	5mm	MSCCS840	£1.30	£11.40	100
M10x25mm	6mm	MSCCS1025	£1.30	£11.40	100
M10x40mm	6mm	MSCCS1040	£2.00	£8.50	50

\* Fits UniRail joint plates

This page was updated 13/04/12

**Socket Cap Head Screws** High quality allen drive socket screws for secure fixing of machinery components. Other sizes can be



ordered as specials, generally on a next day basis to us. DIN 912 Grade 12.9. Self colour.

Socket cap heads	Allen size	code	per 10	per box	box quant
M6x20mm	5mm	MSCCH620	£0.46	£8.00	200
M6x40mm	5mm	MSCCH640	£0.64	£11.00	200
M8x20mm	6mm	MSCCH820	£0.92	£15.70	200
M8x40mm	6mm	MSCCH840	£1.22	£10.40	100
M10x25mm	8mm	MSCCH1025	£1.62	£13.80	100
M10x40mm	8mm	MSCCH1050	£2.32	£9.90	50
M12x30mm*	10mm	MSCCH1230	£2.34	£10.00	50

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For Allen keys see page 3.25.

\*Ideal for fitting Doughty clamps to Electro Kabukis

## THREADED STUDDING



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

Threaded Studding	code	1m	1m high ten.	code	3m
metric: M5	FIX3022	£1.05	-	FIX30223	£2.90
M6	FIX3023	£0.60	£4.42	FIX3024	£1.80
M8	FIX3025	£0.95	£3.36	FIX3026	£2.84
M10	FIX3027	£1.40	£4.20	FIX3028	£4.20
M12	FIX3029	£2.10	£5.46	FIX3030	£6.30
M14	FIX3035	£3.97	N/A	FIX3036	£11.91
M16	FIX3031	£3.85	£10.56	FIX3032	£11.55
M20	FIX3033	£5.95	£17.28	FIX3034	£17.85

Threaded Studding	code	per yard
imperial: 1/4 "	FIX3001	£1.09
3/8 "	FIX3005	£1.76
1/2 "	FIX3007	£2.84
3/4 "	FIX3011	£8.30

For High Tensile Studding, add the suffix HT to the code [1m lengths].

**Studding Connectors** Our studding connectors are bright zinc plated steel. DIN6334

Studding Connectors	length	code	each	per 100
M6	18mm	FIX3024C	£0.21	£13.55
M8	24mm	FIX3026C	£0.27	£16.70
M10	30mm	FIX3028C	£0.56	£35.29
M12	36mm	FIX3030C	£0.93	£57.98
M16	48mm	FIX3032C	£1.66	£103.99
M20	72mm	FIX3034C	£2.39	£157.52



## WORM DRIVE HOSE CLIPS

**Worm Drive Hose Clips** These clips are standard zinc plated steel. They are not suitable for marine use.

Worm Drive Hose Clips	size	adjustment	code	each
	000	9.5-12mm	GEN050	£0.51
	M00	11-16mm	GEN051	£0.51
	00	13-20mm	GEN052	£0.52
	0	16-22mm	GEN053	£0.59
	0X	18-25mm	GEN054	£0.61
	1A	22-30mm	GEN055	£0.64
	1	25-35mm	GEN056	£0.67
	1X	30-40mm	GEN057	£0.70
	2A	35-50mm	GEN058	£0.74
	2	40-55mm	GEN059	£0.77
	5	90-120mm	GEN060	£1.28
	7	130-150mm	GEN061	£1.50



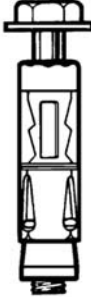
Use size M00 for 6mm bore air line

# MASONRY FIXINGS

This page was updated 27/04/12

## MASONRY ANCHORS


**Masonry Anchor - 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 on page 2.06. 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 10mm thick].

Masonry Anchor - Loose Bolt	drill size	code	each	per 50
 M6-10L	12mm	FIX4000	£0.57	£23.97
M6-25L	12mm	FIX4001	£0.77	£29.20
M6-40L	12mm	FIX4002	£0.80	£30.87
M8-10L	14mm	FIX4005	£0.87	£31.52
M8-25L	14mm	FIX4006	£0.96	£36.71
M8-40L	14mm	FIX4007	£1.11	£40.17
M10-10L	16mm	FIX4010	£1.29	£45.70
M10-25L	16mm	FIX4011	£1.52	£54.11
M10-50L	16mm	FIX4012	£1.66	£59.10
M10-75L	16mm	FIX4013	£1.94	£65.25

**Masonry Anchor - 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 10mm thick].


Masonry Anchor - Projecting Stud	drill size	code	each	per 50
 M6-10P	12mm	FIX4019	£0.60	£24.19
M6-25P	12mm	FIX4020	£0.68	£25.14
M6-50P	12mm	FIX4021	£0.79	£30.03
M8-15P	14mm	FIX4021A	£0.95	£35.04
M8-40P	14mm	FIX4022	£1.07	£40.05
M8-80P	14mm	FIX4023	£1.26	£46.67
M10-10P	16mm	FIX4023A	£1.32	£49.22
M10-30P	16mm	FIX4024	£1.42	£53.40
M10-50P	16mm	FIX4025	£1.58	£59.10
M12-15P	20mm	FIX4028	£1.90	£71.75
M12-25P	20mm	FIX4026	£2.51	£94.28
M12-70P	20mm	FIX4027	£2.81	£103.01

**Masonry Anchor - Hook Bolt** Heavy duty hook bolt.

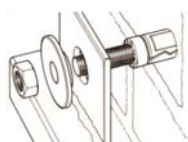
	drill size	code	each
 M6-H	12mm	FIX4030	£0.99
M8-H	14mm	FIX4031	£1.38
M10-H	16mm	FIX4032	£1.89
M12-H	20mm	FIX4033	£3.27

For Hook Bolts see page 2.29.

**Masonry Anchor - Eye Bolt** Heavy duty eye bolt.

	drill size	code	each
 M6-E	12mm	FIX4040	£0.97
M8-E	14mm	FIX4041	£1.27
M10-E	16mm	FIX4042	£1.81
M12-E	20mm	FIX4043	£3.48

**Top Hats** For full details of these useful devices see page 2.06. We now also sell the lugs with pre-drilled 25mm diameter holes to save you have to buy a whacking great big drill bit.



## CHEMICAL ANCHORS

new

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



**J-Fix Spin in Capsules A** glass capsules anchor used with spin in studs to provide a stress free anchorage in solid concrete. Epoxy acrylate. For brickwork use the cartridge dispenser shown below.

Spin in Capsules	drill size	depth	code	each	per 10
M8	10mm	80mm	FIXJCAPSM08	£1.49	£12.42
M10	12mm	80mm	FIXJCAPSM10	£1.59	£13.32
M12	14mm	95mm	FIXJCAPSM12	£1.75	£16.77



**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 or they can be purchased separately.

Spin in Studs	length	Max fix thk.	code	each	per 10
M8	110mm	18mm	FIXJS08110	£0.84	£7.04
M10	130mm	25mm	FIXJS10130	£0.99	£8.33
M12	160mm	34mm	FIXJS12160	£1.30	£10.93
M8 setting tool	stainless steel		FIXJSSTM8SS	£2.20	each
M10 setting tool	stainless steel		FIXJSSTM10SS	£2.20	each
M12 setting tool	stainless steel		FIXJSSTM12SS	£2.40	each



**J-Fix Cartridge Epoxy Acrylate** Suitable for use in concrete and other base materials and in damp conditions. For dispensing guns see page 1.80. Spin in studs are positioned by rotating gently by hand.

Cartridge Epoxy Acrylate	code	each
300ml cartridge and mixer nozzle	FIXJFEA300SF	£8.89



**Blow Out Pump and Brush** The pump is suitable for holes of 10mm upwards. Choose either 10 or 12mm codes for the brushes.

Hole Cleaning Tools	size	code	each
Blow out pump		FIXBOP1	£18.50
Cleaning brushes	10mm	FIXCB10	£4.15
	12mm	FIXCB12	£4.35

## OTHER FIXINGS




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

Masonry drill bits are on page 3.13-3.14

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

**Spring Toggle** 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	per 10
	M5x50	13mm	FIXSTM550	£1.83
	M5x75	13mm	FIXSTM575	£2.62
	M6x75	16mm	FIXSTM675	£2.67

**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 Fixing	code	per10	per box	per box
plug size			quantity 50	quantity 100
5x50	FIX214550	£0.77	n/a	£5.20
6x70	FIX214660	£1.20	n/a	£7.90
8x80	FIX214880	£1.92	n/a	£12.80
8x120	FIX214812	£2.96	£9.80	n/a
8x140	FIX214814	£4.06	£13.50	n/a

2.79

SECTION TWO