



GOLD & WASSALL

QUALITY HINGES FOR
OVER 200 YEARS

CONTENTS



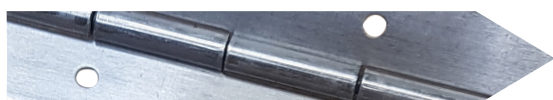
7 - TOOLROOM & PRESSWORK



13 - MATERIALS & FINISHES



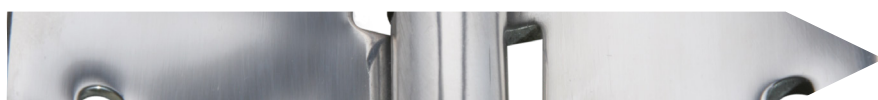
17 - CONTINUOUS HINGES



20 - CONTINUOUS HINGE PIERCING



23 - CONTINUOUS SECURITY HINGES



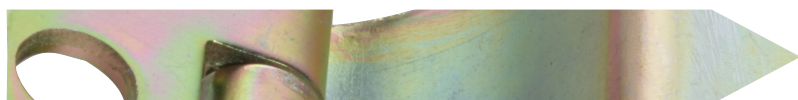
25 - LIFT-OFF HINGES



37 - BUTT & BACKFLAP HINGES



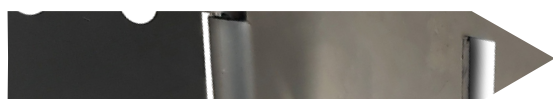
51 - SPECIAL PURPOSE HINGES



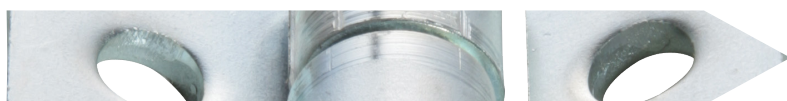
57 - CONCEALED HINGES



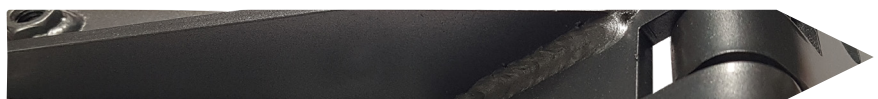
62 - SPRING HINGES



64 - HASP HINGES & LOCK COVERS



67 - HEAVY DUTY HINGES



71 - BESPOKE HINGES



72 - ROLLED PIECES



73 - LOOKING AFTER YOUR HINGES

YOUR GOLD & WASSALL CONTACTS

HEAD OFFICE

GOLD & WASSALL (HINGES) LTD
CASTLE WORKS
LICHFIELD ROAD INDUSTRIAL ESTATE
TAMWORTH
B79 7TH

TEL: +44(0)1827 63391

E-MAIL: SALES@GOLDWASSALLHINGES.CO.UK

WWW.GOLDWASSALLHINGES.CO.UK

OPERATIONS DIRECTOR: C.J. FELLOWS

SALES DIRECTOR: T.S. FELLOWS

WORKS MANAGER: D.J. WAYNE

AGENTS

LONDON & SOUTH

C.J. CROUCH
9 LODGE CLOSE
STOKE D'ABERNON
COBHAM
SURREY
KT11 2SG

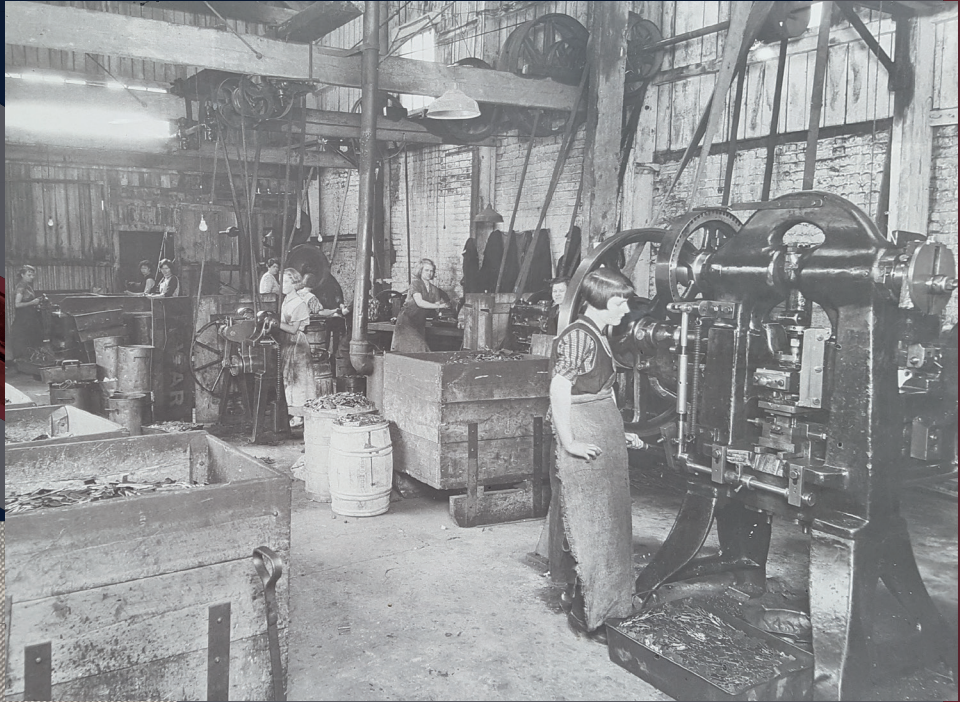
TEL: +44(0)1932 863879

IRELAND

T.A. LATCHFORD
CONTACT VIA HEAD
OFFICE, TAMWORTH



200 YEARS OF BRITISH MANUFACTURING



GOLD & WASSALL HAVE OVER 200 YEARS OF MANUFACTURING HERITAGE. SINCE 1790, OUR FAMILY OWNED COMPANY HAVE BEEN MANUFACTURING HINGES IN THE MIDLANDS.

STILL TO THIS DAY G&W REMAINS 100% COMMITTED TO BRITISH MANUFACTURING, EVERY HINGE WE SELL IS PRODUCED FROM OUR PURPOSE BUILT FACILITY IN TAMWORTH, STAFFORDSHIRE.





AT THE **FOREFRONT** OF HINGE TECHNOLOGY

WHILST STILL PRODUCING STANDARD HINGES OF ALL TYPES, GOLD & WASSALL HAVE ALWAYS LOOKED TO TACKLE MANUFACTURING CHALLENGES HEAD ON.

OVER THE YEARS, OUR HIGHLY EXPERIENCED TEAM HAVE USED ALL THEIR COMBINED KNOWLEDGE AND SKILL TO PRODUCE HINGES THAT OVERCOME SOME OF THE MOST COMPLEX MANUFACTURING CHALLENGES.

SEE OUR BESPOKE HINGES SECTION ON PAGE 71 FOR MORE DETAIL ON HOW WE CAN TURN YOUR IDEA INTO REALITY.



TOOLROOM & PRESSWORK

OUR IN-HOUSE TOOLROOM ENABLES US TO MAKE SPECIFIC TOOLS FOR ANY HINGE. THEREFORE, EVEN THE MOST DIFFICULT ELEMENTS TO A BESPOKE HINGE CAN BE ACHIEVED, WITH A TOOL MADE SPECIFICALLY FOR THE JOB IN HAND. WE ALSO OFFER SUBCONTRACTING FOR TOOLMAKING AND WIRE ERODING.



WITH A PRESS CAPACITY OF UP TO 160 TONS, GOLD & WASSALL HAVE THE ABILITY TO PRODUCE PRESSWORK OF ALL SHAPES AND SIZES. SINGLE OPERATION AND MULTI STAGE TOOLING (HAND OR AIR FED) ARE DESIGNED AND MANUFACTURED IN OUR OWN TOOLROOM. PRESSWORK FROM FREE ISSUE TOOLING IS ALSO UNDERTAKEN.



WE ALSO HAVE PRESSBRAKE CAPACITY OF UP TO 50 TONS, UP TO 2500MM LONG, AND UP TO 4MM THICK MATERIAL.

INDUSTRIAL DOORS

Our popular 'security pattern' continuous hinges offer a solution for any heavy doors vulnerable to vandalism.

Some of the biggest hinges around are used on industrial doors and we offer hinges from 5mm thick material up to 2.5 metres long.



MANUFACTURING EXPERTISE



DEFENCE

We doubt there is a military vehicle, warship or submarine in service without a few Gold & Wassall hinges fitted somewhere.

Our records of hinges with a "FV" prefix run into the hundreds and date back many decades.

AGRICULTURAL



Used in tough surroundings, hinges used on agricultural equipment need to be robust and heavy duty. Material specifications and finishes are crucial to longevity and we are happy to share our knowledge of special hinges for this sector.

FOR EVERY INDUSTRIAL SECTOR

MARINE



Marine quality grade 316 stainless steel hinges are extensively used in the fitting out of domestic, commercial and Naval ships.

All of our hinges can be supplied in SS316 if required.



Hinges for sheet metalwork are our bread and butter. Our extensive stock range ensures we have the correct hinge for your project in stock and ready to order.

We have our unique bespoke hinge service for the more unusual, non standard projects.


SHEET METALWORK

MINING & EXCAVATION

Another tough environment which requires quality, dependable hinges.

We are proud to be associated with some of the biggest manufacturers of mining machinery around the world.






Our continuous hinges are widely used on commercial vehicles.

Smaller bespoke hinges are often required for buses, coaches, fire engines, lorries and food delivery vehicles etc.

COMMERCIAL VEHICLES



Gold & Wassall have a long association with the rail industry, supplying hinges for rolling stock - typically for internal doors and cupboards, litter bins etc.

We also supply robust hinges for trackside enclosures.

RAIL

MATERIALS & FINISHES

THE MAJORITY OF OUR HINGES ARE AVAILABLE IN A WIDE CHOICE OF FINISHES.

WHETHER IT'S COSMETIC TO MATCH EXISTING COMPONENT PARTS, OR

PRACTICAL FOR CORROSION RESISTANCE, WE WILL FIND THE OPTIMUM FINISH FOR YOUR HINGE.

OUR MOST POPULAR FINISHES ARE LISTED OPPOSITE, HOWEVER THERE ARE MANY

MORE FINISHES WE USE EVERY DAY. IF YOU CAN'T FIND THE FINISH YOU NEED,

SIMPLY CONTACT US - WE WILL DO OUR BEST TO ACCOMMODATE ANY FINISH.

PLEASE NOTE - THE MAJORITY OF OUR STOCK HINGES ARE KEPT WITHOUT ANY FINISH.



PLATING

- > BRIGHT ZINC ZN3 CLEAR/YELLOW /BLACK PASSIVATION
- > BRIGHT ZINC ZN10/12 TO SPEC
- > NICKEL
- > BRIGHT CHROMIUM (BS EN150 1456:2009) OR TO SPEC
- > POLISH AND CHROMIUM TO SPEC
- > SATIN CHROMIUM
- > BRONZE PLATING
- > BRASS PLATING

POLISHING

- > BRIGHT POLISHING
- > SATIN POLISH (280 GRIT) OR TO SPEC
- > DE-GREASE AND DE-BURR

PAINTING

- > EPOXY POWDER COATING (BS EN150 9717:2017) BLACK SEMI-GLOSS OR TO BS AND RAL COLOURS, MATT OR GLOSS
- > ELECTROPHORETIC - BLACK

ANODISING

- > GREY AA5 OR TO SPEC
- > ALOCHROME

SHEET/STRIP

- > MILD STEEL
 - > HRMS PICKLED & OILED
 - > CR4 AND HR4
 - BS 1449 PT1:1991
 - > 5251 H22 EN485/515/573
 - > 304 S15 B.A. FINISH (UP TO 1.6MM)
 - > 304 2B FINISH (2MM AND OVER)
 - > 316 S11 2B FINISH
 - BS EN 10088
 - > CZ 108
 - BS EN 1172:2011
 - > BS EN 10152:2017
 - > BS EN 10142
- > ALUMINIUM
- > STAINLESS STEEL
- > BRASS
- > ZINTEC
- > GALVATITE

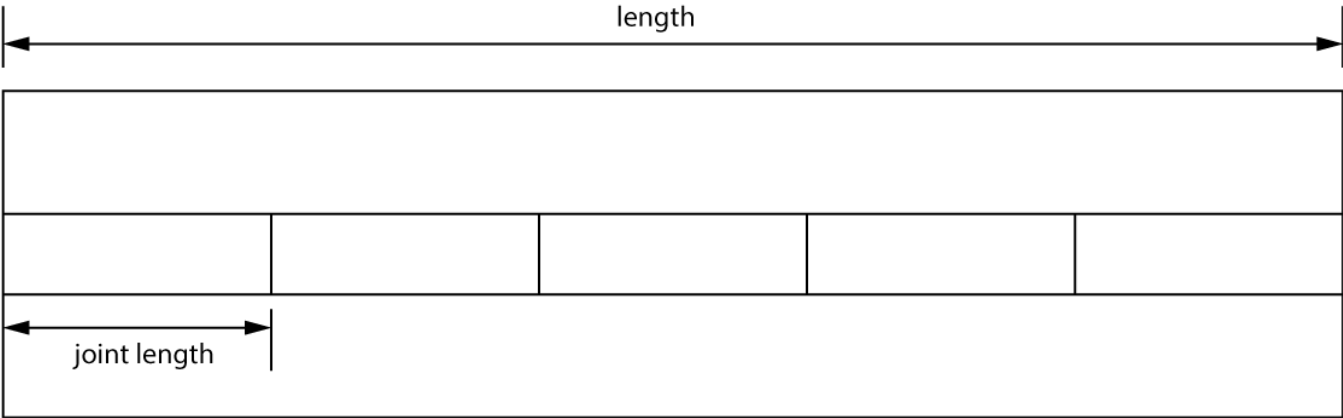
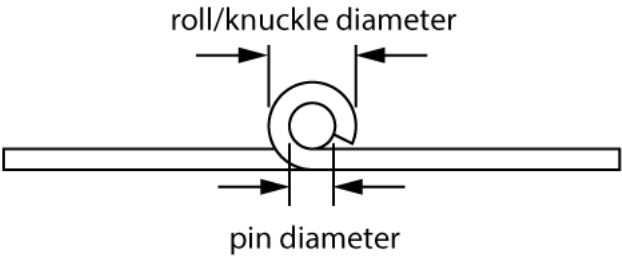
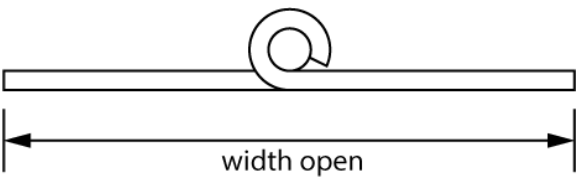
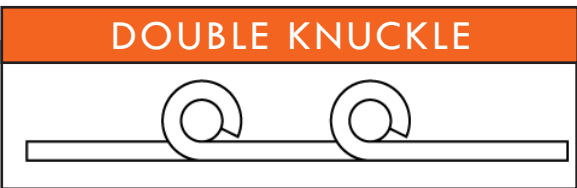
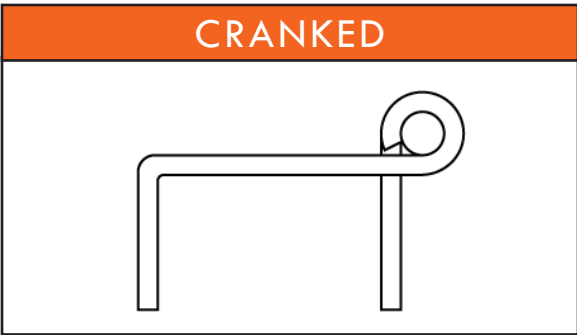
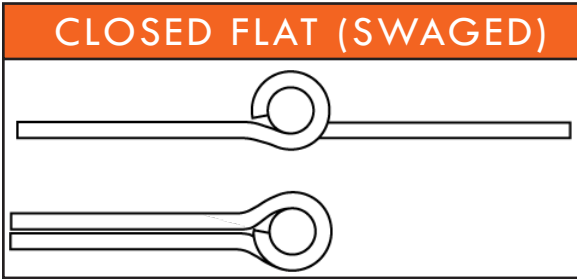
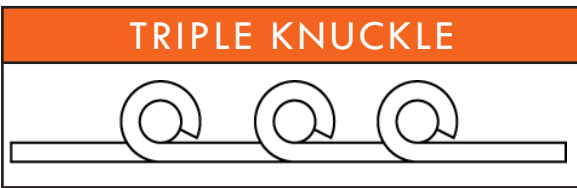
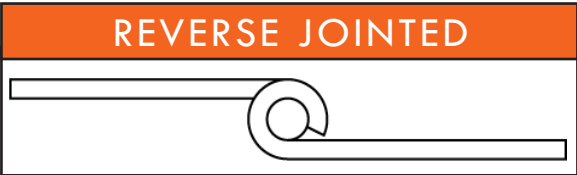
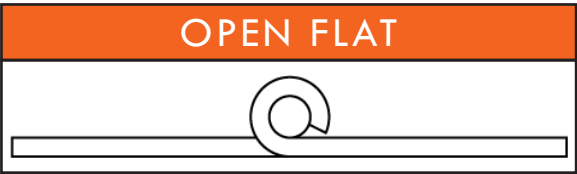
ROD/WIRE

- > MILD STEEL
 - > BS 1052:1980
 - > 6063TD BS EN1301:2008
 - > 302 S31 (CONT/BUTT HINGES WITH FLUSH PINS)
 - > 303 S31 (TURNED PINS)
 - > 304 (RIVETED PINS)
 - > 316 S11
 - > CZ108 BS EN12166:2016
 - > PB102 BS EN12164:2016
 - > BS 1052:1980
- > ALUMINIUM
- > STAINLESS STEEL
- > BRASS
- > PHOSPHOR BRONZE
- > GALVANISED

CONVERSION TABLE

Imperial Standard Wire Gauge (s.w.g.)	Decimal of an inch	Fraction of an inch	Millimetres	Imperial Standard Wire Gauge (s.w.g.)	Decimal of an inch	Fraction of an inch	Millimetres
30	0.0124	-	0.315	-	0.219	7/32	5.56
29	0.0136	-	0.345	4	0.232	-	5.89
28	0.0148	-	0.376	-	0.25	1/4	6.35
-	0.0156	1/64	0.397	3	0.252	-	6.4
27	0.0164	-	0.417	2	0.276	-	7.01
26	0.018	-	0.457	-	0.281	9/32	7.14
25	0.02	-	0.508	1	0.3	-	7.62
24	0.022	-	0.559	-	0.312	5/16	7.94
23	0.024	-	0.61	0	0.324	-	8.23
22	0.028	-	0.711	-	0.344	11/32	8.73
-	0.031	1/32	0.794	2/0	0.348	-	8.87
21	0.032	-	0.813	3/0	0.372	-	9.45
20	0.036	-	0.914	-	0.375	3/8	9.52
19	0.04	-	1.02	4/0	0.4	-	10.16
-	0.047	3/64	1.19	-	0.406	13/32	10.32
18	0.048	-	1.22	5/0	0.432	-	10.97
17	0.056	-	1.42	-	0.437	7/16	11.11
-	0.062	1/16	1.59	6/0	0.464	-	11.78
16	0.064	-	1.63	-	0.469	15/32	11.91
15	0.072	-	1.83	7/0	0.5	1/2	12.7
-	0.078	5/64	1.98	-	0.531	17/32	13.49
14	0.08	-	2.03	-	0.562	9/16	14.29
13	0.092	-	2.34	-	0.594	19/32	15.08
-	0.093	3/32	2.38	-	0.625	5/8	15.87
12	0.104	-	2.64	-	0.656	21/32	16.67
-	0.109	7/64	2.78	-	0.687	11/16	17.46
11	0.116	-	2.95	-	0.719	23/32	18.26
-	0.125	1/8	3.17	-	0.75	3/4	19.05
10	0.128	-	3.25	-	0.781	25/32	19.84
9	0.144	-	3.66	-	0.812	13/16	20.64
-	0.156	5/32	3.97	-	0.843	27/32	21.43
8	0.16	-	4.06	-	0.875	7/8	22.22
7	0.176	-	4.47	-	0.906	29/32	23.02
-	0.187	3/16	4.76	-	0.937	15/16	23.81
6	0.192	-	4.88	-	0.969	31/32	24.6
5	0.212	-	5.38	-	1	1	25.4

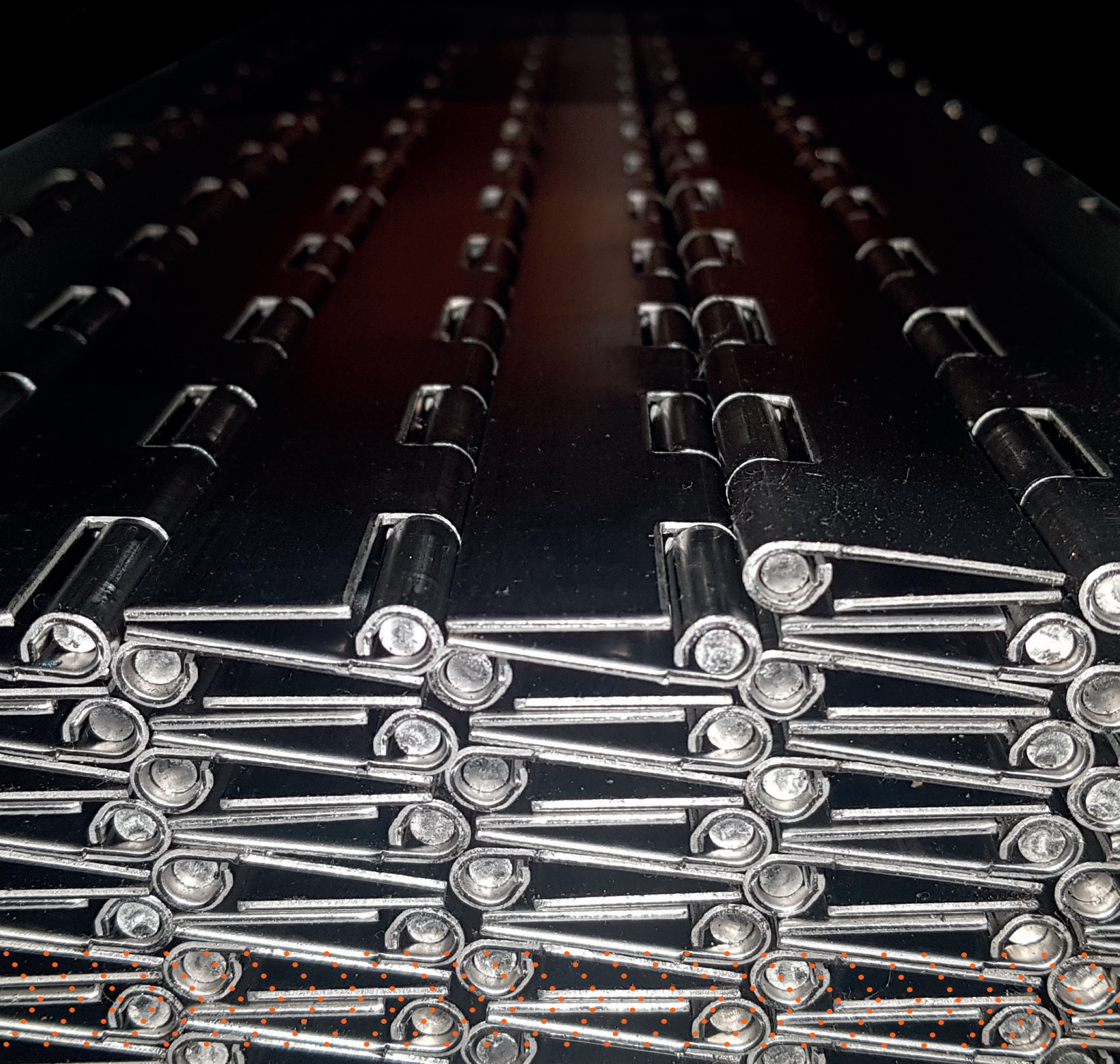
JARGON BUSTER



CONTINUOUS



QUALITY THAT GOES ON AND ON





CONTINUOUS HINGES

At Gold & Wassall we offer both a standard range of continuous hinges and a bespoke manufacturing service to suit your requirements.

Our continuous hinges can be made from 3/4" open to 12" open, from 22g (0.7mm) material up to 5mm, in lengths up to 96".

72" continuous hinges without holes, in a self-colour finish, are always available from stock for immediate despatch.

Our stock continuous hinges are, unless otherwise specified, supplied as follows;

- Mild steel hinges - mild steel pins
- Stainless steel (304) hinges - stainless steel (302) pins
- Stainless steel (316) hinges - stainless steel (316) pins
- Brass hinges - mild steel pins
- Aluminium hinges - aluminium (dural) pins

CONTINUOUS HINGES - STOCK

The following tables show our range of stocked hinges. These hinges are undrilled, with a self colour finish.

We can take hinges from stock to pierce and countersink, and to apply a finish. We will not cut stock hinges to a specific length, in this instance the required hinges will be made from scratch. Please refer to our bespoke hinges section on page 71 for more information. For details on piercing continuous hinges, please see pages 20-23.

Stocked hinges are correct at the time of going to print.

Please state stock number and material code when ordering/enquiring.

Stock No.	Material B = Brass MS = Mild Steel A = Aluminium SS = Stainless Steel 304 316 = Stainless Steel 316					Width Open		Gauge	Pin Dia.	Joint Length
						in	mm	mm	mm	in
22 gauge (0.7mm)		36" (914.4mm) Lengths								
2201	MS	SS				3/4	19.05	0.7	1.6	1/2
2202	MS	SS				1	25.4	0.7	1.6	1/2
20 gauge (0.9mm)		72" (1828.8mm) Lengths								
2001	MS	SS				3/4	19.05	0.9	2	1/2
2002	MS	SS	B	A	316	1	25.4	0.9	2	1/2
2003	MS	SS		A		1	25.4	0.9	2	1
2004	MS	SS	B			1	25.4	0.9	3.2	1/2
2005	MS	SS				1	25.4	0.9	3.2	1
2006	MS	SS	B	A	316	1 1/4	31.75	0.9	2	1/2
2007	MS	SS				1 1/4	31.75	0.9	2	1
2008	MS	SS	B	A		1 1/4	31.75	0.9	3.2	1/2
2009	MS	SS				1 1/4	31.75	0.9	3.2	1
2010	MS	SS	B	A		1 1/2	38.1	0.9	3.2	1
18 gauge (1.2mm)										
1801	MS	SS	B	A		1	25.4	1.2	3.2	1/2
1802	MS	SS				1	25.4	1.2	3.2	1
1803	MS	SS	B	A		1 1/4	31.75	1.2	3.2	1/2
1804	MS	SS		A		1 1/4	31.75	1.2	3.2	1
1805	MS	SS	B	A		1 1/2	38.1	1.2	3.2	1/2
1806	MS	SS	B	A	316	1 1/2	38.1	1.2	3.2	1
1807	MS					1 1/2	38.1	1.2	4.5	1
1809	MS		B			1 3/4	44.45	1.2	3.2	1
1810	MS	SS	B	A		1 3/4	44.45	1.2	4.5	1
1812	MS	SS	B	A		2	50.8	1.2	3.2	1
1813	MS	SS	B	A	316	2	50.8	1.2	4.5	1
1814	MS					2	50.8	1.2	6	1
1815	MS	SS	B			2 1/4	57.15	1.2	4.5	1
1816	MS	SS		A		2 1/4	57.15	1.2	6	1
1817	MS					2 1/2	63.5	1.2	6	1

CONTINUOUS HINGES - STOCK

Stock No.	Material B = Brass MS = Mild Steel A = Aluminium SS = Stainless Steel 304 316 = Stainless Steel 316				Width Open		Gauge	Pin Dia.	Joint Length	
					in	mm				mm
16 gauge (1.5mm)										
1601	MS	SS	B	A	316	1	25.4	1.5	3.2	1/2
1602	MS	SS		A		1	25.4	1.5	3.2	1
1603	MS	SS	B	A		1 1/4	31.75	1.5	3.2	1/2
1604	MS	SS	B	A		1 1/4	31.75	1.5	3.2	1
1605	MS	SS	B	A		1 1/2	38.1	1.5	3.2	1/2
1606	MS	SS	B	A		1 1/2	38.1	1.5	3.2	1
1607	MS	SS		A		1 1/2	38.1	1.5	4.5	1
1608	MS	SS	B	A		1 3/4	44.45	1.5	3.2	1
1609	MS					1 3/4	44.45	1.5	4.5	1
1610	MS	SS	B	A	316	2	50.8	1.5	3.2	1
1612	MS	SS	B	A	316	2	50.8	1.5	4.5	1
1613	MS	SS		A		2	50.8	1.5	4.5	2
1614	MS	SS				2	50.8	1.5	6	1
1615	MS		B			2	50.8	1.5	6	2
1616	MS					2 1/4	57.15	1.5	4.5	1
1618	MS	SS		A		2 1/4	57.15	1.5	6	1
1619		SS				2 1/4	57.15	1.5	6	2
1620	MS	SS	B			2 1/2	63.5	1.5	4.5	1
1622	MS	SS	B	A		2 1/2	63.5	1.5	6	1
1624	MS					2 3/4	69.85	1.5	6	1
1626	MS					3	76.2	1.5	4.5	1
1628	MS	SS		A		3	76.2	1.5	6	1
14 gauge (2mm)										
1401	MS					1 1/4	31.75	2	3.2	1
1402	MS					1 1/2	38.1	2	3.2	1
1403	MS	SS				1 1/2	38.1	2	4.5	1
1404	MS					1 3/4	44.45	2	3.2	1
1406	MS					1 3/4	44.45	2	4.5	1
1408	MS	SS			316	2	50.8	2	4.5	1
1409	MS					2	50.8	2	4.5	2
1410	MS					2	50.8	2	6	1
1411	MS					2	50.8	2	6	2
1412	MS					2 1/4	57.15	2	4.5	1
1416	MS					2 1/2	63.5	2	4.5	1
1418	MS	SS	B	A	316	2 1/2	63.5	2	6	1
1419	MS	SS		A		2 1/2	63.5	2	6	2
1420	MS					2 3/4	69.85	2	6	1
1422	MS	SS				3	76.2	2	6	1
1423	MS	SS				3	76.2	2	6	2
12 gauge (2.5mm)										
1201	MS	SS				2	50.8	2.5	4.5	1
1202	MS	SS			316	2 1/2	63.5	2.5	6	1
1203	MS	SS				2 1/2	63.5	2.5	6	2
1204	MS	SS				3	76.2	2.5	6	1
1205	MS	SS				3	76.2	2.5	6	2
10 gauge (3mm)										
1020	MS	SS				2	50.8	3	6	1
1025	MS	SS				2 1/2	63.5	3	8	1
1000	MS	SS				3	76.2	3	8	1
1001	MS	SS				3	76.2	3	8	2
1002	MS	SS				4	101.6	3	8	1
1003	MS	SS			316	4	101.6	3	8	2

CONTINUOUS HINGES - PIERCING

CONDITIONS FOR PIERCING AND COUNTERSINKING

We have a range of standard piercing options for continuous hinges.

For hinges 36" long and above, we offer a 4" (101.6mm) pitch.

For hinges below 36" long, we offer a 3" (76.2mm) pitch.

Please note; Condition 2 applies. Refer to the table opposite for information on holes sizes etc.

CONDITION 1

This condition applies where an engineering drawing is supplied. We will ensure that holes are pierced exactly in accordance with the drawing.

CONDITION 2

This condition applies where no engineering drawing is supplied and where no tools have been made specifically for the hinge. Under this condition we will pierce from our standard stock tools.

This will result in;

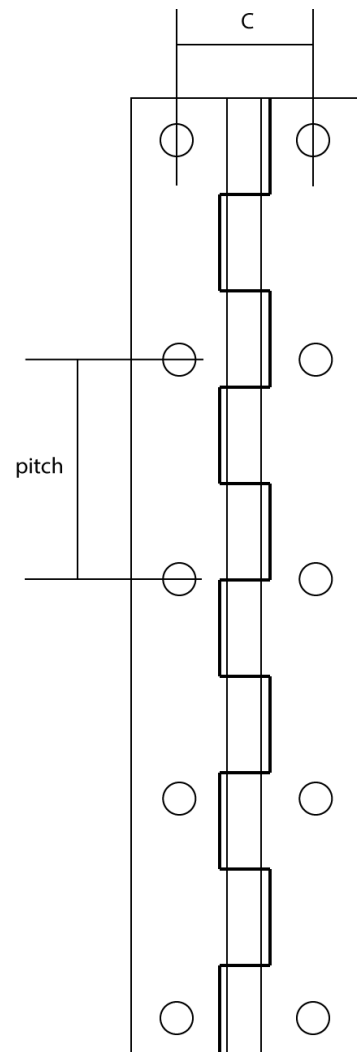
- Holes not lining up with pre-drilled holes in other parts
- Holes that may not be consistent from batch to batch
- Holes that may not be consistent from hinge to hinge

If you are in any doubt about piercing and countersinking, please contact us.

Standard piercing under Condition 2:

Lengths 36"+ we offer a 4"/100mm pitch
Lengths below 36" we offer 3"/75mm pitch

If these pitches are not suitable, please contact us, as our extensive tooling range may cover your requirement.



CONTINUOUS HINGES - STANDARD PIERCING

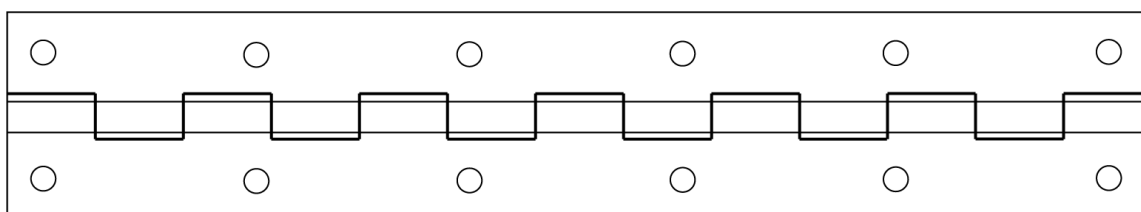
Hinge Size	Stock Numbers	Centres Across 'c' (in)	Hole size (mm)	CSK size
20 gauge (0.9mm)				
3/4" open	2001	7/16	2.2	No. 2
1" open	2002, 2003, 2004, 2005	5/8	3.5 / 4	No. 4
1 1/4" open	2006, 2007, 2008, 2009	3/4	3 / 4.1 / 4.7	No. 4
1 1/2" open	2010	7/8	4 / 5	No. 4
18 gauge (1.2mm)				
1" open	1801, 1802	5/8	3.5 / 4	No. 4
1 1/4" open	1803, 1804	3/4	3 / 4.1 / 4.7	No. 4
1 1/2" open	1805, 1806, 1807	7/8	4 / 5	No. 4
1 3/4" open	1809, 1810	1	4.5 / 5	No. 6
2" open	1812, 1813, 1814	1 1/8	4.5 / 5	No. 6
2 1/4" open	1815, 1816	1 1/4	3.5 / 4.5 / 5.5	No. 6
2 1/2" open	1817	1 3/8	4.9 / 5.6	No. 6
16 gauge (1.5mm)				
1" open	1601, 1602	5/8	3.5 / 4	No. 4
1 1/4" open	1603, 1604	3/4	3 / 4.1 / 4.7	No. 6
1 1/2" open	1605, 1606, 1607	7/8	4 / 5	No. 6
1 3/4" open	1608, 1609	1	4.5 / 5	No. 6
2" open	1610, 1612, 1613, 1614, 1615	1 1/8	4.5 / 5	No. 6
2 1/4" open	1616, 1618, 1619	1 1/4	3.5 / 4.5 / 5.5	No. 6
2 1/2" open	1620, 1622	1 3/8	4.9 / 5.6	No. 6
3" open	1626, 1628	1 5/8	4.9 / 5.6	No. 6
14 gauge (2mm)				
1 1/2" open	1402, 1403	7/8	4 / 5	No. 8
1 3/4" open	1404, 1406	1	4.5 / 5	No. 8
2" open	1408, 1409, 1410, 1411	1 1/8	4.5 / 5	No. 8
2 1/4" open	1412, 1413, 1414, 1415	1 1/4	4.9 / 5.6	No. 8
2 1/2" open	1416, 1418, 1419	1 3/8	4.9 / 5.6	No. 8
2 3/4" open	1420, 1421	1 1/2	4.9 / 5.6	No. 8
3" open	1422, 1423	1 5/8	4.9 / 5.6	No. 8
12 gauge (2.5mm)				
2 1/2" open	1202, 1203	1 3/8	4.9 / 5.6	No. 8
2 3/4" open		1 1/2	4.9 / 5.6	No. 8
3" open	1204, 1205	1 5/8	4.9 / 5.6	No. 8
10 gauge (3mm)				
3" open	1000, 1001	1 5/8	4.9 / 5.6	No. 10
4" open	1002, 1003	2 1/4	5.9	No. 10

CONTINUOUS HINGES - SPECIAL PIERCING

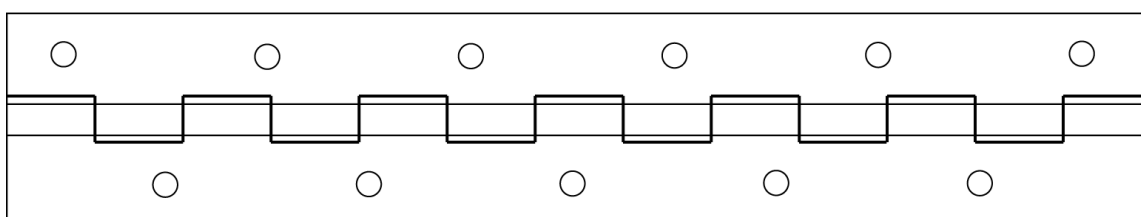
As well as our standard piercing options, we also offer a range of specialist patterns.

Examples of special purpose piercing are displayed below. Please provide a detailed drawing if you would like us to work to one of these patterns.

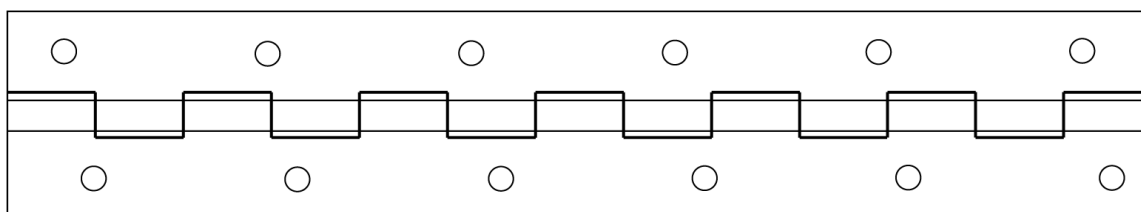
STANDARD PATTERN



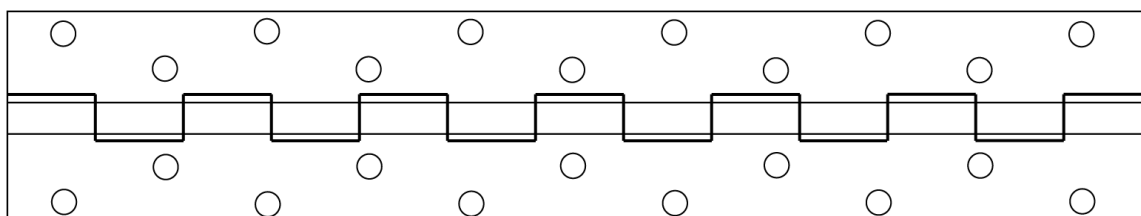
STAGGERED PATTERN



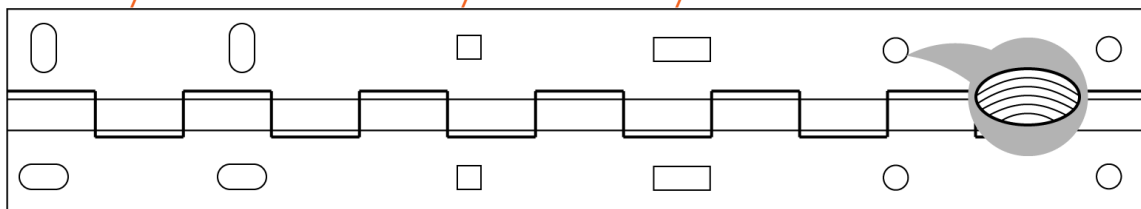
OFFSET PATTERN



SECURITY PATTERN



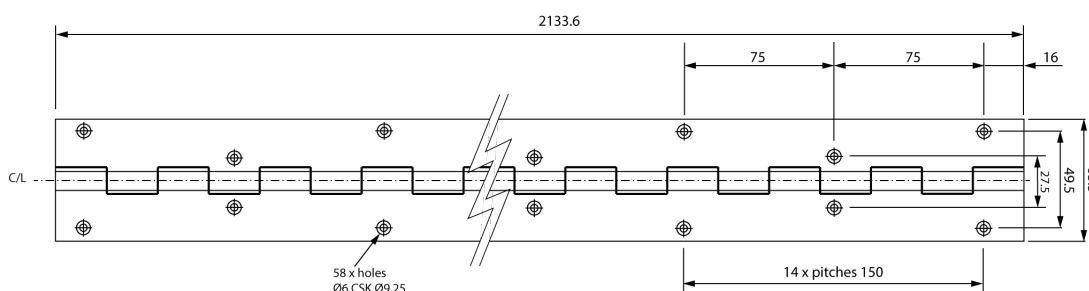
SLOTS/SQUARE HOLES/PLUNGED/TAPPED HOLES



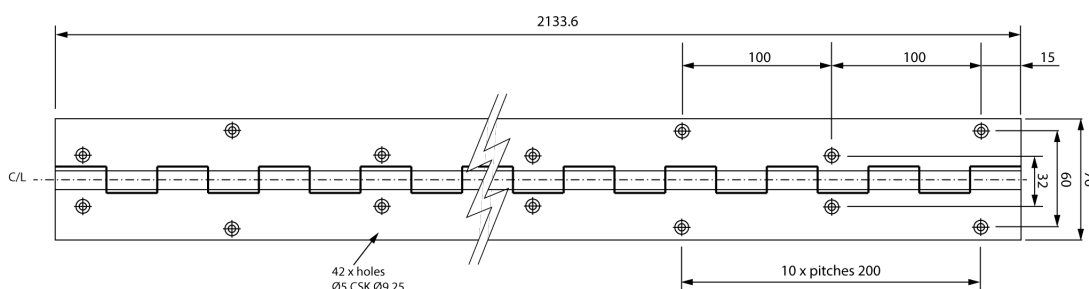
CONTINUOUS HINGES - SECURITY PIERCING

4 standard security patterns are available in 84" (2133.6mm) lengths, with other lengths available on request. Holes are pierced in groups of 4. For lengths other than 84" pitches may be adjusted to suit the specified length and to allow for a reasonable start and finish dimension. These details would be agreed prior to manufacture.

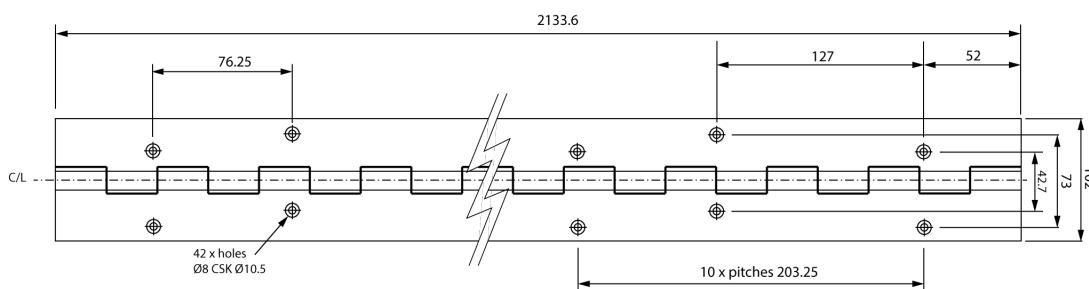
SP 63520



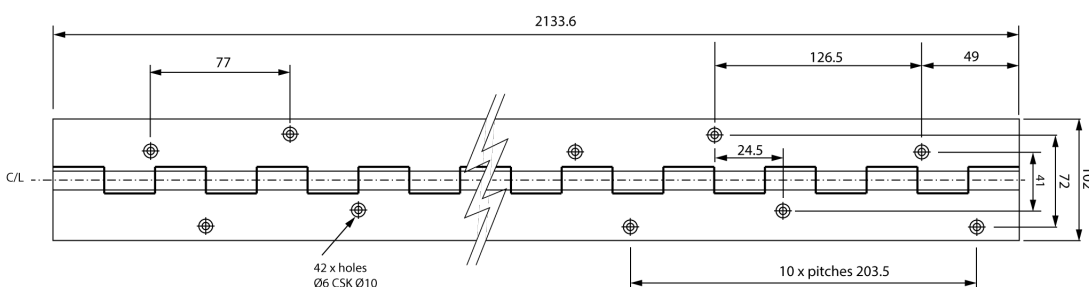
SP 76025



SP 84250



SP 10225

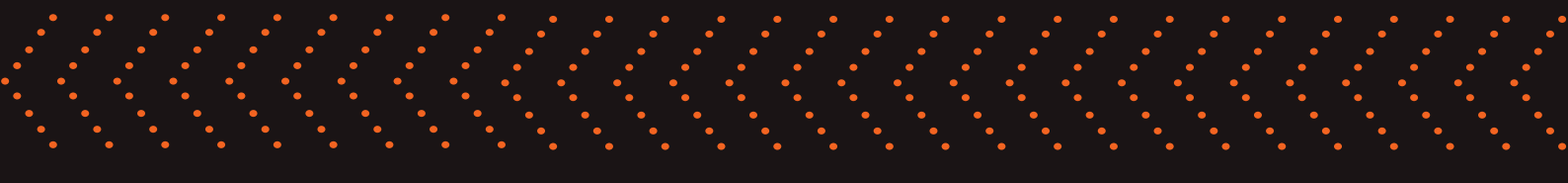


Ref.	Width Open	Gauge	Pin Dia	Joint Length	Ref.	Width Open	Gauge	Pin Dia	Joint Length
SP 63250	64	2	6.0	51	SP 84250	102	2.50	6.0	25
SP 76025	76	2.50	6.0	51	SP 10225	102	2.50	6.0	25



LIFT OFF

RAISING THE STANDARD



LIFT OFF HINGES

Lift-off hinges are especially useful in situations where the door/hinged component needs to be removed quickly and/or frequently. Typical applications include electrical cabinets and enclosures.

We manufacture 2 common styles of lift-off hinge, “Standard” (P505) and “Flag” (P226). These hinges are available in a range of shapes & sizes. They can be supplied with or without plain or countersunk holes. These hinges can also be re-worked to your own specification.

These lift-off hinges are handed, so be sure to refer to the drawings on each product page to determine which hand you require.

BLOCK LIFT OFF HINGES

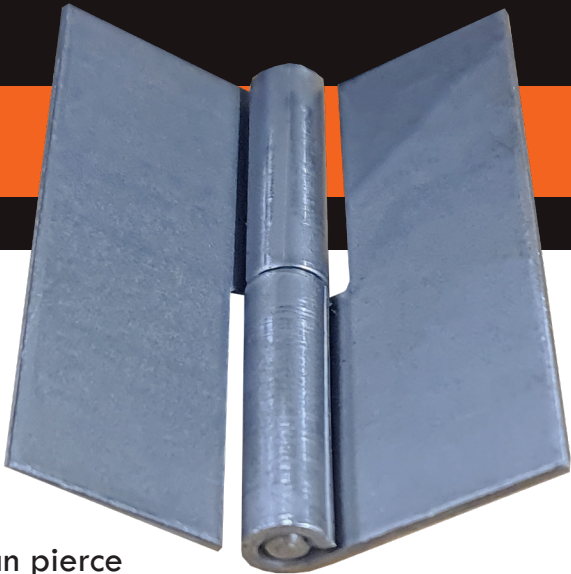
We also offer a range of block style lift off hinges, manufactured in mild steel. Complete with 2 tapped holes per section, block lift off hinges allow for a greater range of movement of a door/component. Block hinges are not handed, so can be used on either side of an application.

These hinges are available in a variety of finishes, including zinc plate, chrome plate and black epoxy powdercoat from stock.

Please contact us for more information on these hinges.



LIFT OFF HINGES - P505

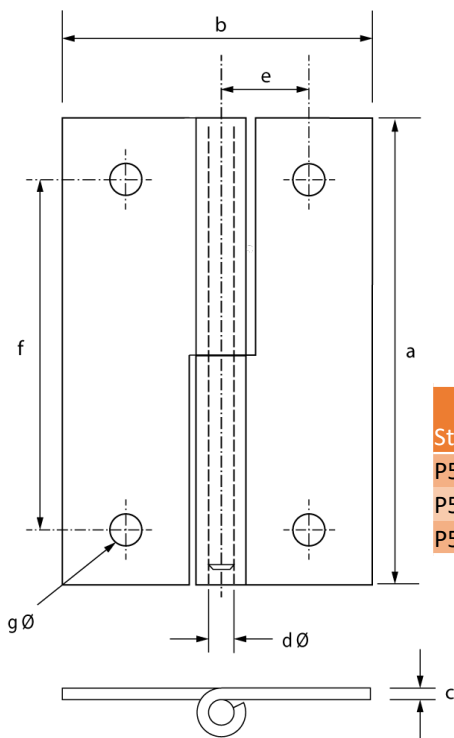


Our P505 hinges are a range of standard style lift-off hinges supplied in a variety of sizes.

Stocked in: Mild Steel, Stainless Steel
Ready to manufacture in: All materials

All P505 stock hinges are undrilled, however we can pierce these hinges to the patterns shown below and overleaf, or to your own specifications.

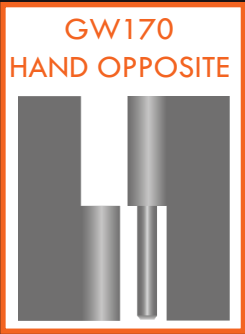
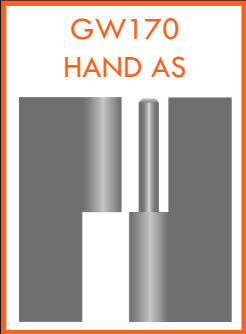
Please get in touch to find out more.



P505-01
P505-02
P505-03

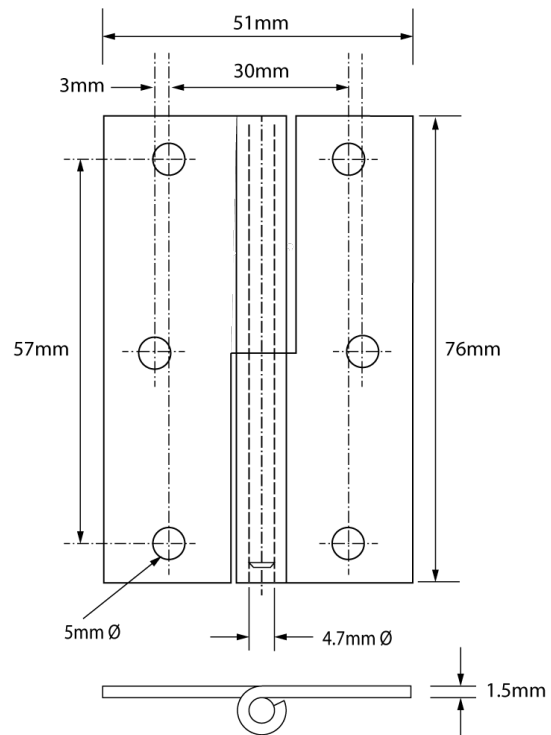
Stock No.	a mm	b mm	c mm	d mm	e mm	f mm	g mm
P505-01	38	34	1.5	3.2	10	25	3.5
P505-02	50	38	1.2	3.2	11	35	3.5
P505-03	63.5	41	1.5	4.7	12.5	45	5

PLEASE NOTE: THESE HINGES ARE HANDED. WHEN ORDERING, PLEASE SPECIFY IF THE HINGE YOU NEED IS “HAND AS” OR “HAND OPPOSITE”

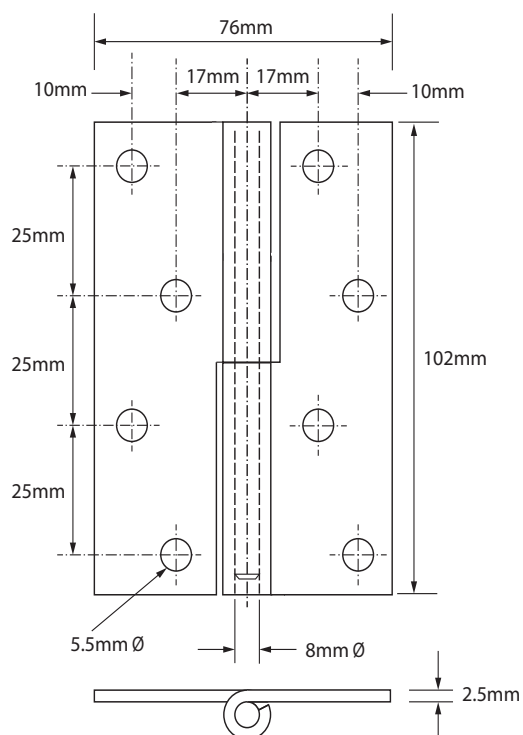


LIFT OFF HINGES - P505

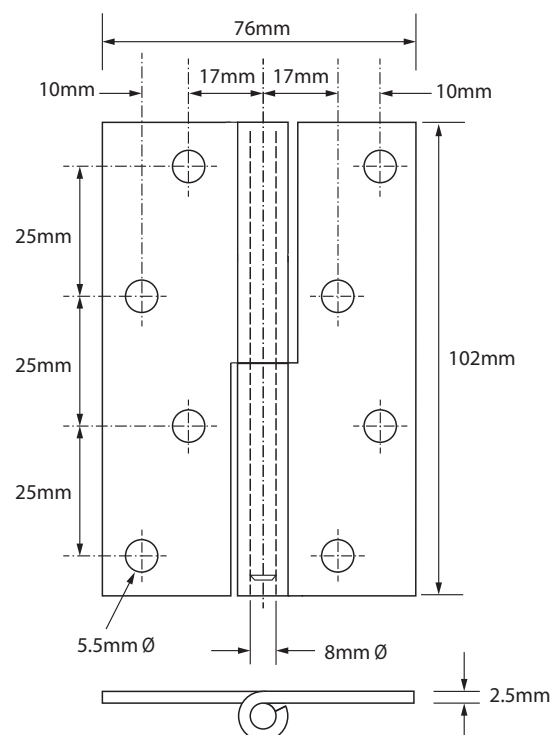
P505-04



P505-05
HAND AS



P505-05
HAND OPPOSITE



LIFT OFF HINGES - P3398

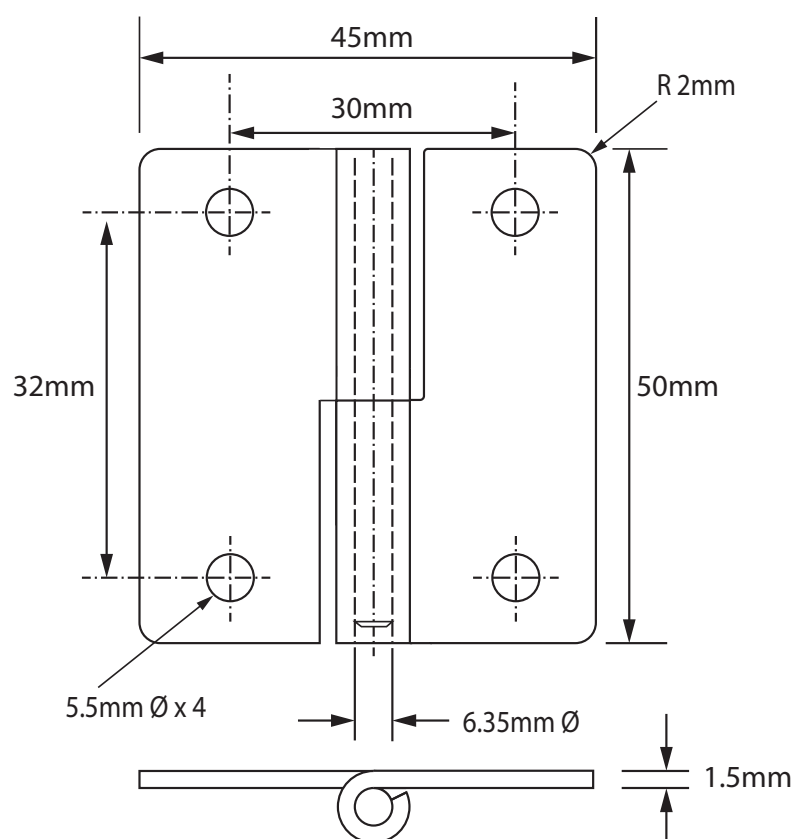


P3398 is a standard style lift-off hinge, which is supplied with holes as per the below drawing and is available in one size.

Stocked in: Stainless Steel

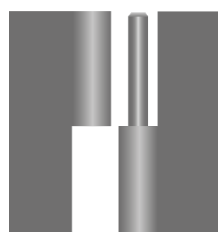
Ready to manufacture in: All materials

If this hinge is not to your exact requirements please contact us to discuss manufacturing to your specifications.



PLEASE NOTE: THESE HINGES ARE HANDED. WHEN ORDERING, PLEASE SPECIFY IF THE HINGE YOU NEED IS "HAND AS" OR "HAND OPPOSITE"

GW170
HAND AS



GW170
HAND OPPOSITE



LIFT OFF HINGES - P3614

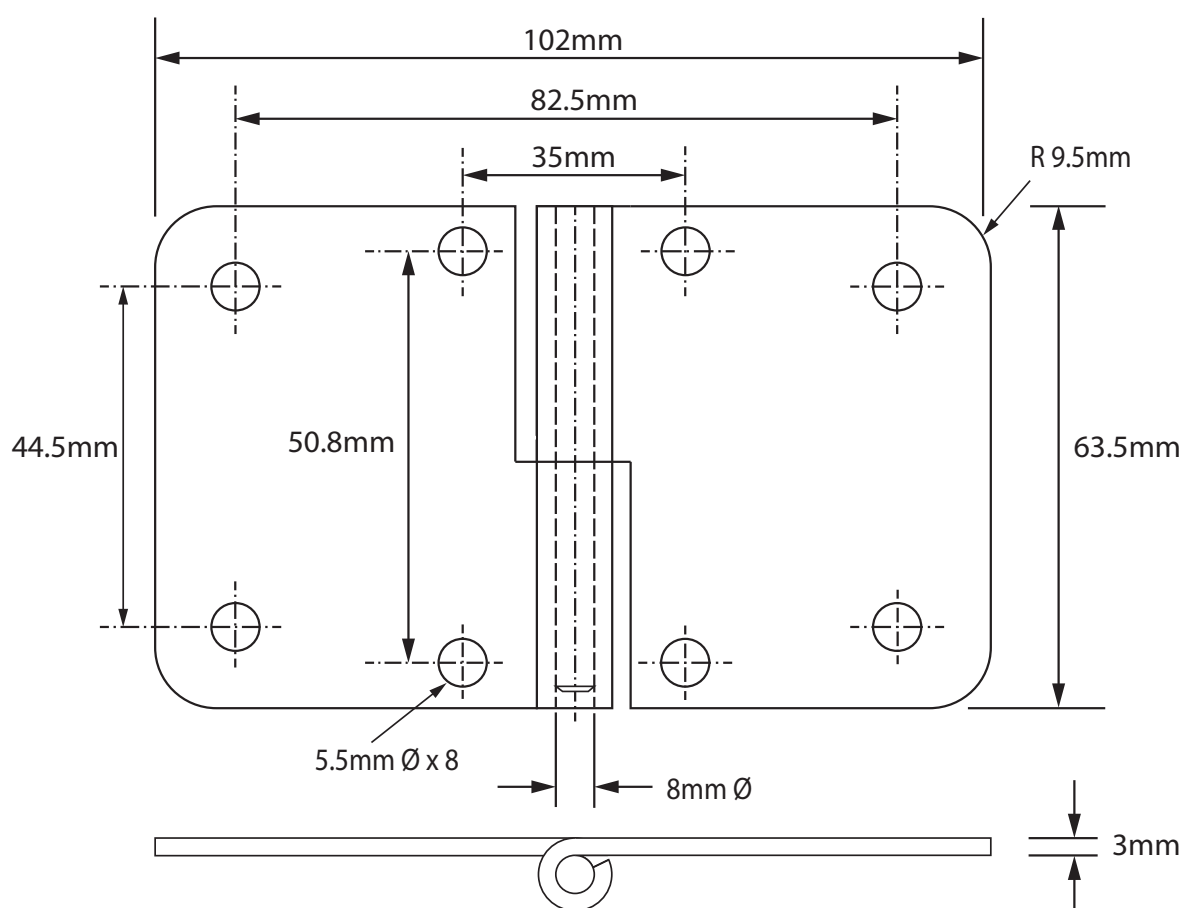


P3614 is a standard style lift-off hinge, which is supplied with holes as per the below drawing and is available in one size.

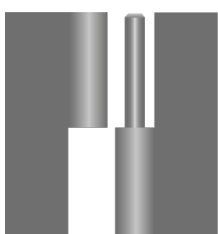
Stocked in: Stainless Steel

Ready to manufacture in: All materials

If this hinge is not to your exact requirements please contact us to discuss manufacturing to your specifications.



GW170
HAND AS



GW170
HAND OPPOSITE



PLEASE NOTE: THESE HINGES ARE HANDED. WHEN ORDERING, PLEASE SPECIFY IF THE HINGE YOU NEED IS "HAND AS" OR "HAND OPPOSITE"

LIFT OFF HINGES - P1859

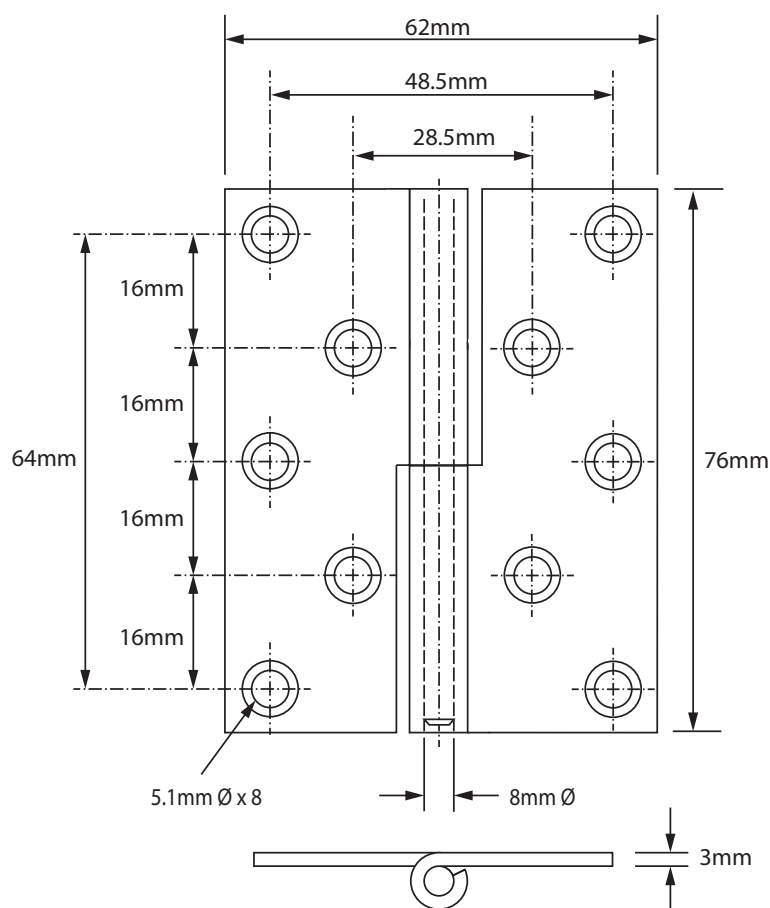


P1859 is a standard style lift-off hinge, which is typically supplied with countersunk holes as per the below drawing and is available in one size.

Stocked in: Brass (self colour)

Ready to manufacture in: All materials

If this hinge is not to your exact requirements please contact us to discuss manufacturing to your specifications.

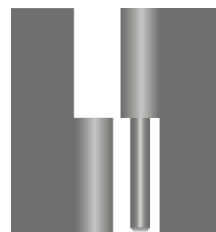


PLEASE NOTE: THESE HINGES ARE HANDED. WHEN ORDERING, PLEASE SPECIFY IF THE HINGE YOU NEED IS "HAND AS" OR "HAND OPPOSITE"

GW170
HAND AS



GW170
HAND OPPOSITE



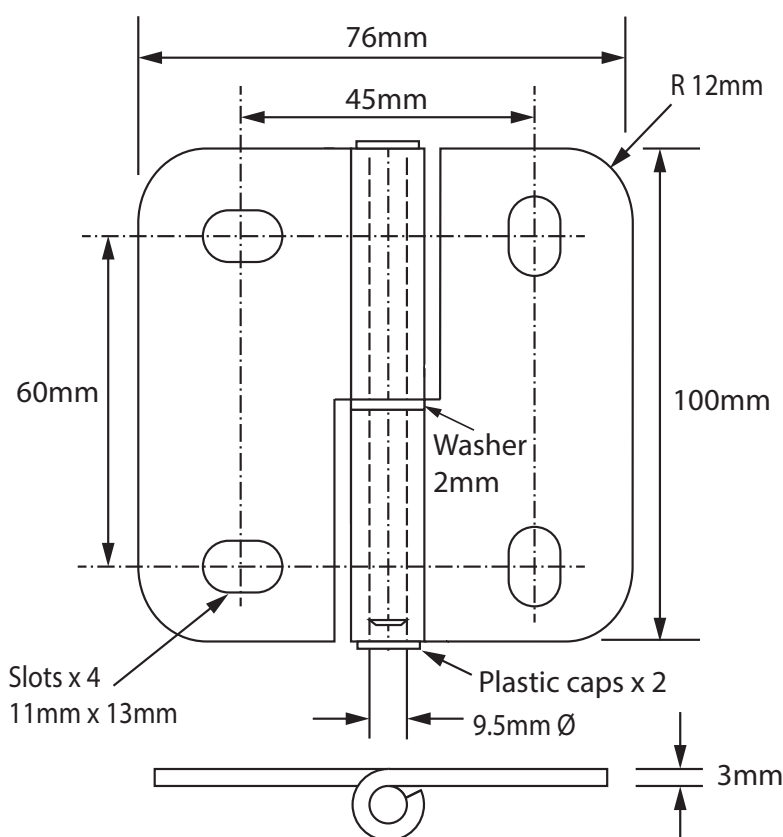
LIFT OFF HINGES - P1372

P1372 is a standard style lift-off hinge, which is supplied with slots as per the below drawing and is available in one size. P1372 is supplied with a stainless steel washer and plastic end caps.

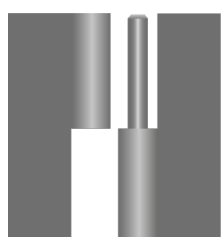
Stocked in: Mild Steel, Stainless Steel (polished)

Ready to manufacture in: All materials

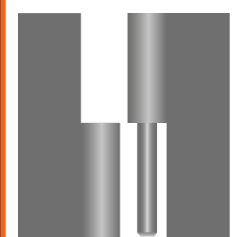
If this hinge is not to your exact requirements please contact us to discuss manufacturing to your specifications.



GW170
HAND AS



GW170
HAND OPPOSITE



PLEASE NOTE: THESE HINGES ARE HANDED. WHEN ORDERING, PLEASE SPECIFY IF THE HINGE YOU NEED IS "HAND AS" OR "HAND OPPOSITE"

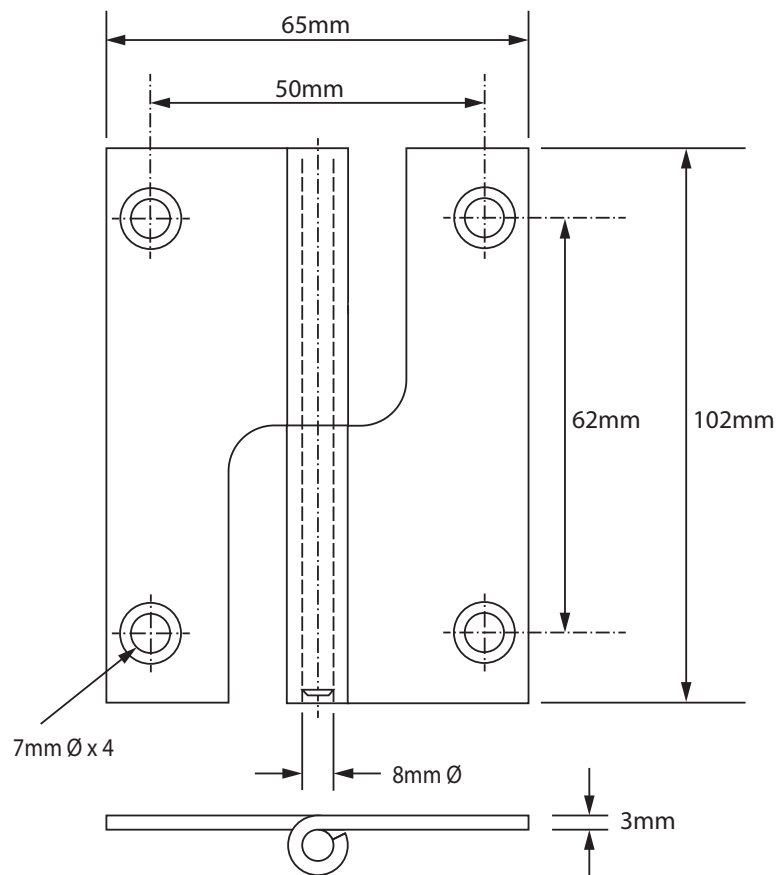
LIFT OFF HINGES - P2901

P2901 is a standard style, shaped lift-off hinge, which is typically supplied with countersunk holes as per the below drawing and is available in one size.

Stocked in: Mild Steel, Stainless Steel
Ready to manufacture in: All materials

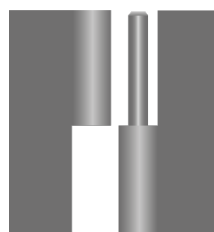


If this hinge is not to your exact requirements please contact us to discuss manufacturing to your specifications.

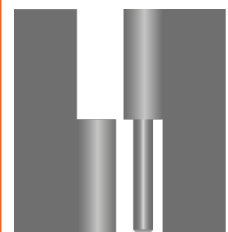


PLEASE NOTE: THESE HINGES ARE HANDED. WHEN ORDERING, PLEASE SPECIFY IF THE HINGE YOU NEED IS "HAND AS" OR "HAND OPPOSITE"

GW170
HAND AS



GW170
HAND OPPOSITE

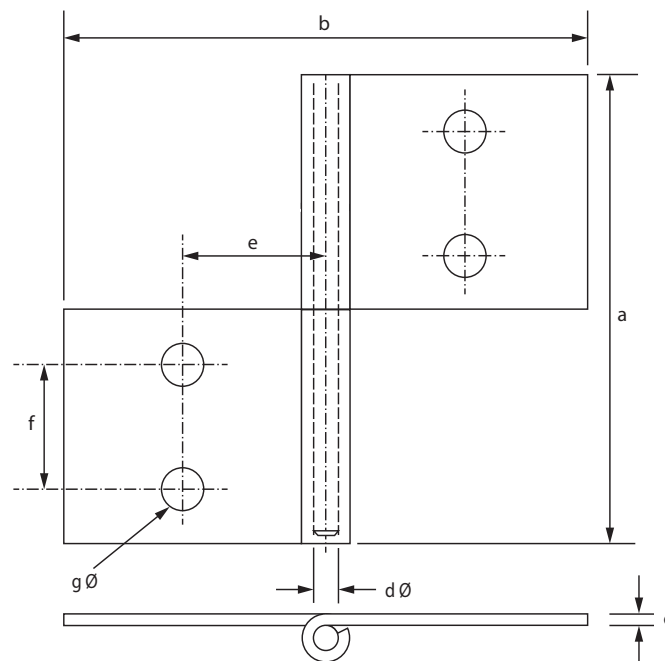


LIFT OFF HINGES - P226

Our P226 hinges are a range of flag style lift-off hinges supplied in a variety of sizes.

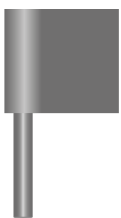
Stocked in: Mild Steel, Stainless Steel
Ready to manufacture in: All materials

All P226 stock hinges are undrilled, however we can pierce these hinges to the pattern shown below, or to your own specifications. Please get in touch to find out more.



Stock No.	a mm	b mm	c mm	d mm	e mm	f mm	g mm
P226-01	51	38	1.2	3.2	11	15	3.5
P226-02	63.5	41	1.6	4.7	12	20	4.5
P226-03	76	51	2	6.3	16	22	5
P226-04	76	90	3	8	26	24	6.6
P226-05	102	76	3	9.5	24	30	8.5
P226-06	102	76	4.5	12.7	27	30	8.5

GW171
HAND AS



GW171
HAND OPPOSITE



PLEASE NOTE: THESE HINGES ARE HANDED. WHEN ORDERING, PLEASE SPECIFY IF THE HINGE YOU NEED IS "HAND AS" OR "HAND OPPOSITE"

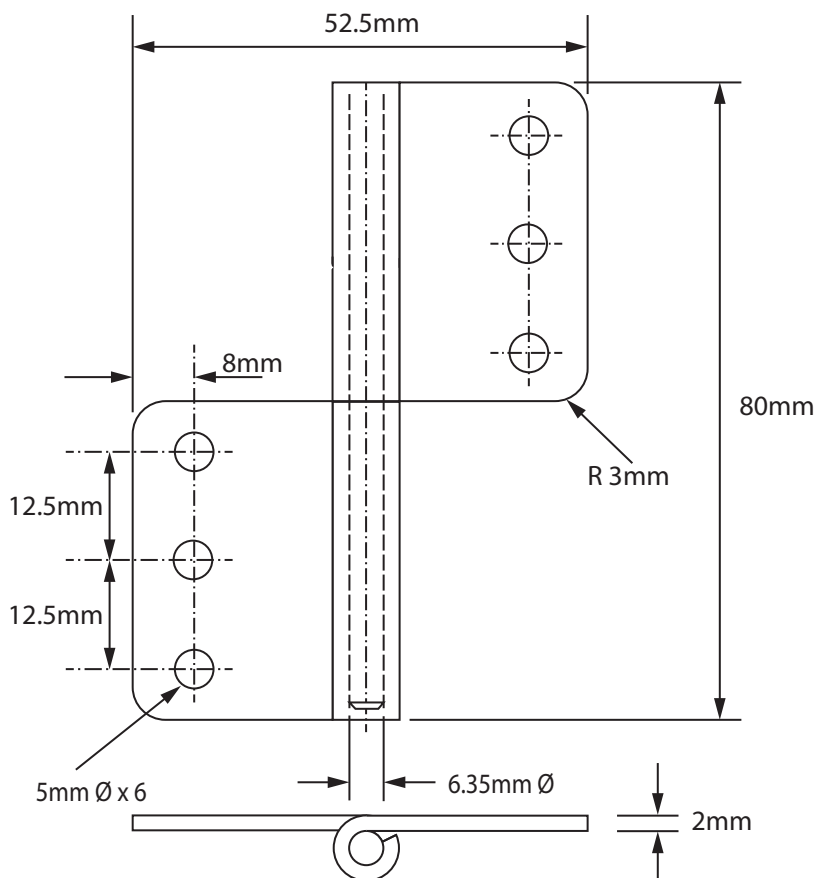
LIFT OFF HINGES - P4463

P4463 is a flag style lift-off hinge, which is typically supplied with either plain or countersunk holes as per the below drawing and is available in one size.

Stocked in: Stainless Steel

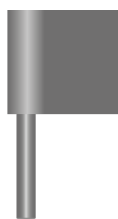
Ready to manufacture in: All materials

If this hinge is not to your exact requirements please contact us to discuss manufacturing to your specifications.

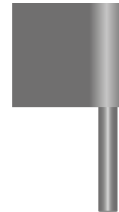


PLEASE NOTE: THESE HINGES ARE HANDED. WHEN ORDERING, PLEASE SPECIFY IF THE HINGE YOU NEED IS "HAND AS" OR "HAND OPPOSITE"

GW171
HAND AS



GW171
HAND OPPOSITE



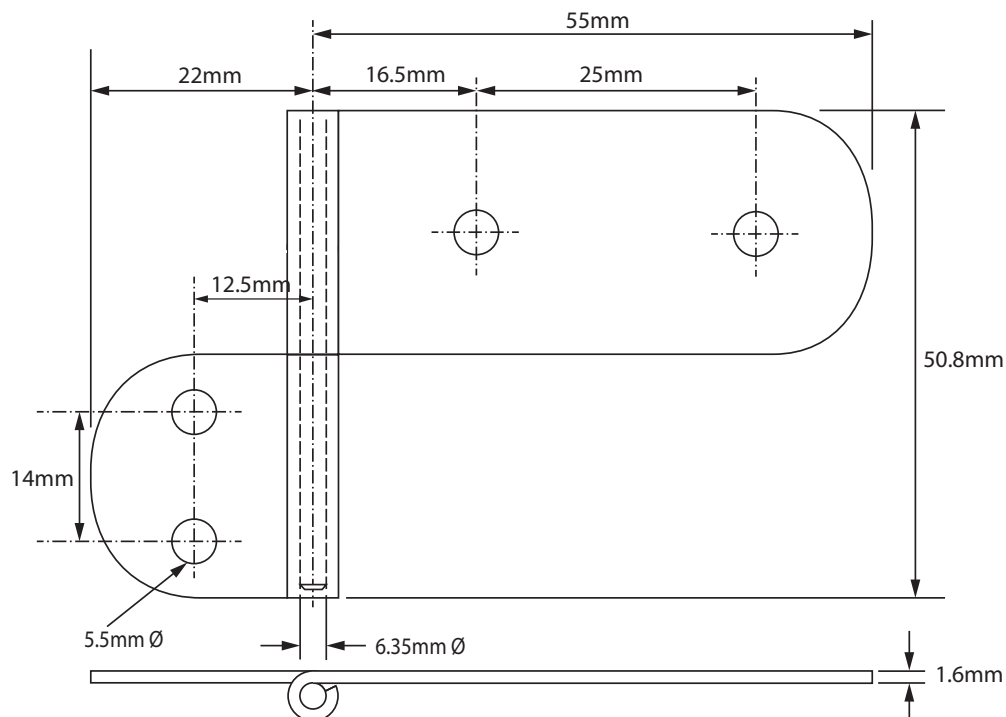
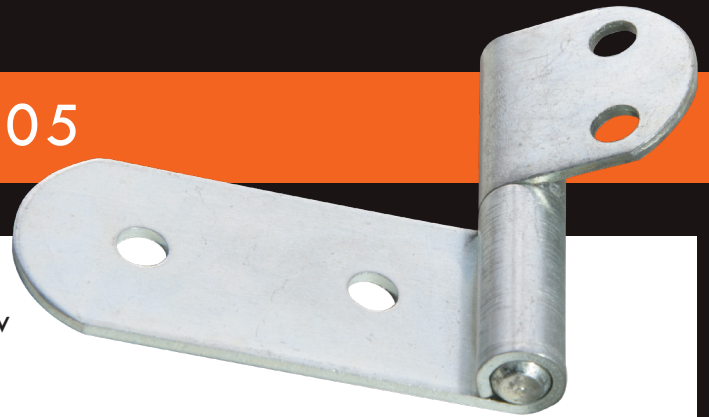
LIFT OFF HINGES - P2205

P2205 is a flag style lift-off cabinet hinge, which is supplied with holes as per the below drawing and is available in one size.

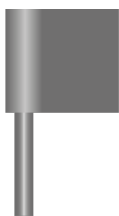
Stocked in: Mild Steel

Ready to manufacture in: All materials

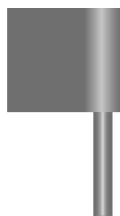
If this hinge is not to your exact requirements please contact us to discuss manufacturing to your specifications.



GW171
HAND AS



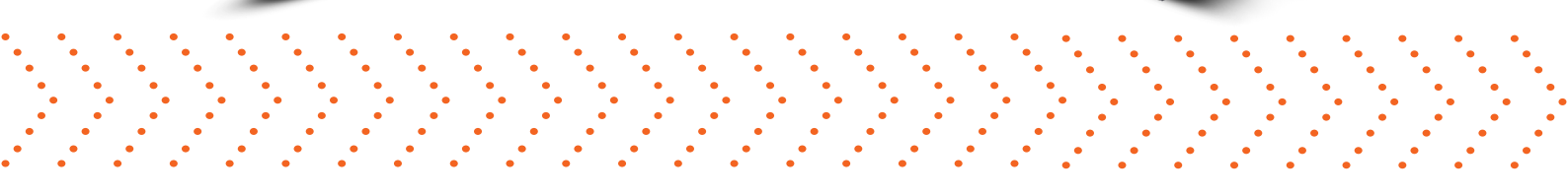
GW171
HAND OPPOSITE



PLEASE NOTE: THESE HINGES ARE HANDED. WHEN ORDERING, PLEASE SPECIFY IF THE HINGE YOU NEED IS "HAND AS" OR "HAND OPPOSITE"

BUTT & BACKFLAP

SETTING THE STANDARD



BUTT & BACKFLAP HINGES

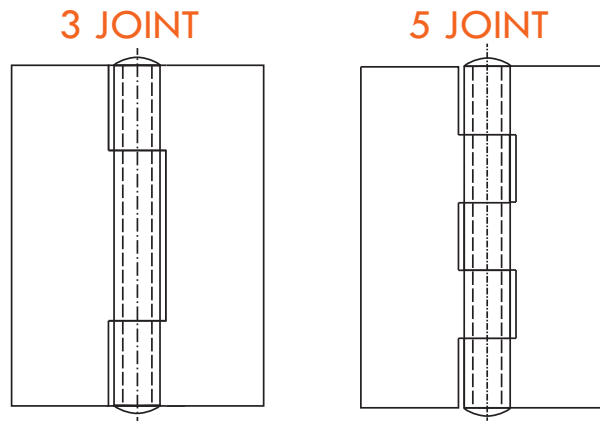
The following pages detail our standard range of butt & backflap hinges, which are supplied flat backed, undrilled and with riveted pins unless otherwise stated. These hinges can be used as they are, or can be re-worked, cranked, cropped etc to your specification.

In addition to the standard blank hinges, the majority of items are available with standard piercing options too. These details are featured in each product section.

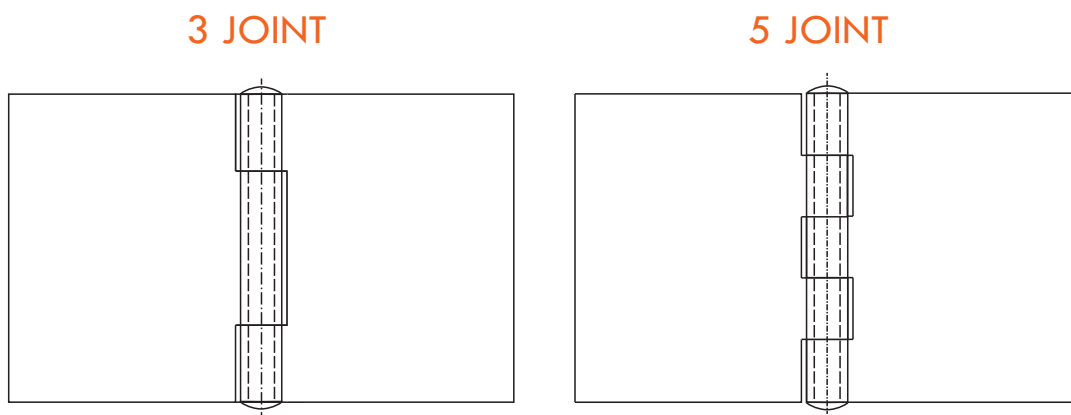
Holes are accurately pierced to match pre drilled components in sheet metalwork. For joinery and woodwork hinges (5050 / 1838 / 400) we do not offer dimensioned hole positions, as they are for use with woodwork and will offer a small amount of discrepancy on hole positions from hinge to hinge.

We are not able to illustrate every alternative, so please contact us if you cannot find the correct hinge. Our standard range comprises the following;

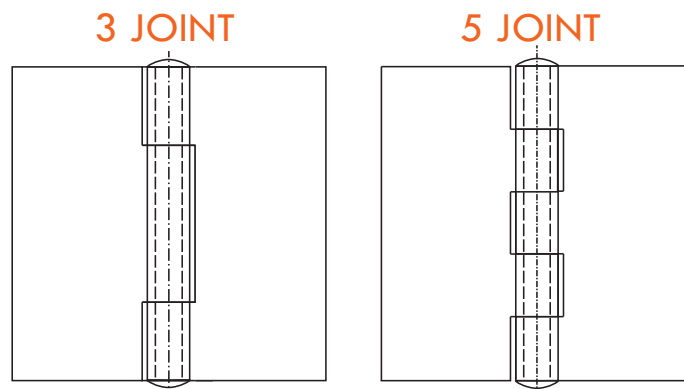
P205



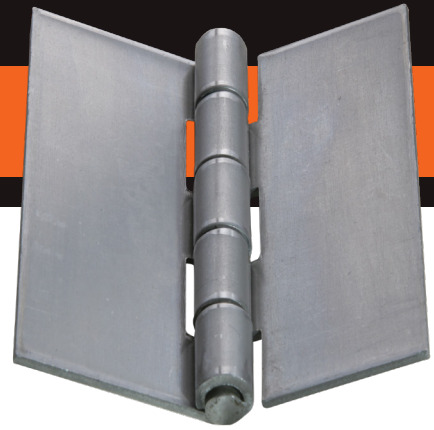
P206



P207

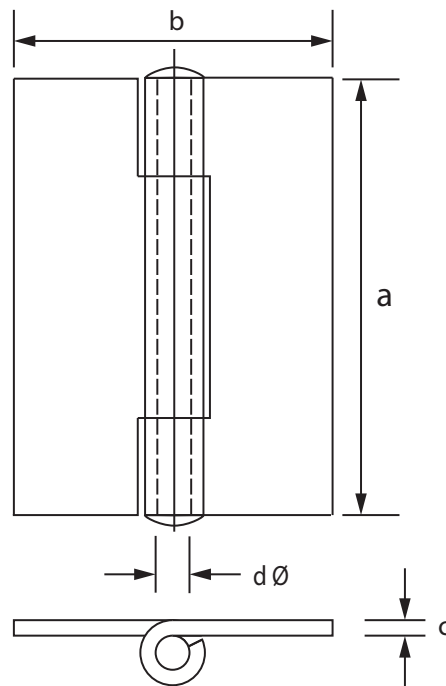


BUTT HINGES - P205



P205 is our comprehensive range of butt hinges which are supplied flat backed, usually with a riveted pin. These hinges are stocked blank but can be pierced or re-worked to your own specification. See opposite for our standard piercing options on each P205 hinge.

If this hinge is not to your exact requirements please contact us to discuss manufacturing to your specifications.

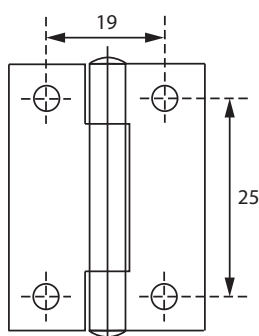


Stock No.	Stock Mat.	a mm	b mm	c mm	d mm	No. Joints	Pin Style
P205-01	MS	25	24	1.2	2.6	3	Riv
P205-02	MS	38	34	1.4	2.6	3	Riv
P205-03	MS	51	32.5	1.2	3	5	Riv
P205-04	MS, SS, A	51	38	1.2	3	3	Riv/Flush
P205-05	MS	51	38	1.4	3	3	Riv
P205-06	MS	64	41	1.6	3.35	5	Riv
P205-07	MS	75	48	1.6	4.5	5	Riv
P205-08	MS, SS	76	51	2	4.7	5	Riv*
P205-09	MS	76	62	2.5	5.5	5	Riv
P205-10	MS, SS	102	76	2	4.7	5	Riv*
P205-11	MS, SS	102	76	3	6.3	5	Riv*
P205-12	MS	152	76	2.5	5.5	5	Riv
P205-13	MS	152	90	3	8	7	Riv
P205-14	MS	152	102	4.5	12.7	4	Flush
P205-15	MS	152	102	4.5	12.7	5	Flush

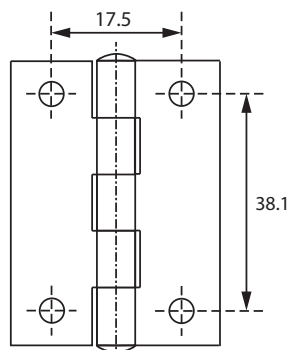
All the above sizes can be manufactured in all materials. Pin styles marked * have the option of a Phosphor Bronze pin.

BUTT HINGES - P205 PIERCING

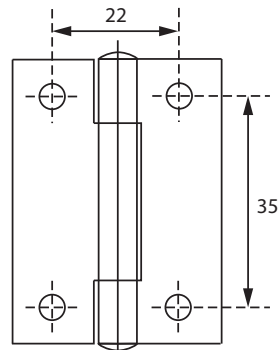
P205-02
(dia. 3.5)



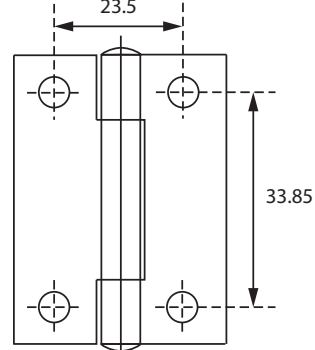
P205-03
(dia. 3.5)



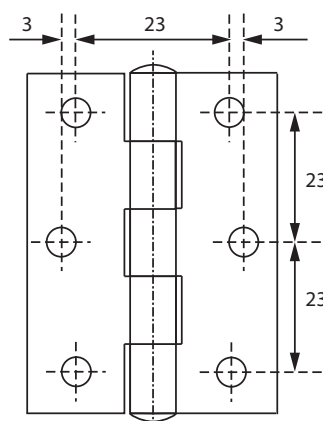
P205-04
(dia. 3.5/4.2)



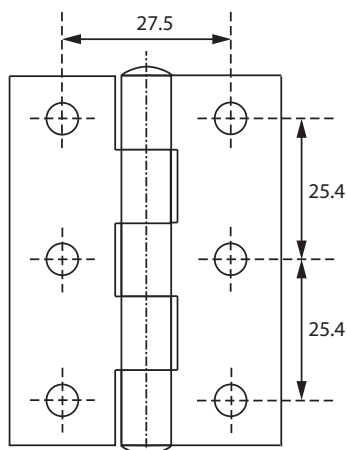
P205-05
(dia. 5.5)



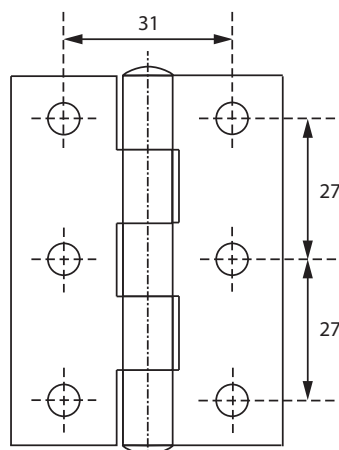
P205-06
(dia. 5.5)



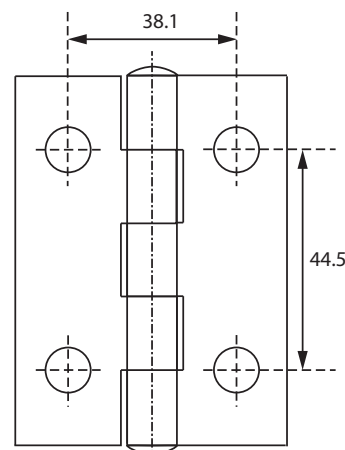
P205-07
(dia. 4.5)



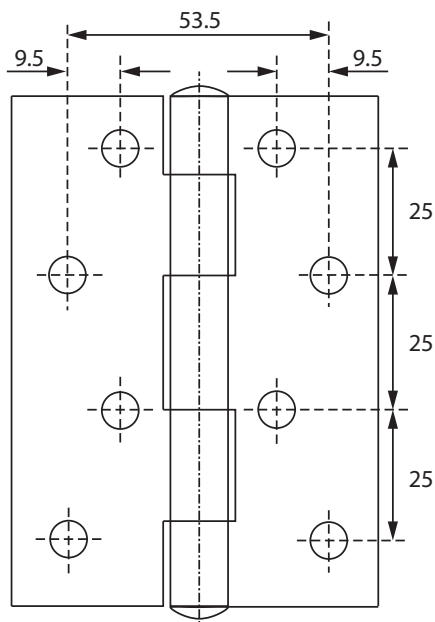
P205-08
(dia. 5.5)



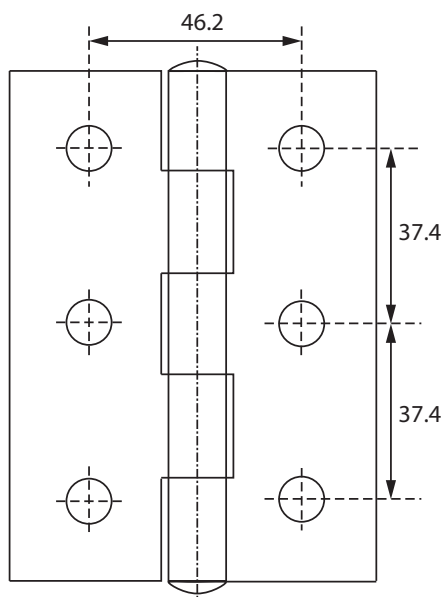
P205-09
(dia. 6.5)



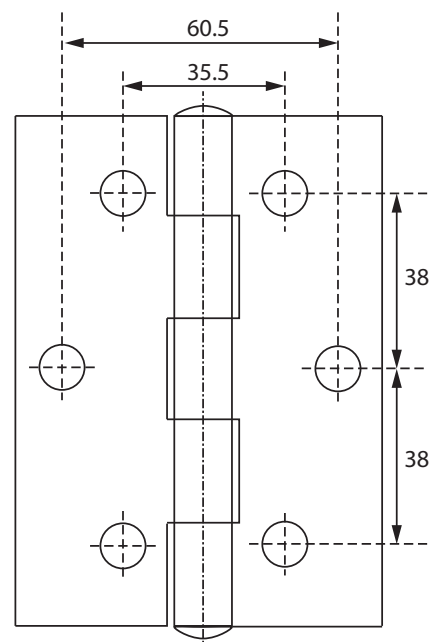
P205-10
(dia. 5.5)



P205-10A
(dia. 6.5)



P205-11
(dia. 6.5)

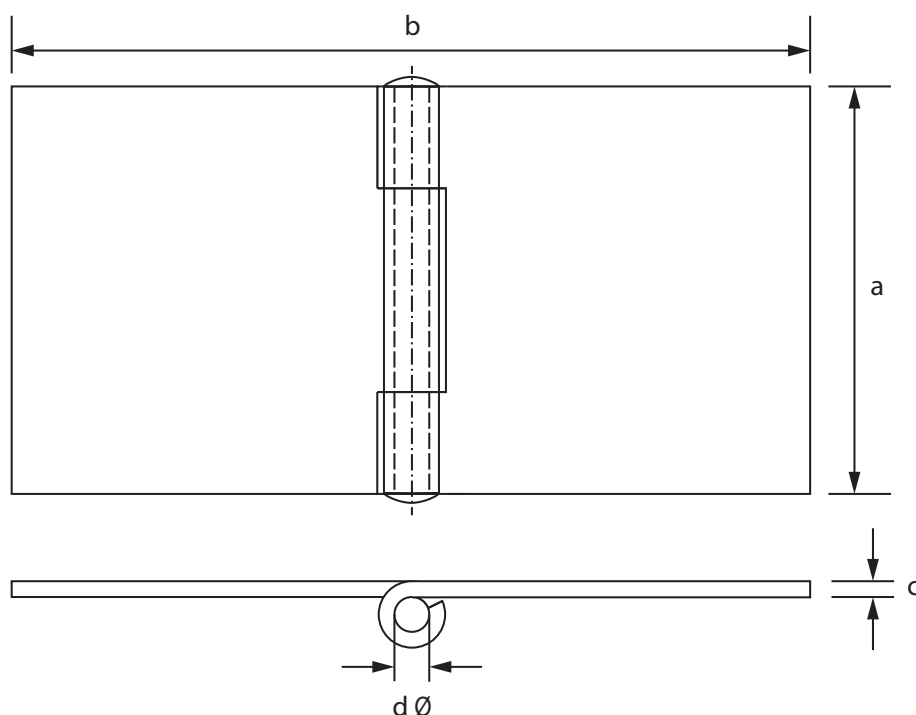


BACKFLAP HINGES - P206



P206 is our comprehensive range of backflap hinges which are supplied flat backed, with a riveted pin. These hinges are stocked blank but can be pierced or re-worked to your own specification. See opposite for our standard piercing options on each P206 hinge.

If this hinge is not to your exact requirements please contact us to discuss manufacturing to your specifications.

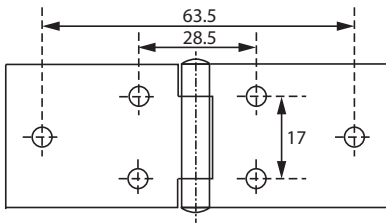


Stock No.	Stock Mat.	a mm	b mm	c mm	d mm	No. Joints	Pin Style
P206-01	MS, SS	25	73	1.6	3.2	3	Riv*
P206-02	MS, SS	32	82.5	1.6	3.2	3	Riv*
P206-03	MS	32	111	2.3	5	3	Riv
P206-04	MS	38	82.5	1.6	3	3	Riv
P206-05	MS	38	111	2.3	5	3	Riv
P206-06	MS	38	111	3	4.8	3	Riv
P206-07	MS	51	102	1.6	4	5	Riv
P206-08	MS	51	111	2	4.8	3	Riv
P206-09	MS, SS	63.5	150	3	5.5	3	Riv*
P206-10	MS, SS	76	152	3	5.5	5	Riv*
P206-11	MS, SS	102	254	3	6.3	5	Riv*

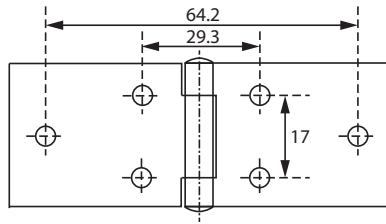
All the above sizes can be manufactured in all materials. Pin styles marked * have the option of a Phosphor Bronze pin.

BACKFLAP HINGES - P206 PIERCING

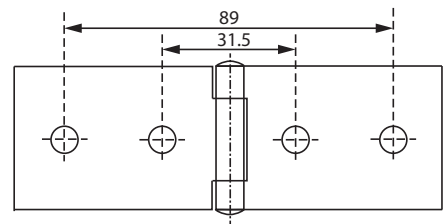
P206-01 (Hole dia. 3.2mm)



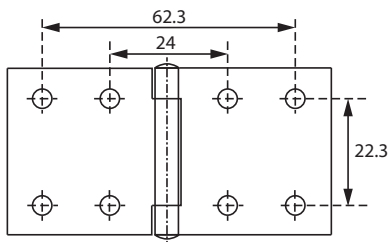
P206-02 (dia. 3.2mm)



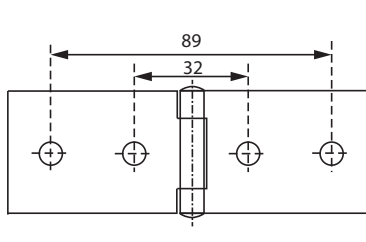
P206-03 (dia. 7mm)



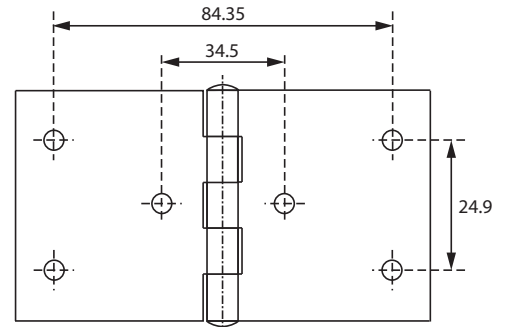
P206-04 (dia. 5.1mm)



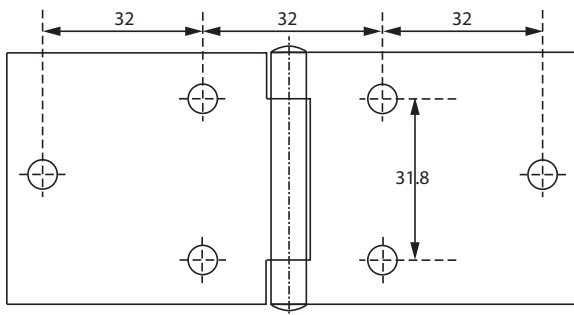
P206-05 (dia. 7mm)



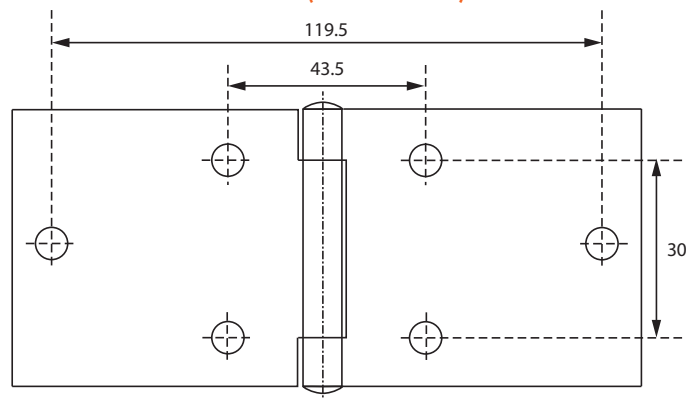
P206-07 (dia. 4.5mm)



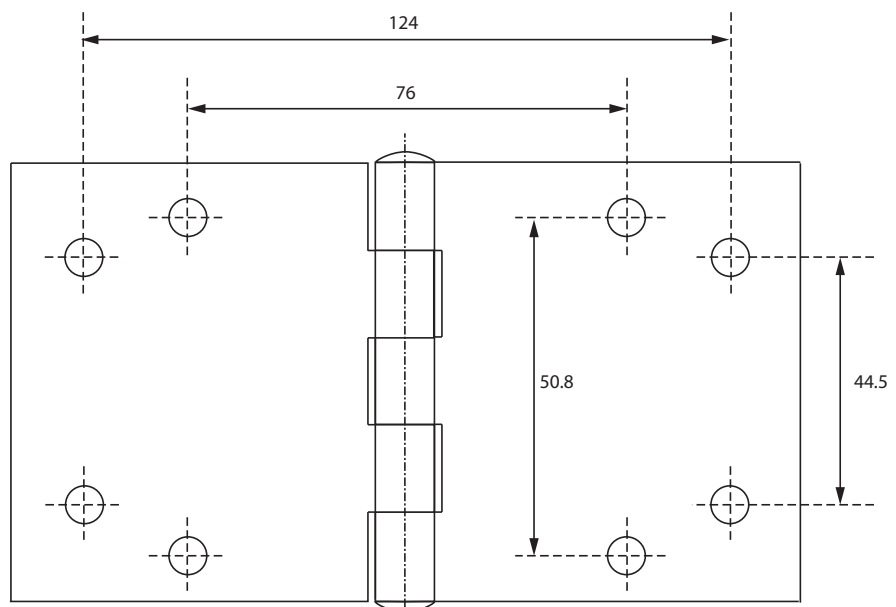
P206-08 (dia. 5.1mm)



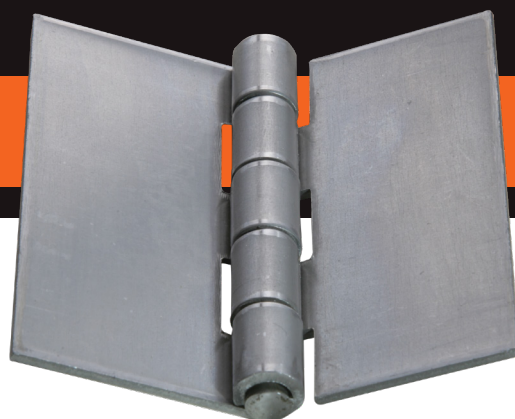
P206-09 (dia. 6.4mm)



P206-10
(dia. 5.5mm)



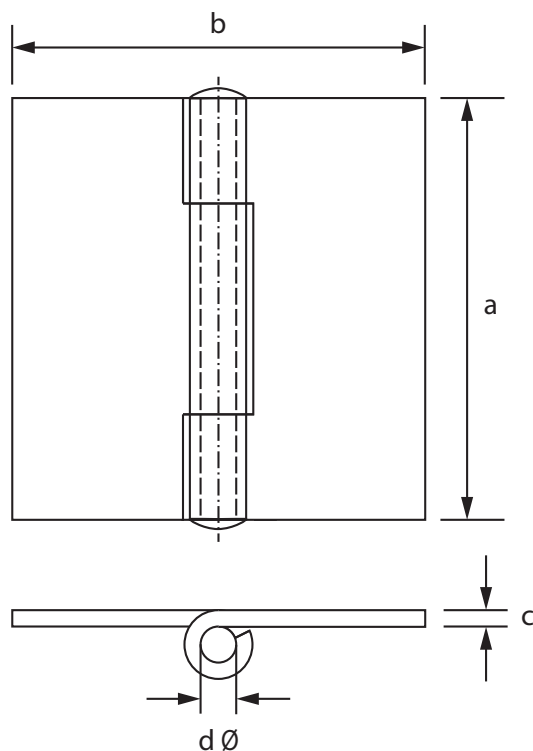
BUTT HINGES - P207



P207 is our comprehensive range of butt hinges which are supplied flat backed, with a riveted pin.

These hinges are stocked blank but can be pierced or re-worked to your own specification. See opposite for our standard piercing options on each P207 hinge.

If this hinge is not to your exact requirements please contact us to discuss manufacturing to your specifications.

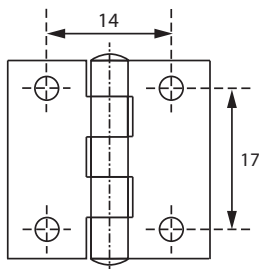


Stock No.	Stock Mat.	a mm	b mm	c mm	d mm	No. Joints	Pin Style
P207-01	MS, SS	25	25	1	2.3	4	Flush
P207-02	MS	38	38	1.2	3	5	Riv
P207-03	MS, SS	38	38	1.6	2.6	5	Riv
P207-04	MS, SS, A	51	51	1.6	4	5	Flush/Riv
P207-05	MS	51	51	2	4.5	5	Riv
P207-06	MS	51	51	3	6.3	5	Riv
P207-07	MS, SS	63.5	63.5	1.6	3.2	5	Riv
P207-08	MS	63.5	63.5	2	4.8	3	Riv
P207-09	MS	76	76	2	6.3	5	Riv
P207-10	MS	76	76	2.5	5.5	5	Riv
P207-11	MS, SS, A	76	76	3	5.5	5	Riv*
P207-12	MS, SS	102	102	3	6.3	5	Riv*
P207-13	MS	102	102	4	9.5	5	Flush
P207-14	MS	102	102	4.5	12	3	Flush
P207-15	MS	127	127	4.5	12.7	3	Flush
P207-16	MS	152	152	4.5	12.7	4	Flush

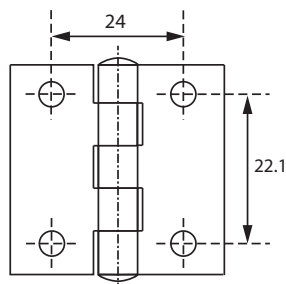
All the above sizes can be manufactured in all materials. Pin styles marked * have the option of a Phosphor Bronze pin.

BUTT HINGES - P207 PIERCING

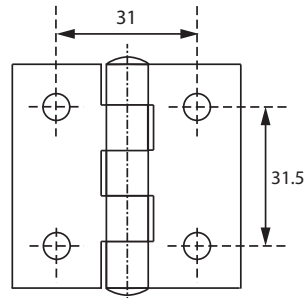
P207-01 (dia. 3.5mm)



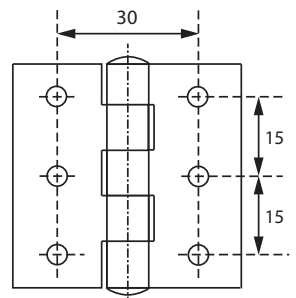
P207-03 (dia. 3.4)



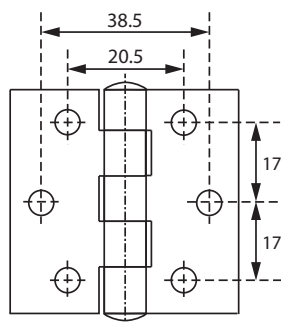
P207-04a (dia. 5.0)



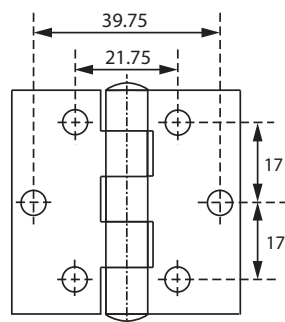
P207-04b (dia. 3.5)



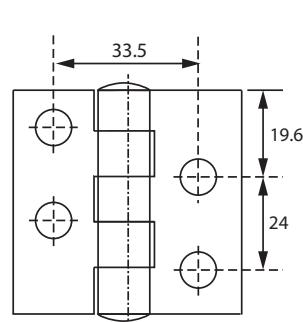
P207-04c (dia. 5.0)



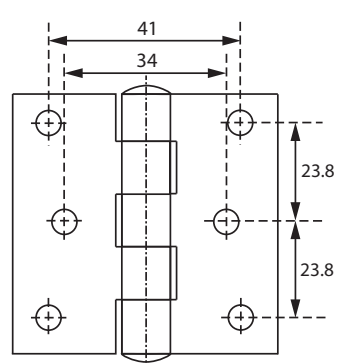
P207-05 (dia. 5.0)



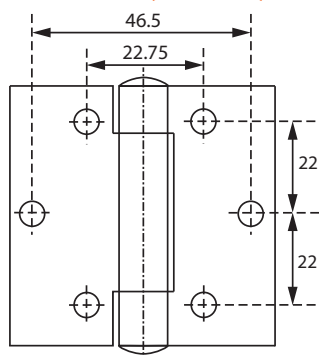
P207-06 (dia. 7.1)



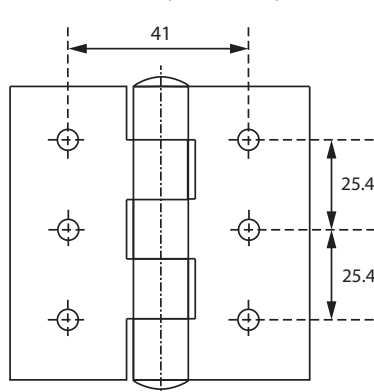
P207-07 (dia. 4.6)



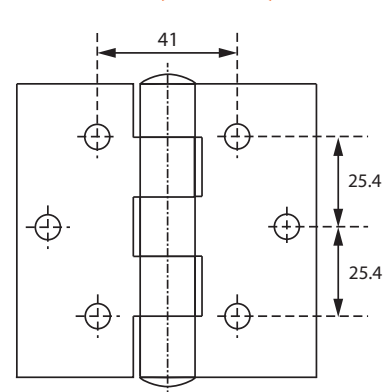
P207-08 (dia. 5.0)



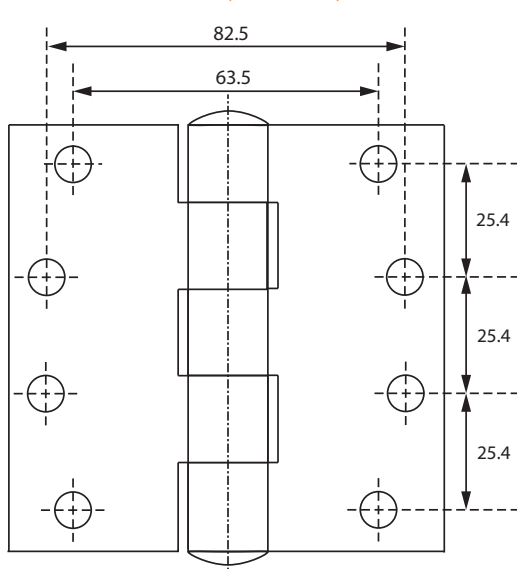
P207-09 (dia. 4.3)



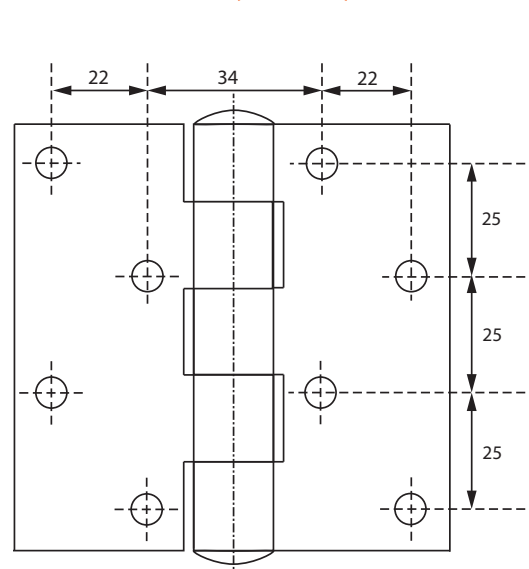
P207-11 (dia. 5.0)



P207-12a (dia. 7.5)



P207-12b (dia. 4.5)



BUTT HINGES - 1838

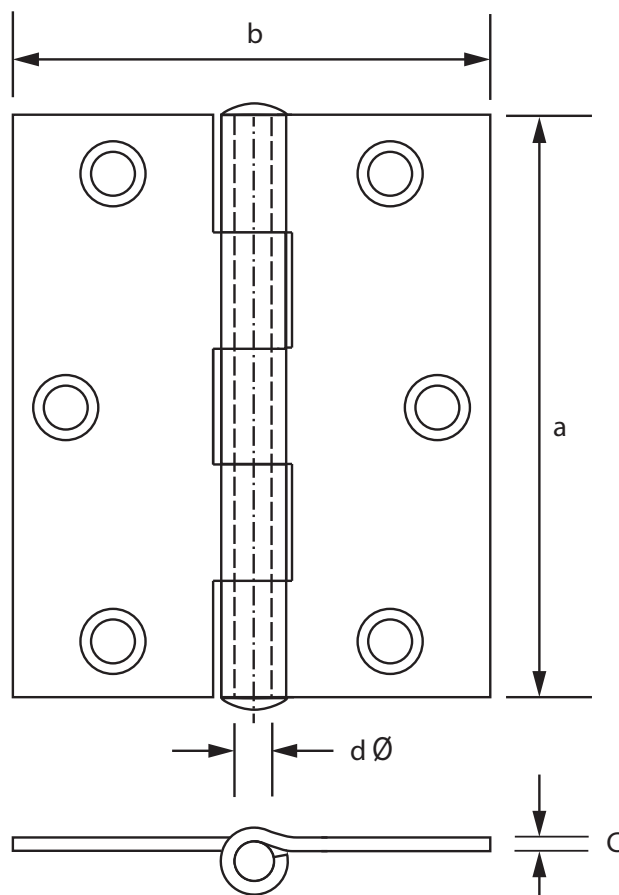


1838 is our comprehensive range of butt hinges which are supplied swaged, with a riveted pin and countersunk holes. These hinges are typically used in joinery and woodwork applications.

If this hinge is not to your exact requirements please contact us to discuss manufacturing to your specifications.

Stocked in: Mild Steel

Ready to manufacture in: All materials



Stock No.	a mm	a in	b mm	c mm	d mm	No. Holes	CSK No.
1838-01	25	1	23	1.18	2.65	4	4
1838-02	38	1 1/2	35	1.4	2.65	4	5
1838-03	50	2	38	1.4	3	4	6
1838-04	63	2 1/2	41.5	1.4	3.35	6	6
1838-05	75	3	50	1.5	4	6	7
1838-06	90	3 1/2	63	1.8	4.75	6	8
1838-07	100	4	71	1.9	6	8	8
1838-08	150	6	98	2.24	8.50	8	10

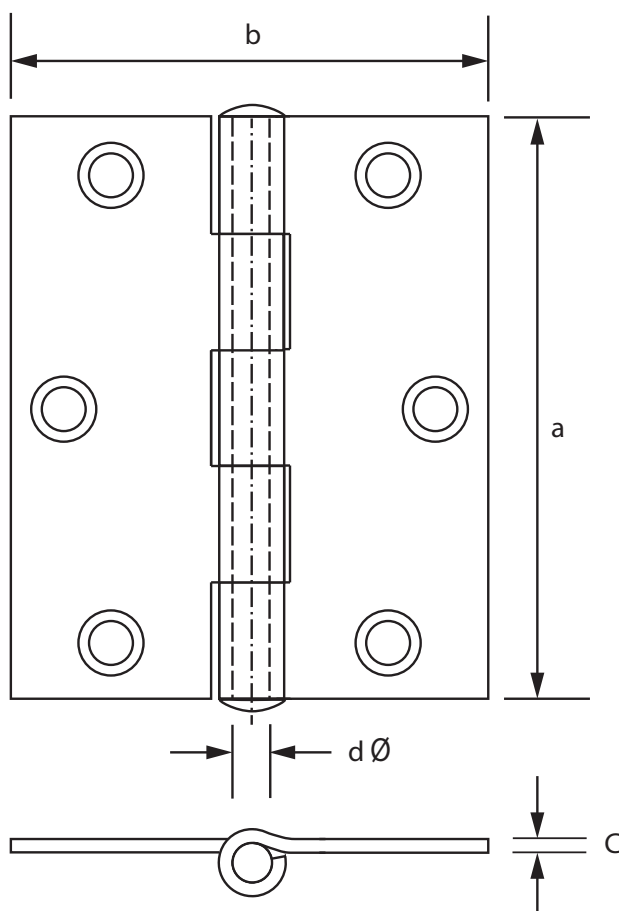
BUTT HINGES - 1840

1840 is our range of butt hinges which are supplied swaged, with a loose pin and countersunk holes. These hinges are typically used in joinery and woodwork applications.

If this hinge is not to your exact requirements please contact us to discuss manufacturing to your specifications.

Stocked in: Mild Steel

Ready to manufacture in: All materials



Stock No.	a mm	a in	b mm	c mm	d mm	No. Holes	CSK No.
1840-01	50	2	38	1.4	3	4	6
1840-02	63	2 1/2	41.5	1.4	3.35	6	6
1840-03	75	3	50	1.5	4	6	7
1840-04	90	3 1/2	63	1.8	4.75	6	8
1840-05	100	4	71	1.9	6	8	8

BUTT HINGES - 5050

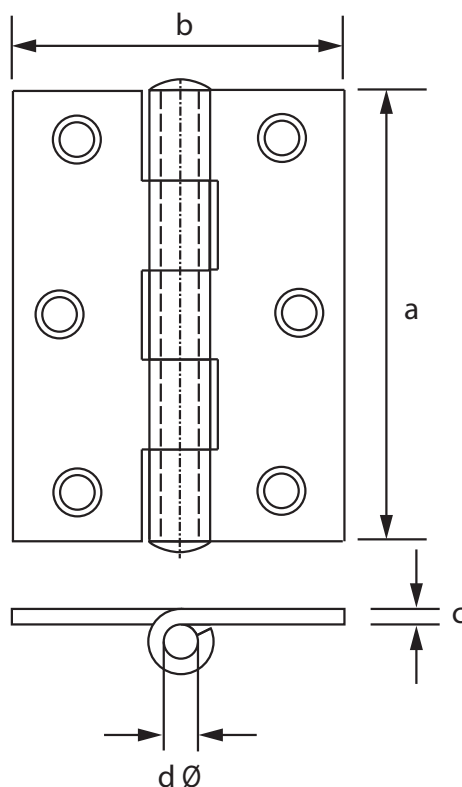


5050 is our comprehensive range of light butt hinges which are supplied flat backed with a riveted pin. These hinges are typically used in joinery and woodwork applications.

If this hinge is not to your exact requirements, please contact us to discuss manufacturing to your specifications.

Stocked in: Mild Steel

Ready to manufacture in: All materials



Stock No.	a mm	a in	b mm	c mm	d mm	No. Holes	CSK No.
5050-01	25	1	24	1.18	2.65	4	4
5050-02	40	1 1/2	34	1.4	2.65	4	5
5050-03	50	2	35	1.4	3	4	6
5050-04	63	2 1/2	41.5	1.5	3.35	6	6
5050-05	75	3	50	1.5	4	6	7
5050-06	100	4	54	1.8	4.75	8	8
5050-07	125	5	65	1.8	4.75	8	8
5050-08	150	6	75	2	5.3	8	8

* For undrilled (blank) hinges, please see our P205 range on page 38

BUTT HINGES - 450/451

450 / 451 is our range of strong butt hinges which can be supplied swaged or flat-backed. These hinges can also be supplied with loose or riveted pins and with or without countersunk holes. 450 / 451 hinges are typically used in joinery and woodwork applications.



If this hinge is not to your exact requirements, please contact us to discuss manufacturing to your specifications.

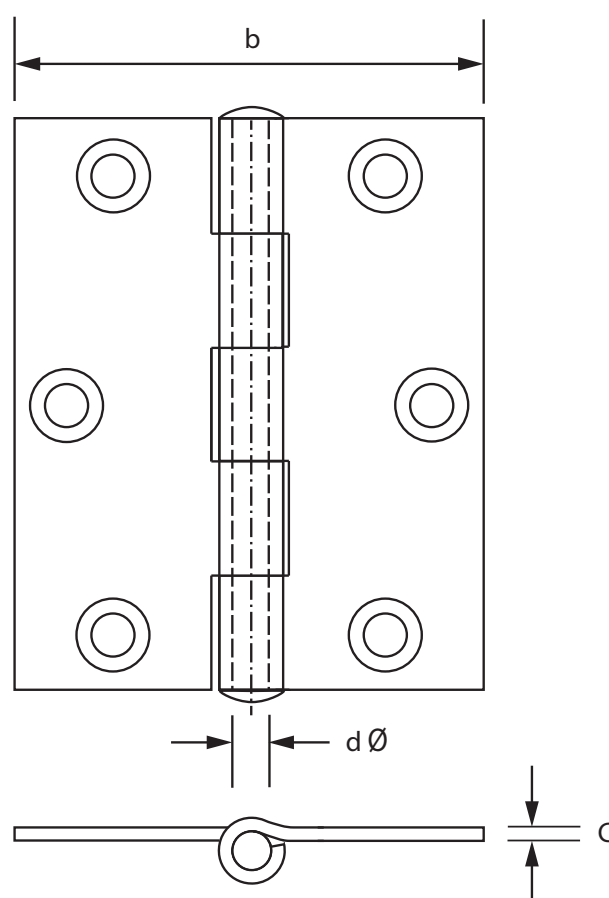
Stocked in: Not currently stocked

Ready to manufacture in: All materials

450 - FLAT BACKED



451 - SWAGED



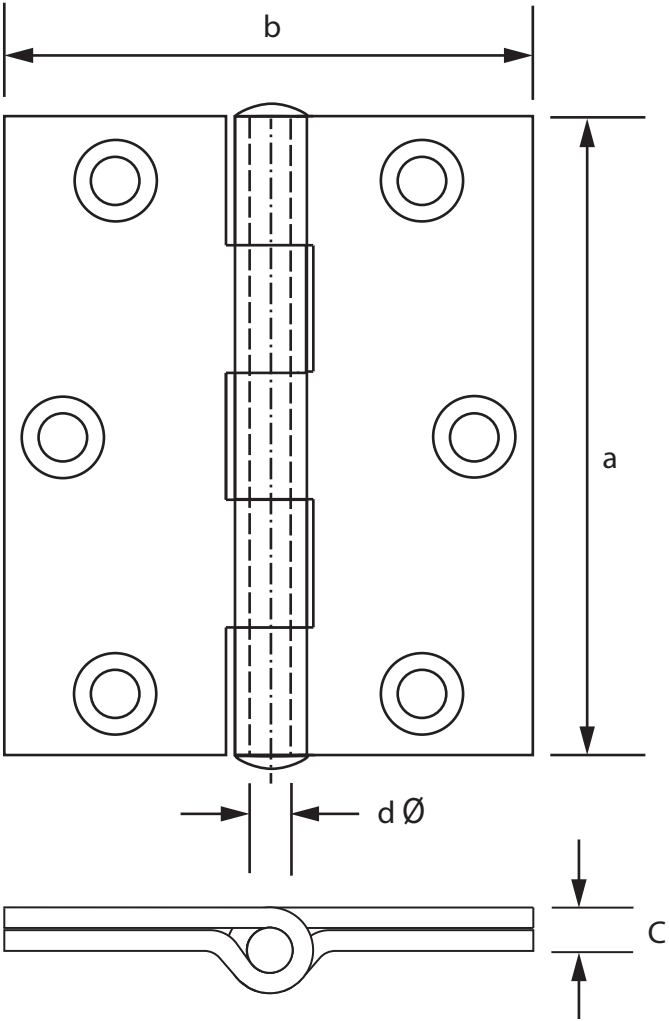
Stock No.	a mm	a in	b mm	c mm	d mm	No. Holes	CSK No.
450/1-01	50	2	47	1.8	4.5	4	8
450/1-02	63	2 1/2	50	1.8	4.5	6	8
450/1-03	75	3	63	1.8	5.3	6	10
450/1-04	90	3 1/2	68	2.65	5.3	6	10
450/1-05	100	4	73	2.65	6	8	10

BUTT HINGES - 899

899 is our range of extra strong double metal butt hinges which are supplied flat backed with a riveted pin. These hinges are available with or without countersunk holes.

If this hinge is not to your exact requirements please contact us to discuss manufacturing to your specifications.

Stocked in: Mild Steel



Stock No.	a mm	a in	b mm	c mm	d mm	No. Holes	CSK No.
899-01	76	3	58	3.55	6	6	10
899-02	101.6	4	72	4	7	8	12
899-03	152	6	100	6	9	8	14

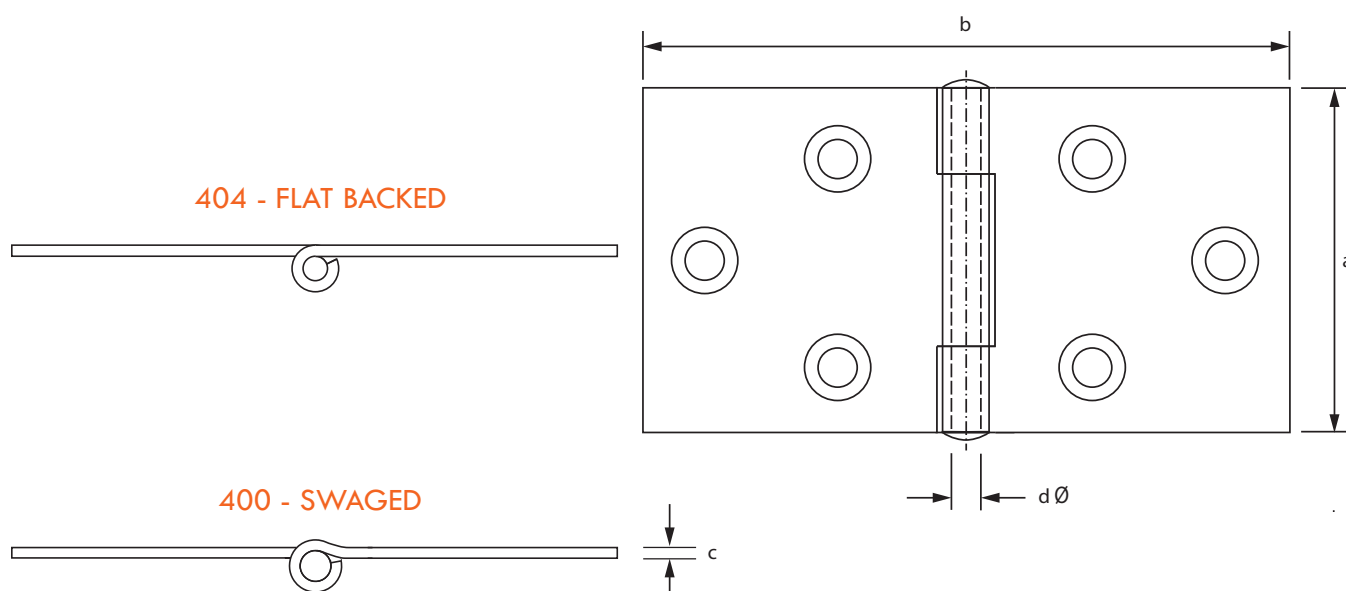
BACKFLAP HINGES - 400/404



400/404 is our range of backflap hinges which are supplied either swaged or flat-backed, and are available with or without countersunk holes. These hinges are typically used in joinery and woodworking applications.

If this hinge is not to your exact requirements please contact us to discuss manufacturing to your specifications.

Stocked in: Mild Steel



Stock No.	a mm	a in	b mm	c mm	d mm	No. Holes	CSK No.
400/4-01	20	3/4	70	1.4	3	4	6
400/4-02	25	1	76	1.6	3	6	6
400/4-03	32	1 1/4	81	1.6	3.55	6	7
400/4-04	38	1 1/2	89	1.6	3.55	6	8
400/4-05	45	1 3/4	98	1.8	4	6	8
400/4-06	50	2	106	1.8	4	6	8
400/4-07	63	2 1/2	152	2.24	6.3	6	10
400/4-08	75	3	165	2.65	7.1	6	10



SPECIAL PURPOSE

TARGETED SOLUTIONS



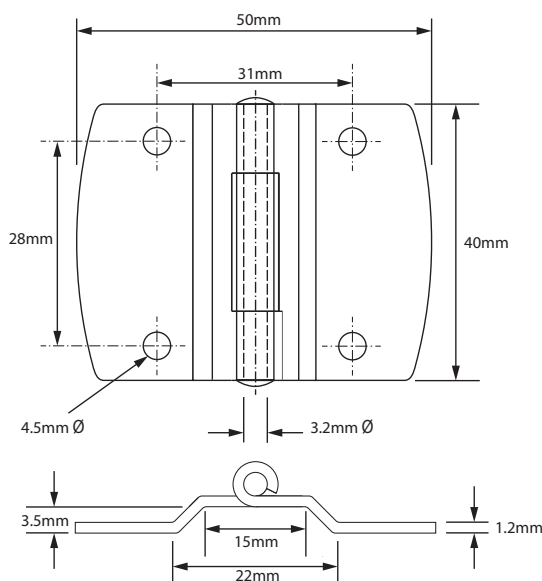
SPECIAL PURPOSE HINGES

P456

A special purpose hinge
supplied with riveted pins.
Available with or without holes.

Stocked in:
Mild Steel (Self colour)
Mild Steel (Powdercoat black)

Ready to manufacture in:
All materials

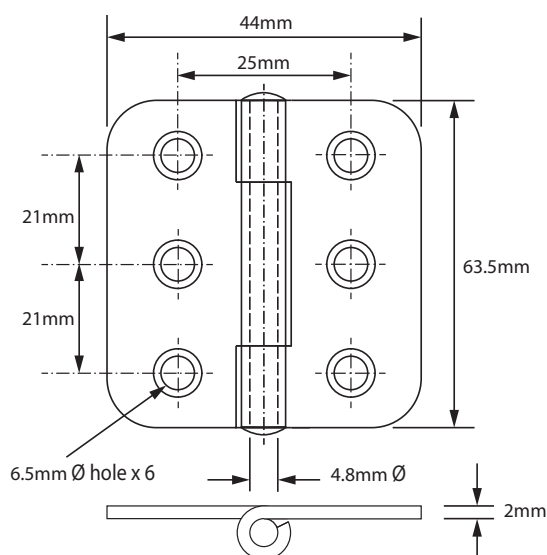


P4392

A special purpose hinge
supplied with radiused corners
and riveted pins.

Stocked in: Mild Steel

Ready to manufacture in:
All materials

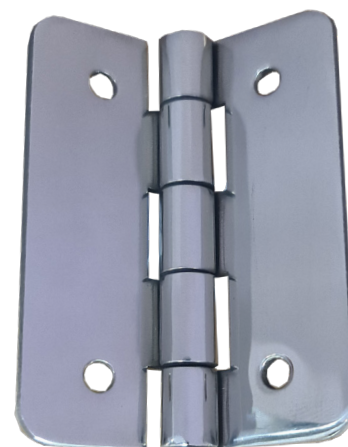
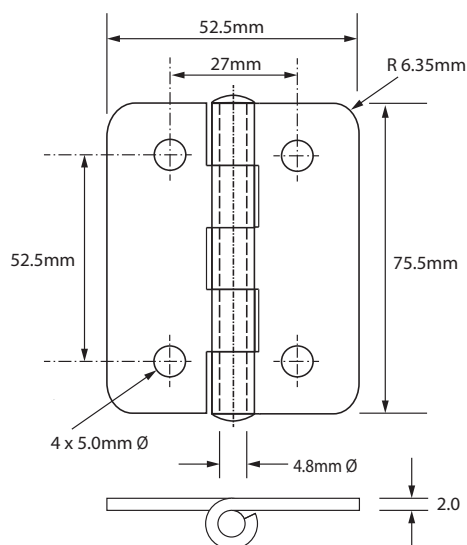


P283

A special purpose hinge
supplied with radiused corners
and Phosphor Bronze riveted pins.

Stocked in: Stainless Steel

Ready to manufacture in:
All materials



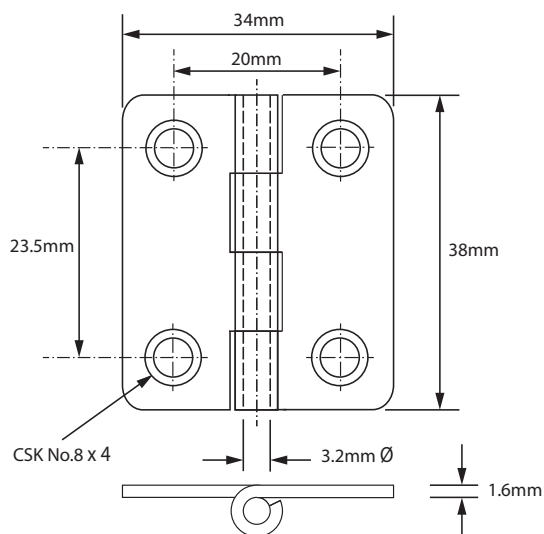
SPECIAL PURPOSE HINGES

P254

A special purpose hinge supplied with radiused corners and flush pins.

Stocked in: Stainless Steel 316

Ready to manufacture in:
All materials

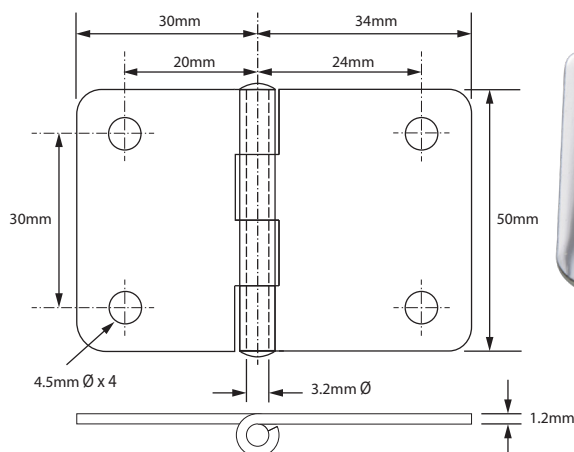


P4607

A special purpose odd-sided hinge supplied with radiused corners and riveted pins.

Stocked in: Stainless Steel

Ready to manufacture in:
All materials

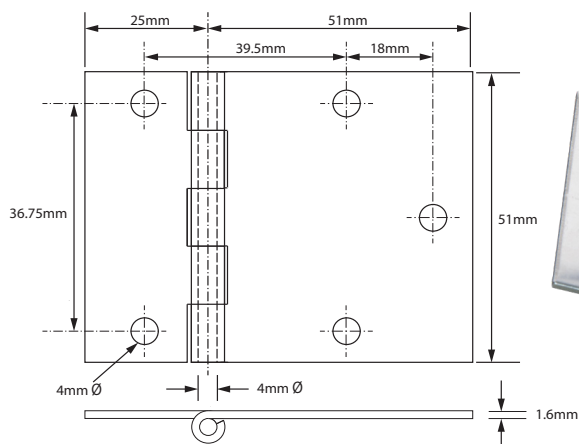


P4114

A special purpose odd-sided hinge supplied with a flush pin. Available with or without holes.

Stocked in: Stainless steel (blank)

Ready to manufacture in:
All materials



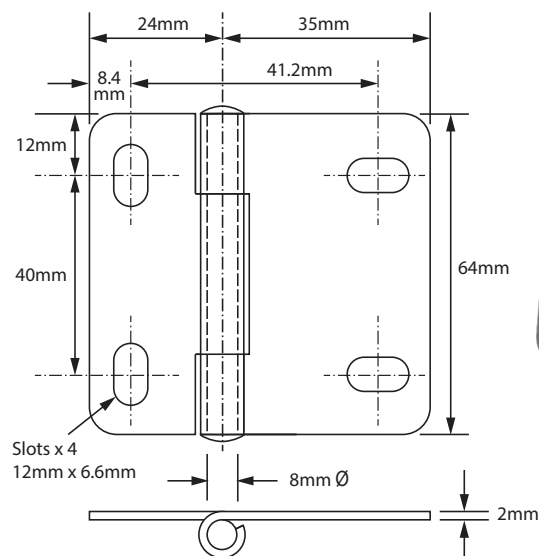
SPECIAL PURPOSE HINGES

P4591

A special purpose odd-sided hinge supplied with riveted pins.

Stocked in: Stainless Steel

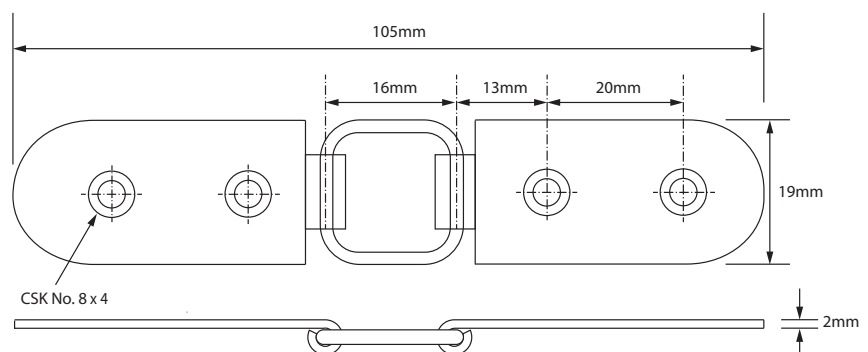
Ready to manufacture in:
All materials



P1271

A double fold loop divan hinge.

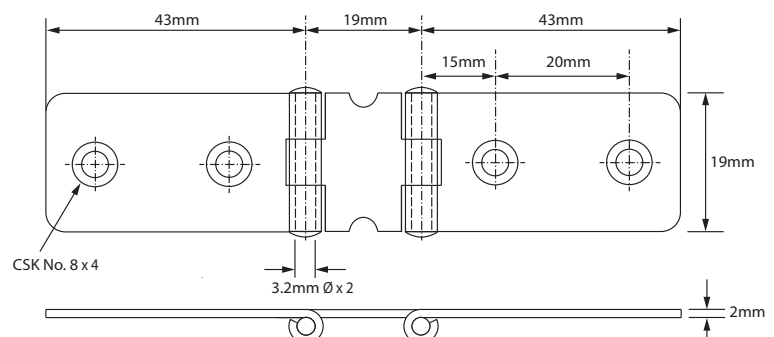
Stocked in: Mild Steel (Bright Zinc Plated)



P1071

A double fold divan hinge.

Stocked in: Mild Steel (Bright Zinc Plated)

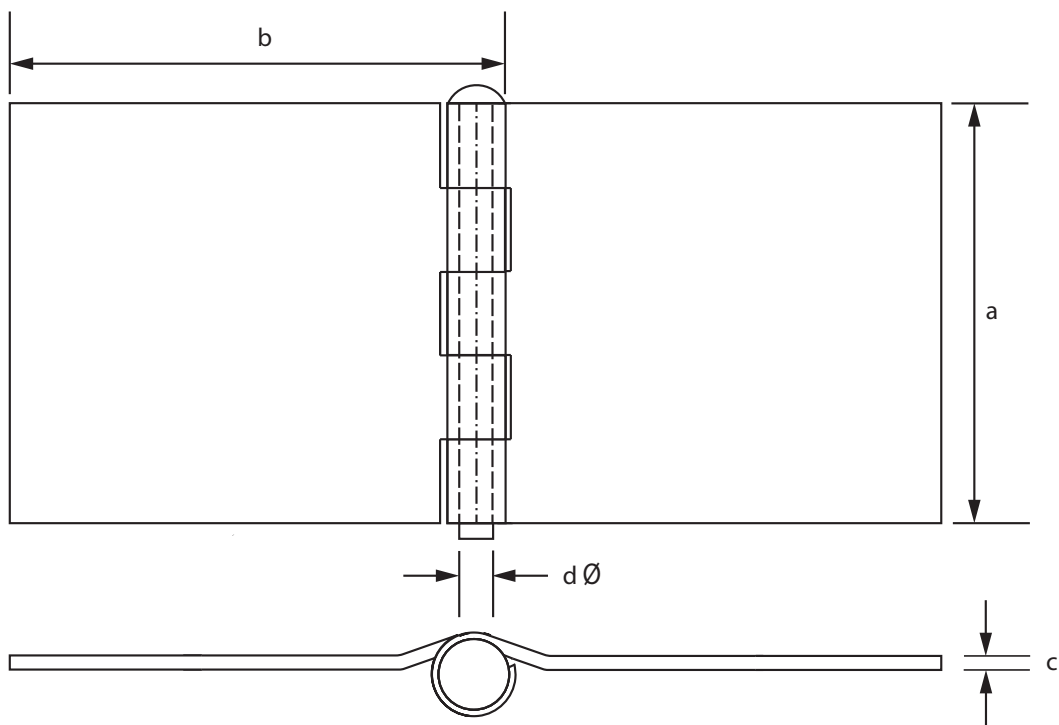
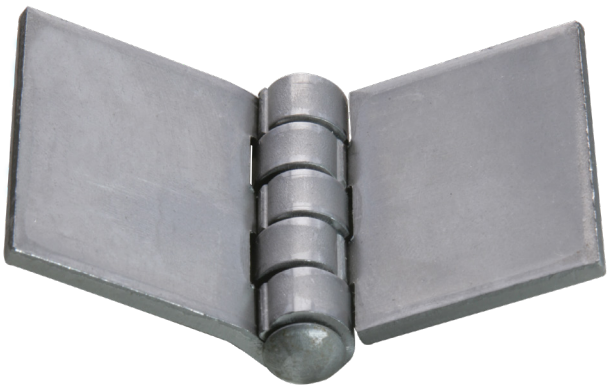


SPECIAL PURPOSE - P300 COACH HINGES

P300 is our range of robust coach hinges, supplied undrilled, swaged and with loose dome headed pins.

Stocked in: Mild Steel

If this hinge is not to your exact requirements, please contact us to discuss manufacturing to your specifications.



Stock No.	a mm	b mm	c mm	d mm
P300-01	51	50	3.5	6.35
P300-02	51	63	3.5	6.35
P300-03	51	76	3.5	6.35
P300-04	51	89	3.5	6.35
P300-05	51	100	3.5	6.35
P300-06	51	114	3.5	6.35
P300-07	51	127	3.5	6.35
P300-08	51	152	3.5	6.35

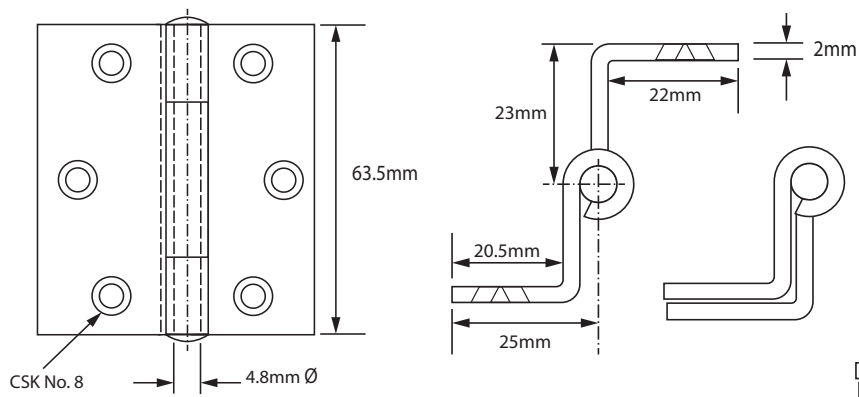
SPECIAL PURPOSE HINGES

P1951

A stormproof hinge commonly used on casement windows, allowing for a weatherproof closure to be achieved.

Stocked in: Brass

Ready to manufacture in: All materials

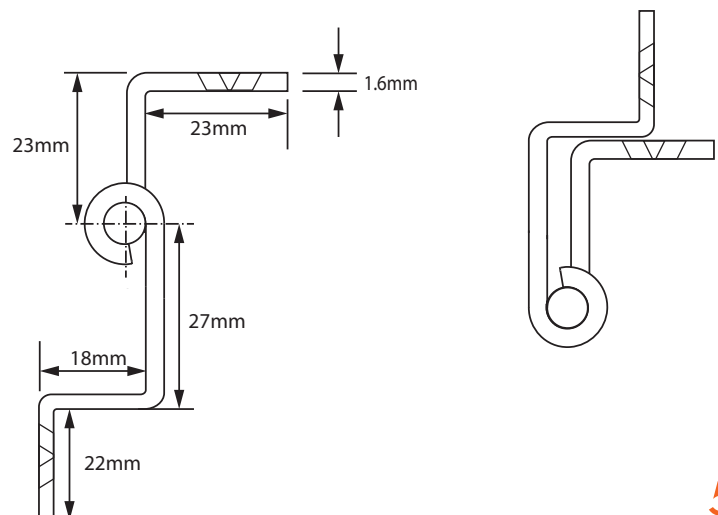
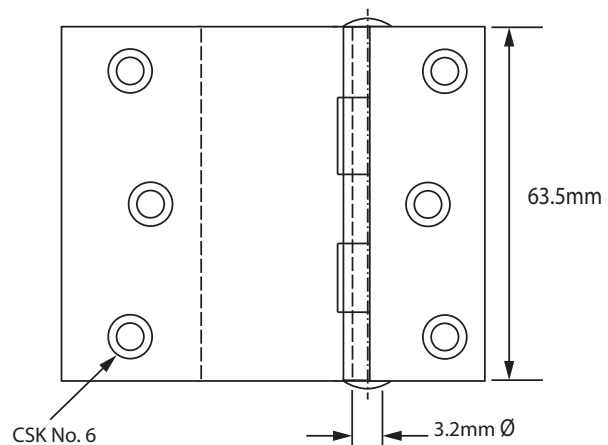


P2203

A popular cabinet hinge, with riveted pins. Especially suited to 18mm blockboard.

Stocked in: Mild Steel

Ready to manufacture in:
All materials

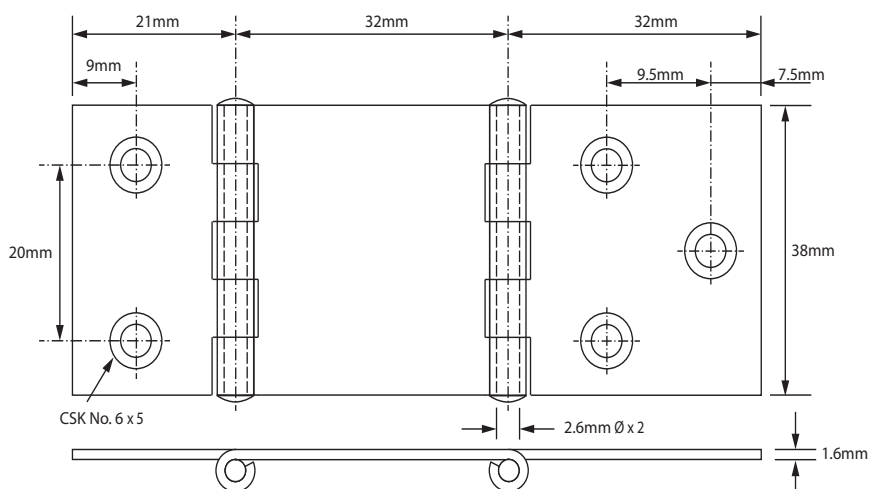
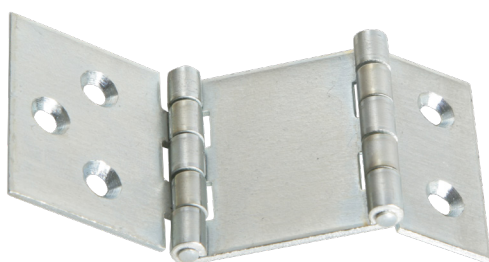


SPECIAL PURPOSE HINGES

P2433

A double knuckle hinge supplied with riveted pins and countersunk holes.

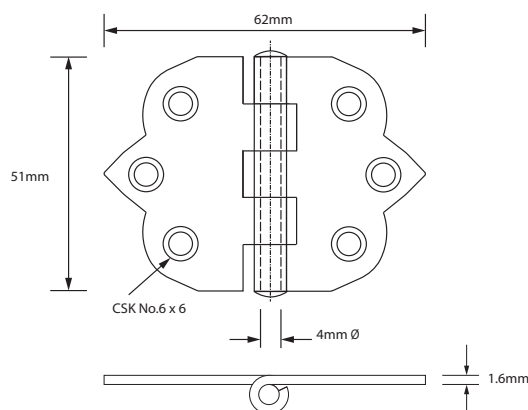
Stocked in: Mild Steel (zinc plated)



P1385

A flat backed shaped hinge with riveted pins

Stocked in: Mild steel (Florentine bronze finish)

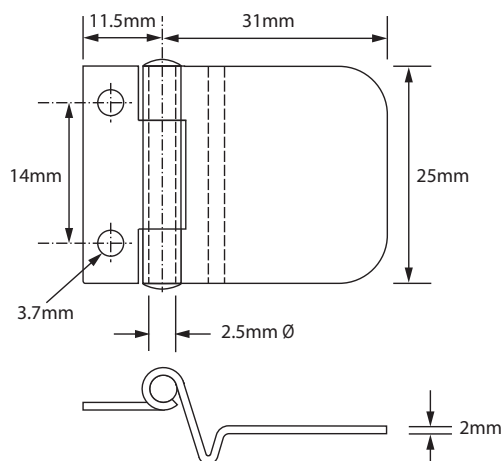


P231B

A caravan window catch, supplied with riveted pins.

Stocked in:
Brass (self colour)
Brass (chrome plated)

Ready to manufacture in:
All materials

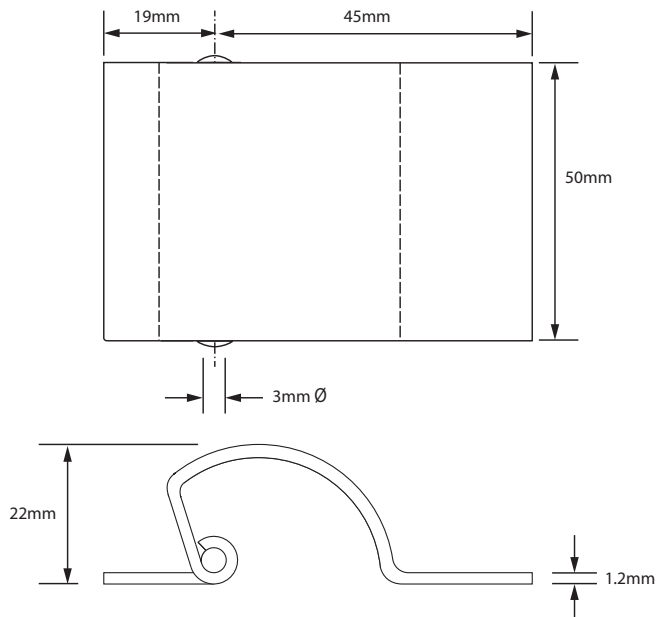


SPECIAL PURPOSE HINGES - CONCEALED

NO. 1 CONCEALED

A standard concealed hinge.

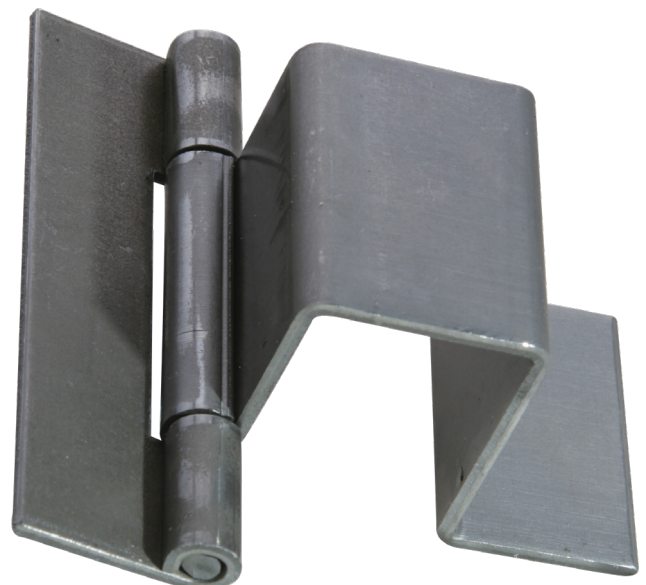
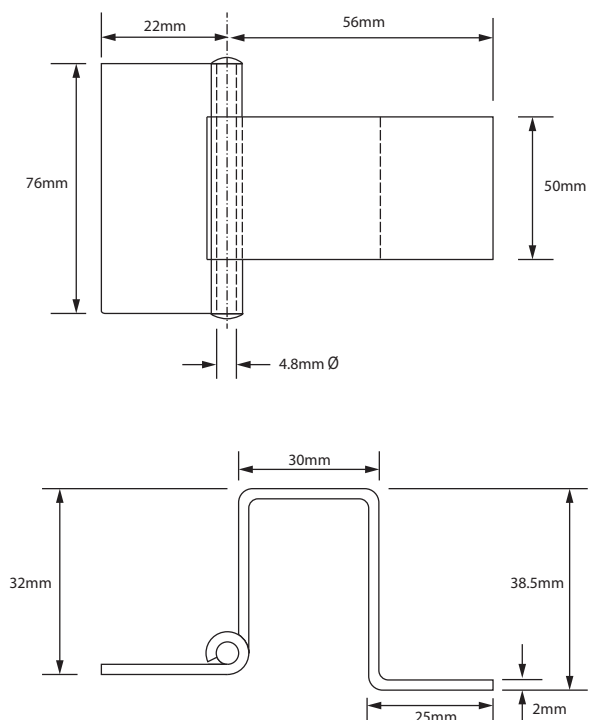
Stocked in: Mild Steel



NO. 2 CONCEALED

A standard concealed hinge.

Stocked in: Mild Steel

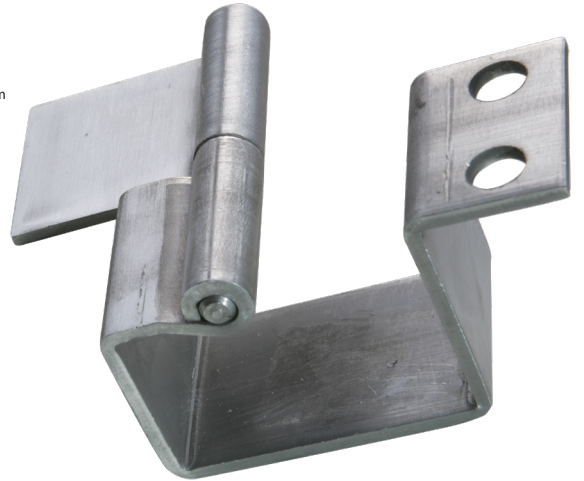
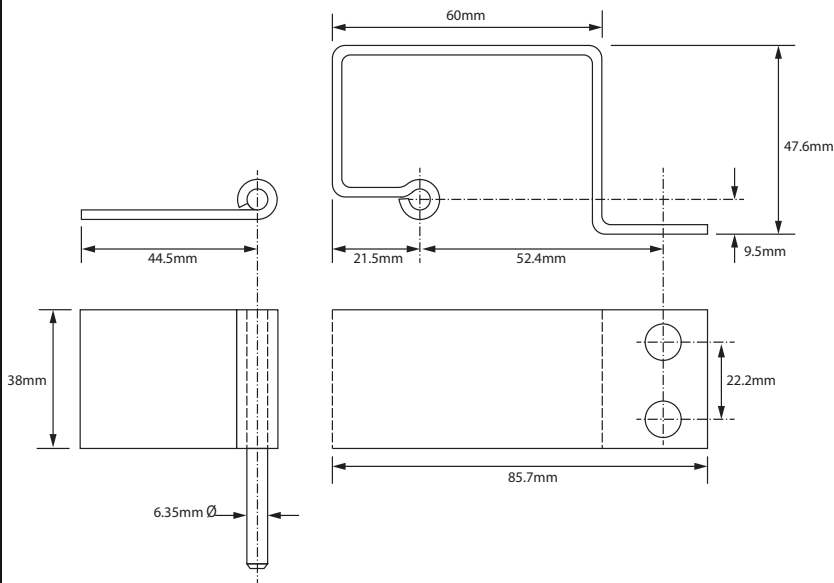


SPECIAL PURPOSE HINGES - CONCEALED

NO. 3 CONCEALED

A robust concealed hinge, suitable for heavy duty applications.

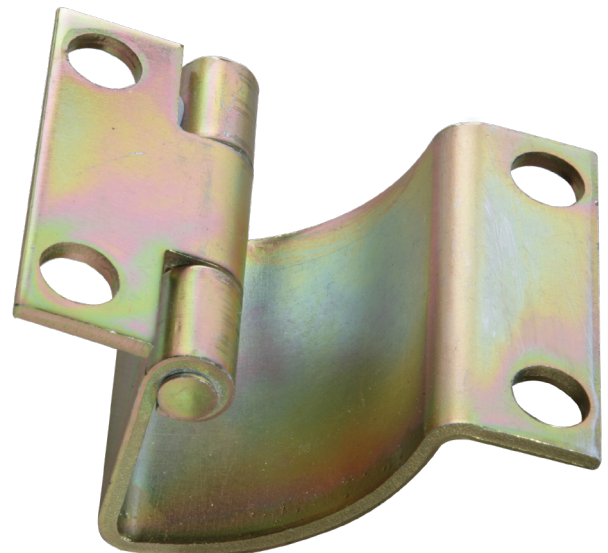
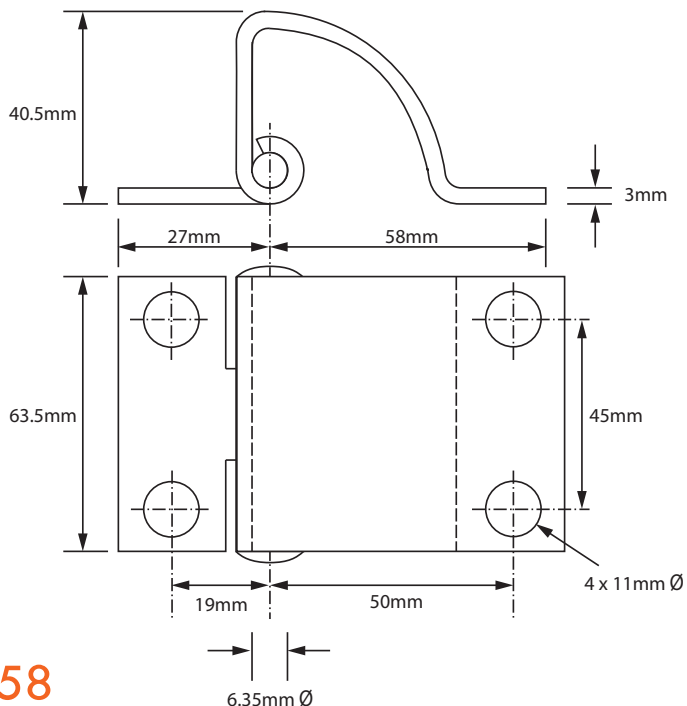
Stocked in: Mild Steel



NO. 4 CONCEALED

A heavy duty concealed hinge, supplied with holes.

Stocked in: Mild Steel (zinc plated, yellow passivated)



SPECIAL PURPOSE HINGES - CONCEALED

GW243 SEMI-CONCEALED

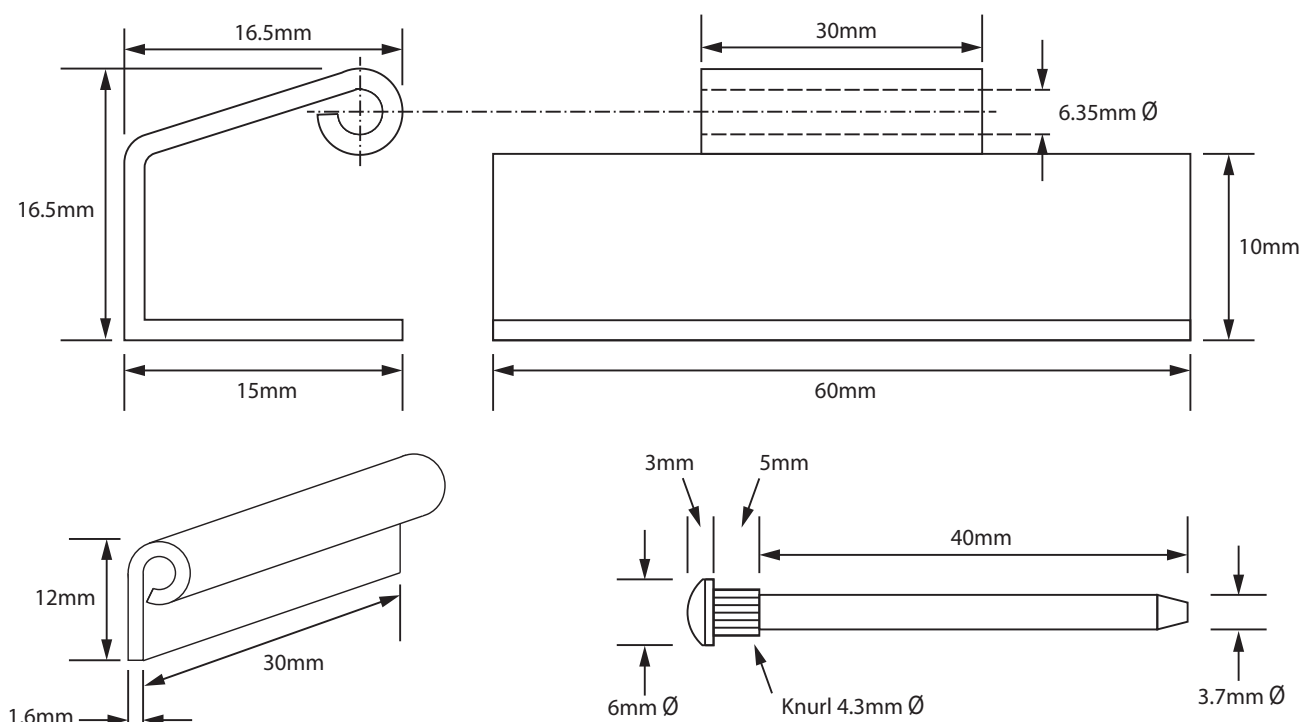
A semi-concealed hinge, widely used in the manufacture of electrical enclosures.

This hinge is usually supplied in 3 separate parts, with the pin driven into position on assembly.

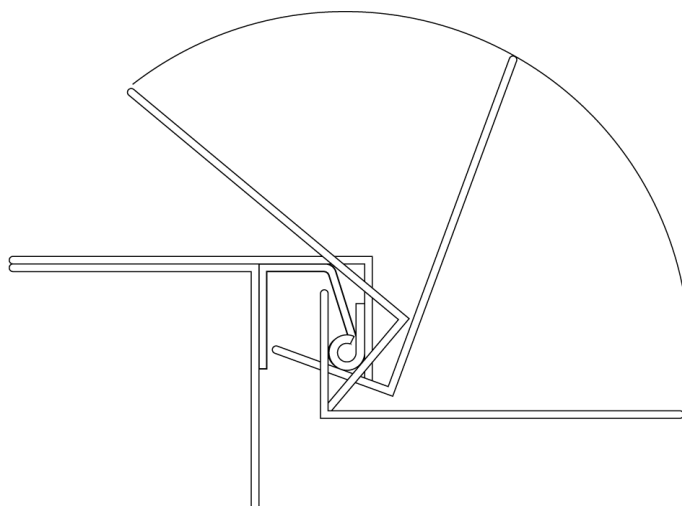
Stocked in:

Mild Steel (zinc plated pin)

Stainless Steel



TYPICAL APPLICATION

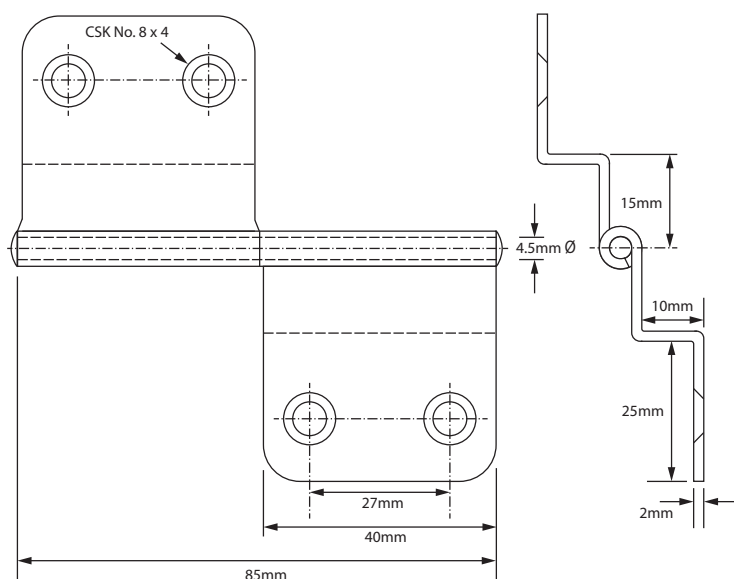


SPECIAL PURPOSE - CARAVAN HINGES

P220

A 2 flap caravan door hinge, supplied with riveted galvanised pin, radiused corners and countersunk holes.

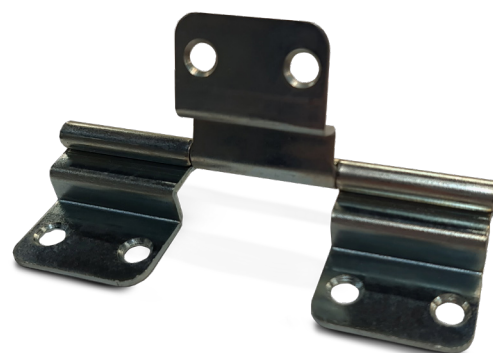
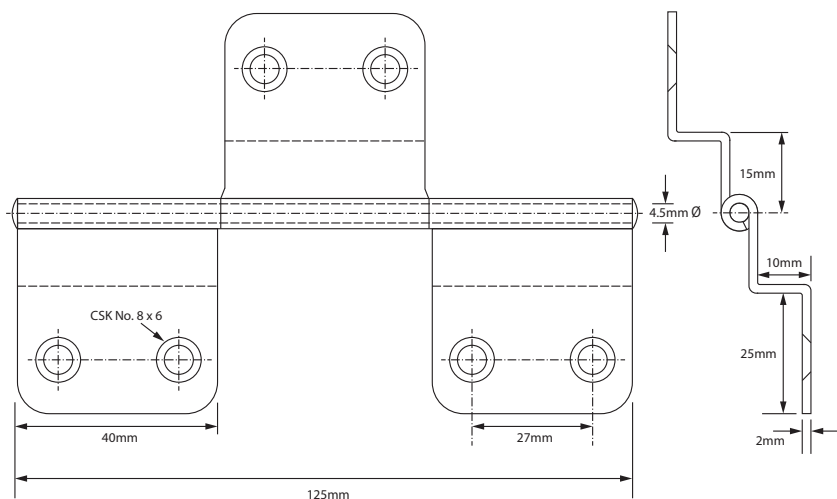
Stocked in: Mild Steel (zinc plated)



P220A

A 3 flap caravan door hinge, supplied with riveted galvanised pin, radiused corners and countersunk holes.

Stocked in: Mild Steel (zinc plated)



SPECIAL PURPOSE - CONVEYOR SLATS

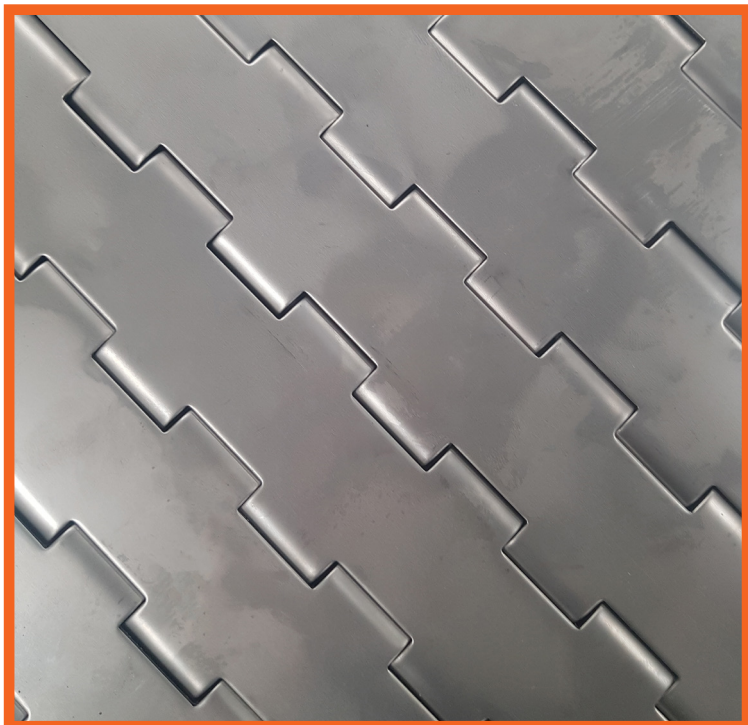


At Gold & Wassall we also have the capability to manufacture conveyor slats.

These slats are rolled on both sides, which interlock with each other in a similar manner to double/triple knuckle hinges. The pattern continues for as long as is needed to suit the conveyor system.

Slats can be manufactured in any length, width or gauge, and can be made from mild steel, stainless steel (304/316), brass or aluminium.

Please contact us for more information.



SPECIAL PURPOSE- SPRING HINGES

G&W manufacture spring hinges in many different styles. We can manufacture continuous hinges or butt/backflap hinges with springs inserted, which help to keep an application open or closed.



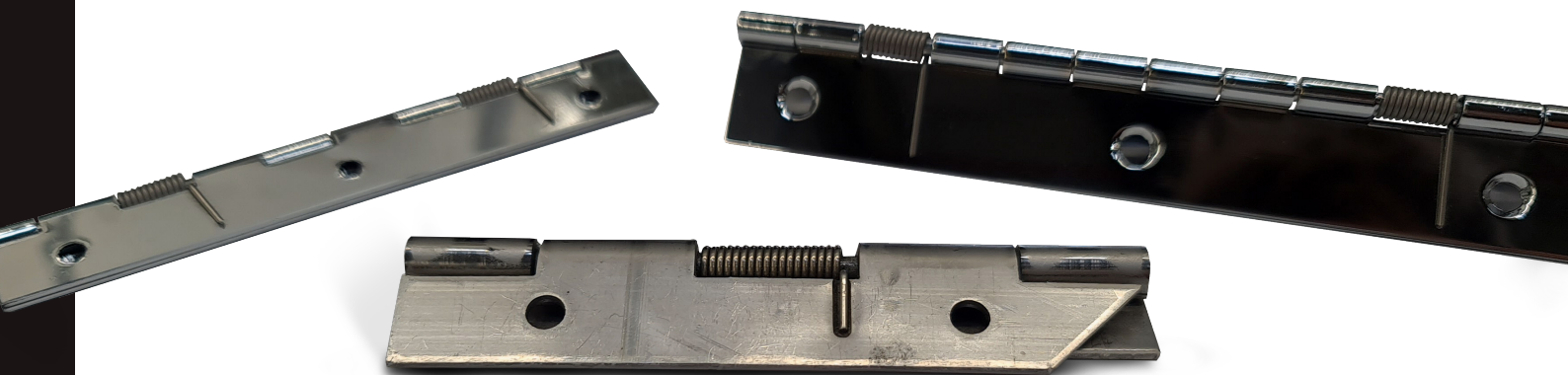
A typical application for this style of hinge is a litter bin flap, which requires the user to push the flap open, and closes back in to place once the applied pressure has been removed.

The springs are inserted instead of one or more of the joints/knuckles on the hinge. The springs can be pre-loaded or tensioned to suit your exact requirements. We can also machine a recess in the hinge itself, which allows the spring tags/legs to sit in position.

On the next page you will see details of our stock spring hinges, as well as our range of spring bolts.

Due to the number of factors involved in making this style of hinge, the vast majority of spring hinges we manufacture are done so on a bespoke basis.

Please contact us for more information.



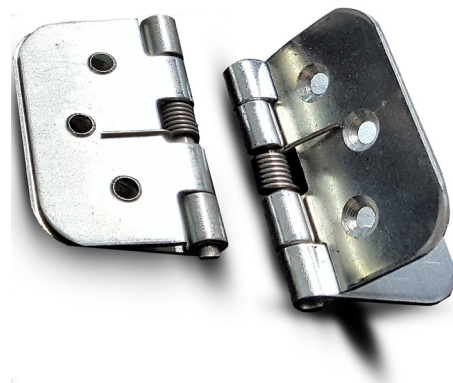
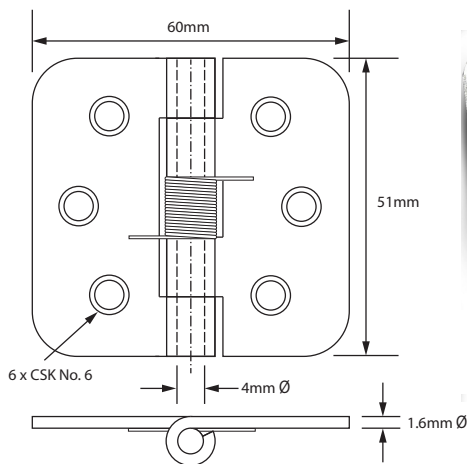
SPECIAL PURPOSE - SPRING HINGES

P200A

A spring hinge with radiused corners and countersunk holes.
Available sprung open or closed.

Stocked in: Mild Steel (zinc plated)

Ready to manufacture in:
All materials



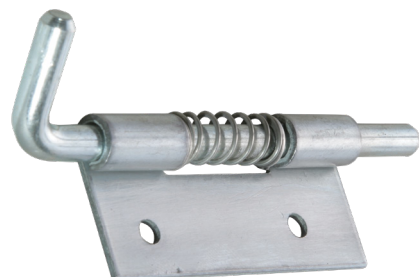
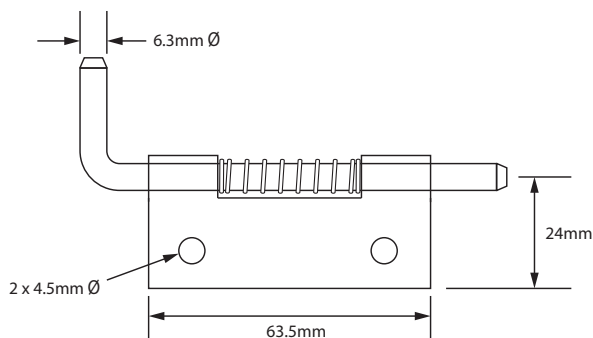
P500A

A spring bolt supplied assembled, with or without holes, in either RH or LH.

LH illustrated

Stocked in:
Mild Steel (zinc plated)

Ready to manufacture in:
All materials



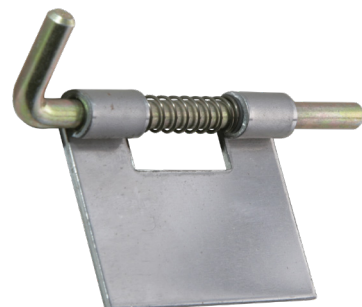
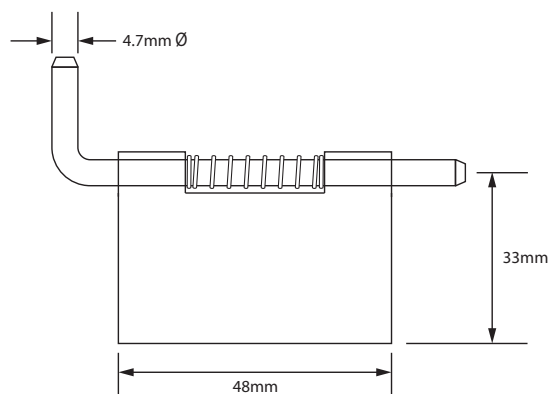
P500B

A spring bolt supplied un-assembled, without holes, in either RH or LH.

LH illustrated

Stocked in:
Mild Steel (zinc plated pin)

Ready to manufacture in:
All materials



SPECIAL PURPOSE - HASPS & LOCK COVERS

G&W offer a range of hasps and lock covers, which can be used on a variety of applications - such as toolboxes, sheds, storage boxes as well as many others.

See overleaf for our stock options in this range. Most hinges of this type will need to be manufactured as a bespoke hinge, due to the very specific nature of each product where a one-size-fits-all option wouldn't be suitable.

Hasps and lock covers can be manufactured in any material and finished using any of our standard finishes on page 13.



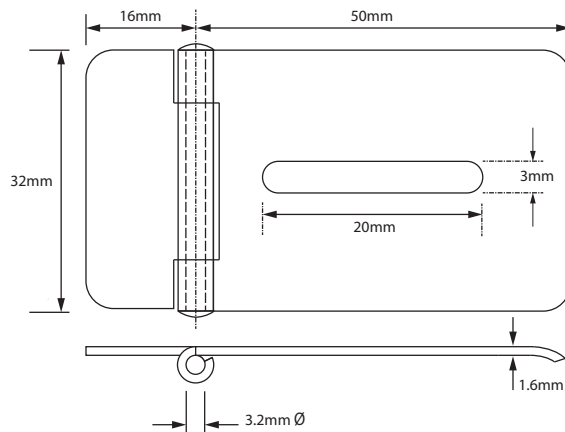
SPECIAL PURPOSE - HASPS & LOCK COVERS

P841

A toolbox hasp, supplied with radiused corners and weldable hinged flap.

Stocked in: Mild Steel

Ready to manufacture in:
All materials

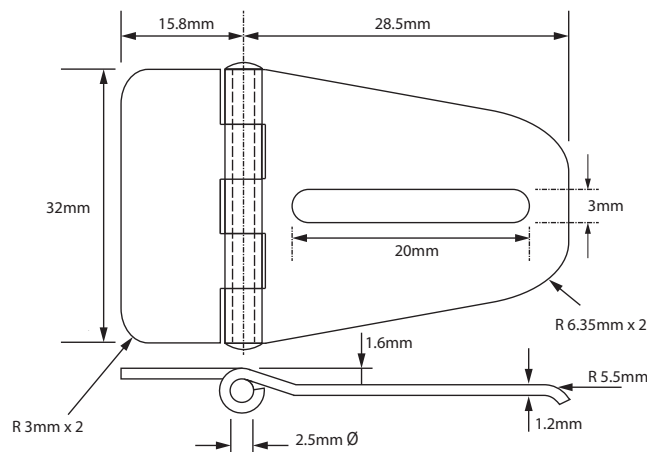


P2359

A small toolbox hasp, supplied with radiused corners and weldable hinged flap.

Stocked in: Mild Steel

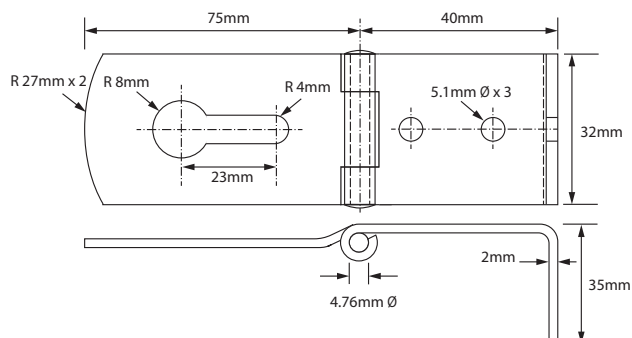
Ready to manufacture in:
All materials



332611

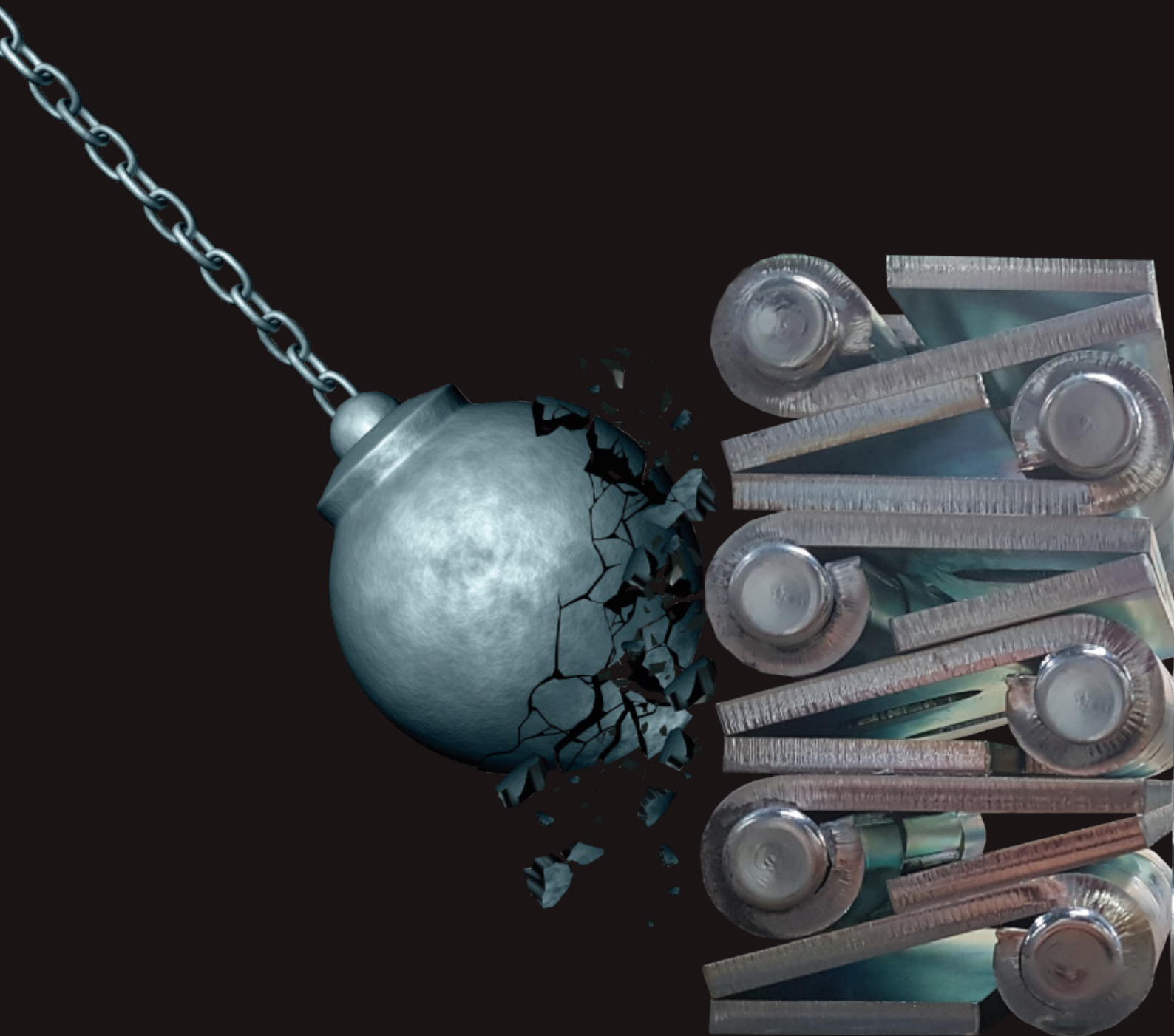
A seat box clamp predominantly used on Land Rover Defender vehicles.

Stocked in: Galvanised steel.



HEAVY DUTY

BUILT TO TAKE THE PUNISHMENT

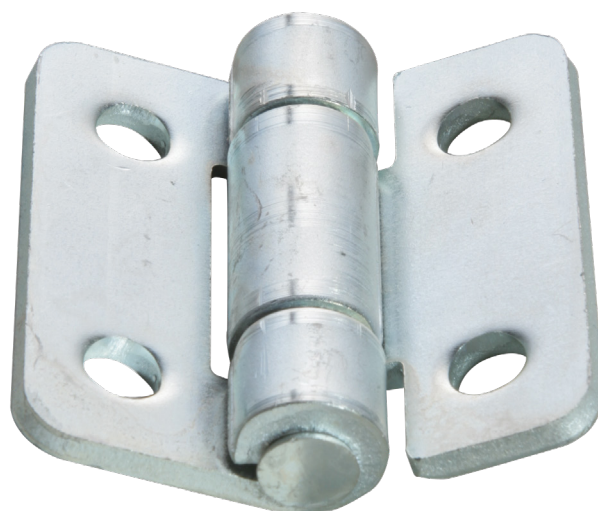
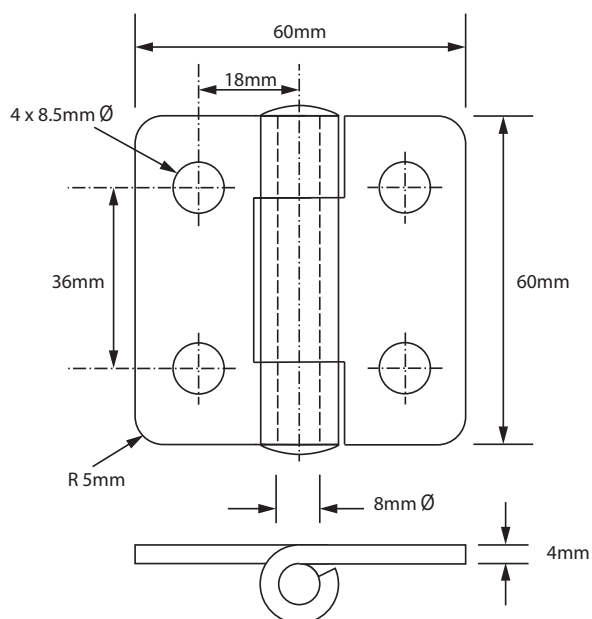


HEAVY DUTY HINGES

P690

A robust heavy duty hinge, supplied with or without holes and riveted pins, from 4mm thick material for extra strength.

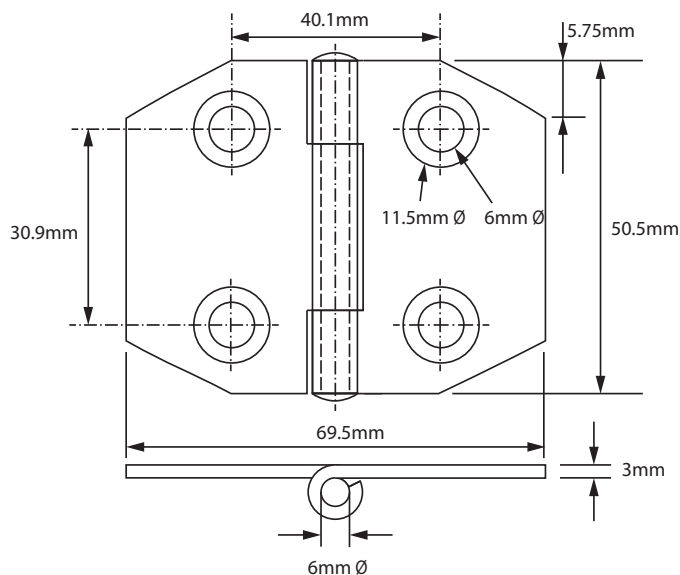
Stocked in: Mild steel (Bright zinc plated) / Stainless Steel



GW4073

A heavy duty hinge with cropped corners and countersunk holes.

Stocked in: Mild steel (Bright zinc plated)



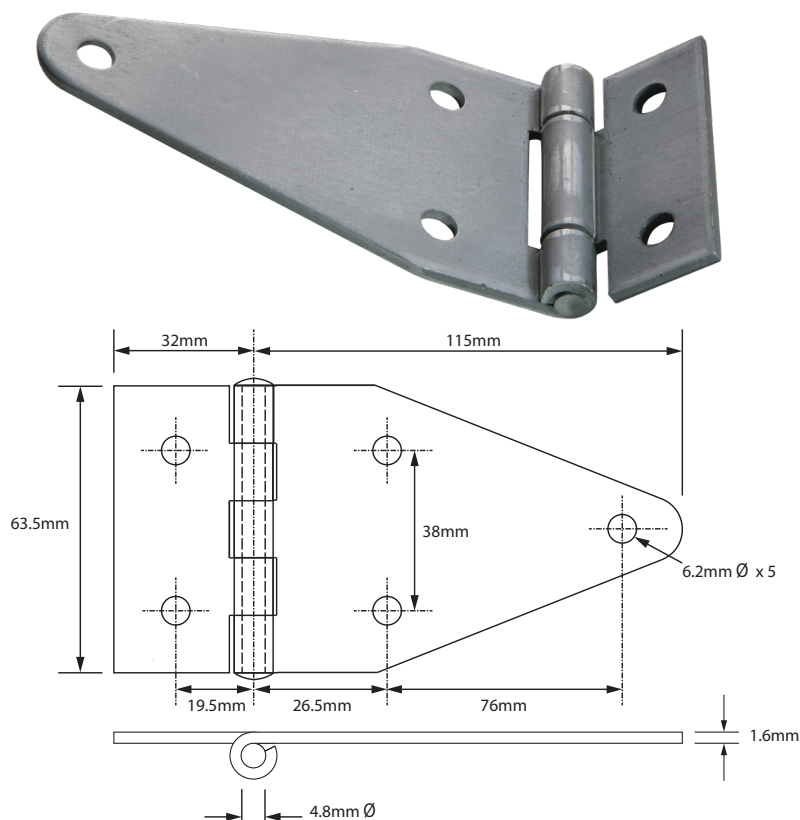
HEAVY DUTY HINGES

P2202

A heavy duty hinge supplied with riveted pins and with or without plain holes.

Stocked in: Mild Steel (zinc plated)

Ready to manufacture in:
All materials

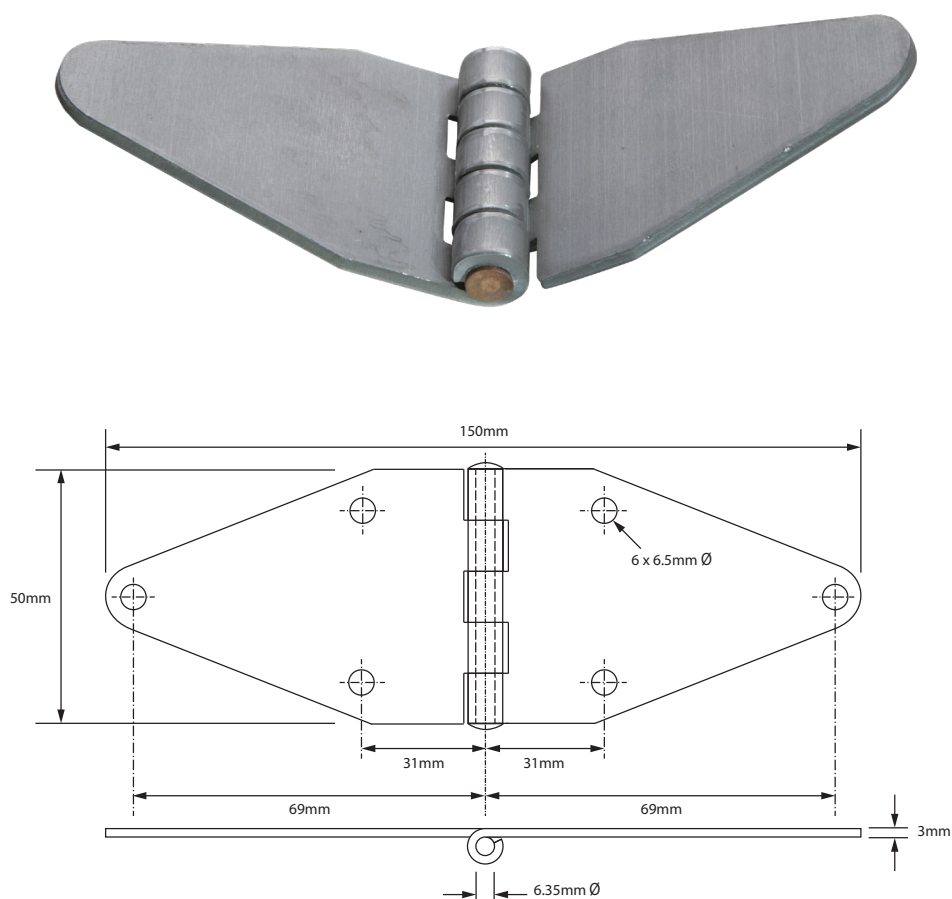


P3616

A heavy duty shaped hinge, supplied with riveted pins, available with or without holes.

Stocked in:
Mild Steel (self colour)
Stainless Steel

Ready to manufacture in:
All materials



HEAVY DUTY HINGES

P360A & B

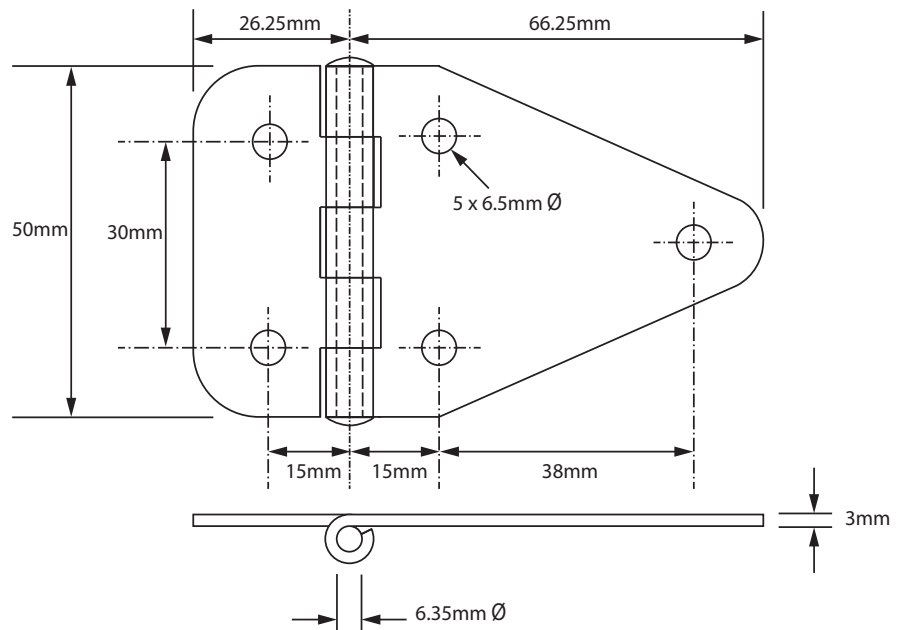
A heavy duty locker hinge, supplied with plain holes.

Stocked in: Mild Steel

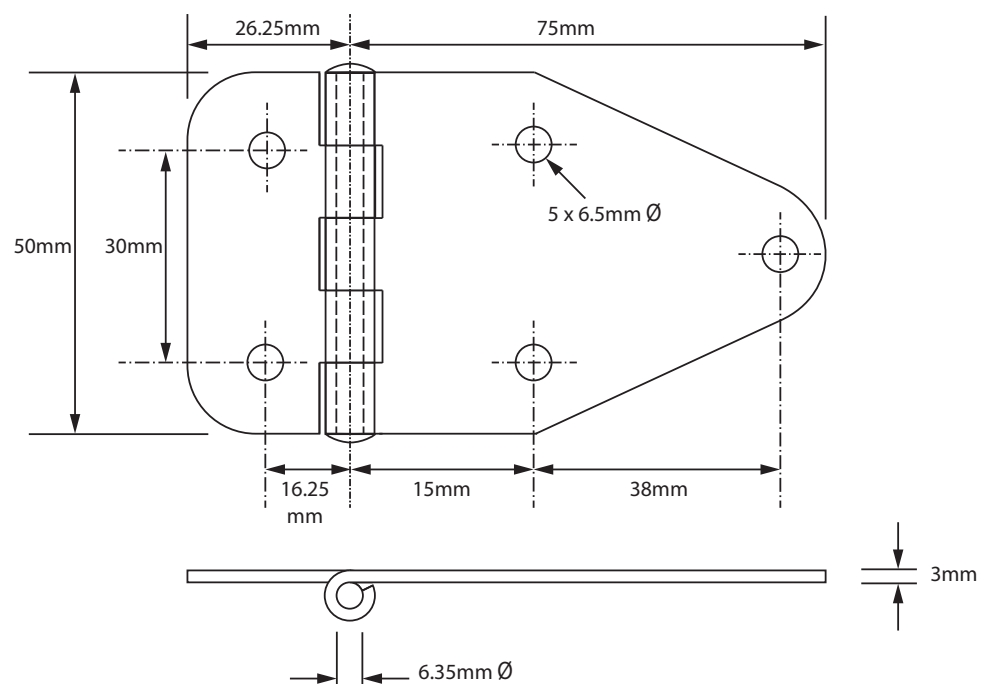
Ready to manufacture in: All materials

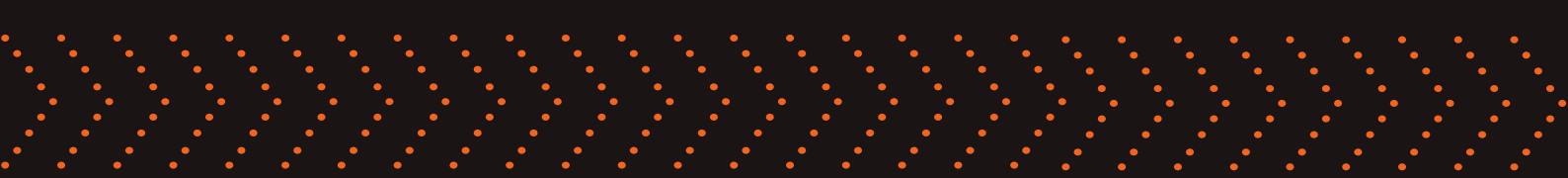


P360A

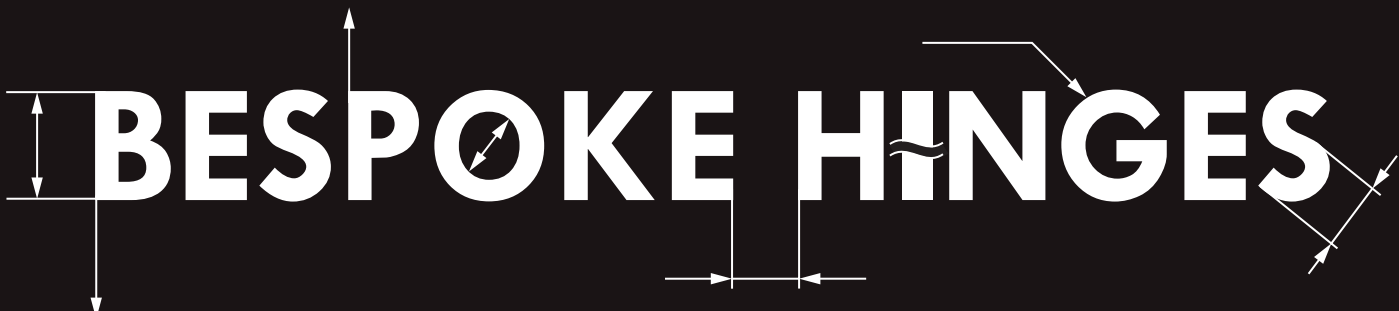


P360B

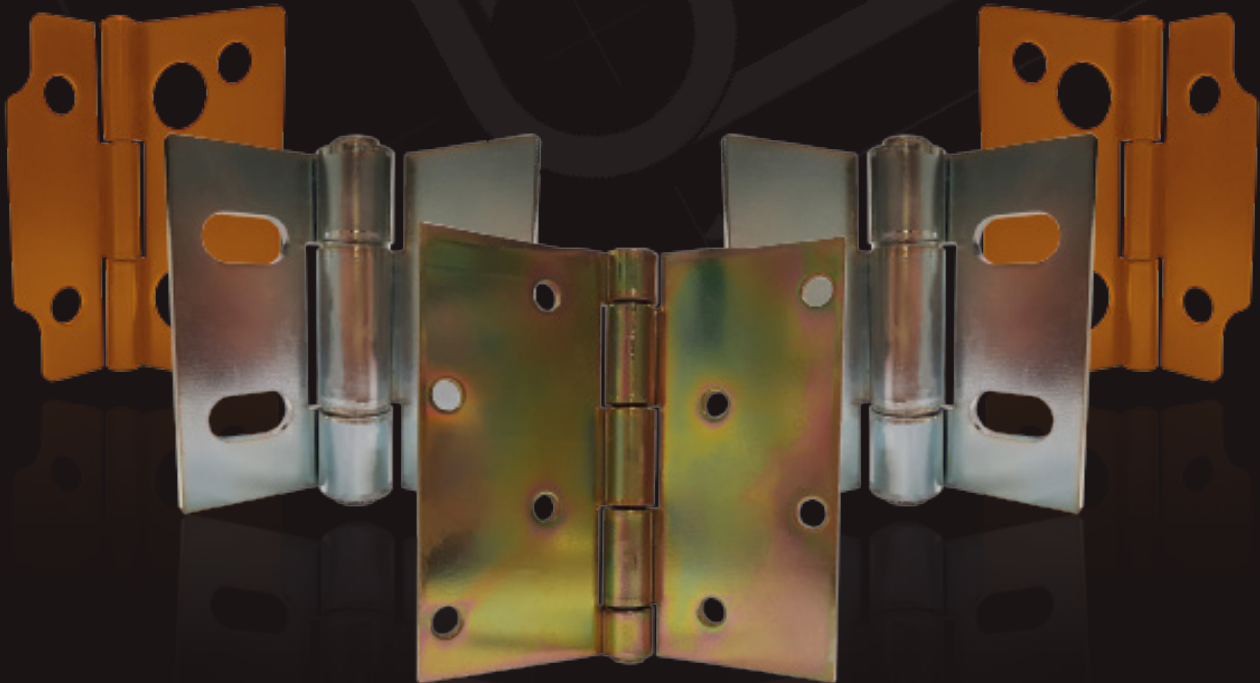




BESPOKE HINGES



FULLY COMPREHENSIVE SOLUTIONS



BESPOKE HINGES

Our ability to create bespoke hinges is what really sets us apart from our competitors.

Within reason we can create a hinge of any size, in any shape.

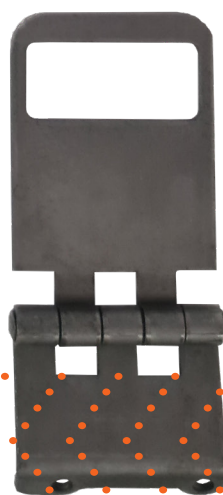
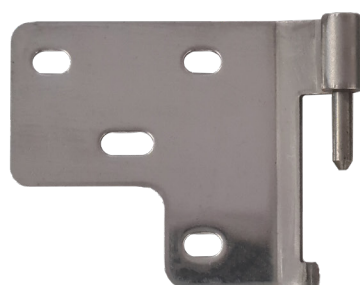


Our experienced team have created over 250,000 unique hinges, with more brand new ideas being turned into a reality every day.

Although we can work from a simple sketch, we usually recommend providing a detailed engineering drawing or a working sample for us to work to. This not only makes the hinge easier to create, it also ensures you will get the desired end product.

If you want to discuss anything to do with bespoke hinges, please get in touch.

If you have drawings prepared, please email them to sales@goldwassallhinges.co.uk along with any other relevant information. Please be sure to include the material grade and required quantity when enquiring.



ROLLED PIECES

G&W can roll plates in any material up to 6mm thick, with any inside roll diameter.

Rolled pieces can be cranked, pierced/countersunk and finished as per any other hinge, the possibilities are pretty much endless.

The majority of rolled pieces will always be manufactured to order, given the usually very specific nature of the part. However, we can offer the female part of our stock lift-off hinges off the shelf - which are essentially just rolled pieces.

If you want any further information on this topic, please contact us.



LOOKING AFTER YOUR HINGES

LUBRICATION

When spending your hard earned money on a product, the last thing you want is for it to deteriorate quicker than is reasonably expected.

Hinges are a working, mechanical part, and therefore require maintenance. It is absolutely essential that hinges are lubricated regularly. This helps keeps a smooth opening and closing operation of the hinge, and also helps to protect the inside of the hinge from weathering and rust.

STORAGE

It's always a good idea to store hinges in a dry, well ventilated area, especially mild steel hinges. Mild steel hinges will rust, even if stored in a box or crate, if they are kept outside.

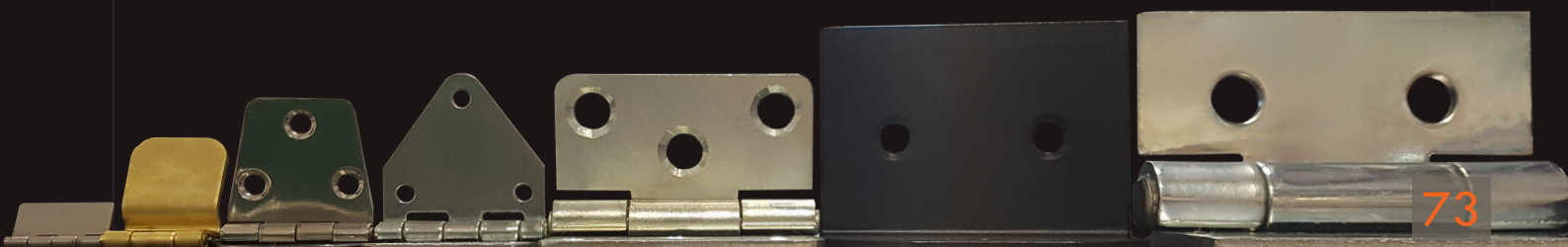
CARING FOR ZINC PLATED HINGES

Zinc plating is an increasingly popular finish, due to its low cost and good durability. When it comes to hinges, many prefer to opt for zinc plated mild steel hinges instead of stainless steel hinges, due to cost. The downside to this, is the zinc plated hinges are not weatherproof.

The mechanics of a hinge, and the process of hingemaking does not allow all the working parts to be coated. The inside of the rolls, and often the pin, are left as bare mild steel, and therefore will still rust at the first sign of moisture. To help combat the inevitability of rust forming in hinges of this type, we suggest the following actions;

- Unpack the hinges on delivery, and ensure they are kept in a dry, well ventilated area
- Fit the hinges to the application as soon as possible
- Apply a paint finish to the hinges (where zinc plating has been used as an undercoat)
- Where zinc plate is the final finish, lubricate the hinges on delivery and fit immediately
- Lubricate the hinges as often as possible, even if they are in storage and not fitted yet

The above is a guideline only, if you are unsure about what to do, please contact us.



OUR CERTIFICATIONS

ISO 9001:2015

Gold & Wassall are ISO 9001:2015 certified.

What does this mean?

ISO 9001 is defined as the international standard that specifies requirements for a quality management system (QMS). Companies use the standard to demonstrate the ability to consistently provide products and services that meet customer and regulatory requirements.



MAKE UK (FORMERLY EEF)

Gold & Wassall are a member of Make UK, formerly the Engineering Employers Federation (EEF).

What does this mean?

Make UK champions and celebrates British manufacturing and manufacturers. It's members build a platform for the evolution of UK manufacturing.



HOW TO FIND US



GOLD & WASSALL HINGES LTD
CASTLE WORKS
LICHFIELD ROAD INDUSTRIAL ESTATE
TAMWORTH
STAFFORDSHIRE
B79 7TH

+44(0)1827 63391
sales@goldwassallhinges.co.uk
www.goldwassallhinges.co.uk



www.goldwassallhinges.co.uk