

HINGES

A left-handed opening hinge is taken to be when the door opens towards you with the door handle on the left.

A right-handed opening hinge is taken to be when the door opens towards you with the door handle on the right.



NB: We sell most hinges in pairs – a pair being two complete units, enough to hang a door. Confusion arises as we sell hinges as loose-part hinges resulting in a pair consisting of four separate pieces! Lift-off hinges are handed and the illustration above will help you choose the correct hand. The diagram assumes the hinges are fixed into edge of door and the side of the reveal – not flat across the face.

Flints Exhibition Pin Hinge

A hinge for general scenery use with the following features:

- ✓ Good knuckle clearance for easy and quick location
- ✓ 45 mm knuckle length designed to fit along 2 x 1" nominal timber
- ✓ When used to join 3 x 1" nominal timber at right angles it will fit the timber without overhanging the inside of the frame
- ✓ The corners are rounded so that they cannot become a hazard
- ✓ The pin is very robust to withstand being clouted with a hammer
- ✓ The pin has good dimensional clearance within the knuckle for easy location
- ✓ The end of the pin has a good tapered lead but no sharp point
- ✓ The screw holes are slightly offset to reduce risk of splitting timber
- ✓ They are neatly packed in boxes of ten pairs and are supplied complete with 20 pins
- ✓ They open through full 270° so they can be used reversed on gate leg rostra
- ✓ They are economically priced for the bulk user – remember the price includes the pins!

Steel, self-coloured. Fixings [not supplied]: 6 x M5 Machine Screws OR Woodscrews No. 8 / 9 / 10 [4 / 4.5 / 5 mm]

code	description	knuckle length	leaf width	price	10 bags+
FHS125	10 pairs and 20 pins	45mm	45mm	£10.95	
FHS125P	Spare pins bag of 100	65mm	4mm	£14.00	£12.60

Triple E Pin Hinge

Winner of the ABTT Product of the Year. Well, 1984 was a while back now but the Triple E Hinge remains as popular as ever. It was specially designed for the theatre market and resolves many familiar problems for the theatre carpenter. It has a sturdy pin that forms a better fit and can be 'knocked' in or out. Offset fixing holes help to prevent timber splitting, and a centrally located square hole, to take the head of a 6 mm coach bolt, allows immense strength for fixing. Notched sides allow for fixing near awkward timber joins. Each hinge comes complete with a pin. Pins are also sold separately, but only in 3 1/2" size. Steel, self-coloured.

code	description	knuckle length	leaf width	price	50+	100+
HNG030	Ass: Triple E Hinge + Pin	2"	2 1/8"	£2.58	£2.32	£2.09
HNG040	Triple E Pin For use with 3 1/2" E Hinge			£0.39		£0.31



Flints Opera Pin Hinge

A "Rolls Royce" hinge for heavy touring shows. Packed with all the features of the Exhibition Pin Hinge plus:

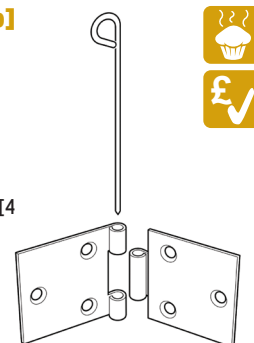
- ✓ Black powder coated finish to protect against corrosion during storage and to reduce possibility of being seen during the performance
- ✓ Heavy-gauge steel to reduce possibility of bending when the scenery is being loaded on and off trucks 4 68 mm dimension along knuckle fits 3 x 1" nominal timber perfectly 4 The extra length helps guard against the hinge twisting out of alignment if it is accidentally knocked
- ✓ 45 mm leaf width still fits on 3 x 1" when another flat is adjoining at right angles
- ✓ Tough 5 mm diameter pin
- ✓ Design enables to hinge to open through full 270°

Steel, black powder coated. Fixings [not supplied]: 6 x M5 Machine Screws OR Woodscrews No. 8 / 9 / 10 [4 / 4.5 / 5 mm]

code	description	knuckle length	leaf width	price	10 bags+
FHS127	10 pairs and 20 pins	68mm	45mm	£19.45	
FHS127P	Spare pins bag of 100	88mm	5mm	£15.00	£13.50

Pin Hinges [Loose-part backflap]

The old favourite! Used extensively throughout the theatre and related industries for holding together scenery and strengthening battens. When used with Loop or Clip Pins, it is an immensely fast way to fit together a set. Our loose-part hinges are specially made with clearance between the knuckles. Fixings [not supplied]: 1 1/2", 1 3/4" and 2" hinges take No.8 [4 - 4.5 mm] fixing screws. Steel, self-coloured. NB: Pins are not supplied, see page 277 for Pins.



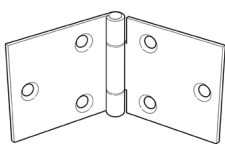
code	knuckle length	leaf width	box of 10 pairs	8 boxes+
HNG020	1 1/2"	1 3/4"	£7.75	£6.75
HNG021	1 3/4"	2"	£9.15	£8.25
HNG022	2"	2 1/8"	£8.95	£7.95

BACKFLAP HINGES

Backflap Hinges

Mainly used in theatres for fixing together two pieces of scenery which will remain together permanently, such as flats that are "booked", or to act as a fixing between two items that are not at right angles. The two parts of the hinge will go from a closed position through 270° to its fully open position making them suitable for folding-gate rostra.

SPECIFICATION: Fixings [not supplied]: 1½", 1¾" and 2" hinges use No.8 [4 or 4.5 mm] screws; 3" use No.10 [5 mm] fixing screws. Steel, self-coloured.

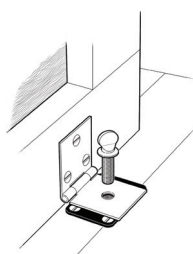


code	knuckle length	qty	per box	8 boxes+
HNG011	1½"	10 pairs	£7.75	£6.95
HNG012	1¾"	10 pairs	£9.15	£8.25
HNG013	2"	10 pairs	£8.95	£8.05

code	knuckle length	qty	per pair	
HNG014	3"	1 pair	£3.13	£2.81

Bolt Hinge

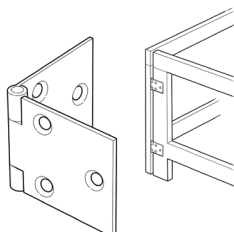
These are 2" backflaps with one flap drilled with a centred 11 mm hole. Designed to be used in conjunction with boss plates to secure scenery to the floor. Loose packed. Steel, self-coloured. For Boss Plates see page 170.



code	knuckle length	leaf width	pair	80 pairs+
HNG057	2"	2¼"	£2.25	£2.03

Rostrum Hinge

A 2" backflap which has one flap countersunk on the opposite side to the other. These are for hinging end gates on folding-gate rostra where the hinges have to be mounted in reverse to the usual manner. A very subtle touch! It is so nice that some people are still making these lovely constructions. Steel, self-coloured.



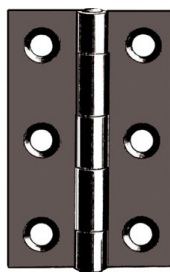
code	knuckle length	leaf width	pair	100 pairs+
HNG053	2"	2¼"	£1.20	£1.05

BUTT HINGES

Butt Hinges

Used for hinging internal, external and cupboard doors when the hinge is required to be mounted on the edge of the timber. The gauge of the steel increases with the size of the hinge. Don't forget we price and sell hinges in pairs – enough to hang a door.

SPECIFICATION: Fixings [not supplied]: 2" hinges use 4 x No.6 [3.5 mm] screws; 2½" use 6 x No.6 [3.5 mm] screws; 3" use 6 x No.8 [4 mm] screws; 4" use 8 x No.8 [4 mm] screws. Steel, self-coloured.

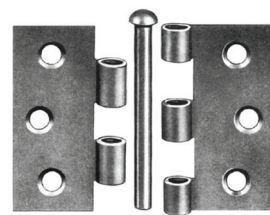


code	knuckle length	leaf width	pair	100 pairs+
HNG060	2"	¾"	£0.49	£0.44
HNG062	2½"	1"	£0.59	£0.53
HNG063	3"	1⅞"	£0.65	£0.59
HNG064	4"	1¾"	£0.99	£0.89

Loose Butt Hinges

Used anywhere that the hinge in the edge of a piece of timber, such as a door or a rostra, is required to come apart to travel or store. Hinges are supplied with the type of pin shown but for easier use choose a Standard Loop Pin [page 277] which fits sizes 2½" and 3".

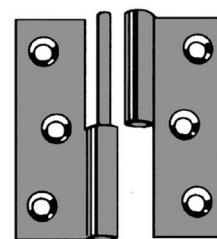
SPECIFICATION: Fixings [not supplied]: 2" hinges use 4 x No.6 [3.5 mm] screws; 2½" use 6 x No.6 [3.5 mm] screws; 3" use 6 x No.8 [4 mm] screws; 4" use 8 x No.8 [4 mm] screws. Steel, self-coloured.



code	knuckle length	leaf width	pair
HNG070	2"	1"	£0.41
HNG071	2½"	1"	£0.49
HNG072	3"	1"	£0.79
HNG073	4"	1"	£1.10

Lift Off Butt Hinges

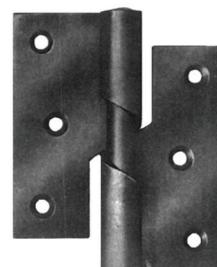
Allows your doors to be removed from the door frame for use either when travelling or for changing doors in a scene change. Please ensure correct handing when ordering. The top of page 274 has all the information. A useful tip is to saw 10 mm off the pin on the lower hinge of a door. You can then locate the top hinge pin first, then concentrate on the lower hinge. It is much easier. Steel, self-coloured.



code	knuckle length	leaf width	pair
HNG101	3"	1"	£2.73
HNG102	4"	1"	£4.75
HNG106	3"	1"	£2.73
HNG107	4"	1"	£4.75

Rising Butt Hinges

Designed to raise a door as it opens, the rising butt ensures that your doors do not catch on the carpet or on uneven flooring. Please ensure correct handing when ordering. The top of page 274 has all the information. These hinges tend to self close the door as the weight of the door bears down on the bevel. They won't necessarily close the door the whole way but most people notice the door is moving and shut it behind them rather than leaving it open.

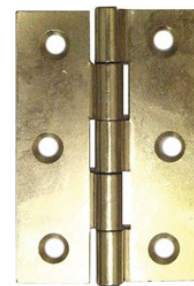


code	knuckle length	leaf width	pair
HNG080	3"	1½"	£3.50
HNG082	4"	2"	£4.95
HNG081	3"	1½"	£3.50
HNG083	4"	2"	£4.95

Butt Hinges Electro-Brassed

Used for decorative purposes, mainly on furniture, where the hinge is required in the edge of a piece of timber, such as a door.

SPECIFICATION: Fixings [not supplied]: 1½" and 2" hinges use 6 x No.4 [3mm] screws; 2½" uses 6 x No.6 [3.5mm] screws. Electro-brassed.



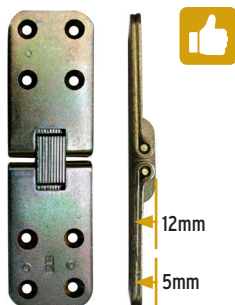
code	knuckle length	leaf width	pair
HNG090	1½"	¾"	£0.84
HNG091	2"	7/8"	£0.98
HNG092	2½"	1"	£1.10

HINGES

FLUSH TRAP HINGES

Steel Flush Trap Hinge

These are super tough hinges ideal for heavy-duty stage traps. They present a totally flush top surface and allow the flap to open fully back on itself. Constructed from plated steel folded right around the 5 mm Ø pins leaving 5 mm thick leaves. Plated steel, self-coloured. See Flush Trap Handles [page 271].



code	knuckle length	open width	pair
HNG400	45mm	150mm	£14.95

Bar Back Flap

These solid brass hinges will be a familiar sight to many theatre staff but they can be useful on stage as well. The double joint allows a totally flush top surface unlike most hinges which have to be positioned with the knuckle proud. Ideal for small stage traps. Brass.



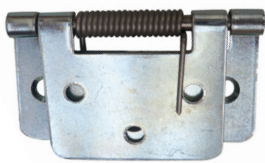
code	knuckle length	open width	pair
HNG301	1 1/2"	4"	£9.85

SPRING HINGES

Single Action To Open

Mild steel spring hinge designed to hold lightweight scenery doors in open position. Fixings [not supplied]: 6 x No.8 csk screws. Sold per single hinge.

code	price
HNG230	£14.98



Single Action To Close

Designed to hold lightweight scenery doors in the closed position. Fixings [not supplied]: 6 x No.8 [4 mm] csk screws. Sold per single hinge.

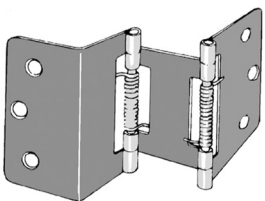
code	price
HNG231	£14.98



Double Action Spring Hinge

Holds lightweight scenery doors in the closed position but allows them to swing in either direction. Fixings [not supplied]: 6 x No.8 [4 mm] csk screws. Sold per single hinge.

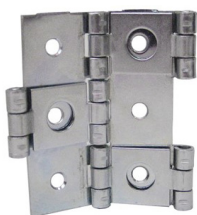
code	price
HNG232	£21.09



SCREEN HINGE

Screen Hinge

A double-action hinge normally used for folding screens. Suits material no thicker than 19 mm. Bright zinc-plated.

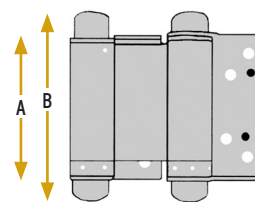


code	knuckle length	leaf width	pair
HNG6000C	60mm	29mm	£11.73

BOMBER, WELD & BULLET HINGES

Bomber Hinges

Double-action spring hinge that allows heavy doors to be opened in either direction, and return to a centre closed position when released. Steel hinges, silver powder coated.



code	A height	B height	closed width	open width	pair
HNG150	3"	3 3/4"	2 3/4"	4 1/2"	£25.32
HNG151	4"	4 3/4"	3"	5 1/4"	£29.98
HNG153	6"	6 3/4"	4"	7"	£49.98

Weld Hinges

These hinges made from 3 mm steel plate can be welded to scenery to form lift-off or captive hinges. Sold per flap. Steel, self-coloured.



code	knuckle length	leaf width	suits pins Ø	price	100+
HNG041	38mm	51mm	8mm	£1.55	£1.31

Bullet Hinges

Weldable hinges. Sold in pairs [enough to hang a door] consisting of two male and two female weldable parts and washer. Steel with brass disc.



code	knuckle length	pair
HNGBH2	60mm	£3.88
HNGBH4	100mm	£8.95

CONTINUOUS HINGES

Continuous Hinges

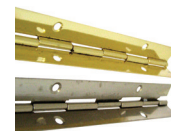
These 72" long self-coloured mild steel hinges with a steel pin are used for hinging metal or timber scenery where support along the full hinging face is required. Available undrilled or drilled and countersunk. For extra heavyweight jobs there is a 10 gauge hinge with 2" leaves [4" open] which is ideal for welding. Mild steel, self-colour.



code	description	open width	gauge	knuckle length	leaf width	pin Ø	price
HNG116	Heavy-duty	2"	16	72"	1"	4.5mm	£15.28
HNG113	Xtra heavy-duty	4"	10	72"	2"	8mm	£49.95
HNG112	Heavy-duty	2"	16	72"	1"	3.5mm	£17.98

Piano Hinges

72" long, each leaf is 1/2" wide by 22 gauge. Can be used on furniture, props or lightweight scenery. Drilled and countersunk for small screws.



code	description	gauge	knuckle length	leaf width	price
HNG110	Electro-brassed	22	72"	1/2"	£3.75
HNG110NP	Nickel-plated	22	72"	1/2"	£3.48

Steel T-Hinges

For surface fitting to thin wooden doors, giving extra support along the rails. Black japanned.



code	description	T length	knuckle length	leaf width	price
HNG200	Light	100mm	69mm	20mm	£0.51
HNG201	Light	150mm	71mm	25mm	£0.73
HNG206	Light	200mm	80mm	29mm	£0.92
HNG207	Medium	250mm	80mm	29mm	£1.74
HNG208	Medium	350mm	118mm	35mm	£3.15
HNG205	Medium	450mm			£4.64