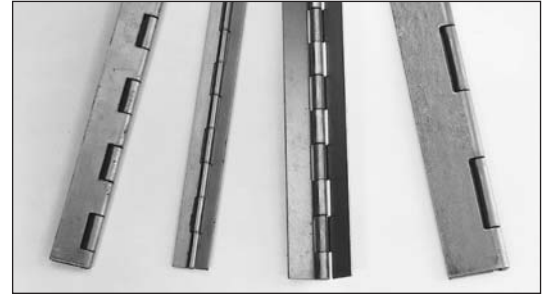
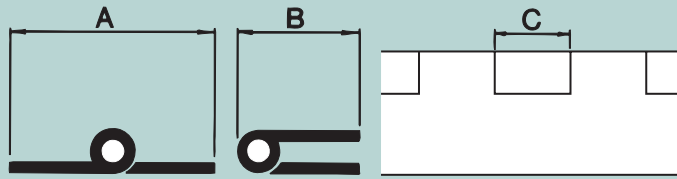


PIANO HINGE - OPEN FLAT TYPE

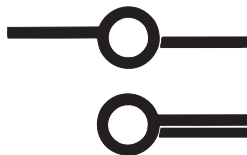
SUPPLIED IN 1.8M (6') LENGTHS, UNDRILLED:



| WIDTH OPEN (A) | WIDTH CLOSED (B) | JOINT LENGTH (C) | MATERIAL THICKNESS | PIN DIAMETER | WEIGHT | STEEL |
|----------------|------------------|------------------|--------------------|--------------|-----------------|------------------------|
| 25mm (1") | 16mm (0.625") | 25mm (1") | 1.2mm (18G) | 3.2mm (10G) | 700g (1.5lb) | 2233/012 |
| 44mm (1.75") | 25mm (1") | 25mm (1") | 1.2mm (18G) | 4.4mm (7G) | 1.2kg (2.6lb) | 2233/020 |
| 50mm (2") | 28mm (1.125") | 25mm (1") | 1.2mm (18G) | 4.4mm (7G) | 1.3kg (2.9lb) | 2233/023 |
| 50mm (2") | 30mm (1.187") | 25mm (1") | 1.6mm (16G) | 5.8mm (4G) | 1.75kg (3.8lb) | 2233/041 |
| 50mm (2") | 30mm (1.187") | 50mm (2") | 2mm (14G) | 5.8mm (4G) | 2.2kg (4.9lb) | 2233/067 |
| 63mm (2.5") | 36mm (1.437") | 50mm (2") | 2mm (14G) | 5.8mm (4G) | 2.6kg (5.8lb) | 2233/075 |
| 76mm (3") | 44mm (1.75") | 50mm (2") | 2mm (14G) | 5.8mm (4G) | 3kg (6.6lb) | 2233/080 |
| | | | | | | STAINLESS STEEL |
| 38mm (1.5") | 22mm (0.875") | 25mm (1") | 1.2mm (18G) | 3.2mm (10G) | 900g (2lb) | 2233/316 |
| 50mm (2") | 29mm (1.156") | 25mm (1") | 1.2mm (18G) | 4.4mm (7G) | 1.25kg (2.76lb) | 2233/323 |
| | | | | | | ALUMINIUM |
| 50mm (2") | 29mm (1.156") | 25mm (1") | 1.6mm (16G) | 4.4mm (7G) | 550g (1.2lb) | 2233/439 |
| | | | | | | ZINC PLATED |
| 50mm (2") | 29mm (1.156") | 25mm (1") | 1.2mm (18G) | 4.4mm (7G) | 1.28kg (2.8lb) | 2233/623 |
| 76mm (3") | 42mm (1.66") | 25mm (1") | 2mm (14G) | 5.8mm (4G) | 2.98kg (6.5lb) | 2233/679 |
| | | | | | | BRASS |
| 44mm (1.75") | 25mm (1") | 25mm (1") | 1.2mm (18G) | 4.4mm (7G) | 1.2Kg (2.6lb) | 2233/220 |
| 50mm (2") | 30mm (1.187") | 50mm (2") | 1.6mm (16G) | 5.8mm (4G) | 1.8kg (4.1lb) | 2233/241 |

Other types & sizes available on request.

CLOSED FLAT.



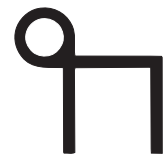
REVERSED JOINT.



DOUBLE KNUCKLE.

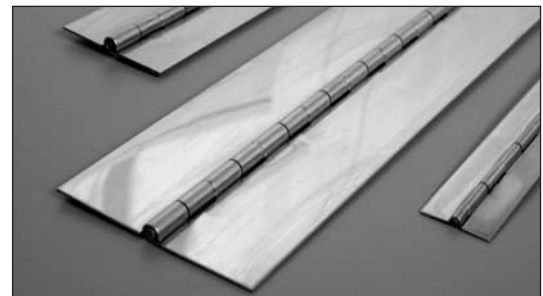
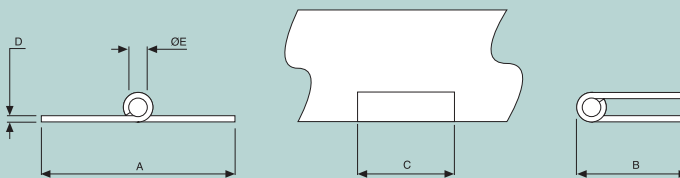


CRANKED.

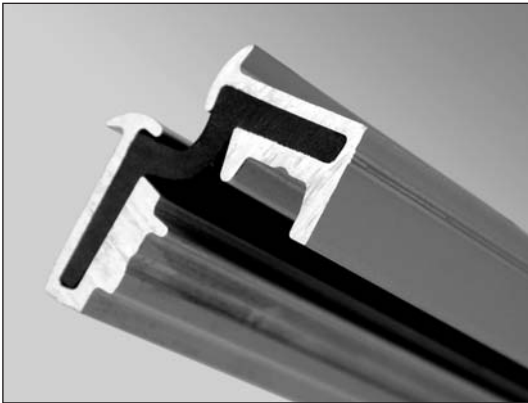


PIANO HINGE - 304 STAINLESS STEEL

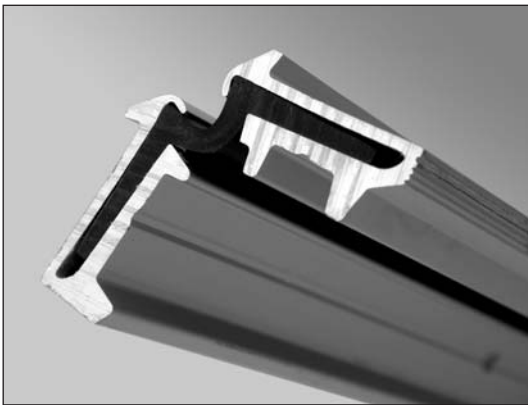
Open flat type (undrilled).



| A | B | C | D | ØE | LENGTH | WEIGHT | PART NO. |
|------------|--------------|--------------|-------------|-----------|--------------|-------------|-----------|
| 25mm/1" | 14.5mm/0.57" | 15mm/0.59" | 1mm/0.04" | 2mm/0.08" | 1800mm/5' 9" | 480g/1.1lb | 2234/2500 |
| 40mm/1.58" | 22.7mm/0.89" | 25.4mm/1.00" | 1.2mm/0.05" | 3mm/0.12" | 1840mm/6' | 930g/22.1lb | 2234/4000 |
| 50mm/1.97" | 28.5mm/1.12" | 15mm/0.59" | 1.5mm/0.06" | 4mm/0.16" | 1800mm/5' 9" | 1.5kg/3.3lb | 2234/5000 |
| 57mm/2.24" | 32mm/1.26" | 15mm/0.59" | 1.5mm/0.06" | 4mm/0.16" | 2160mm/7' | 2kg/4.4lb | 2234/5700 |
| 63mm/2.5" | 35mm/1.38" | 15mm/0.59" | 1.5mm/0.06" | 4mm/0.16" | 1800mm/5' 9" | 1.8kg/4lb | 2234/6300 |
| 76mm/3" | 41.5mm/1.63" | 15mm/0.59" | 1.5mm/0.06" | 4mm/0.16" | 2160mm/7' | 2.4kg/5.3lb | 2234/7600 |



| | | A | B | C | D | E | F | G | H |
|------------------|--|---------------|------|---------------------------|------|------|------|---|---|
| 2229/2200 | | 2000mm length | | Weight 2.2kg/4.9lb | | | | | |
| 2229/2240 | | 2400mm length | | Weight 2.6kg/5.7lb | | | | | |
| 2229/2270 | | 2700mm length | | Weight 2.9kg/6.4lb | | | | | |
| 2229/2300 | | 3000mm length | | Weight 3.0kg/7.3lb | | | | | |
| METRIC (mm) | | 32.0 | 22.0 | 3.50 | 15.5 | 24.0 | 13.5 | | |
| IMPERIAL (ins) | | 1.26 | 0.87 | 0.14 | 0.61 | 0.95 | 0.53 | | |



| | | A | B | C | D | E | F | G | H |
|------------------|--|---------------|------|---------------------------|------|------|------|---|---|
| 2229/9220 | | 2200mm length | | Weight 3.4kg/7.5lb | | | | | |
| 2229/9240 | | 2400mm length | | Weight 3.6kg/7.9lb | | | | | |
| 2229/9270 | | 2700mm length | | Weight 4.0kg/8.8lb | | | | | |
| 2229/9300 | | 3000mm length | | Weight 4.5kg/9.9lb | | | | | |
| METRIC (mm) | | 32.0 | 29.0 | 11.0 | 15.5 | 24.0 | 12.0 | | |
| IMPERIAL (ins) | | 1.26 | 1.14 | 0.43 | 0.61 | 0.95 | 0.47 | | |

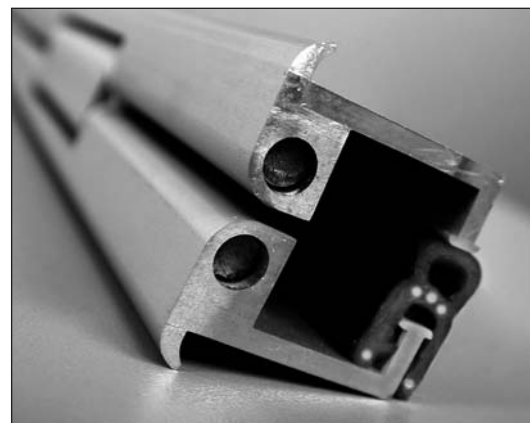
Continuous Hinge

| | | A | B | C | D | E | F | G | H |
|------------------|--|-------------------------|------|---------------------------|------|------|-------|------|---|
| 2227/2000 | | 2 metre length | | Weight 2.3kg/5.1lb | | | | | |
| 2227/2500 | | 2.5 metre length | | Weight 2.9kg/6.4lb | | | | | |
| 2227/3000 | | 3 metre length | | Weight 3.5kg/7.7lb | | | | | |
| METRIC (mm) | | 33.0 | 24.4 | 25.0 | 3.6 | 2.5 | 300 | 70 | |
| IMPERIAL (ins) | | 1.30 | 0.96 | 0.98 | 0.14 | 0.10 | 11.81 | 2.76 | |

| | | A | B | C | D | E | F | G | H |
|------------------|--|-------------------------|------|----------------------------|---|---|---|---|---|
| 2227/2001 | | 2 metre length | | Weight 230g/8.1oz | | | | | |
| 2227/2501 | | 2.5 metre length | | Weight 290g/10.2oz | | | | | |
| 2227/3001 | | 3 metre length | | Weight 350g/12.3 oz | | | | | |
| METRIC (mm) | | 8.50 | 9.00 | 9.00 | * | | | | |
| IMPERIAL (ins) | | 0.34 | 0.35 | 0.35 | | | | | |

DOUBLE KNUCKLE CONTINUOUS HINGE

Anodised aluminium with 304 stainless steel pins & nylon washers @ joints.
180° opening.
For watertight seal a separated extrusion is required (see below).



EXTRUDED SEAL

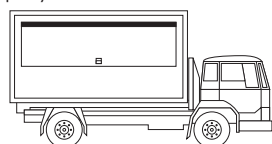
EPDM extrusion on a wire carrier.
For use with 2227 double knuckle continuous hinge for watertight seal.
* Grip range @ 1.5mm - 2.5mm.



CENTAFLEX Continuous hinge

A new concept in hinge design. Centaflex is a stylish, one piece, continuous hinge developed taking full advantage of the latest advances in new materials and manufacturing technology.

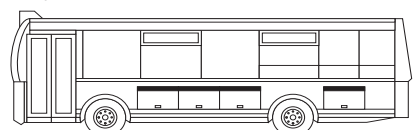
The membrane of the Centaflex Hinge is a flexible resin comprising of a patented blend of polyester elastomers combining the high strength of engineering resins with excellent flexibility. The result is that the Centaflex Hinge has an excellent flex-life at temperatures ranging from minus 40°C to 50 C (-40° F to 122° F).



During the manufacturing process; co-extruded rigid P.V.C. profiles are fused together with the molten, Centaflex Hinge membrane creating an extremely strong and resilient hinge.

For example, a 1 metre length fitted horizontally has a S.W.L. of 100 kg, (which is equivalent to 67 lb per 1 ft. length).

Centaflex is a well designed hinge offering many advantages over conventional continuous hinges currently available.

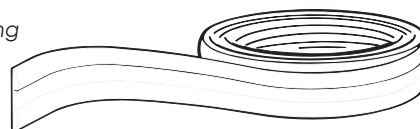


- ┆ Durable - tested to over 50,000 operating cycles.
- ┆ Secure - interlocking profile when closed
- ┆ Maintenance free.
- ┆ Aesthetically pleasing - low exterior profile.
- ┆ Concealed fixings.
- ┆ Easy to fit.
- ┆ Weather-proof continuous seal.
- ┆ Corrosion resistant.
- ┆ U.V. light stabilised
- ┆ Competitively priced.
- ┆ Excellent flex-life.

| Diagram | | | | | 'CENTAFLEX' | | | | |
|--------------------------|--|-----------------------------|------|------|---|---|---|---|---|
| | | | | | Continuous hinge. Black PVC profiles fused together with a flexible membrane. | | | | |
| | | | | | A | B | C | D | E |
| 2231/020 | | 2m Lengths | | | Weight 1kg/2.2lb | | | | |
| 2231/025 | | 2.5m Lengths | | | Weight 1.25kg/2.76lb | | | | |
| 2231/030 | | 3m Lengths | | | Weight 1.5kg/3.3lb | | | | |
| METRIC (mm) | | 28 | 23 | 16 | 4 | | | | |
| IMPERIAL (ins) | | 1.10 | 0.91 | 0.63 | 0.16 | | | | |
| 165° opening, 28 mm face | | | | | | | | | |
| 2232/030 | | Self adhesive side moulding | | | 28mm x 10m length | | | | |

SELF-ADHESIVE, SIDE-MOULDING.

A self-adhesive, side moulding made from black P.V.C. extrusion which has been specifically designed to continue the low hinge profile along the full length of the application, thus, enhancing the vehicle's appearance.



| Diagram | | | | | 'CENTAFLEX' | | | | |
|--------------------------|--|--------------|------|------|---|---|---|---|---|
| | | | | | Continuous hinge. Black PVC profiles fused together with a flexible membrane. | | | | |
| | | | | | A | B | C | D | E |
| 2231/120 | | 2m Lengths | | | Weight 1.6kg/3.5lb | | | | |
| 2231/125 | | 2.5m Lengths | | | Weight 2kg/4.4lb | | | | |
| 2231/130 | | 3m Lengths | | | Weight 2.4kg/5.3lb | | | | |
| METRIC (mm) | | 30 | 34 | 16 | 4.5 | | | | |
| IMPERIAL (ins) | | 1.18 | 1.34 | 0.63 | 0.18 | | | | |
| 180° opening, 30 mm face | | | | | | | | | |

| * 23 mm HINGE * | | * 34 mm HINGE * | |
|-----------------|--|-----------------|--|
| | | | |
| 165° OPENING | | 180° OPENING | |

Centaflex hinges are designed for HORIZONTAL, maintenance-free use, so the use of lubricants/grease is not necessary, in fact, they can be detrimental to the hinge membrane.

Painting of the PVC blades is possible, but care must be taken, as contact between any solvents and the membrane can seriously impair the hinge's performance.

If you require any additional information regarding applications, properties, etc., please contact us for details.