3-D ADJUSTABLE HEAVY DUTY HINGES ℂℰ

These are a range of heavy duty 3-D adjustable hinges to suit un-rebated steel doors. The fixing lugs on the hinge portion slide into the frame box, this then offers 3mm of adjustment in three dimensions; side to side, up or down and compression. All by simply using an allen key and turning the relevant screw. This unique mounting method ensures easy installation even in the trickiest environments. Another advantage of these hinges is that manufacture of the frame and door leaf can be carried out in different locations and then easily married up on site. They have maintenance free, axial-radial, slide bearing technology for smooth operation and an internal torsion-proof pin. Grade 304 stainless steel only. Not available Grade 316. All hinges are CE marked in accordance with BS EN 1935:2002. Please see DoP available on our website.

PROJECT HINGES AND FRAME BOX TO SUIT

VX7729/160

200kg Hinge, 160mm high.
Grade 304 Satin Stainless Steel.
3.5mm thick material, 22.5mm knuckle diameter.
CE Grade 14.
(Box Qty 2)

VX7729/100

100kg Hinge, 95mm high.
Grade 304 Satin Stainless Steel.
3.5mm thick material, 20mm knuckle diameter.
CE Grade 12.
(Box Qty 10)

VX7611-3D

3-D Adjustable frame box.
To suit both the 160mm & 95mm hinge.
Welding points for steel frames.
Zinc plated.
(Box Qty 10)

DOES NOT INCLUDE FIXING SCREWS.
ALL WEIGHTS SHOWN ARE BASED ON TWO HINGES PER LEAF, DOOR SIZE 2000X1000X40MM.

3-D ADJUSTABLE CONCEALED HINGES ℂℰ

Completely concealed hinges mean the knuckle of the traditional hinge is no longer visible so the hinge is not seen at all when the door is in the closed position. The TE540 3D suits unrebated heavy-duty timber doors with timber, steel or aluminium casing frames. It is UL-certified, with comfortable 3-D adjustment, a Grade 13 load capacity of 120kg and an opening angle of up to 180°. The hinge weight capacity is based on fitting two hinges on a 2000mm x 1000mm door. The standard hinge is not fire rated but for FD30 fire doors, use three TE540 FR 3D hinges available. The hinge is 200mm high x 32mm wide and suits left hand or right hand doors. It features maintenance-free slide bearings and is three-dimensionally adjustable by means of a 4mm Allen key: side ±3mm, height ±3mm, compression ±1mm. This prevents the door from sagging and allows the door manufacturer to align the door efficiently and hassle free.
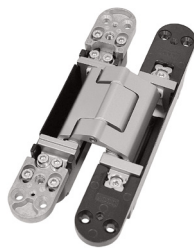
The standard finish is F1 matt chrome which has undergone a Class 3 (96 hours) salt spray test but it is also available F2 matt nickel, SSE stainless steel effect, bronze metallic, PB polished brass, PNP polished nickel plated and SNP satin nickel plated to special order although some premium finishes may require a minimum order quantity. Other sizes are available including TE340 3D 160mm x 28mm (80kg door) and TE640 3D 240mm x 32mm (200kg door).

Frame receivers are available to order depending on construction of door frame.

Classification 4 7 6 1 1 1 1 13. Please see DoP available on our website.

TE540 3D

120kg Hinge, Grade 13, 200x32mm.
F1 Matt chrome.
(Box Qty 2)

TE540 SZ

Hinge receiver for metal frame.
To suit ZTE540 3D hinge.
Galvanised steel.
(Box Qty 1)

THREE KNUCKLE BUTT HINGES ℂℰ

The H1254 hinge is a three knuckle, fixed pin butt hinge based on a 125mm high leaf and using 3.25mm thick material which provides for increased weight loading. Around the standard H1254 hinge are variations for different door thicknesses and fixing positions as well as including projection hinges, electrical conductor, security dog bolt and pivot reinforced hinges. Please call for details.

The standard hinge measures 125mm x 93mm x 3.25mm. It has been tested to BS EN 1935 Grade 12, maximum adjusted door weight 160kg. The recommended minimum door thickness is 44mm. CE Certificate No 1121-CPD-AC0064. These hinges are suitable for use on fire doors: Certifire approved - CF209. Please see DoP available on our website.

H1254.FR.SZP

160kg Hinge, 125mm x 93mm x 3.25mm.
Satin zinc plated steel, fixed pin.
Radiused corners R10.
Wood screws included.
(Box Qty 3)

All products usually available ex-stock except those marked with *. Call for lead time.
Additional manufacturers carriage charges may apply for * items.
No charge for split boxes, but please try to order boxed quantity multiples where possible.

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