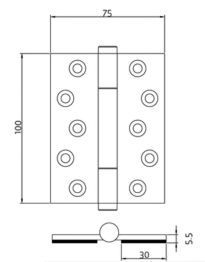


## Tritech Concealed Polymer Bearing Grade 14 Hinge - Self Lubricating - CE / UKCA Marked - Fired Rated - 100mm x 75mm - Polished Nickel

### Product Images

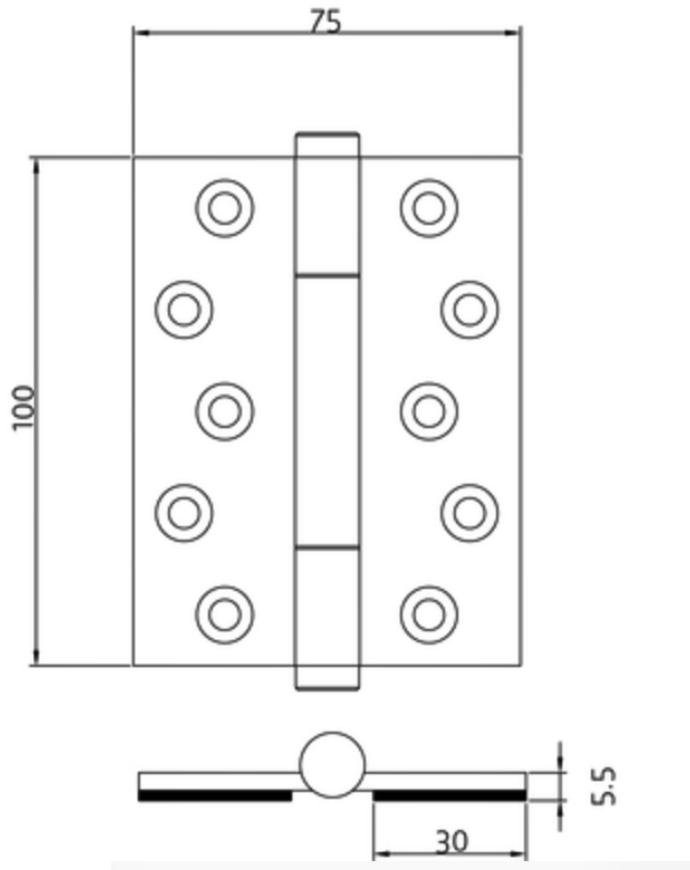


### Description

- Tritech grade 14 concealed polymer bearing self-lubricating polished nickel hinge.
- Fire rated and CE Marked / UKCA Marked to BS EN 1935, **supplied with intumescent liners pre-attached to the back of each hinge leaf.**
- These Hi-Load hinges have been designed and tested for high use, heavy commercial grade doors
- Designed to "Fit and Forget" these hinges have excellent wear-ability with self-lubricating polymer bearings.
- Grease free, no dripping oil or black marks.
- Manufactured in the UK.

- Tested and passed to British standard EN.1935 2002 overall grade 14.
- Tested to grade 7 door mass suitable for doors up to 160kg in weight.
- The bearing avoid metal to metal movement by using polymer bushes in the knuckle, impregnated with a specially formulated lubricant, This construction eliminates the wear and regular maintenance required by other types of hinge.
- Special order - lead time 2-3 weeks.

## Dimensions



Height (H)	100mm
Width (W)	75mm
Leaf Width	30mm
Thickness	5.5mm (Including Intumescent Backing)

## Base Material

- Solid brass

## Finish

- Polished nickel

## Standards This Product Conforms To

- Tested and passed to BS EN 1935\* the British / European standard requirements and testing methods covering single axis hinges. Classification number - **4-7-7-1-1-4-0-14**.

- \*This hinge is supplied with intumescent liners pre-attached to the back of each hinge leaf.
- Tested and passed to BS EN 1634 the British / European standard for determining the fire resistance of door and shutter assemblies including hardware. These hinges have been assessed for use on 30 minute and 1 hour timber fire doors FD30 / FD60.
- CE Marked / UKCA Marked

## Classification Details

- Durability grade 7 - tested to 200,000 opening & closing cycles
- Test door mass grade 7 - suitable for use on doors up to 160kg in weight
- Corrosion resistance grade 4 - high resistance to corrosion in accordance to EN 1670
- Overall hinge grade 14

## Usage

- Suitable for use 44mm and 54mm thick wooden doors
- To pass fire regulations three hinges must be fitted per door (pair and a half).

## Unit Of Sale

- Sold and priced in individually (**1 hinge**) supplied with fixing screws.

### Products in this set

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**48191.1 - Trittech Concealed Polymer Bearing - Grade 14 Hinge - CE / UKCA Marked - Fired Rated - Self Lubricating - 100mm x 75mm - Polished Nickel - (Supplied With Matching Screws) - Each - (1 Hinge)**