

ZEROPLUS CONTIPIN SECURITY HINGES

Heavy duty steel and stainless steel continuous door hinges that spread stress along the full length of the door and frame. The 970 is a heavy duty continuous hinge, close flat type, i.e. if hinge is closed the leaves are lying back on back. Available in Grade 304 self-colour stainless steel (STST) or zinc plated mild steel (ZP), Grade 316 stainless steel is available to special order (minimum order quantities may apply). The hinge is 100mm wide overall (± 1 mm) and has a material thickness of 2.5mm, with 6mm pin, 11mm knuckle and 50.8mm joints. Its pin is clinched one end to prevent the pin rising. Another advantage of using continuous hinges is that they prevent fingers getting trapped on the pull side of the door.

STANDARD FEATURES

This hinge's pin is clinched one end to stop the pin rising out of the hinge in operation. The clinched end should be fitted at the top of the door. The hinge is template drilled as per the patterns below: this makes it particularly suitable for steel doors, particularly as the hinge is a close flat type, i.e. the leaves lie back to back when the hinge is closed.

DOOR WIDTH AND WEIGHT

Suits doors up to 200kg and 1219mm wide.

STANDARD LENGTHS

Stocked 2134mm and 2438mm. Hinges can be cut on site to suit different door heights. They should always be cut from the bottom end, which is the end where the pin is not clinched.

MATERIALS AND FINISHES

Stocked zinc plated mild steel (ZP) and Grade 304 stainless steel self-colour (STST).

FASTENERS

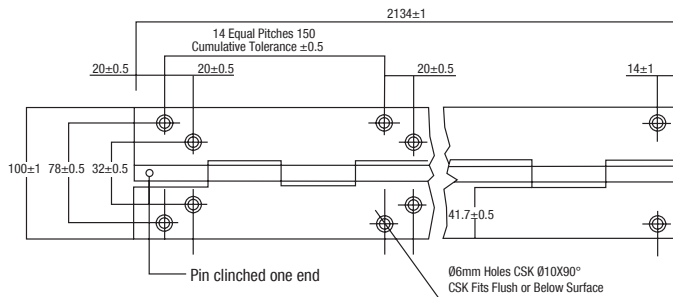
Fasteners not included. Drilled with countersunk 6mm diameter holes. If using machine screws it is recommended to use undercut machine screws so they do not bottom out.

FIRE TESTING

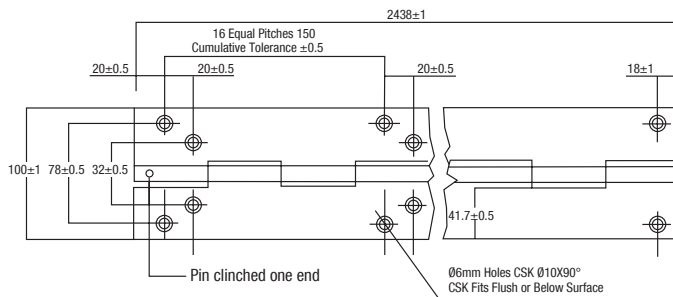
Both sizes of these continuous door hinges in mild steel and stainless steel have been assessed by Exova Warringtonfire for use on previously fire tested (or assessed by Exova Warringtonfire or Chiltern International Fire) insulated and uninsulated steel-based doorsets which have achieved up to 240 minutes integrity, and where appropriate insulation, in accordance with BS EN 1634-1:2014, without detracting from the overall performance of the doorset. The doorset may be of single-leaf or double-leaf configuration. Copy of WF Assessment Report No 387313 Issue 3 dated 31.08.2017 available on request.

TEMPLATE PATTERN

The two drawings below show the templates for 2134mm and 2438mm lengths. This template hole pattern allows for advance door and frame preparation.



TEMPLATE PATTERN 970 2134MM LONG



TEMPLATE PATTERN 970 2438MM LONG



970ZP

Heavy duty continuous hinge for steel doors. Mild steel, zinc plated finish. Template drilled. 100mm wide when open, closed flat type.

- 970ZP-2134*** 2134mm long
- 970ZP-2438** 2438mm long



970STST

Heavy duty continuous hinge for steel doors. Grade 304 stainless, self-colour finish. Template drilled. 100mm wide when open, closed flat type.

- 970STST-2134** 2134mm long
- 970STST-2438** 2438mm long



TOP VIEW

PLEASE NOTE THAT ALL SPECIALIST HINGES ON THIS PAGE ARE NOT CE MARKED AND DO NOT HAVE A DoP.

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.