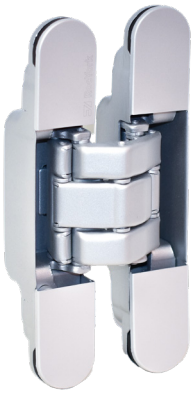
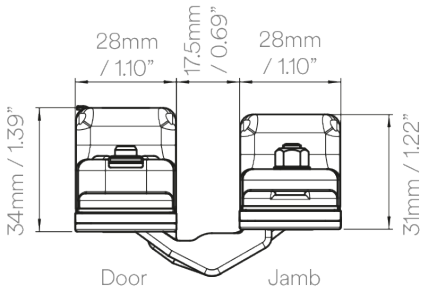
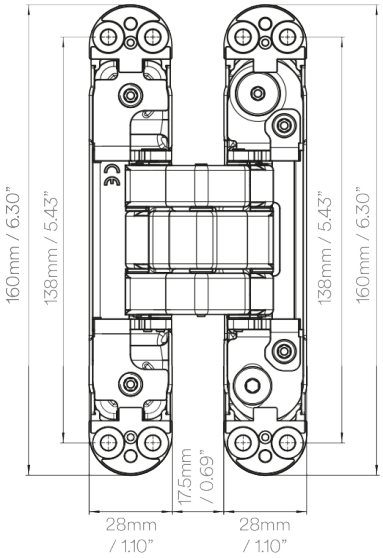
RocYork | Product Datasheet

RYST80 Concealed Hinge

Profile







Description

This revolutionary architectural breakthrough allows for uninterrupted clean lines around internal doors.

Some of the features and benefits of the RocYork Concealed Door Hinge from EZ Concept include:

- No visible barrel or pin
- Maintenance free bearing mechanism
- Aesthetically pleasing magnetic hinge covers

Specification Details

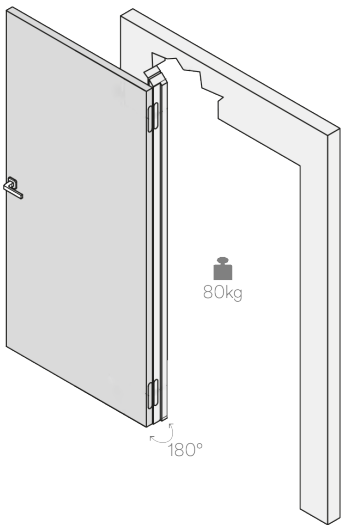
ROCYORK RYST80 CONCEALED HINGE - 3 AXIS ADJUSTABLE			
Door Thickness	1-3/4" - 2-1/4"		
Adjustments	X: Horizontal +3 / -2	Y: Depth ± 1	Z: Vertical ± 3
Capacity [1]	80kg / 176lbs (2) RYST80 Hinges		
Finish	Satin Chrome Satin Nickel	Black White	Satin Brass
Fire Rating [2]	UL 20 Minutes		

[1] When used with EzyJamb Flush Finish Frames three hinges is strongly recommended.

[2] Tested in the US by Intertek in accordance with ANSI/UL 10C - Fire Test of Door Assemblies.

Intertek

Standard 2 hinge application



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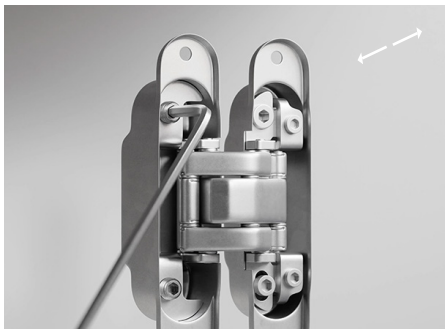
Adjustment

3 Axes of Adjustment - The hinge can be adjusted in three directions to align door margins



Vertical Adjustment

Loosen screw “A” on all hinges. (fig. 1.1).
Adjust the door hinge by turning pin “B” (fig. 1.2).
Repeat the adjustment procedure on all other hinges from the top hinge to the bottom hinge, so that the door weight is evenly distributed on all door hinges. After having finished the adjustment, tighten all screws “A” (fig. 1.1).

It is extremely important to obtain a definite adjustment by acting gradually on all mounted hinges. After having reached the optimal adjustment with the screw, fix the screw to block the hinge without forcing.

Horizontal Adjustment

Adjust the door leaf by rotating pins “C“ (fig. 2.1 and 2.2).

Repeat the adjustment procedure on all other hinges from the top hinge to the bottom hinge.

Depth Adjustment

Loosen screw ‘D’ (fig. 3.1). Adjust the door leaf by rotating the screws ‘E’ and tighten screw ‘D’ (fig. 3.2).

Repeat the adjustment on the lower hinge and finally on the central hinge in the middle.

Information contained within this document supersedes all previous versions and is subject to change without notice.