

CONCEALED FALL FLAP HINGE

29447-454

29447 - Nickel Plated

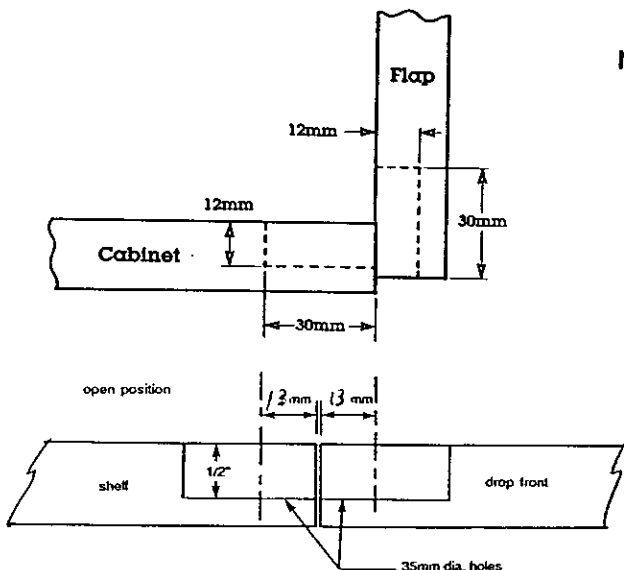
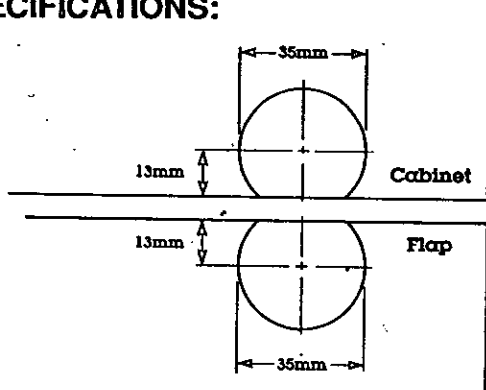
29454 - Brass Plated

FEATURES:

- hinge will not work on slanted drop fronts, it only closes to 90°
- totally concealed when closed
- 90° opening from vertical to horizontal
- requires a 35mm diameter bit to bore recess
- can be used on 5/8" stock thickness or greater
- two-way adjustment - flush alignment and gap setting
- normally requires a drop front support such as 28340 or 30370-395
- flange of hinge projects 3/64" above shelf/drop front surfaces
- sold in pairs
- works on overlay doors only
- does not require a catch as hinge holds flap in closed position
- hinge does not recess flush, hinge has a flange that overlaps 35mm hole and projects 3/64" above shelf/flap surface
- made of die-cast zinc then plated
- supplied with #4 x 5/8" flat head screws

APPLICATION:

SPECIFICATIONS:



INSTALLATION:

Hinge operation: The drop front goes into a closed position when raised to a vertical position. The drop front actually slides downward near 90° about 5/8" from normal rotational axis. The front edge of the cabinet shelf will be partially covered by drop front, and the hinges are totally concealed from view. When drop front is in the open position, drop front will be horizontal and aligned with cabinet.

Look at all installation drawings prior to beginning.

1. Locate and mark corresponding center on both the fall flap and shelf. (See Fig. 1)
2. At these points, measure back from the edge 12.5mm(1/2") to locate the center of the 35 mm (1-3/8") holes for hinge cups.
3. Once center has been determined, drill 35mm holes 12 mm(1/2") deep. For this operation, we suggest either a drill press or hand drill equipped with a "Portalgn" attachment to ensure accuracy. (See Fig. 2)
4. For ease of installation, loosen the larger of the two adjustment screws to separate the hinge into its separate halves. Install the hinge parts into the 35mm(1-3/8") holes using the screws provided. Make sure that the hinge section with the adjustment screws is installed on the shelf and that the other portion with the arm is installed on the fall front.
5. Once the hinge section is installed, reconnect the hinges and tighten the large adjustment screw to lock in place.

Adjustment procedure

The drop front must be adjusted vertically to be aligned flush with the shelf. Loosen the large screw about one turn. Now adjust the small screw to flushly align the meeting top surfaces of drop front and shelf. This is accomplished by turning the small adjusting screw counter-clockwise to lower the front.

The next step before tightening the large screw is to adjust the drop front towards the shelf. Place paper shims next to hinges between drop front and shelf meeting edges. Push drop front toward shelf. Shims prevent edges from touching and equalize spacing. When this adjustment is completed, tighten the large screw on each hinge.

Note: This is a metric engineered product. Please note that translation dimensions to English are not exact.

