

# CONTINUOUS GEARED HINGE

## CONCEALED SWING CLEAR

### 1/16" DOOR INSET FOR 1 3/4" DOORS

## HD4100

## HD4100-LL

Continuous geared aluminum hinges run the full height of the door, evenly distributing the weight of the door along the full height of the frame. Ideal for high-frequency and heavy-weight doors in new construction and retrofit applications.

- ▶ Aluminum alloy 6063-T6; Anodized after machining
- ▶ Specially designed involute intermeshing gears
- ▶ Proprietary Teflon infused self-lubricating wear resistant bearings
- ▶ No hinge reinforcement necessary except on extremely heavy, extremely high-frequency or extra-wide doors
- ▶ Lifetime of the door opening warranty
- ▶ #12-24 TEK MS
- ▶ "LL" model for doors up to 1,000 lbs. features lead-lined dual row hole pattern
- ▶ Standard lengths: 83", 85", 95", 119"

### Available Options

- ▶ #12 x 1 1/2" Wood Screws
- ▶ Torx Security TEK Screws
- ▶ 1 1/2" Torx Security Wood Screws
- ▶ Cut to Net Length - Specify Door Handing
- ▶ Anti-Ligature Hospital Tip - Specify "TIPIT® LG"
- ▶ Dutch Door Prep - Order Form Available at [ngp.com](http://ngp.com)

#### Finishes:

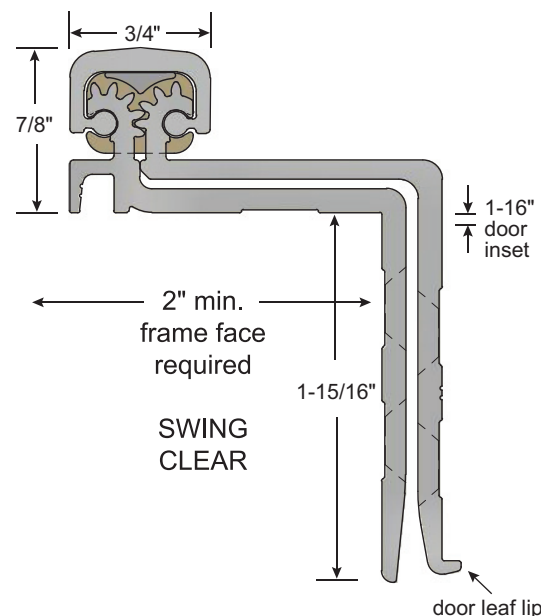
A - Anodized Aluminum  
DKB - Dark Bronze/Black Anodized



Fire-rated 90-minute on hollow metal (except steel stiffened) or wood door leaves up to 4'0" x 8'0" and steel stiffened doors up to 4'0" x 7'2"



ANSI/BHMA Certified to A156.26 American National Standard for Continuous Hinges:  
Grade 1 - 600 lb. Door



Frame leaf covers butt hinge preps

