

# CONTINUOUS GEARED HINGE

## CONCEALED

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

### HD2400 HD2400-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 "ALHT" and Door Handing
- ▶ Dutch Door Prep - Specify Door Handing, Top Door Leaf Length, and Clearance Between Leafs
- ▶ ETW-8 Electric Thru Wire - specify hand
- ▶ ETW-8-MOLEX Electric Thru Wire with Molex Connectors - specify hand
- ▶ EPT prep - order form available on [ngp.com](http://ngp.com)

#### Finishes:

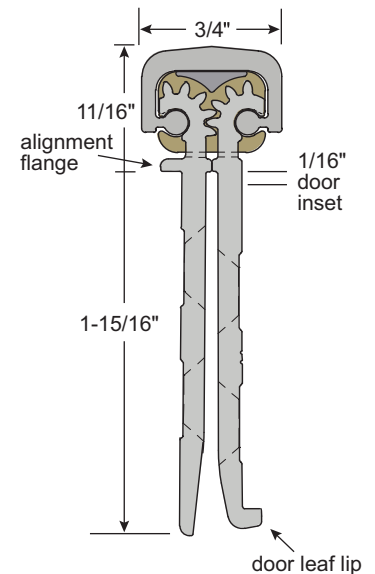
A - Anodized Aluminum  
DKB - Dark Bronze Anodized



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 - 150 lb. Door  
Grade 1 - 600 lb. Door



Frame leaf covers butt hinge preps

