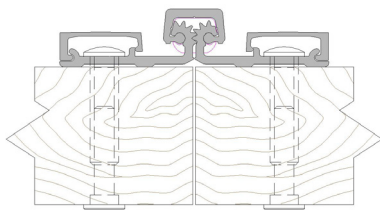


# 681HD- Heavy Duty Full Surface

for 1/16" inset doors



- Distributes door weight and stress along the full length of door and frame
- No misaligned pivot points of individual hinges
- For use on 1-3/4" doors only
- Bi-fold applications
- Typically no additional reinforcement required
- Supports doors up to 450 lbs
- 48" door width maximum
- Clear aluminum, dark bronze and black anodized finishes
- Conforms to ANSI/BHMA Standard A156.26-1996, Grade 1
- Hinge covered by limited lifetime warranty for the life of the building
- Approved for use on metal swinging type fire doors rated up to and including 90 minutes (Order "FR" option for 3 hour rating)
- Approved for use on wood swinging type fire doors rated up to and including 60 minutes (order "FR" option for 90 minute rating)



## Hinges can be furnished as follows:

- Dutch door prep (DD)
- Fire Studs (FR)
- Lead Lined (LL)
- School option (SO)
- Custom length (specify length on order)

### How to Order

Series	Option	Option Description	Size (Inches)	Finish
681HD	DD	Dutch door prep (DD)	79	AL
	FR	Fire Studs (FR)	83	DB
	LL	Lead Lined (LL)	85	BK
	SO	School option (SO)	95	
		Custom length (specify length on order)	120	

Additional fastener options must be ordered separately

\*Fasteners included: 12-24 x 3/4" undercut self-drilling, thread-forming tek machine screws for frame and 1/4-20 sex bolts and shoulder bolts for door.

\*\* Hinge comes standard with all tek screws. To order wood screws, please indicate "Half Tek / Half Wood" or "All Wood" at time of order.