

## Model M190

**Application**

- Heavy-Duty Full Mortise
- Handed

**Product Description & Features**

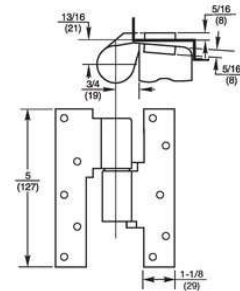
- Used when frame condition does not allow standard top pivot
- Lateral load-bearing
- Maintains door alignment
- Aids in installing floor closers and bottom pivots
- Heavy-duty needle bearing
- 3/4" (19mm) offset standard
- Door edges must be beveled in 1/8" in 2"
- Non-ferrous base metal
- Doors 60" (1524mm) to 90" (2286mm) in height should use one intermediate pivot. Each additional 30" (762mm) warrants another intermediate pivot
- Furnished with wood and machine screws

**Optional Features**

- Available for 1-1/2" (38mm) offset

**Compliance**

- Available for fire door assemblies (ferrous material) – specify FM190
- For 20-minute label suffix "-20" to part number
- ANSI/C07321/C07371

**Technical Information**

## Model ML19

**Application**

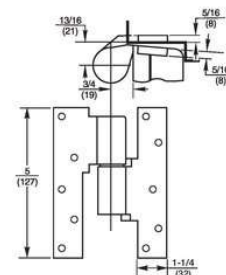
- Full Mortise
- Lead-Lined, Heavy or High Traffic Doors
- Handed

**Product Description & Features**

- Load-bearing
- Screw holes spaced to straddle lead lining in center of door. Also use on extra heavy or high traffic door
- Maintains door alignment
- Aids in installing closers and pivots
- Door edges must be beveled in 1/8" in 2"
- Available to accommodate door thicknesses 1-3/4" (44mm), 2" (51mm), 2-1/4" (57mm), 2-1/2" (64mm), or 3" (76mm) – specify thickness when ordering
- Non-ferrous base material
- Doors 60" (1524mm) to 90" (2286mm) in height should use one intermediate pivot. Each additional 30" (762mm) warrants another intermediate pivot
- Furnished with wood and machine screws

**Compliance**

- Available for fire door assemblies – 1-3/4" (44mm) door only – specify FML19
- For 20-minute label suffix "-20" to the part number
- ANSI/C07311

**Technical Information**

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