

## TYPICAL MDI® HM WELDED FRAMES

### TYPICAL HM FRAME CONSTRUCTION:

- A: Gauge:** 16 ga (standard), 14 ga (heavy duty), 12 ga (extra heavy duty)
- A: Steel:** A40 Galv, A60 Galv, G90 Galv, Stainless Steel (type 304 & 316)
- B: Welding:** WF-Standard Welded or FWF-Fully welded construction.
- C: Hinge Reinf:** 10 gauge high frequency dual purpose hinge reinforcement with return bend for added strength and rigidity. Hinge reinforcements can be easily field converted to accommodate heavy weight hinges. 7 gauge reinforcements are available.
- D: Strike:** 18 gauge ASA strike reinforcement with closed back.
- E: Floor Anchor:** 18 gauge floor anchor. Shown for new construction application.
- Wall Anchor:** A variety of wall anchors (not shown) are available. Contact MDI® for Wall Anchor Tech Data Sheet.

### NOTE:

- Metropolitan supplies its welded frames with tempoary spreaders which are tack-welded to the bottom of each jamb. These spreaders are not to be used for aligning the frame during installation. The sole pupose of the spreaders are to maintain proper alignment during shipment only. Spreaders are to be removed prior to installation.
- Custom engineered frames are available.

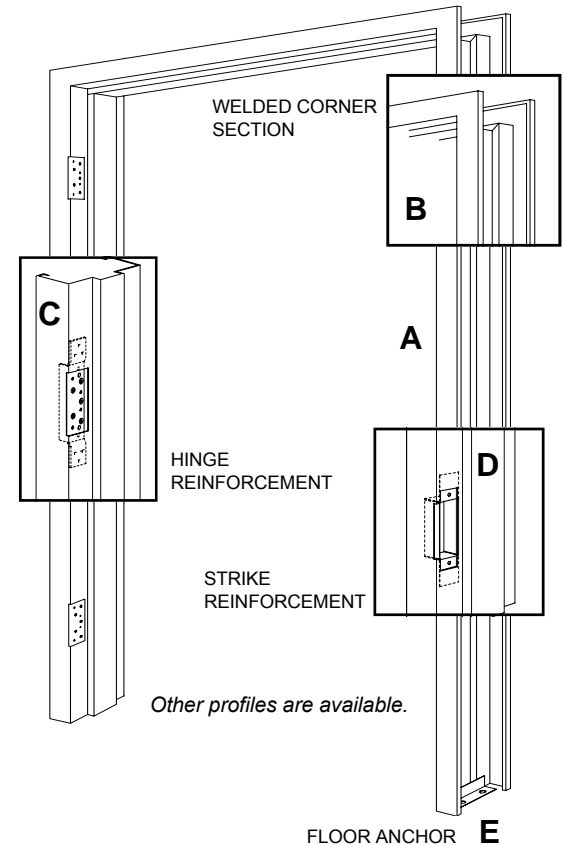
### GENERAL SPECIFICATIONS:

- Standard frames are available as welded (WF) or fully welded (FWF) is optional.
- Frames are mortised, reinforced, drilled & tapped for templated mortise hardware.
- Frames are reinforced (only) for surface applied hardware. All drilling/tapping is by others.
- Mortar (dust) boxes are provided for all hardware mortises for frames to be installed into masonry openings.
- Hinge and strike jambs are supplied with appropriate wall and floor anchors as required for installation.
- All frames will have silencer preps (except stainelss steel). 3-preps on single swing in strike jamb and 2-preps on pair-swing frames in head
- On welded frames, all welded joints are ground smooth and touched-up with primer paint to provide a seamless appearance.
- KD frames come standard with our TS (Tension screw) anchor.
- Standard Welded Frames come with DWZ (metal stud drywall "Z") or MAS (Masonry Strap) anchors for new construction. Other anchor options are available. Contact MDI® for more details.
- Drywall Returns are standard on stock inventoried frames and optional on custom frames. Drywall Returns are not available on 12 gauge frames.
- Finish painting of frames by others.

### Fire Labeling

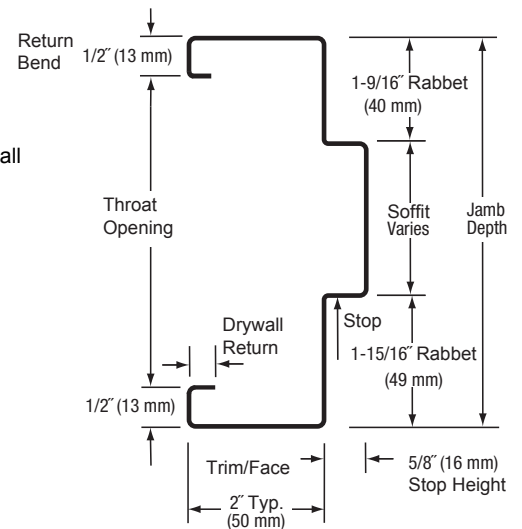
- Metropolitan fire labeled steel frames are approved by both Intertek Testing Services (ITS/ Warnock Hersey) and Underwriters Laboratories (UL) Fire Labeling programs. Fire labeled steel frames must be installed with an equivalent fire labeled door with approved fire listed hardware. Some restrictions do apply. Contact MDI® for more details.

ALL EXPOSED WELDS ARE GROUND SMOOTH AND FILLED.



Other profiles are available.

### Standard MDI® Double Rabbet Frame Profile. Other profiles are available.



Metropolitan Door Industries Corp.  
350 Thorens Avenue  
Garden City Park, NY 11040

Toll Free: 888.MDI.DOOR (888.634.3667)  
Phone: 516.294.1801  
Fax: 516.294.1828

www.metropolitandoor.com

