

PRODUCT CATALOG

HMX



hmexpress.com

1120 N. 47th Avenue
Phoenix, AZ 85043

THE LEGEND RETURNS

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ABOUT HOLLOW METAL XPRESS

At Hollow Metal Xpress, we pride ourselves in our ability to process, manufacture, and ship orders in short time frames – with quality products to meet customer needs. Measuring lead times in days instead of weeks or months, Hollow Metal Xpress has roots in quick ship hollow metal manufacturing since 1998. In 2006 under new ownership, the legendary quick ship and custom hollow metal business was renamed Hollow Metal Xpress, or better known simply as HMX.

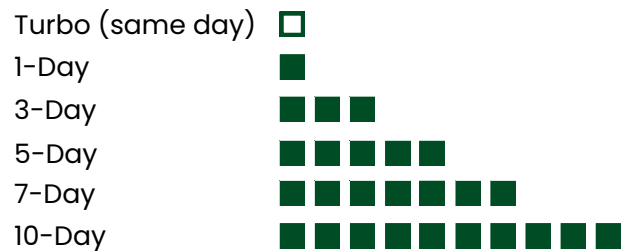
Utilizing steel from American mills and manufacturing in a +100,000 square foot facility in Phoenix, Arizona, HMX ships product throughout the U.S. with one goal in mind – to be the fastest, most dependable manufacture of custom hollow metal doors and frames. HMX delivers quality custom doors and frames when our customers need them. Our legacy continues to grow as we push the envelope of speed, quality, service, and dependability.

LEAD TIME SERVICES – SUPPORTING ANY PROJECT REQUIREMENT

Built on the mentality of delivering quality products quickly, HMX offers a wide range of lead time service options to support any project requirements. That's the legend of HMX!

- Wide range of Xpress lead time services
- Quoting and order processing through our knowledgeable sales staff
- Professional packaging to ensure your doors and frames arrive in excellent condition
- Multiple freight and delivery options available

HMX QUICK SHIP SERVICES*



Contact your HMX Territory Manager local representative for other flexible options to align with project requirements.

* Orders may be subject to capacity and other restrictions.

CONTACT US

PHONE: 623.936.7000



ESTIMATES

quotes.hmx@hmxpress.us



ORDERS

hmx.orders@hmxpress.us



CUSTOMER SERVICE

customer.service.hmx@hmxpress.us

COMMERCIAL FRAMES

STANDARD CONSTRUCTION

SPECIALTY FRAMES

ANCHORING SYSTEMS

PROFILES

DOUBLE EGRESS & POCKET FRAMES

ELEVATIONS

The logo for HDX, featuring the letters 'HDX' in a bold, white, sans-serif font. The letter 'D' is stylized with a vertical bar and a small square at its base, resembling a door handle or a window frame component.

STANDARD CONSTRUCTION

MATERIAL

- GAUGE: Standard - 16 ga.; Optional - 14 ga. and 12 ga.
- COATING: Standard - A40 galvanized; Optional - A60 galvanized and G90 galvanized
- PRIMER: Standard - rust-inhibitive primer; Optional - unprimed (standard on G90)

REINFORCEMENTS

- Hinge Reinforcement: 7 ga.
- Strike Reinforcement: 14 ga.
- Closer Reinforcement: 14 ga.

GENERAL CONSTRUCTION

- Single Return (Masonry) & Double Return (Drywall) Options
- Knock-down & Welded (Face or Continuous Weld)
- Hinge Backset: 5/16"
- Mortar Guards: Standard on F-Series Masonry
- Backbends & Returns: 1/2" standard (7/16" on 5-3/4" masonry profiles standard)
- Rabbets: Standard - unequal rabbet; Optional - equal rabbet, single rabbet, cased open, double egress, and custom engineered designs

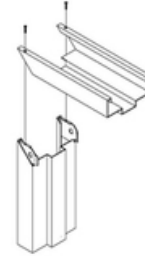
FIRE RATINGS

- UL & Intertek listed up to 3 hours - mylar and metal options
- Guardian labels available on oversized and custom products

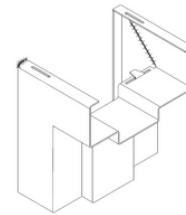
SPECIALTY FRAMES

- STC - Sound Transmission Class Openings
- Lead Lined
- Extra Wide Jamb Depths
- Monorail Frames
- Custom and Unique Profiles
- Kerf Frames
- Thermal Break Frames
- Bullet Resistant Assemblies

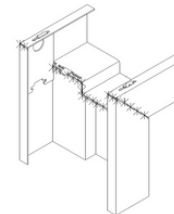
CORNER TREATMENTS



KNOCK-DOWN
Frame components assembled on-site and secured with tabs and/or screws

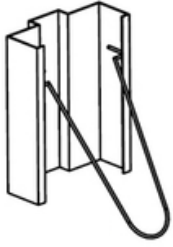


FACE WELD
Frame faces welded

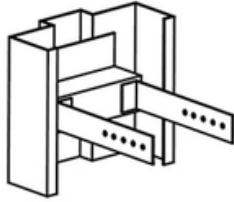


CONTINUOUS WELD
All frame elements welded - soffits, stops, rabbets, faces and returns

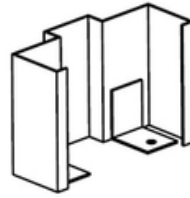
ANCHORING SYSTEMS



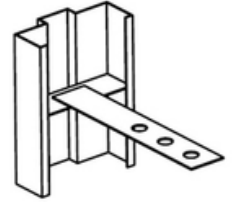
MASONRY WIRE ANCHOR (LOOSE)



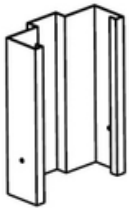
WOOD/STEEL STUD ANCHOR



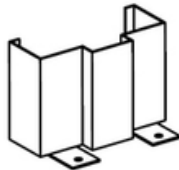
TWO PIECE BASE ANCHOR



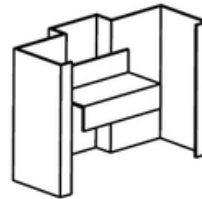
MASONRY T-ANCHOR (LOOSE)



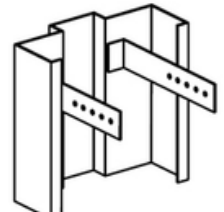
SMALL PUNCH & DIMPLE



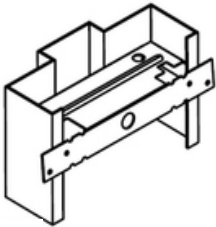
REVERSE BASE ANCHOR



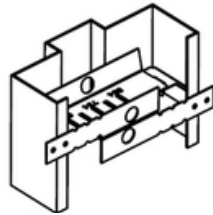
Z-ANCHOR (WELDED IN)



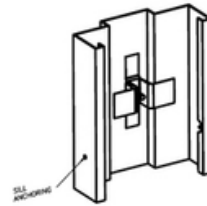
WOOD STRAP ANCHOR



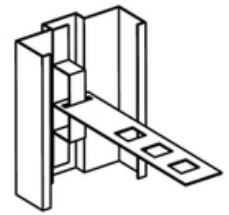
SNAP-IN UNIVERSAL ANCHOR



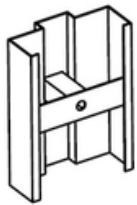
SNAP-IN ADJ UNIVERSAL ANCHOR



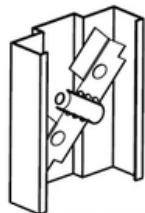
COMPRESSION ANCHOR



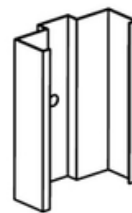
ADJUSTABLE STRAP ANCHOR



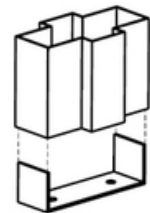
EXISTING MASONRY ANCHOR STRAP & TUBE WELDED



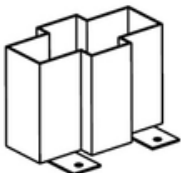
EXISTING MASONRY ANCHOR SNAP-IN (LOOSE)



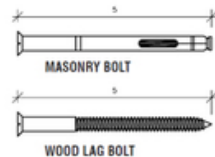
EXISTING MASONRY ANCHOR PUNCH & DIMPLE ONLY



MULLION BASE ANCHOR



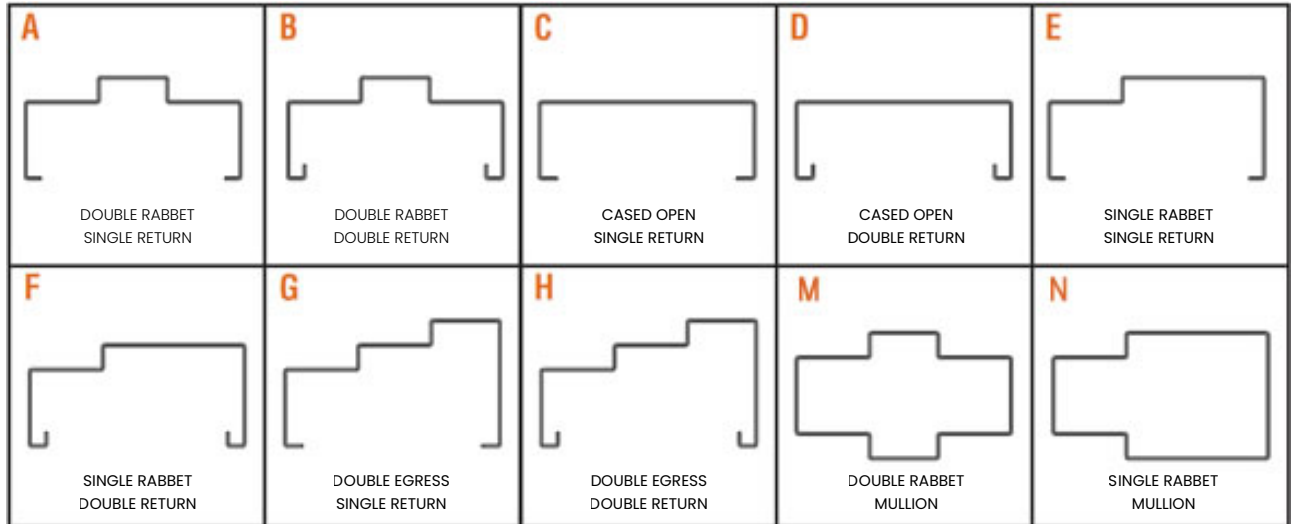
REVERSE MULLION BASE ANCHOR



VARIOUS SLEEVE ANCHORS AND BOLTS

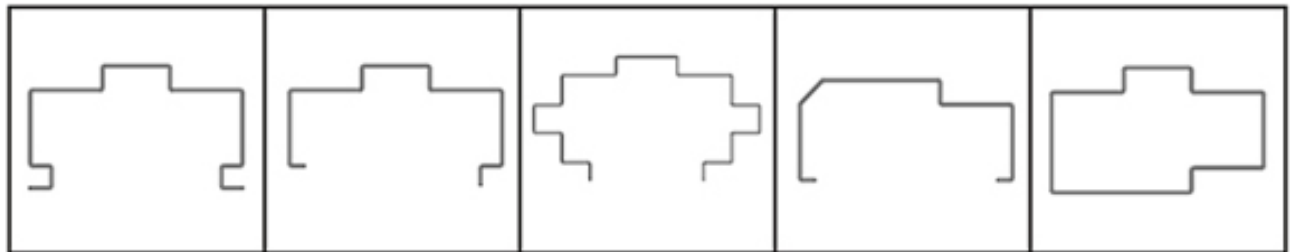
**INQUIRE WITH HMX FOR
ADDITIONAL ANCHORING
SYSTEMS AND CUSTOM
OPTIONS!**

STANDARD PROFILES



HMX offers a wide range of standard commercial frame profiles and jamb depths.

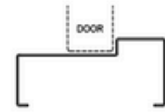
CUSTOM PROFILES



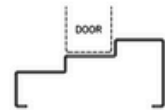
Our experienced engineering and project management team are available to work alongside owners, architects, and distributors to design and manufacture custom frame profiles for unique project requirements.

DOUBLE EGRESS FRAMES

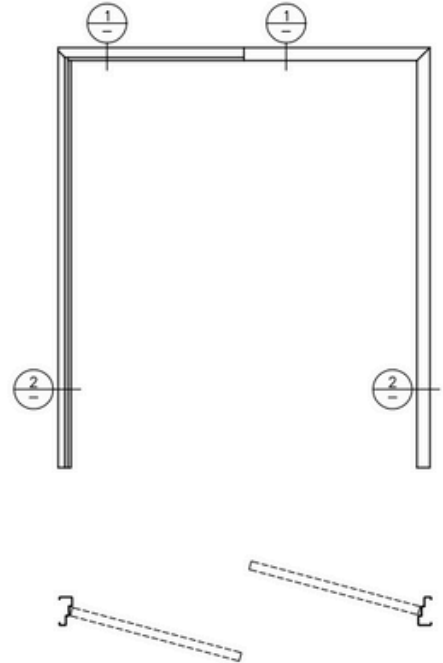
Commonly used in cross-corridor applications, double egress frames are specifically prepared to receive two single-acting doors that swing in opposite directions, allowing for egress in both directions through the same opening.



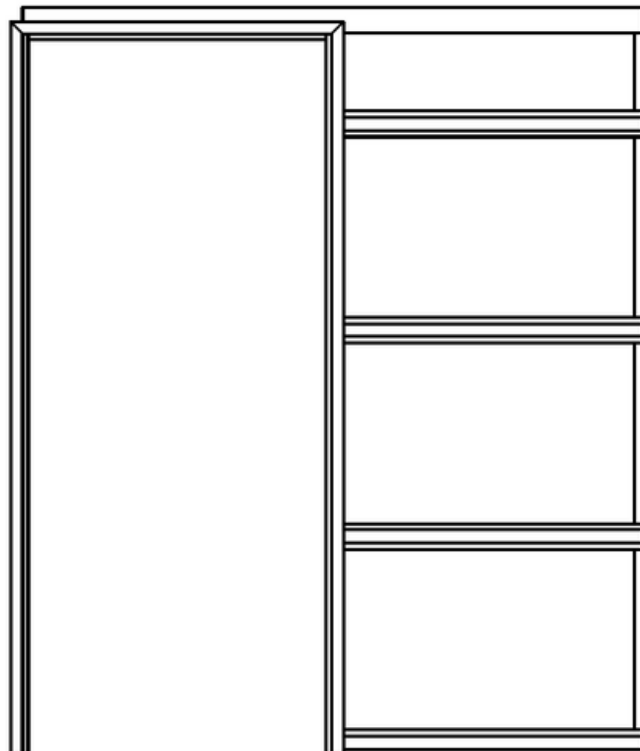
1 HEAD ASSEMBLY



2 JAMB ASSEMBLY



POCKET DOOR FRAMES



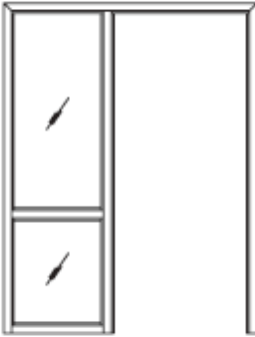
Pocket door frames are specialized systems that allow a door to slide and recess entirely within a cavity located inside a wall.

CONSTRUCTION OPTIONS

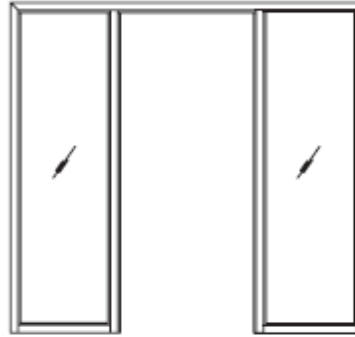
1. Pocket door frame with internal wall subframe optional
2. Pocket door frame with top guide rail only

ELEVATIONS

Elevations include primed glass stop that has been cut to size and “pre-installed” against the stop.



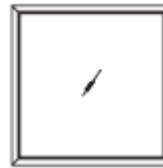
SIDE LITE



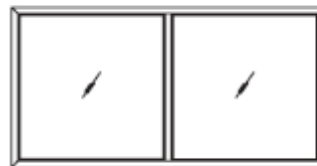
DOUBLE SIDE LITE



TRANSOM

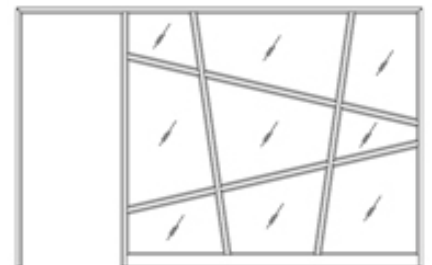
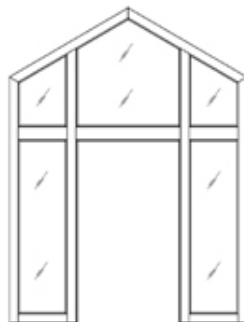


BORROWED LITE
SINGLE / DOUBLE



CUSTOM ELEVATIONS

Hollow Metal Xpress is your source for unique frame configurations that will give you a truly customized appearance. If you can imagine it, we can build it.



COMMERCIAL DOORS

STANDARD CONSTRUCTION
SPECIALTY DOORS
CORE OPTIONS
LITE KIT AND LOUVER CUTOUTS

HDX

STANDARD CONSTRUCTION

MATERIAL

- GAUGE: Standard - 18 ga.; Optional - 16 ga., 14 ga., and 12 ga.
- COATING: Standard - A40 galvanized; Optional - A60 galvanized and G90 galvanized
- PRIMER: Standard - rust-inhibitive primer; Optional - unprimed (standard on G90)

REINFORCEMENTS

- Hinge Reinforcement: 7 ga.
- Closer Reinforcement: 14 ga.
- Hardware Reinforcement: 16 or 14 ga.

GENERAL CONSTRUCTION

- 1-3/4" thick standard; other thicknesses available
- Inverted top and bottom channels standard (flush optional)
- Beveled edges (square optional)
- 1/4" hinge backset
- Seamless edges optional
- Oversized doors

FIRE RATINGS

- UL & Intertek listed up to 3 hours - mylar and metal options
- Guardian labels available for oversize and custom products

CORE OPTIONS

- Polystyrene
- Honeycomb
- Steel Stiffened
- Polyurethane
- Fiberboard / Temperature Rise

SPECIALTY DOORS

- STC - Sound Transmission Class Openings
- Lead Lined
- Alternate Thickness Doors: 1-3/8", 2", and thicker
- Wicket Doors
- Dutch Doors and Dutch Door Shelves
- Monorail Doors
- Bullet Resistant Assemblies

CORE OPTIONS



POLYSTYRENE

HONEYCOMB



STEEL STIFFENED

POLYURETHANE

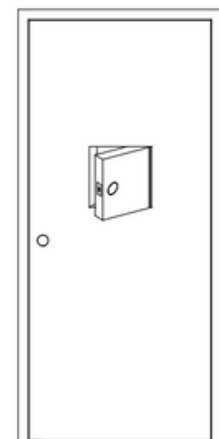


FIBERBOARD /
TEMPURATURE RISE

DUTCH DOOR
W/ SHELF



WICKET
DOOR



DOOR OPTIONS MATRIX

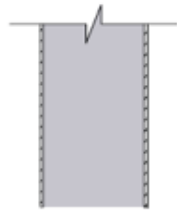
DOOR SPECIFICATION		LS SERIES	SW SERIES
MATERIAL GAUGE	18 ga.	S	O
	16 ga.	O	S
	14 ga.	-	O
	12 ga.	-	O
SEAM TYPE	SEAMED EDGE	S	-
	SEAMLESS EDGE	O	S
CORES	POLYSTYRENE	S	S
	POLYURETHANE	O	O
	HONEYCOMB	O	O
	STEEL STIFFENED	O	O
	TEMPURATURE RISE	-	O
COATING	A40	S	S
	A60	O	O
	G90	O	O
PRIMER	RUST-PROHIBITIVE PRIMER	S	S
	UNPRIMED	O	O
DOOR THICKNESS	1-3/4"	S	S
	1-3/8"	O	O
	OTHER THICKNESS	-	O
EDGE TYPE	BEVELED	S	S
	SQUARE	O	O

S: Standard feature

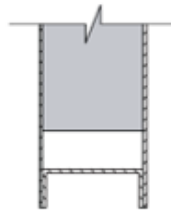
O: Optional feature

-: Not available

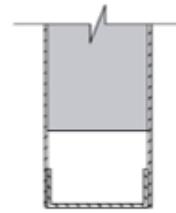
LITE KIT AND LOUVER CUTOUTS



CO1
CUTOUT ONLY
NO CHANNEL



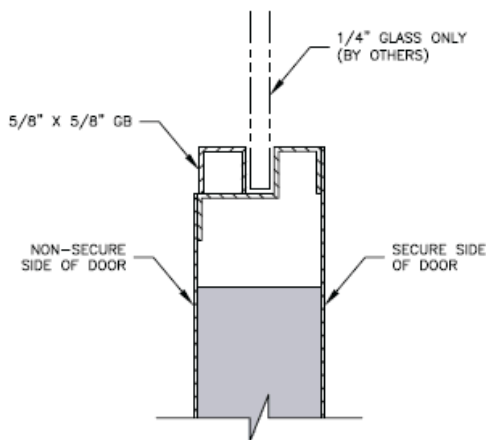
CO2
CUTOUT ONLY
INVERTED CHANNEL



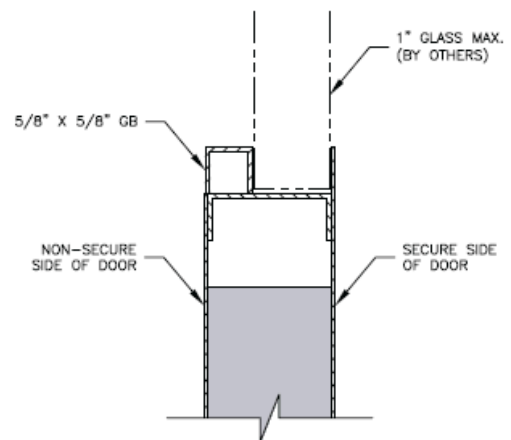
CO3
CUTOUT ONLY
FLUSH CHANNEL

- CO1 available up to 1/2 glass application
- CO2 or CO3 required for greater than 1/2 glass application

INTEGRAL LITE KITS AND LOUVERS



LIT1
INTEGRAL LITE KIT
TYPE 1
STEPPED CHANNEL



LIT2
INTEGRAL LITE KIT
TYPE 2
FLUSH CHANNEL

- Custom kits available for alternative glass thickness

STC OPENINGS

SOUND TRANSMISSION CLASS

HDX

SOUND TRANSMISSION CLASS (STC)

Sound Transmission Class (STC) openings are engineered to preserve an assemblies required sound insulation rating. These openings reduce the amount of sound that is audible on the opposite side of the door. Specified in many medical and counseling offices, offices and conference rooms, multi-family and hotel rooms, industrial sites, and other installations where separation of airborne sound between adjacent spaces is needed.

HMX offers a wide range of STC rated openings for the most demanding environments, all while keeping weight to a minimum.

STC RATING / MODEL #:	
SINGLE DOOR OPENING	PAIRED DOOR OPENING
STC35	
STC43	
STC45	STC45PR
STC46	
	STC47PR
STC48	
STC49	
STC50	STC50PR
STC52	
STC53	

STC RATINGS CHART		
STC	PERFORMANCE	DESCRIPTION
20-25	VERY POOR	LOW SPEECH AUDIBLE
25-30	POOR	NORMAL SPEECH UNDERSTOOD EASILY
30-35	FAIR	LOUD SPEECH UNDERSTOOD FAIRLY WELL
35-40	GOOD	LOUD SPEECH HEARD BUT HARDLY INTELLIGIBLE
45-50	VERY GOOD	LOUD SPEECH HEARD FAINTLY
50-60	EXCELLENT	LOUD SOUNDS HEARD FAINTLY OR NOT AT ALL

- The STC rating is calculated in accordance with ASTM E413
- It's a single number rating for interior building partitions that are subjected to mid to high frequency noises
- The higher the number, the better the noise isolation
- Standard steel doors often have an STC rating in the 25-35 range
- Specifying a door with an STC rating in the 40s is adequate in most situations, but in settings where sound control is critical, such as an office where confidential meetings are held, doors above STC 45 may be needed
- STC openings are rated and furnished with door(s), frame, and sound seals



THE LEGEND RETURNS

hmexpress.com
623.936.7000

1120 N. 47th Avenue
Phoenix, AZ 85043

CERTIFICATIONS & AFFILIATIONS

