IMPERIAL DOOR & FRAME

Charlotte, NC Service Center · Hollow Metal Stock Matrix

MANUFACTURER HINGE & LOCK LOCATIONS

S indicates the item is in stock in Charlotte. Non-stock items are available as special order from the factory.

HOLLOW METAL DOORS

Imperial Series hollow metal door. 1-3/4" thick, A40 galvannealed steel, high-performance polystyrene core, continuous weld interlocking seam, 16 GA flush top channel and 16 GA inverted bottom channel with 3/4" weep holes. Square edge, undersized 1/4" in width and 7/8" in height. Ships factory primed in gray water-based primer. Up to 3-hour fire rating; UL 10B / UL 10C, NFPA 252 / NFPA 80, STC 35.

	STEELCRAFT			CECO			CURRIES			MESKER			PIONEER		
DOOR SIZE	**3H x 161**	**3H x 86M**	**3H x RP**	**3H x 161**	**3H x 86M**	**3H x RP**	**3H x 161**	**3H x 86M**	**3H x RP**	**3H x 161**	**3H x 86M**	**3H x RP**	**3H x 161**	**3H x 86M**	**3H x RP**
18 GA. FLUSH · NON-HANDED / REVERSIBLE															
2/0 x 6/8	S	S	-	-	-	-	S	-	-	-	-	-	S	-	-
2/0 x 7/0	S	S	-	-	-	-	S	S	-	-	-	-	S	S	-
2/4 x 6/8	S	S	-	-	-	-	S	-	-	-	-	-	-	-	-
2/4 x 7/0	-	S	-	-	-	-	-	-	-	-	-	-	-	-	-
2/6 x 6/8	S	S	-	-	-	-	S	S	-	-	-	-	-	-	-
2/6 x 7/0	S	S	S	-	-	-	S	S	-	-	-	-	S	S	-
2/8 x 6/8	S	S	-	-	-	-	S	S	-	-	-	-	S	S	-
2/8 x 7/0	S	S	S	-	-	-	S	S	-	-	-	-	S	S	-
2/10 x 6/8	S	S	-	-	-	-	S	-	-	-	-	-	S	-	-
2/10 x 7/0	S	S	-	-	-	-	S	S	-	-	-	-	S	S	-
3/0 x 6/8	S	S	S	S	S	-	S	S	S	S	S	-	S	S	-
3/0 x 7/0	S	S	S	S	S	S	S	S	S	S	S	-	S	-	-
3/0 x 8/0	S	S	S	-	S	S	S	S	-	S	-	S	S	S	-
3/4 x 6/8	S	S	S	-	-	-	-	-	S	-	-	-	-	-	S
3/4 x 7/0	S	S	S	-	-	-	-	-	-	-	-	-	-	-	-
3/4 x 8/0	-	S	-	-	-	-	-	-	-	-	-	-	-	-	-
3/6 x 6/8	S	S	S	-	-	-	S	S	S	-	-	-	-	-	S
3/6 x 7/0	S	S	S	-	-	-	S	S	S	-	-	-	S	S	S
3/6 x 8/0	-	S	-	-	-	-	-	-	-	-	-	-	-	-	-
3/8 x 6/8	S	S	S	-	-	-	S	-	-	-	-	-	-	-	-
3/8 x 7/0	S	S	S	-	-	-	-	-	-	-	-	-	-	-	-
3/8 x 8/0	-	S	-	-	-	-	-	-	-	-	-	-	-	-	-
3/10 x 7/0	-	S	-	-	-	-	-	-	-	-	-	-	-	-	-
4/0 x 6/8	S	S	S	-	-	-	S	-	-	-	-	-	-	-	-
4/0 x 7/0	S	S	S	S	-	-	S	-	-	-	-	-	-	S	-
4/0 x 8/0	-	S	S	-	-	-	-	-	S	-	-	-	-	-	-
18 GA. BEVELED · HANDED															
3/0 x 6/8	S	S	-	S	S	-	-	-	-	-	-	-	-	-	-
3/0 x 7/0	S	S	-	S	S	-	-	-	-	-	-	-	-	-	-
16 GA. FLUSH · NON-HANDED / REVERSIBLE															
3/0 x 6/8	-	-	-	-	-	-	S	S	S	-	-	-	-	-	-
3/0 x 7/0	-	-	-	-	-	-	S	S	S	-	-	-	-	-	-
18 GA. 2-PANEL EMBOSSED															
3/0 x 6/8	S	S	-	-	-	-	-	-	-	-	-	-	-	-	-
3/0 x 7/0	S	S	-	-	-	-	-	-	-	-	-	-	-	-	-
18 GA. 6-PANEL EMBOSSED															
3/0 x 6/8	S	S	-	-	-	-	-	-	-	-	-	-	-	-	-
3/0 x 7/0	S	S	-	-	-	-	-	-	-	-	-	-	-	-	-
3/0 x 8/0	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Hinge & latch preparation: 3H x 161 = three 4-1/2" hinge preps with 2-1/8" face bore, 2-3/4" backset and 1-1/8" x 2-1/4" edge prep. 3H x 86M = three 4-1/2" hinge preps with 1-1/4" x 8" edge prep and mortise pocket reinforcement. 3H x RP = three 4-1/2" hinge preps with latch side rim panic device reinforcement, no edge prep. Closer reinforcement 14 GA, 6" x 17", both sides. Universal 4-7/8" strike prep. Flush and embossed doors are non-handed and reversible; Beveled doors are handed, two sides beveled with a seamed lock seam edge. Double bore preps are cut to order on any door listed above. Pioneer doors are flush; some are honeycomb core rather than polystyrene.

HOLLOW METAL FRAMES · MASONRY

16 GA A40 galvannealed knock-down masonry frame, brake-press formed and powder coated. Standard Double rabbet, unequal rabbet; 7 GA hinge reinforcement on a 4-1/2" template, 12 GA one-piece strike reinforcement, 9/32" silencer holes and pre-punched fire label holes. Supplied with 3 strap anchors per jamb (4 per jamb at 8/0) and a non-adjustable floor anchor. Fire rated up to 3 hours. Jamb depth is the overall frame width, not the throat; (see the jamb depth table below). Headers are 2" face; 4" face headers are listed separately below. Headers are common to all hinge and strike jambs. Frame is 3-sided, with two jambs and a header, typically supplied KD. Pre-welded frames are available. S indicates the complete 3-sided frame is in stock. Contact us to confirm handing.

5-3/4" Jamb Depth · Manufacturer Hinge Locations

Single openings

FRAME SIZE	STEELCRAFT	CECO	CURRIES	MESKER	PIONEER
2/0 x 6/8	S	S	S	-	S
2/0 x 7/0	S	S	S	-	S
2/0 x 8/0	S	S	S	-	S
2/4 x 6/8	S	S	S	-	S
2/4 x 7/0	S	S	S	-	S
2/4 x 8/0	S	S	S	-	S
2/6 x 6/8	S	S	S	-	S
2/6 x 7/0	S	S	S	-	S
2/6 x 8/0	S	S	S	-	S
2/8 x 6/8	S	S	S	-	S
2/8 x 7/0	S	S	S	-	S
2/8 x 8/0	S	S	S	-	S
2/10 x 6/8	S	S	S	-	S
2/10 x 7/0	S	S	S	-	S
2/10 x 8/0	S	S	S	-	S
3/0 x 6/8	S	S	S	-	S
3/0 x 7/0	S	S	S	-	S
3/0 x 8/0	S	S	S	-	S
3/4 x 6/8	S	S	S	-	S
3/4 x 7/0	S	S	S	-	S
3/4 x 8/0	S	S	S	-	S
3/6 x 6/8	S	S	S	-	S
3/6 x 7/0	S	S	S	-	S
3/6 x 8/0	S	S	S	-	S
3/8 x 6/8	S	S	S	-	S
3/8 x 7/0	S	S	S	-	S
3/8 x 8/0	S	S	S	-	S
4/0 x 6/8	S	S	S	-	S
4/0 x 7/0	S	S	S	-	S
4/0 x 8/0	S	S	S	-	S

Additional Masonry Jamb Depths

Single openings; Steelcraft, Ceco, Curries and Pioneer hinge locations

FRAME SIZE	6-1/4"	6-3/4"	7-1/4"	7-3/4"	8-1/4"	8-3/4"
3/0 x 6/8	S	S	S	S	S	S
3/0 x 7/0	S	S	S	S	S	S
4/0 x 6/8	S	S	S	S	S	S
4/0 x 7/0	S	S	S	S	S	S

Masonry Headers · 4" Face

5-3/4" jamb depth; supplied with 2" face jambs

HEADER WIDTH	2/6	2/8	2/10	3/0	3/4	3/6	3/8	4/0	5/0 (pair)	6/0 (pair)	8/0 (pair)
In stock	S	S	S	S	S	S	S	S	S	S	S

Jamb Depth & Throat

Jamb depth is the overall frame width; throat is the wall thickness the frame covers

JAMB DEPTH	5-3/4"	6-1/4"	6-3/4"	7-1/4"	7-3/4"	8-1/4"	8-3/4"
Throat	4-7/8"	5-1/4"	5-3/4"	6-1/4"	6-3/4"	7-1/4"	7-3/4"

Masonry Frames · Pair Openings

Two jambs and a double header

FRAME SIZE	STEELCRAFT	CECO	CURRIES	MESKER	PIONEER
5/0 x 6/8	S	S	S	-	S
5/0 x 7/0	S	S	S	-	S
5/0 x 8/0	S	S	S	-	S
6/0 x 6/8	S	S	S	-	S
6/0 x 7/0	S	S	S	-	S
6/0 x 8/0	S	S	S	-	S
7/0 x 6/8	S	S	S	-	S
7/0 x 7/0	S	S	S	-	S
7/0 x 8/0	S	S	S	-	S
8/0 x 6/8	S	S	S	-	S
8/0 x 7/0	S	S	S	-	S
8/0 x 8/0	S	S	S	-	S

Pair Openings · Additional Jamb Depths

FRAME SIZE	6-1/4"	6-3/4"	7-1/4"	7-3/4"	8-1/4"	8-3/4"
6/0 x 6/8	S	S	-	-	S	S
6/0 x 7/0	S	S	-	-	S	S

Masonry Frames · Pre-Welded

16 GA fully welded and ground masonry frame, 3 hour rated, shipped set up and ready to install. 3/0 x 7/0 opening. Blank edge omits the strike prep for pairs and inactive leaves. Supplied in Steelcraft, Ceco and Curries hinge locations.

WELDED FRAME	STEELCRAFT	CECO	CURRIES	MESKER	PIONEER
3/0 x 7/0 · 5-3/4" jamb depth	S	S	S	-	-
3/0 x 7/0 · 5-3/4" jamb depth · blank edge	-	S	-	-	-
3/0 x 7/0 · 7-3/4" jamb depth	-	-	S	-	-

Blank edge and compression anchor jambs, cased openings and full frames are listed under Full Frames & Special Frames. Adjustable frames are supplied in the drywall profile only.

HOLLOW METAL FRAMES · DRYWALL

16 GA A40 galvannealed knock-down wrap-around drywall frame (5-5/8" outside; 4-7/8" throat). Mitered corners, assembled on site with no welding. Double rabbet, unequal rabbet, 2" face, 5/8" stop. 7 GA hinge reinforcement, 12 GA strike reinforcement, silencer and fire label holes pre-punched. Supplied with compression anchors, strap anchors and countersunk base holes. Fire rated up to 90 minutes.

5-7/8" Jamb Depth · Manufacturer Hinge Locations

Single openings

FRAME SIZE	STEELCRAFT	CECO	CURRIES	MESKER	PIONEER
2/0 x 6/8	S	S	S	-	-
2/0 x 7/0	S	S	S	-	-
2/0 x 8/0	S	-	-	-	-
2/4 x 6/8	S	S	S	-	-
2/4 x 7/0	S	S	S	-	-
2/4 x 8/0	S	-	-	-	-
2/6 x 6/8	S	S	S	-	-
2/6 x 7/0	S	S	S	-	-
2/6 x 8/0	S	-	-	-	-
2/8 x 6/8	S	S	S	-	-
2/8 x 7/0	S	S	S	-	-
2/8 x 8/0	S	-	-	-	-
2/10 x 6/8	S	S	S	-	-
2/10 x 7/0	S	S	S	-	-
2/10 x 8/0	S	-	-	-	-
3/0 x 6/8	S	S	S	-	-
3/0 x 7/0	S	S	S	-	-
3/0 x 8/0	S	-	-	-	-
3/4 x 6/8	S	S	S	-	-
3/4 x 7/0	S	S	S	-	-
3/4 x 8/0	S	-	-	-	-
3/6 x 6/8	S	S	S	-	-
3/6 x 7/0	S	S	S	-	-
3/6 x 8/0	S	-	-	-	-
3/8 x 6/8	S	S	S	-	-
3/8 x 7/0	S	S	S	-	-
3/8 x 8/0	S	-	-	-	-
4/0 x 6/8	S	S	S	-	-
4/0 x 7/0	S	S	S	-	-
4/0 x 8/0	S	-	-	-	-

Additional Drywall Jamb Depths · Single Openings · Steelcraft, Ceco and Curries Hinge Locations

FRAME SIZE	5-5/8"	8-1/4"	Adjustable
2/0 x 6/8	S	S	S
2/0 x 7/0	S	S	S
2/0 x 8/0	-	S	S
2/6 x 6/8	S	S	S
2/6 x 7/0	S	S	S
2/6 x 8/0	-	S	S
2/8 x 6/8	S	S	S
2/8 x 7/0	S	S	S
2/8 x 8/0	-	S	S
2/10 x 6/8	-	S	S
2/10 x 7/0	-	S	S
2/10 x 8/0	-	S	S
3/0 x 6/8	S	S	S
3/0 x 7/0	S	S	S
3/0 x 8/0	-	S	S
3/4 x 6/8	S	S	S
3/4 x 7/0	S	S	S
3/4 x 8/0	-	S	S
3/6 x 6/8	S	S	S
3/6 x 7/0	S	S	S
3/6 x 8/0	-	S	S
3/8 x 6/8	-	S	S
3/8 x 7/0	-	S	S
3/8 x 8/0	-	S	S
4/0 x 6/8	S	S	S
4/0 x 7/0	S	S	S
4/0 x 8/0	-	S	S

Adjustable Frames

Two-piece telescoping jamb and header; all three sides adjust to the wall thickness. Adjustable frames are stocked in Steelcraft hinge locations only. They telescope to cover a 4-5/8" to 7-3/4" wall, with an outside width of 5-5/8" to 8-3/4".

	STEELCRAFT (SC)								
FRAME HEIGHT	2/0	2/6	2/8	2/10	3/0	3/4	3/6	3/8	4/0
6/8	S	S	S	S	S	S	S	S	S
7/0	S	S	S	S	S	S	S	S	S
8/0	S	S	S	S	S	S	S	S	S

Drywall Frames · Pair Openings

Two jambs and a double header

FRAME SIZE	STEELCRAFT	CECO	CURRIES	MESKER	PIONEER
5/0 x 6/8	S	S	S	-	-
5/0 x 7/0	S	S	S	-	-
5/0 x 8/0	S	-	-	-	-
6/0 x 6/8	S	S	S	-	-
6/0 x 7/0	S	S	S	-	-
6/0 x 8/0	S	-	-	-	-
8/0 x 6/8	S	S	S	-	-
8/0 x 7/0	S	S	S	-	-
8/0 x 8/0	S	-	-	-	-

Pair Openings · Additional Jamb Depths

FRAME SIZE	5-5/8"	8-1/4"	Adjustable
6/0 x 6/8	-	S	S
6/0 x 7/0	-	S	S
6/0 x 8/0	-	S	S

Double Egress Frames

16 GA masonry; leaves swing in opposite directions.

FRAME	5-3/4"	7-1/4"	7-3/4"	8-3/4"
6/0 x 7/0 · Steelcraft	**S**	**S**	-	**S**

Full Frames & Special Frames

Complete frames supplied as one unit

Cased opening frame · 3/0 x 7/0 · 5-3/4" · 16 GA	**S**		Pioneer KD drywall pair frame · 6/0 x 7/0 · 7-3/8" throat · RH active	**S**
Pioneer KD masonry frame · 3/0 x 7/0 · 161 · punch & dimple · 6-1/8" throat · LH and RH	**S**		Ceco strike jamb · panic prep · 7/0 · 5-3/4" · LH and RH	**S**
Pioneer KD masonry pair frame · 6/0 x 7/0 · punch & dimple · 6-1/8" throat	**S**		Steelcraft strike jamb · blank edge · 7/0 and 8/0 · LH and RH	**S**
Pioneer KD masonry pair frame · 7/0 x 7/0 · punch & dimple · 6-1/8" throat	**S**		Steelcraft hinge & strike jambs · compression anchor · 7/0 · 7-1/4" · LH and RH	**S**

DOOR PARTS, ASTRAGALS & STICK MATERIAL

These items carry no hinge location and are shared across all manufacturer templates.

Edge Filler Plates

86 mortise edge converted to 161 cylindrical prep	**S**		86 mortise edge converted to rim panic device prep	**S**
86 mortise edge converted to strike prep	**S**			

Astragals

84" flat astragal for pairs of doors	**S**		16 GA Type Z astragal · 7/0 · flush bolt & ASA strike prep · LH and RH	**S**
16 GA Type Z astragal · 6/8 · flush bolt & ASA strike prep · LH and RH	**S**		16 GA Type Z astragal · 8/0 · flush bolt & ASA strike prep · LH and RH	**S**

Stick Material

16 GA loose lengths for field-fabricated openings

Blank jamb · 10/6 length · 5-3/4" and 7-3/4" throat	**S**		Hinge mullion · 10/6 and 6/8 lengths · LH and RH	**S**
Blank mullion · 10/6 length · 5-3/4" throat	**S**		Strike mullion · 10/6 length · RH	**S**
Hinge jamb · 10/6 length · LH and RH	**S**		Sill · 5-3/4" throat · 4" and 8" face	**S**
Strike jamb · 10/6 length · LH and RH	**S**		Touch-up primer · gray water-based, matches factory prime coat	**S**

Doors · Special Configurations

Not shown in the door matrix

3/0 x 6/8 · continuous hinge prep · rim panic reinforced	**S**		3/0 x 6/8 · double bore · Curries	**S**
3/0 x 7/0 · continuous hinge prep · rim panic reinforced	**S**		3/0 x 7/0 · double bore · Steelcraft	**S**
3/0 x 7/0 · continuous hinge prep · 86 mortise edge · undersized 35-1/2" width	**S**		3/0 x 6/8 · inactive leaf · flush bolt & Z astragal prep · LH and RH · Steelcraft	**S**
3/0 x 7/0 · 86 mortise edge · undersized 35-1/2" x 83-1/4" · Steelcraft	**S**		3/0 x 7/0 · inactive leaf · flush bolt & Z astragal prep · LH and RH · Steelcraft	**S**
3/0 x 6/8 · 161 prep · undersized 35-1/2" x 79-1/4" · Curries	**S**		3/0 x 8/0 · vision lite · 161 prep · Mesker	**S**
3/0 x 7/0 · 161 prep · undersized 35-1/2" x 83-1/4" · Curries	**S**		3/0 x 8/0 · special prep · Mesker	**S**

Undersized doors measure 35-1/2" x 83-1/4" at 3/0 x 7/0 and 35-1/2" x 79-1/4" at 3/0 x 6/8, sized for continuous hinge applications.

Stock position is subject to prior sale and changes daily. Sizes, gauges, cores, hinge locations and preps not shown are available as special order from our factory. Contact your Imperial representative for quantities, lead times and pricing.