

COMMERCIAL STEEL DOORS & FRAMES



STEEL DOOR & FRAME SYSTEMS, INC.



DKS STEEL DOOR & FRAME SYSTEMS, INC.

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DKS PENNSYLVANIA WAREHOUSE

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Introduction

DKS Steel Door and Frame Systems, Inc. constantly strive to meet the demands of the steel door and frame industry by providing premium products to the customer.

Superior quality, a strong service commitment, and value are DKS watch words. Standard features built into each door and frame reflect constant attention to detail and performance. DKS steel doors standard features include:

- 16, 18, 20 gauge flush and 6 panel doors
- Seamless door edge
- Reversible
- 3 hour WHI fire, positive pressure, and (S) smoke label
- Cold rolled or A40 galvanized steel
- Prime painted with baked on two stage epoxy resin
- 7 gauge universal hinge reinforcements
- 12 gauge closer reinforcement
- 16 gauge flush sealed top channel / inverted bottom channel
- Closed hinge cavity
- High density full body polystyrene or honeycomb core
- Blank edge door includes rim exit device reinforcement
- Individual protective packaging

DKS's commitment is to provide superior quality and service, at competitive pricing to our customers.

The DKS vision of premium features and value to the customer is here.

Hollow Metal Doors

Precision seamless construction is exclusive to DKS, producing doors that meet or exceed all industry standards. Our line of doors features cold-rolled steel, primed for interior applications and galvanized A40 steel with insulating cores for exterior applications.

All standard doors bear the WHI 3 hour listing mark, including **Positive Pressure** and (S) smoke labels, combined.

Decorator doors are available in six-panel and two-panel, with insulating polystyrene cores.

Welded or Knock Down Steel Frames

DKS manufactures steel frames in standard sizes. These frames have the toughest tolerances in the industry. DKS steel frames are available in 16 and 18 gauge for 1¾" doors. All standard frames are manufactured from cold-rolled or galvanized A40 steel.

DKS fire labeled steel frames carry the 3 hour Warnock Hersey label for masonry and 90 minutes for drywall frames.

The New Expandable Width Masonry and Drywall Frames for odd-fit wall widths and retrofit situations.

DKS Steel Door & Frame Systems, Inc.

DKS Nomenclature

Door Series

1000	= 18 Ga. Polystyrene
1100	= 18 Ga. Honeycomb
1112	= 18 Ga. 1 3/8" Honeycomb Rolled Seam
1113	= 18 Ga. 1 3/8" Honeycomb Seamless
1200	= 20 Ga. Polystyrene
1300	= 18 Ga. Steel Stiffened
1400	= 16 Ga. Steel Stiffened
MD1400	= Max-Duty Doors & Frames
1500	= Polystyrene replacement
1600	= 16 Ga. Polystyrene
1700	= 18 Ga. & 20 Ga. Polystyrene 6 Panel
32-1700	= 18 Ga. Polystyrene 6 Panel
1800	= 18 Ga. Polystyrene
1900	= 18 Ga. Polystyrene 2 Panel
2000	= 18 Ga. Honeycomb / pair active / inactive
6000	= 18 Ga. Double Egress
9000	= 18 Ga. 250° Temperature rise

**Polyurethane core available upon request. Consult factory.*

Steel

20	= Cold Rolled
20G	= A40 Galvanized
18	= Cold Rolled
18G	= A40 Galvanized
16	= Cold Rolled
16G	= A40 Galvanized

Door Style

F	= Flush
F2P	= Flush 2 Panel
F6P	= Flush 6 Panel

Prep

C	= Fed.161 Cylindrical
MB	= Fed.86 Mortise Edge (Blank panel both sides)
T	= Security lever
B	= Blank edge no reinforcement
BR	= Blank edge with reinforcement

Hinge Preparation

4 1/2" x 4 1/2"

Strike Preparation

MS	= 4 7/8" Universal
CS	= 2 3/4" Cylindrical
B	= Blank
BR	= Blank with rim exit device reinforcement

Closer Reinforcement

CRS	= Closer reinforcement standard
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Frame Series

3000	=16 Ga. Double Egress
4000	=16 Ga. Masonry Frames
EXP4000	=16 Ga. Expandable Masonry Frames
4500	=16 Ga. Pair Frame
4100	=14 Ga. Masonry Frames
5000	=16 Ga. Drywall Frames
EXP5000	=16 Ga. Expandable Drywall Frames
7000	=16 Ga. Blank Masonry Sticks
7500	=16 Ga. Fabrication Components
7800	=16 Ga. Fabrication Components
8000	=16 Ga. Blank Drywall Sticks

Steel

18	= Cold Rolled
18G	= A40 Galvanized
16	= Cold Rolled
16G	= A40 Galvanized

Components

H	= Head
HJ	= Hinge Jamb
SJ	= Strike Jamb
BJ	= Blank Jamb
BSJ	= Blank Strike Jamb
BHJ	= Blank Hinge Jamb

Strike

4.875	= ASA (Universal)
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Closer

CR	= Standard Arm
PR	= Parallel Arm

Handing

RH	= Right Hand
LH	= Left Hand

Anchors

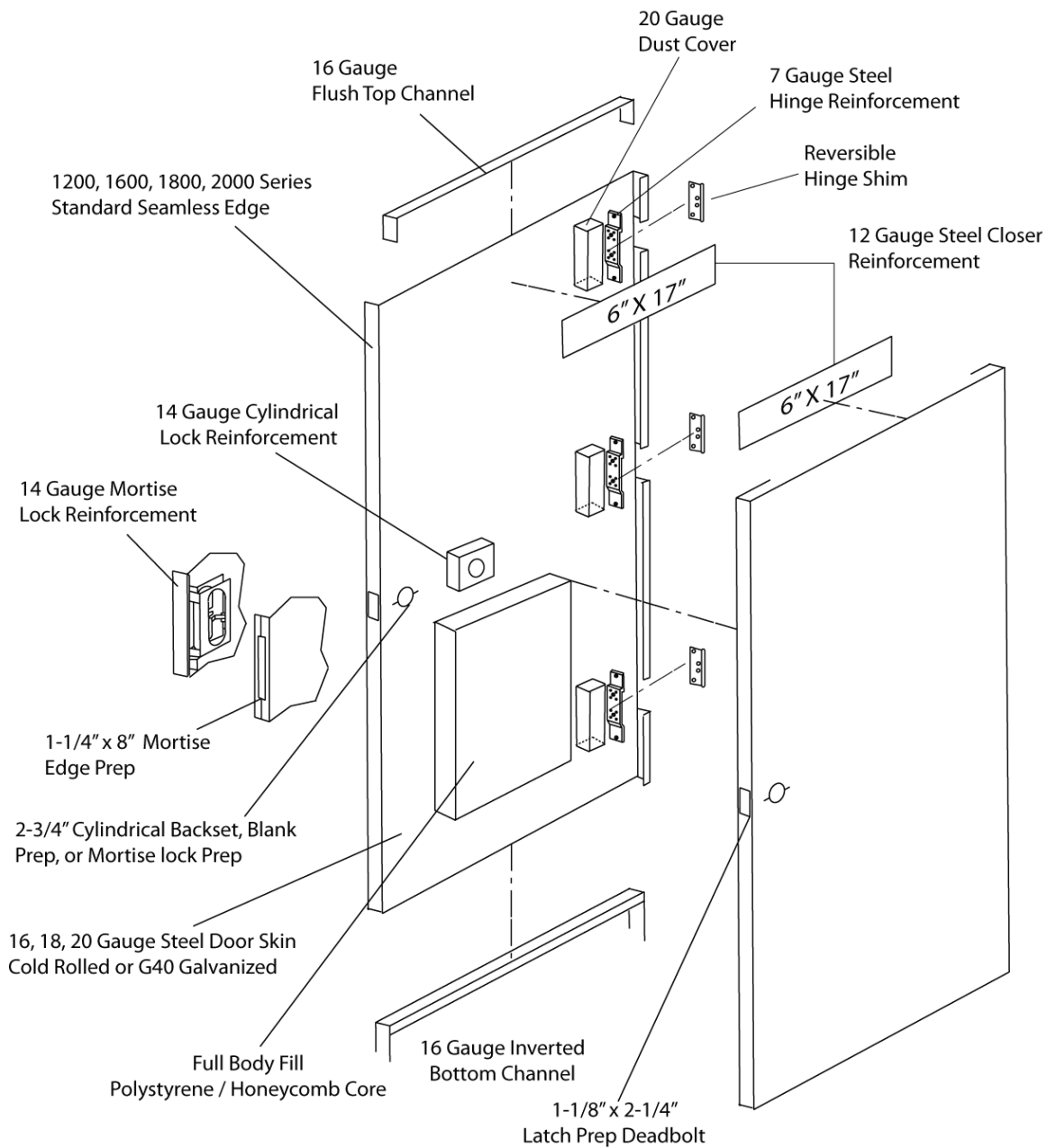
WS	= Wood Stud
SS	= Steel Stud
MA	= Masonry Wire

*** Special Note:**

All measurements are in feet and inches

DKS Commercial Door Construction

1200, 1600, 1800 and 2000 Series



DKS 1700/32-1700 Series 6-Panel Door / 1900 Series 2-Panel Door

1700 Series 6-Panel Door

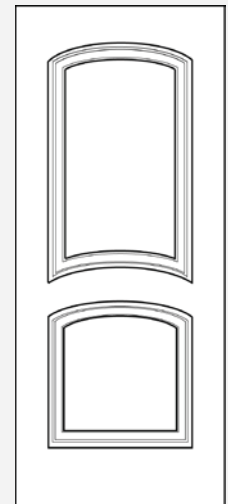
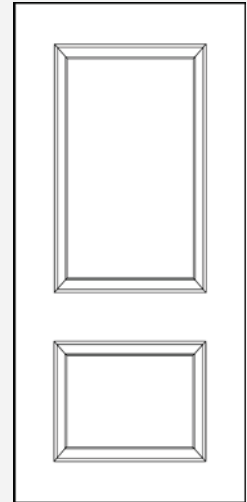
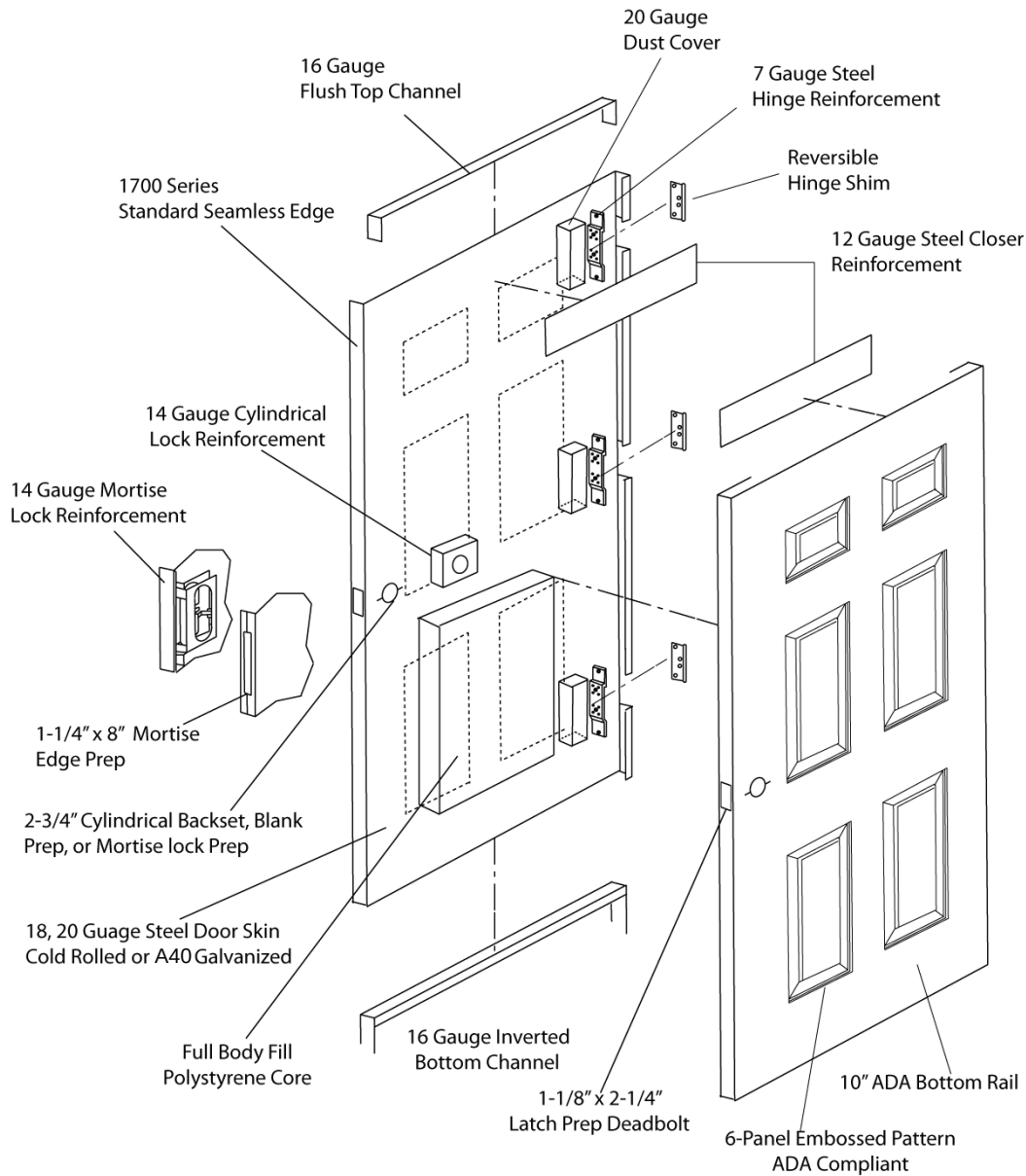
Sound Rated
18 Ga, STC 28
20 Ga, STC 27

32-1700 Series 6-Panel Door

Sound Rated
18 Ga, STC 32

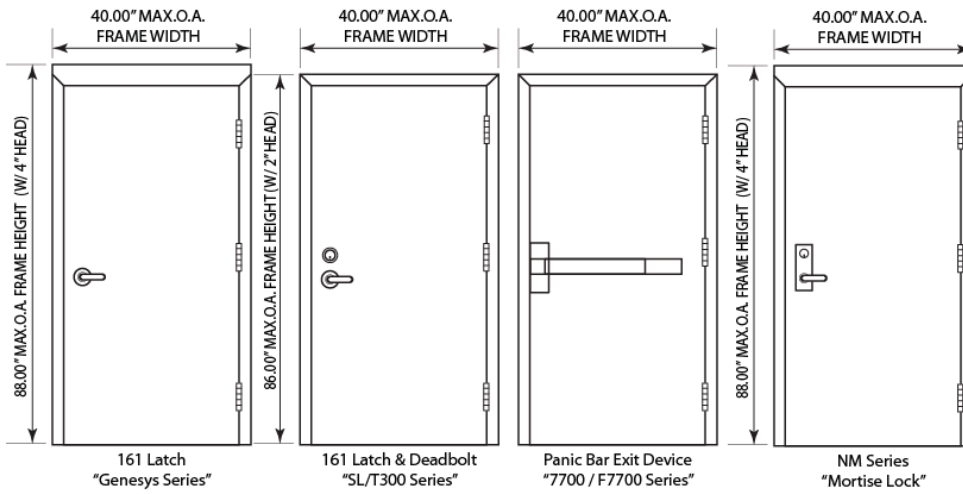
1900 Series 2-Panel Door

Sound Rated, 18 Ga, STC 28



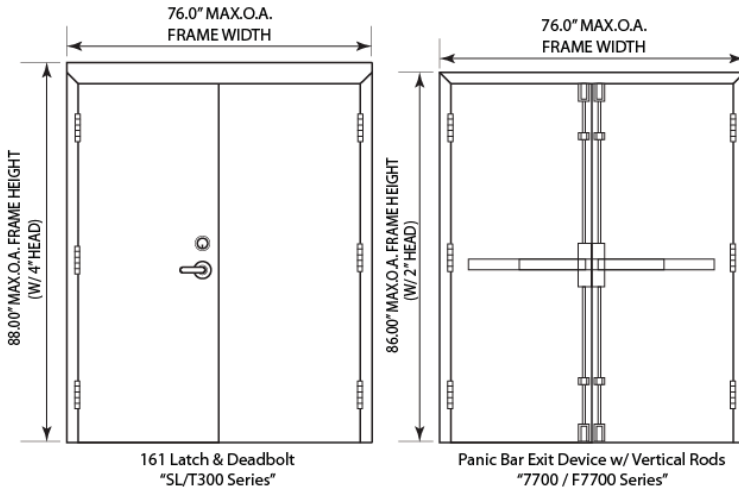


COMMERCIAL STEEL SINGLE DOOR INSWING / OUTSWING "IMPACT" COMPONENT TESTED



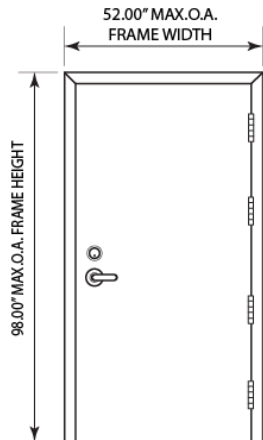
MAX FRAME DIMENSIONS	LOCK TYPE (CAL-ROYAL)	DESIGN PRESSURE (PSF)			
		INSWING		OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
40.00" x 88.00"	161 LATCH & DEADBLOT "SL/T300 Series"	+55.0	-55.0	+55.0	-55.0
40.00" x 88.00"	161 LATCH "Genesys Series"	+70.0	-70.0	+70.0	-70.0
40.00" x 88.00"	PANIC BAR EXIT DEVICE "7700 / F7700 Series"	N/A	N/A	+70.0	-70.0
40.00" x 88.00"	NM Series "Mortise Lock"	+80.0	-80.0	+80.0	-80.0

COMMERCIAL STEEL DOUBLE DOOR INSWING / OUTSWING "IMPACT"



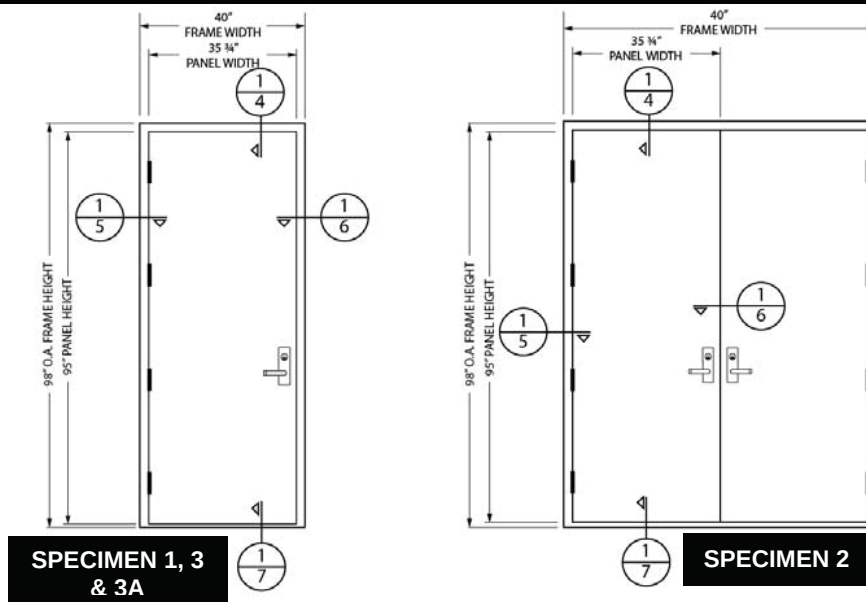
MAX FRAME DIMENSIONS	LOCK TYPE (CAL-ROYAL)	DESIGN PRESSURE (PSF)			
		INSWING		OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
76.00" x 88.00"	161 LATCH & DEADBLOT "SL/T300 Series"	+55.0	-55.0	+55.0	-55.0
76.00" x 88.00"	PANIC BAR EXIT DEVICE w/ VERTICAL RODS "7700 / F7700 Series"	N/A	N/A	+70.0	-70.0

COMMERCIAL STEEL DOOR OUTSWING "IMPACT"



OVERALL FRAME DIMENSIONS	LOCKTYPE (CAL-ROYAL)	DESIGN PRESSURE (OUTSWING ONLY)	
		POSITIVE	NEGATIVE
52.00" x 98.00"	161 LATCH (SL/T300 Series)	+80.0	-80.0

DKS WS1400 Series Wind Storm/Shelter Door



OVERALL SIZE:

- SPECIMEN 1 – O.A. Width 40.0" x O.A. Height 98.0" (Inswing)
 Securitech 5000 Series Multi-point mortise Lock
- SPECIMEN 2 – O.A. Width 76.0" x O.A. Height 98.0" (Outswing)
 Securitech 7000 Series Mortise Exit Device with
 Concealed Vertical Rod
 Securitech 8000 Series Autobolt Exit Device with
 Surface Mounted Vertical Rods
- SPECIMEN 3 – O.A. Width 40.0" x O.A. Height 98.0" (Inswing)
 Securitech 4300 Series Multi-point Dead Lock
- SPECIMEN 3A – O.A. Width 40.0" x O.A. Height 98.0" (Outswing)
 Securitech 4300 Series Multi-point Dead Lock

STRUCTURAL TESTS – ICC 500-2008 Sec. 806.3.1

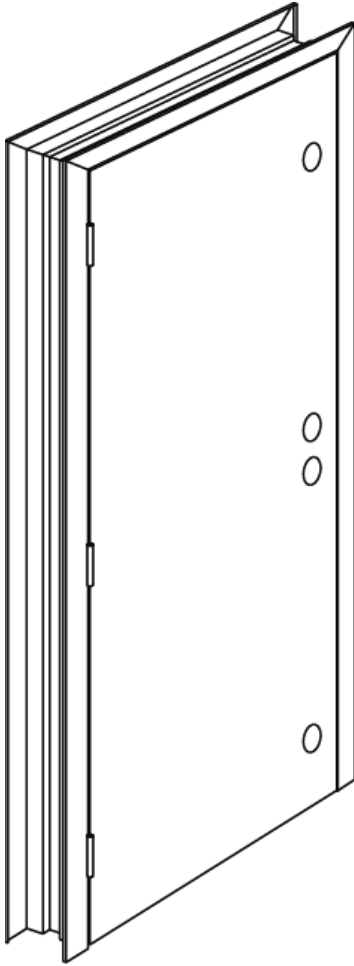
Referenced Standard – ASTM E330-02

SPECIMEN	RANGE	TIME	LOAD	LOCATION	DEFLECTION	SET
1	Alternate Static Load (See Note #1)	10	300.00	1	0.051"	0.018"
				2	0.289"	0.073"
2	Alternate Static Load (See Note #2)	10	300.00	1	0.442"	0.025"
				2	0.410"	0.030"
				3	0.133"	0.022"
3	Alternate Static Load (See Note #3)	10	300.00	1	0.082"	0.027"
				2	0.272"	0.065"
NOTE #1: Set and Deflection measurements taken at the following locations: 1.) Center point between mortise lock body and top bolt 2.) Hollow Metal Frame at point of engagement at Mortise Lock.		NOTE #2: Set and Deflection measurements taken at the following locations: 1.) Center point of left door panel lock side. 2.) Center point of right door panel lock side. 3.) Hollow Metal Frame at center point hinge jamb.		NOTE #3: Set and Deflection measurements taken at the following locations: 1.) Center point between Dead lock body and top bolt 2.) Hollow Metal Frame at point of engagement at Dead Lock.		

IMPACT TESTS – ICC 500-2008 Sec. 305.1

Referenced Standard – ASTM E1886-05/E1996-09

SPECIMEN	Cond. Temp of Specimen (for 2 hours prior to testing)	Missile Weight & Grade	Missile Length	Muzzle Distance From Specimen		
1, 2, 3 & 3A	72.3°F	15lbs, 2 oz, 2 x 4 #2 SPF	13' 3"	19' 10"		
SPECIMEN	Impact Location	Results	X-Measurement	Y-Measurement	Speed	Permanent Deformation
1	1	Pass	33.00"	54.00"	100.0 mph	0.768"
	2	Pass	12.50"	53.50"	100.2 mph	0.619"
	3	Pass	8.50"	10.50"	100.1 mph	0.592"
2	1	Pass	30.00"	54.25"	100.1 mph	0.615"
	2	Pass	46.00"	50.00"	100.2 mph	0.606"
	3	Pass	8.00"	53.50"	100.1 mph	0.912"
	4	Pass	69.00"	54.50"	100.3 mph	0.936"
	5	Pass	47.00"	10.25"	100.1 mph	0.510"
	6	Pass	33.25"	10.75"	100.4 mph	0.532"
3	1	Pass	31.00"	54.50"	100.0 mph	0.479"
	2	Pass	13.00"	52.50"	100.2 mph	0.430"
	3	Pass	9.00"	10.00"	100.2 mph	0.413"
3A	1	Pass	29.00"	54.50"	100.0 mph	0.481"
	2	Pass	8.00"	60.00"	100.2 mph	0.559"
	3	Pass	33.00"	10.50"	100.1 mph	0.650"
Orientation of Missile at Impact was with +/-5° of horizontal. None of the impacts penetrated the specimens. "X" measurement is from the left edge of test specimen. "Y" measurement is from the bottom edge of test specimen.						



MAX-DUTY DOORS & FRAMES

- 14 Gauge Door
- 12 Gauge Frame
- 161 Prep and 3 Deadbolt Preps
- Polystyrene Core
- 2 ¾" Backset
- ⅜" Undercut
- 4 ½" x 4 ½" Heavy Duty Hinge Prep
- DKS Steel Door & Frame Locations

MAX DUTY DOORS

PART NUMBER	SIZE	PREP
MD2868	2868	C
MD3068	3068	C

MAX DUTY FRAMES

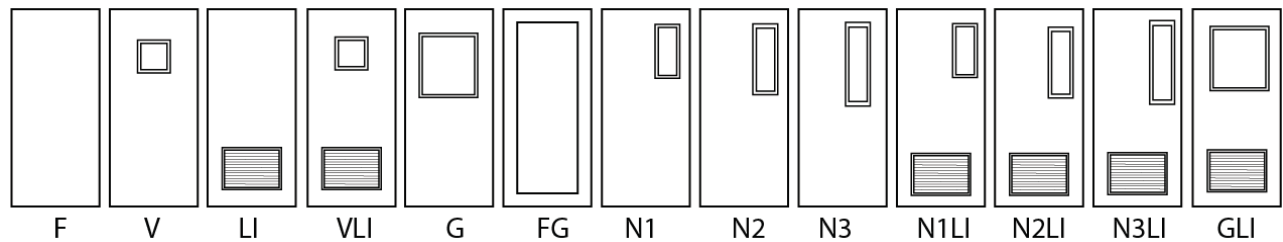
HAND	PART NUMBER	SIZE	DESCRIPTION
RH	MD4086	2868	5 ¾" 12 Gauge Frame with 3DL & ASA
LH	MD4087	2868	5 ¾" 12 Gauge Frame with 3DL & ASA
RH	MD4011	2868	8 ¾" 12 Gauge Frame with 3DL & ASA
LH	MD4012	2868	8 ¾" 12 Gauge Frame with 3DL & ASA
RH	MD4100	3068	5 ¾" 12 Gauge Frame with 3DL & ASA
LH	MD4101	3068	5 ¾" 12 Gauge Frame with 3DL & ASA
RH	MD4800	3068	8 ¾" 12 Gauge Frame with 3DL & ASA
LH	MD4801	3068	8 ¾" 12 Gauge Frame with 3DL & ASA

DKS Door Specifications

Series	Type	Gauge	Core	CR/GALV	Edge	Handing	Thickness	Label	Max Size
1000	Flush	16, 18, 20	Polystyrene	CR/GALV	Corner Seam	Reversible	1 3/4"	3hr/PP/S	8'0" x 8'0"
1100	Flush	16, 18, 20	Polystyrene or Honeycomb	CR/GALV	Lock Seam	Reversible or Handed	1 3/4"	3hr/PP/S	8'0" x 8'0"
1200	Flush	20	Polystyrene	CR/GALV	Seamless	Reversible	1 3/4"	3hr/PP/S	8'0" x 8'0"
1300	Stiffened	18	Mineral Wool Fill	GALV	Seamless	Handed	1 3/4"	3hr/PP/S	8'0" x 8'0"
1400	Stiffened	16	Mineral Wool Fill	GALV	Seamless	Handed	1 3/4"	3hr/PP/S	8'0" x 8'0"
MD1400	Max Duty	14	Polystyrene	GALV	Seamless	Reversible	1 3/4"	90 mins	4'0" x 8'0"
WS1400	Wind Storm	14	SS	GALV	Seamless	Reversible	1 3/4"	90 mins	6'0" x 8'0"
1500	Retrofit Replacement	18	Polystyrene	CR	Corner Seam	Reversible	1 3/4"	N/A	
1600	Flush	16	Polystyrene	GALV	Seamless	Reversible	1 3/4"	3hr/PP/S	8'0" x 8'0"
1700	6-Panel	18, 20	Polystyrene	CR/GALV	Seamless	Reversible	1 3/4"	3hr/PP/S	8'0" x 8'0"
1800	Flush	18	Polystyrene	CR/GALV	Seamless	Reversible	1 3/4"	3hr/PP/S	8'0" x 8'0"
1900	2-Panel	18	Polystyrene	CR/GALV	Seamless	Reversible	1 3/4"	3hr/PP/S	6'0" x 7'0"
2000	Flush	18	Honeycomb	CR/GALV	Seamless	Reversible	1 3/4"	3hr/PP/S	8'0" x 8'0"
6000	Flush	18	Double Egress Honeycomb	CR/GALV	Seamless	Reversible	1 3/4"	3hr/PP/S	8'0" x 8'0"
9000	Temp. Rise 250 Degrees	18	Mineral core	CR/GALV	Seamless	Reversible	1 3/4"	90 mins	8'0" x 8'0"

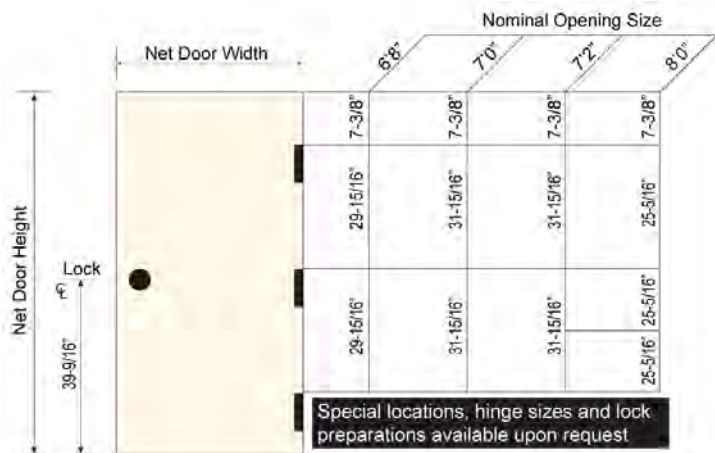
CR: Cold Rolled, PP: Positive Pressure, GALV: Galvanized, S: Smoke

Standard Door Types

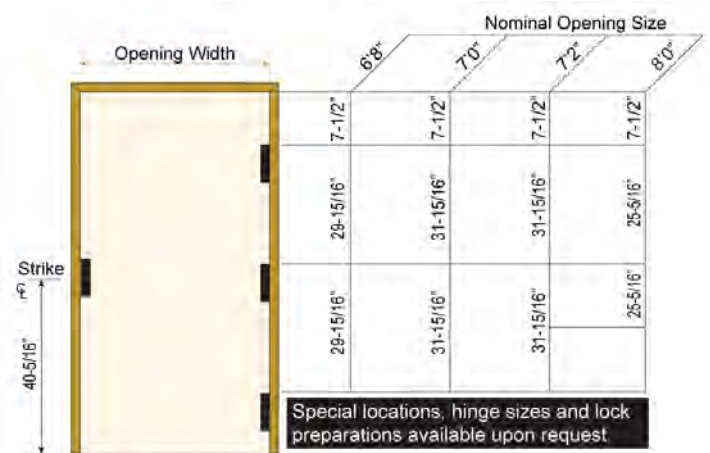


DOORS

Standard Hardware Locations 4-1/2" Hinge



FRAMES

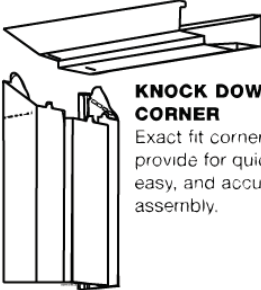


Welded or Knock Down Steel Frames

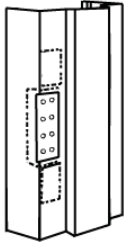
DKS Manufactures Steel Frames in standard sizes. These frames have the tightest tolerances in the industry. DKS steel frames are available in 16 gauge for 1-3/4" doors.

All standard frames are manufactured from cold rolled or galvanized A-40 steel.

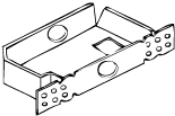
DKS Fire labeled steel frames are approved by Warnock-Hersey (WH).



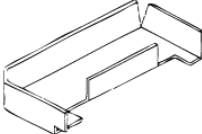
KNOCK DOWN CORNER
Exact fit corners provide for quick, easy, and accurate assembly.



HINGE REINFORCEMENT
7 gauge standard/heavy duty hinge reinforcement.



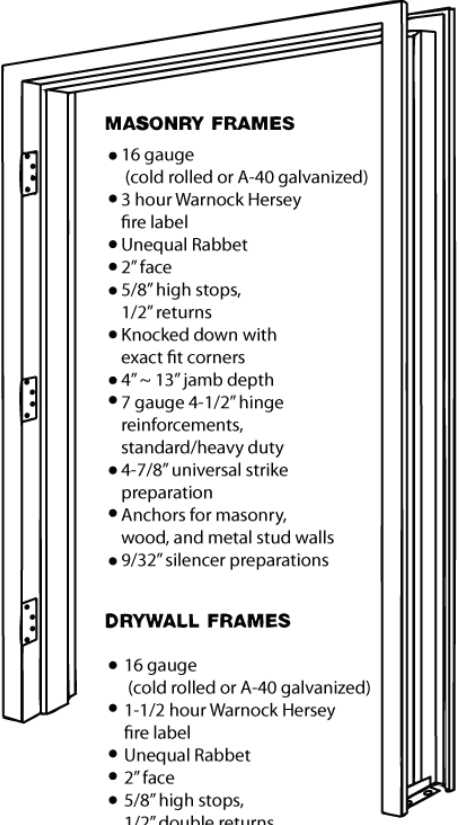
WOOD STUD ANCHOR



STEEL STUD ANCHOR



WIRE MASONRY



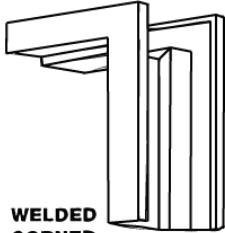
MASONRY FRAMES

- 16 gauge (cold rolled or A-40 galvanized)
- 3 hour Warnock Hersey fire label
- Unequal Rabbet
- 2" face
- 5/8" high stops, 1/2" returns
- Knocked down with exact fit corners
- 4" ~ 13" jamb depth
- 7 gauge 4-1/2" hinge reinforcements, standard/heavy duty
- 4-7/8" universal strike preparation
- Anchors for masonry, wood, and metal stud walls
- 9/32" silencer preparations

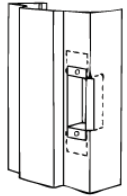
DRYWALL FRAMES

- 16 gauge (cold rolled or A-40 galvanized)
- 1-1/2 hour Warnock Hersey fire label
- Unequal Rabbet
- 2" face
- 5/8" high stops, 1/2" double returns
- Knocked down with exact fit corners
- 5-7/8", 6-1/4", 6-3/4", 7-1/4", 7-3/4", 8-1/4", 8-3/4" jamb depth
- Screw adjusting compressor anchors
- 7 gauge 4-1/2" hinge reinforcements, standard/heavy duty
- 4-7/8" universal strike preparation
- 9/32" silencer preparations

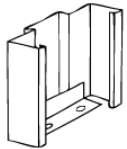
Also available in 18 gauge (Cold rolled and A-40 galvanized)



WELDED CORNER
Welded corners are tight fitting to provide a smooth seamless appearance.



STRIKE REINFORCEMENT
14 gauge strike reinforcements and mortar boxes are designed for accurate and universal function.



FLOOR ANCHOR
18 gauge floor anchors standard in all masonry frames.





Steel Door & Frame Systems, Inc.

EXPANDABLE MASONRY AND DRYWALL FRAMES

The DKS "EXP" adjustable frame is a three piece system designed to adjust to multiple depth wall conditions. Slide rails placed inside the frame throat allow the frame to accommodate all jamb depths from 5 $\frac{5}{8}$ " to 8 $\frac{3}{4}$ " using a single frame.

The frame material used in manufacturing is A-40 galvanized 16 gauge. Prime Painted with two part epoxy baked on at the factory.

Three 7 gauge 4.5 x 4.5 hinge reinforcements for 6'8" and 7'0" heights. Four 7 gauge hinge reinforcements for 8'0" height frames. All locations are DKS Standard. All hinge reinforcements are prepared to accept standard weight or heavy weight template hinges. The ASA strike reinforcement is 12 gauge material drilled and tapped to accept 12-24 screws.

The frame is prepared for silencer application.

The frame carries the 90 minute WHI mark as standard.

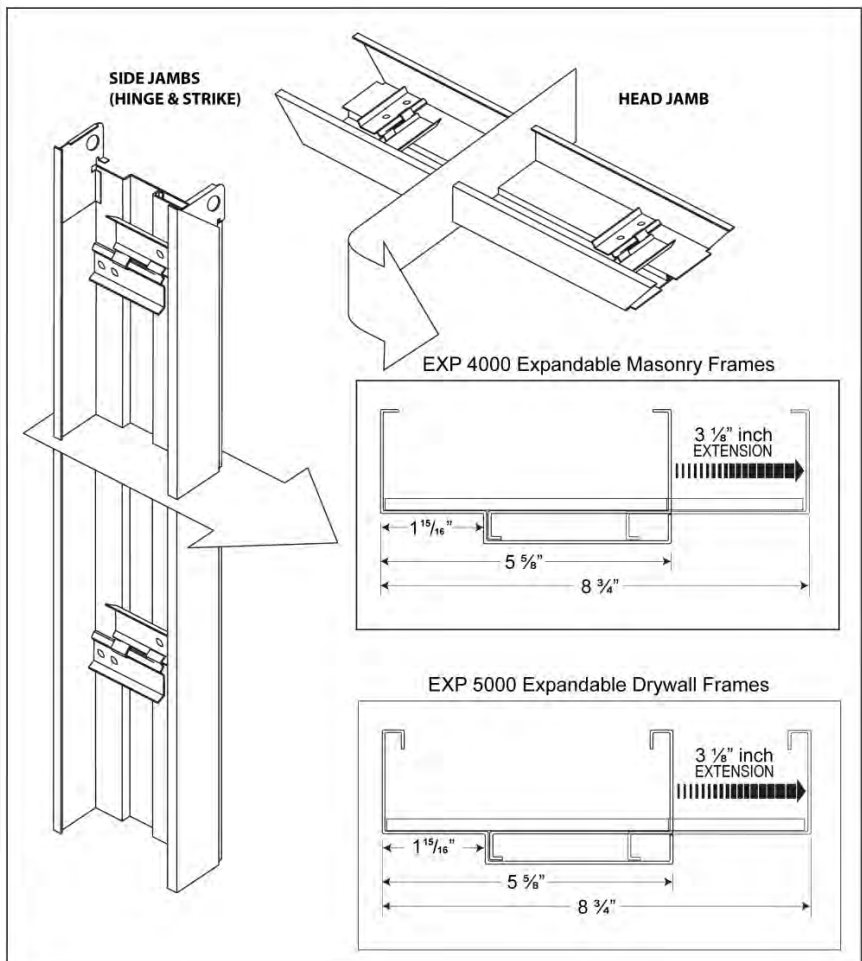
The EXP Frame is available in both DKS 4000 Series Masonry and 5000 Series Drywall configurations.



SLIDE RAILS



HINGE REINFORCEMENTS



DKS Steel Door & Frame Systems, Inc.

2142 Tubeway Avenue
Commerce, CA 90040

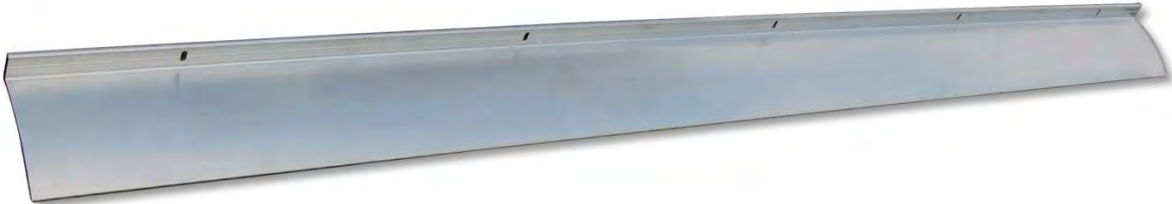
Tel: (323) 888-7763
Fax: (323) 888-0063
Website: www.dksdoors.com
Email: sales@dksdoors.com





Steel Door & Frame Systems, Inc.

DOOR & FRAME ACCESSORIES

MULTI-PURPOSE ADJUSTABLE ANCHOR (MPAA-10)	HEAVY DUTY ADJUSTABLE DRYWALL ANCHOR (HDADWA)
	
DOOR SILENCER (DSM21)	REVERSIBLE FLUSH BOLT STRIKE W/ BACKING PLATE (FLUSHSTRK-2)
	
DEAD LOCK REINFORCEMENT PLATE (DBCONV-2)	CLOSER REINFORCEMENT (CRO1)
	
DOOR FRAME DRIP CAP (CR44640)	
	

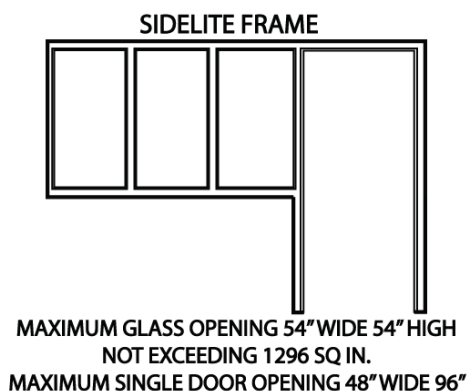
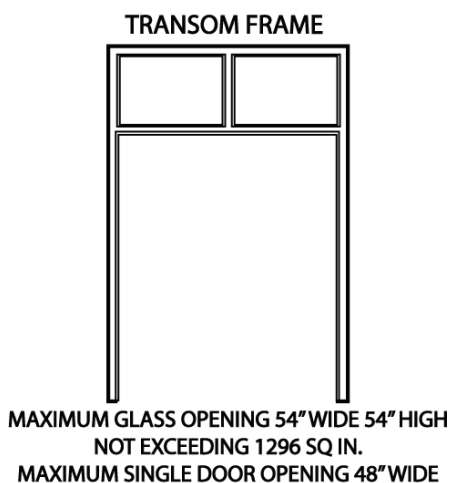
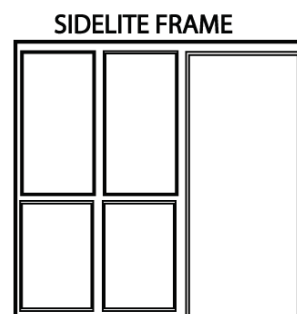
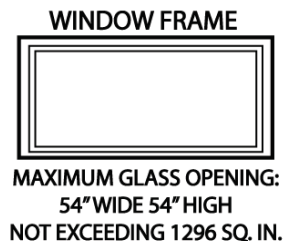
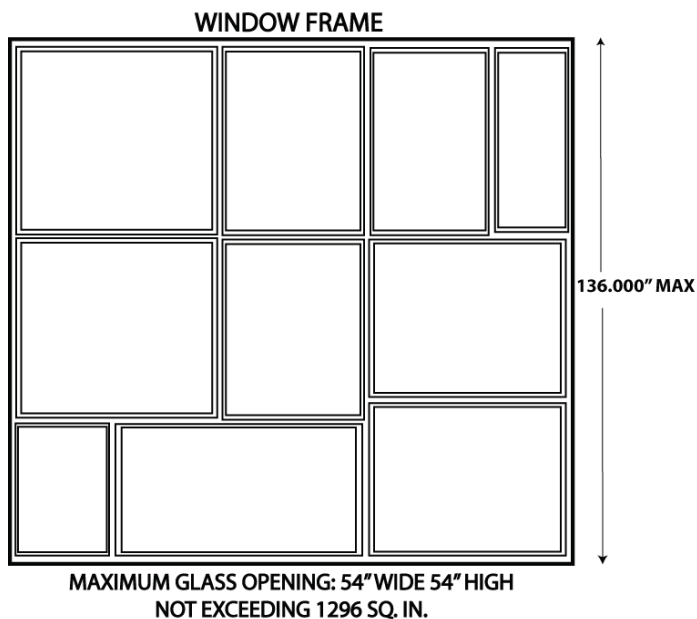
CHECK OUR NEW CATALOGUE FOR A COMPLETE LISTING OF DOOR AND FRAME ACCESSORY ITEMS

7500 Series Architectural Stick Components

Sidelite, Transom, and Window Frames

Fabrication Components

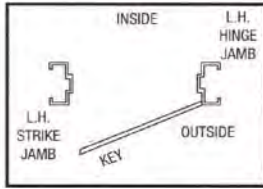
TYPE
Hinge Jamb 10'0" 6'8" & 7'0" locations
Strike Jamb 10'0" 6'8" & 7'0" locations
Hinge Mullion 10'0" 6'8" & 7'0" locations
Strike Mullion 10'0" 6'8" & 7'0" locations
Blank Mullion 10'0"
Blank Stick Material 10'0"



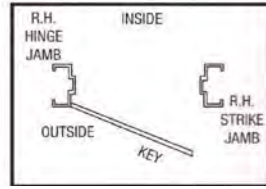
Door and Frame Handing Chart

SINGLE SWING DOORS

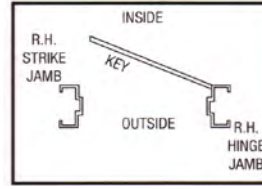
When door swings towards you and hinges are on right side of the door – **Door is R.H.R. / Frame is L.H.**
 When door swings inside and hinges are on right side of the door – **Door is R.H. / Frame is R.H.**



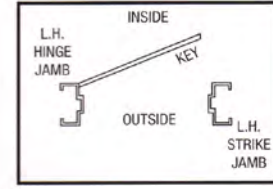
Right Hand Reverse Door
(Swing Out) Left Hand
Frame



Left Hand Reverse Door
(Swing Out) Right Hand
Frame



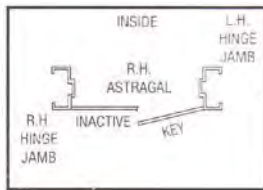
Right Hand Door (Swing
In) Right Hand Frame



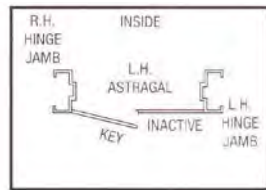
Left Hand Door (Swing
In) Left Hand Frame

DOUBLE DOORS

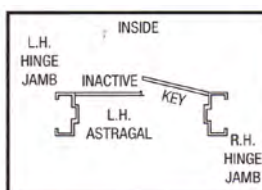
When door leaf swing towards you and hinges are on the right side of active leaf – **Door is R.H.R Active / Frame is L.H. Active**
 When door leaf swing inside and hinges are on the right side of active leaf – **Door is R.H. Active / Frames is R.H. Active**



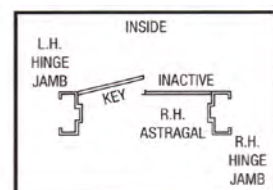
OUTSIDE
Pair of Doors – R.H.R. Active
(Swing Out)
Double Door Frame L.H. Active



OUTSIDE
Pair of Doors – L.H.R. Active
(Swing Out)
Double Door Frame R.H. Active



OUTSIDE
Pair of Doors – R.H. Active
(Swing In)
Double Door Frame R.H. Active



OUTSIDE
Pair of Doors – L.H. Active
(Swing In)
Double Door Frame L.H. Active

Warehouse Locations

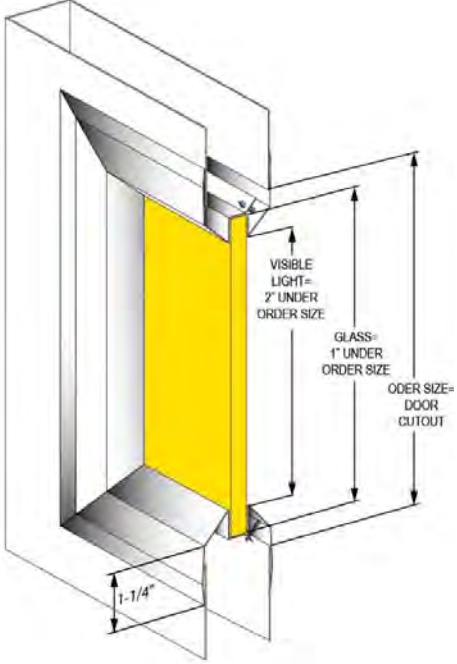
California	Texas		Pennsylvania
DKS Steel Door & Frame Systems Inc. 2142 S. Tubeway Avenue Commerce, CA 90040 Tel: (323) 888-7763 Fax: (323) 888-0063 Email: sales@dksdoors.com Website: www.dksdoors.com	DKS Texas Warehouse SSG Texas 608 E. Avenue K Grand Prairie, TX 75050 Tel: (972) 602-3070 Fax: (972) 602-3068 Email: gregshuck@ssg-texas.com	DKS Texas Warehouse SSG Texas 423 Blueberry Houston, TX 77018 Tel: (972) 602-3070 Fax: (972) 602-3068 Email: gregshuck@ssg-texas.com	DKS Pennsylvania Warehouse Tab Industries, LLC 2525 North 12 th Street Reading, PA 19605 Tel: (610) 921-0012 Fax: (610) 921-0014 Email: tbrizek@tabindustries.com Website: www.tabindustries.com





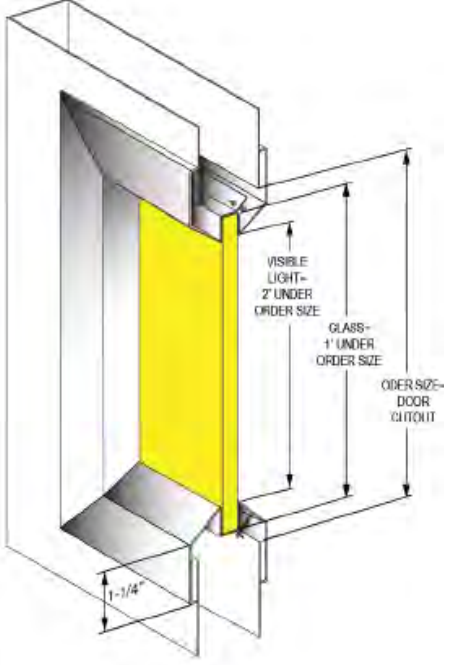
45-180 Minute Fire Rated Steel Vision Kits

SVL , Vision Lite Low Profile

ILLUSTRATION	SPECIFICATIONS	DIMENSIONS
 	For use in Fire Rated door applications under positive and neutral pressure. Intertek testing certification in compliance to NFPA 252 (2000), UL 10C (2009), CAN/ULS104 (2010), NFPA (201) and CSI CODE 0870 00 Specifications: - Low Profile Beveled Vision Lite - 20 Gauge Cold Rolled Steel - Mitered welded corners with counter sunk mounting holes - Single side attaching with matching mounting screws included - For use with 3/16" to 1/4" glass thickness - Designed for use with 1-3/4" doors only - Baked on powder coat finish - Color: Standard Bronze - Fastener: #8 x 7/8" flathead phillips head SMS Options: - Also available as a KIT or bundle which comes with the Frame, Glass and Glazing Kit. - Available glass types are Tempered Glass (1/4"), Superlite I-W Wired Glass (1/4") and Pyran® Platinum F Glass (3/16") Notes: - Order size is equal to opening size - Visible vision opening is 2" under order size - Glass size dimension is 1" under complete order size - Follow all door manufacturer's instructions for use and installation of all products - Refer to pricelist for list of fire rated sizes	 Diagram illustrating the dimensions for the SVL Vision Lite Low Profile frame. The frame is shown in a 3D perspective view. The dimensions are labeled as follows: VISIBLE LIGHT = 2" UNDER ORDER SIZE: The height of the visible opening. GLASS = 1" UNDER ORDER SIZE: The height of the glass panel. ORDER SIZE = DOOR CUTOUT: The total height of the door cutout. 1-1/4": The width of the frame.

VL , Vision Lite Standard Profile for 3/16" to 1/4" Thick Glass Frames

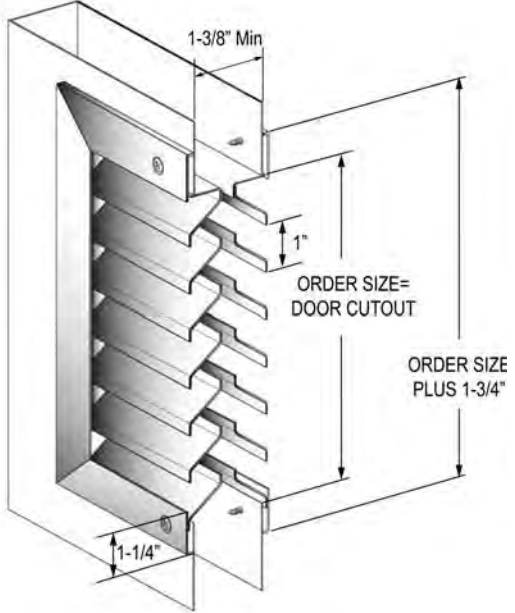
10VL , Vision Lite Standard Profile for 1" Thick Glass Frames

ILLUSTRATION	SPECIFICATIONS	DIMENSIONS
 	For use in Fire Rated door applications under positive and neutral pressure. Intertek testing certification in compliance to NFPA 252 (2000), UL 10C (2009), CAN/ULS104 (2010), NFPA (201) and CSI CODE 0870 00 Specifications: - Standard Profile Beveled Vision Lite - 20 Gauge Cold Rolled Steel - Mitered welded corners with counter sunk mounting holes - Single side attaching with matching mounting screws included - For use with 3/16" to 1/4" glass thickness - Also available for 1" glass thickness (10VL Series) - Designed for use with 1-3/4" doors only - Baked on powder coat finish - Color: Standard Bronze - Fastener: #8 x 7/8" flathead phillips head SMS Options: - Also available as a KIT or bundle which comes with the Frame, Glass and Glazing Kit. - Available glass types are Tempered Glass (1/4"), Superlite I-W Wired Glass (1/4") and Pyran® Platinum F Glass (3/16") Notes: - Order size is equal to opening size - Visible vision opening is 2" under order size - Glass size dimension is 1" under complete order size - Follow all door manufacturer's instructions for use and installation of all products - Refer to pricelist for list of fire rated sizes	 Diagram illustrating the dimensions for the VL Vision Lite Standard Profile frame. The frame is shown in a 3D perspective view. The dimensions are labeled as follows: VISIBLE LIGHT = 2" UNDER ORDER SIZE: The height of the visible opening. GLASS = 1" UNDER ORDER SIZE: The height of the glass panel. ORDER SIZE = DOOR CUTOUT: The total height of the door cutout. 1-3/4": The width of the frame.

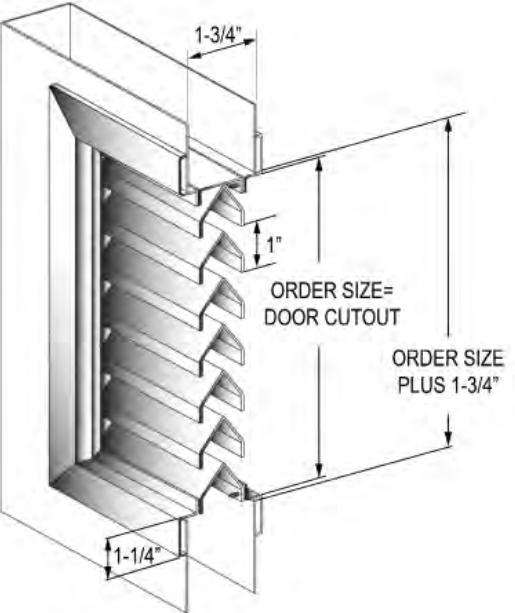


90 Minute Fire Rated Steel Louvers

YLV , Divided Reverse "Y" Blade, Inverted Louvers

ILLUSTRATION	SPECIFICATIONS	DIMENSIONS
 	For use in Fire Rated door applications under positive and neutral pressure Intertek testing certification in compliance to NFPA 252 (2000), UL 10C (2009), NFPA 252 (2012), CSI CODE 08 90 00 Louvers and Vents Specifications: - 18 Gauge cold rolled steel frame and blades - Mitered welded corner frame construction - Divided row "Y" blades spaced at 1" increments with blocked vision design - Counter sunk mounting holes with screws for each side of doors - Minimum door size thickness 1-3/8" - Baked on powder coat finish - Color: Standard Bronze - Fasteners: Phillips pan head screw #8 x 3/4" Notes: - Order size equal to opening size - Follow all door manufacturer's instructions for use and installation of all louver products - Refer to pricelist for list of fire rated sizes	

VLV , Inverted Y-Blade Louvers

ILLUSTRATION	SPECIFICATIONS	DIMENSIONS
 	For use in Fire Rated door applications under positive and neutral pressure Intertek testing certification in compliance to NFPA 252 (2000), UL 10C (2009), NFPA 252 (2012), CSI CODE 08 90 00 Louvers and Vents Specifications: - 18 Gauge cold rolled steel frame and blades - Mitered welded corner frame construction - Reverse "Y" blades are frame supported at 1" increments, with blocked vision design - Single side mounting for non corridor exposure with fastening screws included - Designed for use on 1-3/4" doors only - Baked on powder coat finish - Color: Standard Bronze - Fasteners: Phillips pan head screw #8 x 3/4" Notes: - Order size equal to opening size - Follow all door manufacturer's instructions for use and installation of all louver products - Refer to pricelist for list of fire rated sizes	

TERMS and CONDITIONS

1. All published prices of DKS materials are shown as list price subject to discount for DKS approved vendors. All taxes by any governmental agency are in addition to the sale price of the material and are the responsibility of the approved purchasing vendor. All prices are subject to change without notice. Prices given are F.O.B. DKS warehouse at Commerce, California, and does not include freight or special handling services.
2. All orders are subject to availability and may be cancelled by the ordering party within 36 working hours following notification of receipt. All orders are considered individual transactions and must be accompanied by a valid purchase order issued by the customer. A minimum \$75.00 charge will be applied for any changes made to an existing order.
3. Loss or damage of material conveyed to the customer by use of public cartage or carrier is the responsibility of the consignee (customer). Materials must be inspected by the consignee upon delivery and any damage found MUST BE NOTED on the Bill of Lading/Proof of Delivery RECEIPT. Filing or notification of freight claims against public conveyance is the obligation of the customer.
4. Return of Merchandise: Claims for shortages and/or incorrectly filled orders must be filed with DKS Steel Door & Frame Systems, Inc. within 10 days of receipt of material. Price adjustments must also be made in writing to DKS within 30 days from receipt of invoice. No returned goods will be accepted without written approval from DKS. Credit will be based upon written authorization by DKS. Such returns must be prominently marked with the return goods authorization number and shipped prepaid. Returns, if approved, are subject to a minimum restocking charge of 20% for unopened stock product and must be received in new material condition. Non stock materials and special orders are not returnable. Under no circumstances will DKS accept liability for incidental or consequential damages. Charge-backs will not be allowed. No cash refund given, exchange or replacement only.
5. Credit terms for all materials invoiced to the customer are 1% discount – 15 days, net 30 days, without hold back or retainage.
6. DKS Material Warranty: DKS doors and frames shall be warranted by manufacturer for a period of one year for all cold rolled prime painted products. Galvanized prime painted products shall be warranted for a period of 10 years. For either product, the warranty begins from date of first delivery from the manufacturer. The warranty is based upon the product being used with the application of hardware for which it was designed and that standard industry recommendations for installation, maintenance, and use are followed; including but not limited to, painting, adjustment, and normal use. This warranty is limited to the replacement or repair at the option of the manufacturer.
7. AUTHORITY OF TERMS AND CONDITIONS: The terms mentioned herein are the only terms DKS will honor, and any exceptions must be approved and confirmed by an officer of DKS Steel Door & Frame Systems, Inc. Terms and Conditions of buyer's purchase orders will not be honored unless an agreement is reached in writing beforehand. DKS has the right to refuse credit to anyone, or has the right to refuse to fulfill any orders. No representations, arrangements or agreements not appearing on the order shall be binding upon DKS.



U.S. GREEN BUILDING COUNCIL LEED RATING STATEMENT

In accordance with our current records of LEED rating systems for applicability to architectural hollow metal doors and frames, we hereby certify the following:

Applicable LEED Programs and Credits:

- Recycled Content (Cold Rolled Steel)

DKS DOOR SYSTEMS Cold Rolled Product Lines	Post-Consumer Recycled Content	Post-Consumer Recycled Content	Total LEED Recycled Content Percentage
1000/1100/1200/1300/1400/1500/ 1600/1700/1800/1900/2000/6000/ 9000 DOOR SERIES	36.8%	6.6%	40.1%
3000/4000/4500/5000/7000/ 75000-78000 FRAME SERIES	36.8%	6.6%	40.1%

- Recycled Content (Galvanized Steel)

DKS DOOR SYSTEMS Galvanized Product Lines	Post-Consumer Recycled Content	Post-Consumer Recycled Content	Total LEED Recycled Content Percentage
1000/1100/1200/1300/1400/1500/ 1600/1700/1800/1900/2000/6000/ 9000 DOOR SERIES	22.7%	2.4%	23.9%
3000/4000/4500/5000/7000/ 75000-78000 FRAME SERIES	22.7%	2.4%	23.9%

DKS STEEL DOOR & FRAME SYSTEMS, INC.

2142 TUBEWAY AVENUE CITY OF COMMERCE, CA 90040

TEL: (323) 888-7763 ♦ FAX: (323) 888-0063

CREDIT APPLICATION

DATE: _____

Company Name

BILLING ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

Shipping Address

CITY: _____ STATE: _____ ZIP: _____

PHONE: _____ FAX: _____

Type of Business: _____ Years at present location: _____

Type of Organization

- ☐ Private Corporation ☐ Partnership ☐ Public corporation
☐ Individual ☐ Other _____

Principals

Email address _____

NAME	POSITION	HOME ADDRESS	PHONE#

Bank Reference

Bank: _____ Account # _____

Address: _____ Phone # _____

Trade References

(Minimum of 3 With fax #)

NAME	ADDRESS	PHONE#	FAX#

Credit Limit Requested

NEED MONTHLY STATEMENT: ☐ YES ☐ NO

In making this application for credit, the customer agrees to pay all invoices within 30 days from date of invoice and to pay a service charge of 1.5% per month, which is an annual percentage rate of 18% on all overdue balances. In the event a suit is necessary to collect any amount, the customer agrees to pay the seller's reasonable attorney fees and costs including attorneys fees for appeal.

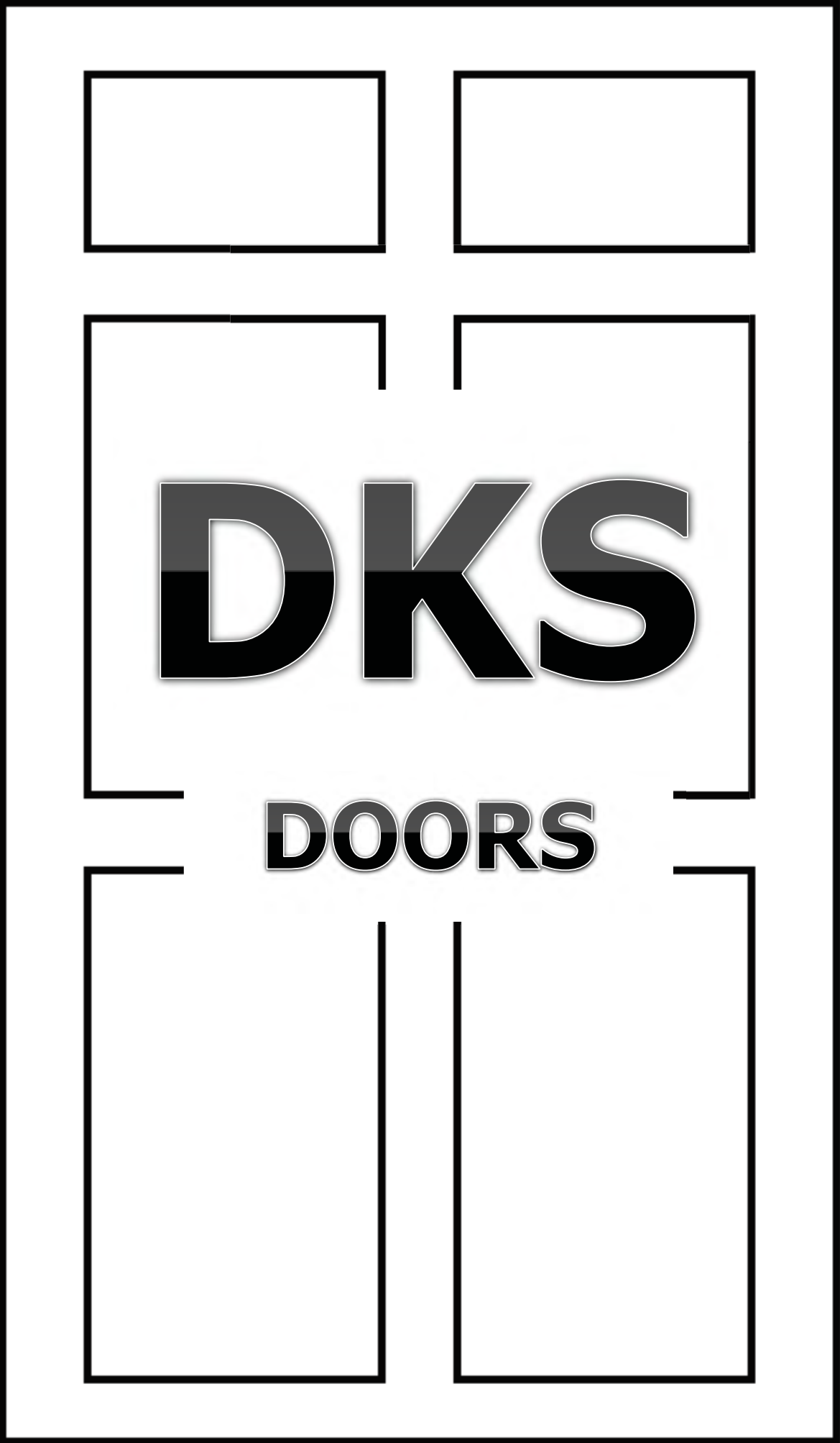
Signature _____

Title: _____ Date: _____

Office use only

Credit limit \$		Account #	
Date approved:		CR#	
Signature:		Discount:	
Reps Signature		Date	

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A stylized black outline of a door frame. It features a large central rectangle with a smaller rectangle inside it. The inner rectangle is divided into four quadrants by a vertical and a horizontal line. The top and bottom quadrants of the inner rectangle are further divided into two smaller rectangles each, creating a total of eight rectangular sections. The text "DKS" is centered in the middle of the door frame.

DKS

DOORS

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1300 Series Steel Stiffened Flush Doors, 18 Gauge, Beveled Seamless	5
1400 Series Steel Stiffened Flush Doors, 16 Gauge, Beveled Seamless	6
MD1400 Max Duty Doors & Frames, 14 Gauge	7
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2000 Series Honeycomb Flush Doors, 18 Gauge, Seamless	17
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18 GAUGE

STOCK REVERSIBLE CORNER SEAM POLYSTYRENE FLUSH DOORS

ACTIVE DOORS

Item#	Size	Label	Prep
1013CS	3068	WHI3	C
1018CS			MB
1024CS			BR
1040CS	3070	WHI3	C
1044CS			MB
1047CS			BR

- Includes closer reinforcement, fire label WHI 3HR positive pressure and (S) smoke label.
- Other locations and sizes are available.
- STC rating 26
 - R value 5.24
 - U value 0.31

INACTIVE DOORS

Hand	Item#	Size	Label	Prep
RH	1018CSIA	3068	WHI3	FB/ASA
LH				
RH	1044CSIA	3070	WHI3	FB/ASA
LH				

- All inactive doors are prepared for, and includes:
 - ASA Strike Prep
 - Manual/Auto Flush Bolts Prep
 - Loose Flat Astragal

18 GAUGE

STOCK REVERSIBLE CORNER SEAM HONEYCOMB FLUSH DOORS

- 18 Gauge Cold Rolled Steel
- Reversible, Non-Handed
- Mechanical Inter-Lock Edge System
- 14 Gauge Closer Reinforcement
- 14 Gauge Lock Reinforcement
- 10 Gauge Hinge Reinforcement
- 18 Gauge Flush Top and Inverted Bottom Cap
- Honeycomb Core
- Grey Powder Coates Prime
- 90 Minute WHI Label



Item#	Size	Label	Prep
1113EC	3068	WHI90	C
1118EC			MB
1124EC			BR
1140EC	3070	WHI90	C
1144EC			MB
1147EC			BR

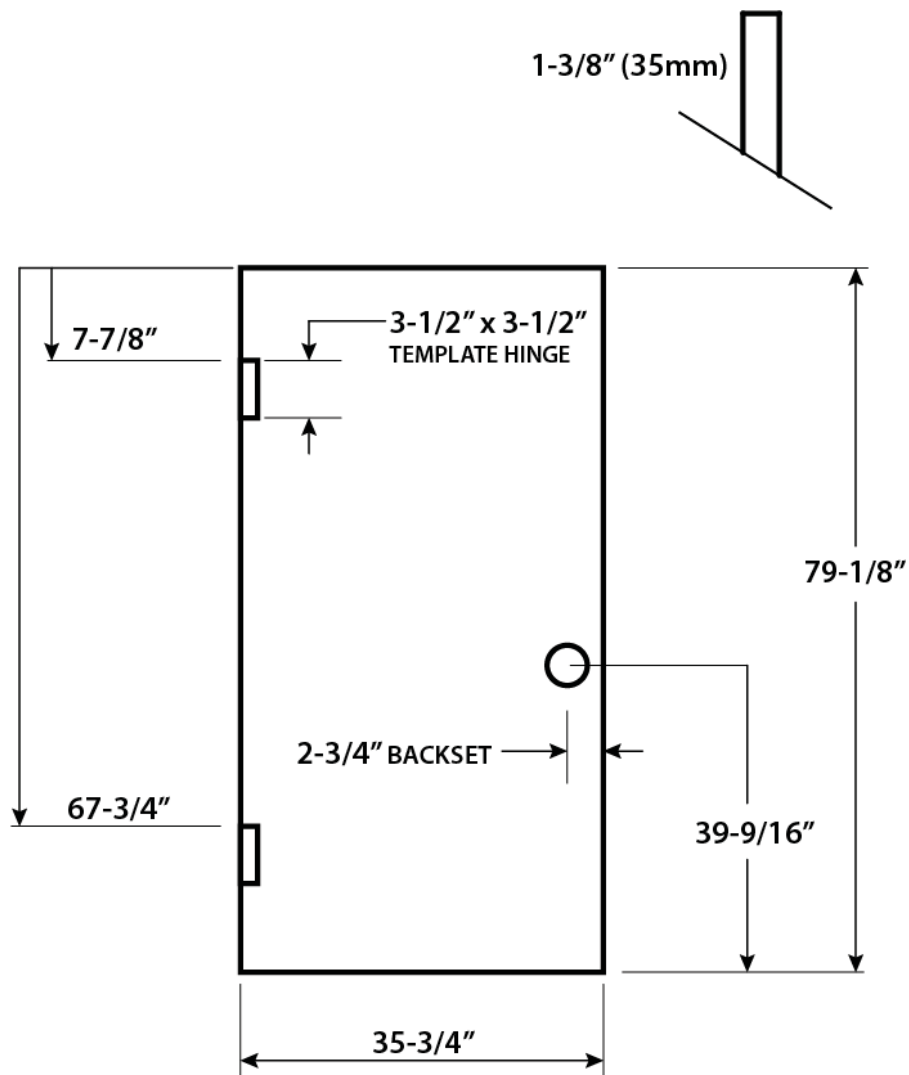
NOTES

18 GAUGE

STOCK **ROLLED SEAM** HONEYCOMB CORE, FLUSH TOP

- 1-3/8" Thick
- Two Hinge 3.5 X 3.5
- C-Prep
- Non-Handed
- Inverted Bottom Non-Fire Rated

HAND	ITEM #	SIZE	PREP
NON HANDED	1112SPL	3068	C



20 GAUGE

STOCK REVERSIBLE SEAMLESS POLYSTYRENE FLUSH DOORS

- Includes closer reinforcement, fire label WHI 3HR positive pressure (S) smoke label.
- Fire rated doors over 3'0" in width and up to 8'0 in height are available upon request.
Other locations and sizes are available. Consult factory.

Item#	Size	Prep
1201	3068	C
1205		MB
1207	3070	C
1209		MB
Galvanized		
1213	3068	C
1218	3070	C

18 GAUGE

STOCK HANDED / BEVELED SEAMLESS GALVANIZED STEEL STIFFENED DOORS

- Includes closer reinforcement, fire label WHI 3HR positive pressure (S) smoke label.
- Other locations and sizes are available. Consult factory.
- Hinge side is square and lock side beveled.

Hand	Item#	Size	Prep
RH	1316	3068	C
LH			
RH	1317	3068	MB
LH			
RH	1318	3068	BR
LH			
RH	1335	3070	C
LH			
RH	1336	3070	MB
LH			
RH	1337	3070	BR
LH			

1400 Series Steel Stiffened Flush Doors

June 2013

16 GAUGE STOCK HANDED / BEVELED SEAMLESS STEEL STIFFENED DOORS A40 GALVANIZED

- ▶ Includes closer reinforcement, fire label WHI 3HR positive pressure (S) smoke label.
- ▶ Other locations and sizes are available. Consult factory.
- ▶ Hinge side is square and lock side beveled.

Hand	Item#	Size	Prep
RH	1435	3070	C
LH			
RH	1436	3070	MB
LH			
RH	1437	3070	BR
LH			

NOTES



14 GAUGE

STOCK REVERSIBLE / POLYSTYRENE DOORS

A40 GALVANIZED

DOORS	FRAMES
◆ 14 Gauge Masonry Door ◆ 161 Prep and 3 Deadbolt Preps ◆ 4 1/2 X 4 1/2 Heavy Duty Hinge Preparation ◆ DKS Steel Door Locations ◆ WHI Fire and smoke label 20 min to 3 hour ◆ 2 3/4" Backset ◆ 3/8" Undercut	◆ 12 Gauge Masonry Frame ◆ ASA Strike Preparation ◆ 4 1/2 X 4 1/2 Heavy Duty Hinge Preparation ◆ DKS Steel Frame Locations ◆ WHI Fire and smoke label 20 min to 3 hour ◆ Other jamb depths available. Consult Factory ◆ Includes anchors. Please specify type WS=wood, SS=Steel Stud, MA=Masonry Wire

MAX DUTY DOORS

ITEM #	SIZE	DESCRIPTION
MD2868	2868	Max-Duty Door
MD3068	3068	Max-Duty Door

MAX DUTY FRAMES

ITEM #	SIZE	HAND	DESCRIPTION
MD4086	2868	RH	5 3/4" 12 Gauge Frame w/ 3DL & ASA
MD4087	2868	LH	5 3/4" 12 Gauge Frame w/ 3DL & ASA
MD4011	2868	RH	8 3/4" 12 Gauge Frame w/ 3DL & ASA
MD4012	2868	LH	8 3/4" 12 Gauge Frame w/ 3DL & ASA

MD4100	3068	RH	5 3/4" 12 Gauge Frame w/ 3DL & ASA
MD4101	3068	LH	5 3/4" 12 Gauge Frame w/ 3DL & ASA
MD4800	3068	RH	8 3/4" 12 Gauge Frame w/ 3DL & ASA
MD4801	3068	LH	8 3/4" 12 Gauge Frame w/ 3DL & ASA

STOCK REVERSIBLE **18 GAUGE** **CORNER SEAM** POLYSTYRENE FLUSH DOORS

- ▶ Includes closer reinforcement.
 - 7 gauge full length hinge reinforcement
 - Reversible hinge shims
- ▶ Other sizes are available. Consult factory.



Item#	Size	Prep
1524	3068	Lock side reinforced
1544	2670	Lock side reinforced
1545	2870	Lock side reinforced
1547	3070	Lock side reinforced
1564	3080	Lock side reinforced
1548	4070	Lock side reinforced

NOTES

16 GAUGE GALVANIZED STOCK REVERSIBLE SEAMLESS POLYSTYRENE / HONEYCOMB FLUSH DOORS

- Includes closer reinforcement, fire label WHI 3HR positive pressure (S) smoke label.
- *Galvanized, Flushed Top Inverted Bottom
- 12 Gauge Closer Reinforcement, 7 Gauge Hinge Reinforcement
- Square Edged, Non-Handed
- Choice of 3 Standard Lock Reinforcements (Cylindrical, FED 86 Edge, Blank PB Reinforced)

UP TO 8'0 TALL DOORS

Item#	Size	Type/ Gauge	Prep
1622	3068	*16G	C
1601			MB
1603			BR
1604	3070	*16G	C
1608			MB
1611			BR
1614	3080	*16G	C
1617			MB
1620			BR
1677	3470	*16G	C
1678			MB
1679			BR
1649	3670	*16G	C
1650			MB
1652			BR
1661	3680	*16G	MB
1656	3870	*16G	C
1657			MB
1658			BR
1654	4070	*16G	C
1655			MB
1659			BR



9'0 TALL DOORS

NON-STOCK, SPECIAL FACTORY ORDER			
Item#	Size	Type/ Gauge	Prep
1680	3090	*16G	C
1681			MB
1682			BR
1683	3490	*16G	C
1684			MB
1685			BR
1686	3690	*16G	C
1687			MB
1688			BR
1689	3890	*16G	C
1690			MB
1691			BR
1692	4090	*16G	C
1693			MB
1694			BR



► 3/8" Bottom Undercut

18 & 20 GAUGE
STOCK REVERSIBLE SEAMLESS POLYSTYRENE
6 PANEL DOORS

- ▶ Includes closer reinforcement, fire label WHI 3HR positive pressure, (S) smoke label.
- ▶ Fire rated doors over 3'0 in width and up to 8'0 in height are available upon request.
- ▶ Other locations and sizes are available. Consult factory.
- ▶ **6 Panel STC rating**
 20 Gauge STC 27
 18 Gauge STC 28
 R value 5.24
 U value 0.31

1700 Series STC-27/28

Item#	Size	Type/ Gauge	Prep
1700	3068	18	C
1701			MB
1702			BR
1703			C/DL 5 ½" C.T.C
1709			C/DL 4" C.T.C
1705	3070	18	C
1706			MB
1707			BR
1708			C/DL 5 ½" C.T.C
1721	3068	20	C
1783	3070		
1763	3080	18	C
1764			MB
1765			BR
GALVANIZED 18Ga.			
1723	3068	18	C
1722	3068		MB
1728	3068		BR
1730	3070	18	C
1731	3070		MB
1732	3070		BR

NON-STOCK

NON-STOCK

NON-STOCK

NON-STOCK

NON-STOCK

32-1700 Series STC-32

NON-STOCK, SPECIAL FACTORY ORDER, ALLOW 10-12 WEEKS			
Item#	Size	Type/ Gauge	Prep
32-1700	3068	18	C
32-1701			MB
32-1702			BR
32-1703			C/DL
32-1705	3070	18	C
32-1706			MB
32-1707			BR
32-1708			C/DL



18 GAUGE

STOCK REVERSIBLE SEAMLESS POLYSTYRENE FLUSH DOORS

Includes closer reinforcement, fire label WHI 3HR positive pressure (S) smoke label.

- Other locations and sizes are available
- Door manufacturers chart:
- STC rating 26, R value 5.24, U value 0.31

CE	Ceco Location (non handed)	DE	Dean Steel Location (non handed)
CU	Curries Location (non handed)	REP	Republic Location (non handed)
ME	Mesker Location, use DE location	PIO	Pioneer Location , available at PA warehouse only (non handed)

Item#	Size	Prep
1801	2068	C
1802		MB
1805		BR
1810	2468	C
1811		MB
1807	2668	C
1808		MB
1809		BR
1825	2868	C
1826		MB
1869	21068	C
1870		MB
1871		BR
1813	3068	C
1815		C/DL 4" C.T.C.
1816		C/DL, ADA 7 ¹¹ / ₁₆ " CTC
1817		C/DL 5 1/2" CTC
1818		MB
1824		BR
1413		T
1819	3468	C
1820		MB
1806		BR
1830	3668	C
1831		MB
1832		BR
1834	3868	C
1837		MB
1842		BR
1872	4068	C
1873		MB
1874		BR
1835	2070	C
1836		MB
1838		BR
1875	2470	C
1876		MB
1891	2670	C
1892		MB
1893		BR
1894	2870	C
1895		MB
1897	21070	C
1898		MB
1899		BR

Item#	Size	Prep
1839	3070	C/DL, ADA 7 ¹¹ / ₁₆ " CTC
1840		C
1841		C/DL, 5½" CTC
1843		C/DL, 4" CTC
1844		MB
1847		BR
1440		T
1821	3470	C
1814		MB
1849	3670	C
1850		MB
1852		BR
1853	3870	C
1856		BR
1851	2080	C
1857		BR
1886	21080	C
1889		BR
1854	4070	C
1855		MB
1859		BR
1848	3072	C
1845		MB
1846		BR
1828	2680	C
1829		MB
1863	3080	C
1862		MB
1864		BR
1860	3680	C
1861		MB
1865	4080	C
1866		MB
1868		BR
GALVANIZED		
1880	3068	C
1881		MB
1882		BR
1884	3070	C
1887		MB
1890		BR
CECO LOCATION DOORS		
CE1813	3068	C
CE1818		MB
CE1840	3070	C
CE1844		MB
CE1847		BR

◆ Continued Next Page ◆

Item#	Size	Prep
GALVANIZED CECO LOCATION DOORS		
CEG1813	3068	C
CEG1818		MB
CEG1824		BR
CEG1840	3070	C
CEG1844		MB
CEG1847		BR
CURRIES LOCATION DOORS		
CU1813	3068	C
CU1818		MB
CU1824		BR
CU1840	3070	C
CU1844		MB
CU1847		BR
CU1854	4070	C
CU1855		MB
GALVANIZED CURRIES LOCATION DOORS		
CUG1840	3070	C
CUG1844		MB
CUG1847		BR

Item#	Size	Prep
DEAN STEEL LOCATION DOORS		
DE1813	3068	C
DE1818		MB
DE1824		BR
DE1840	3070	C
DE1844		MB
DE1847		BR
REPUBLICAN LOCATION DOORS		
**REP1813	3068	C
**REP1818		MB
**REP1824		BR
REP1840	3070	C
REP1844		MB
REP1847		BR
**Use 1813, 1818, 1824 for REP1813, REP1818 and REP1824 respectively.		

1800 Series Seamless Polystyrene Doors with Cutouts

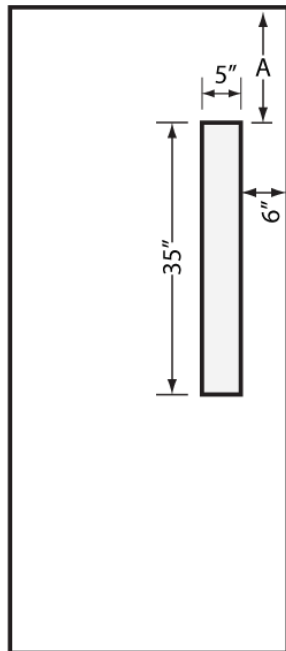
18 GAUGE

STOCK REVERSIBLE SEAMLESS POLYSTYRENE DOORS WITH CUTOUTS

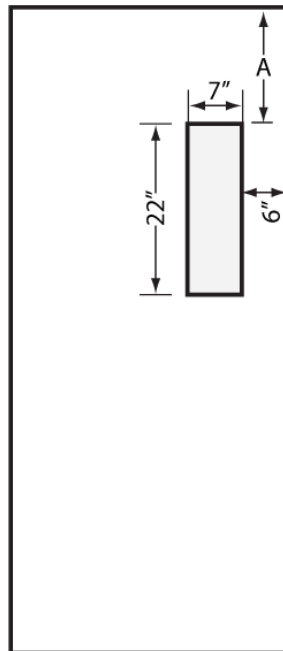
- Includes closer reinforcement, appropriate WHI Fire label, positive pressure (S) smoke label.
- Other locations and sizes are available.
- STC rating 26, R value 5.24, U value 0.31

ITEM#	SIZE	DESCRIPTION	LOCK	CUT OUT SIZE
1813V	3068	Vision Lite	C	12 x 12
1818V			MB	
1840V	3070		C	
1844V			MB	
1813NL	3068	Narrow Lite	C	7 x 22
1813N				5 x 35
1840NL	3070			7 x 22
1840N				5 x 35
1813HG	3068	Half Glass	C	24 x 30
1840HG	3070			24 x 32
1840FG	3070	Full Glass	C	24 x 60
1844FG			MB	
1813L1-1212	3068	Louver	C	12 x 12
1818L1-1212			MB	
1840L1-1212	3070		C	
1844L1-1212			MB	
1813L1-1812	3068		C	18 x 12
1818L1-1812			MB	
1840L1-1812	3070		C	
1844L1-1812			MB	
1813L1-2412	3068		C	24 x 12
1818L1-2412			MB	
1840L1-2412	3070		C	
1844L1-2412			MB	

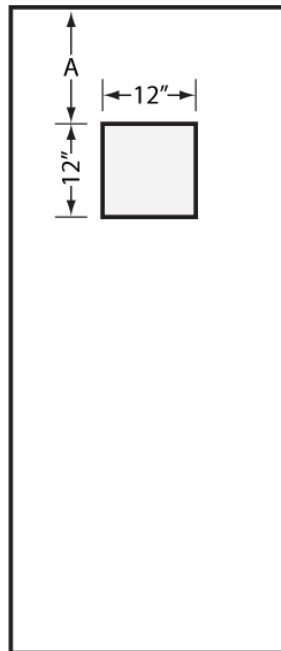
Lite and Louver Cutout Size and Locations



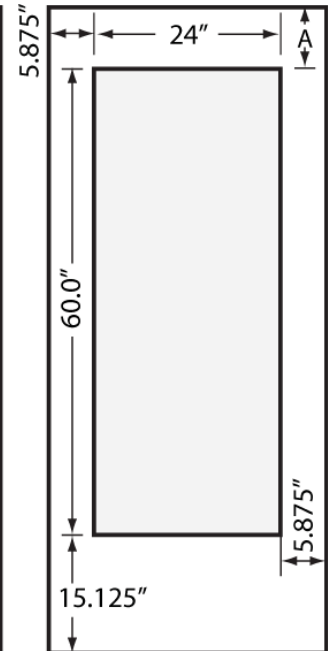
N 5 X 35



NL 7 X 22

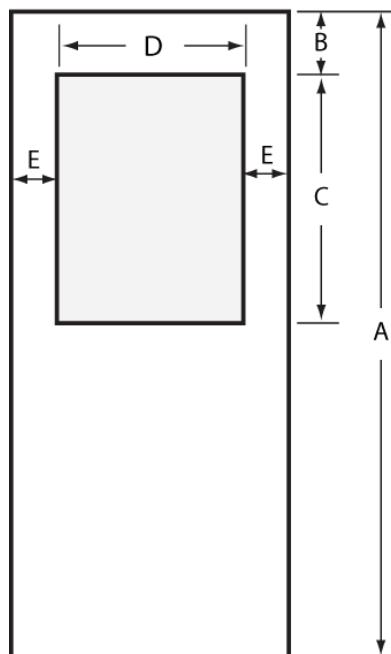


V 12 X 12



FG 24 X 60

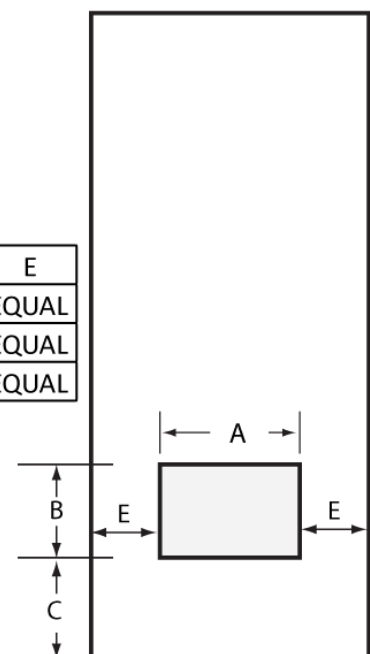
FOR: N, V, NL, FG	
DOOR HEIGHT	A
6' 8"	11"
7' 0"	15"
8' 0"	26"
7' 0" IN FG	8"



HALF GLASS

A	B	C	E
12"	12"	13"	EQUAL
18"	12"	13"	EQUAL
24"	12"	13"	EQUAL

A	B	C	D	E
6'8"	8"	30"	24"	EQUAL
7'0"	8"	32"	24"	EQUAL
8'0"	8"	36"	24"	EQUAL



LOUVER

18 GAUGE

For All Major Manufacturers Locations

- Includes closer reinforcement, fire label WHI 3HR positive pressure (S) smoke label.
- Other locations and sizes are available.
- Door manufacturers chart:

CE	Ceco Location (non handed)
CU	Curries Location (non handed)
REP	Republic Location (non handed)

Inactive Doors

Hand	Item#	Size
RH	1807 IA	2668
LH		
RH	1826 IA	2868
LH		
RH	CE1813 IA	3068
LH		
RH	1813 IA *	
LH		
RH	CU1813 IA	
LH		
RH	CE1840 IA	3070
LH		
RH	CU1840 IA	
LH		
RH	REP1840 IA	
LH		
RH	1840 IA **	
LH		
RH	1863 IA	3080
LH		
RH	1872 IA	4068
LH		

ALL INACTIVE DOORS ARE PREPARED FOR:

- ASA STRIKE PREP
- MANUAL / AUTO FLUSH BOLTS PREP
- LOOSE WRAP AROUND HANDED ASTRAGAL WITH FLUSHBOLT AND ASA PREP

* To be used for Steel Craft, Amweld and Republic locations.

** To be used for Steel Craft, Amweld locations.

1800 and 1600 Series Flush Doors Prepared for Continuous Hinge Application

STOCK REVERSIBLE CORNER SEAM POLYSTYRENE FLUSH DOORS

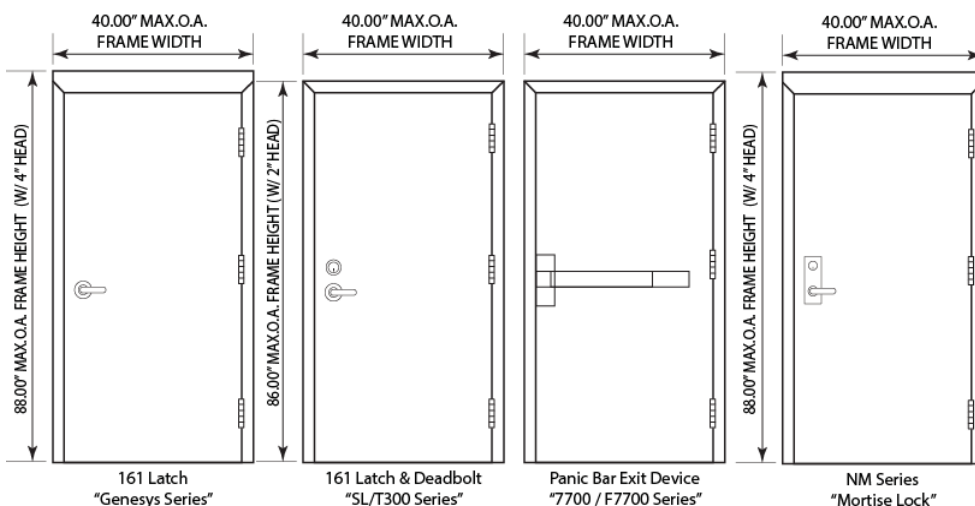
- 15/32" undercut on door width to fit most major manufacturers continuous hinge prep.
- Includes closer reinforcement, fire label and WHI 3 hour positive pressure (S) smoke label.

18 GAUGE		
Item#	Size	Prep
1813CH	3068	C
1818CH		MB
1824CH		BR
1840CH	3070	C
1847CH		BR
1863CH	3080	C
1862CH		MB
1864CH		BR
18 GAUGE GALVANIZED		
G1849CH	3670	C
G1850CH		MB
G1854CH	4070	C
G1855CH		MB

16 GAUGE GALVANIZED		
Item#	Size	Prep
G1608CH	3070	MB
G1611CH		BR
G1649CH	3670	C
G1650CH		MB
G1654CH	4070	C
G1655CH		MB

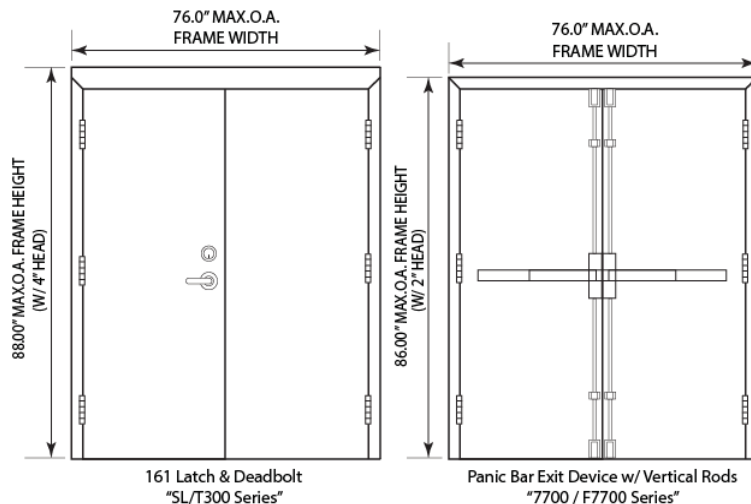


COMMERCIAL STEEL SINGLE DOOR INSWING / OUTSWING "IMPACT"



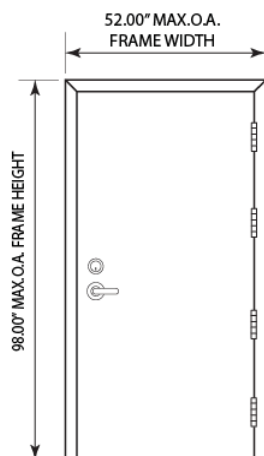
MAX FRAME DIMENSIONS	LOCK TYPE	DESIGN PRESSURE (PSF)			
		INSWING		OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
40.00" x 88.00"	161 LATCH & DEADBLOT "SL/T300 Series"	+55.0	-55.0	+55.0	-55.0
40.00" x 88.00"	161 LATCH "Genesys Series"	+70.0	-70.0	+70.0	-70.0
40.00" x 88.00"	PANIC BAR EXIT DEVICE "7700 / F7700 Series"	N/A	N/A	+70.0	-70.0
40.00" x 88.00"	NM Series "Mortise Lock"	+80.0	-80.0	+80.0	-80.0

COMMERCIAL STEEL DOUBLE DOOR INSWING / OUTSWING "IMPACT"



MAX FRAME DIMENSIONS	LOCK TYPE	DESIGN PRESSURE (PSF)			
		INSWING		OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
76.00" x 88.00"	161 LATCH & DEADBLOT "SL/T300 Series"	+55.0	-55.0	+55.0	-55.0
76.00" x 88.00"	PANIC BAR EXIT DEVICE w/ VERTICAL RODS "7700 / F7700 Series"	N/A	N/A	+70.0	-70.0

COMMERCIAL STEEL DOOR OUTSWING "IMPACT"



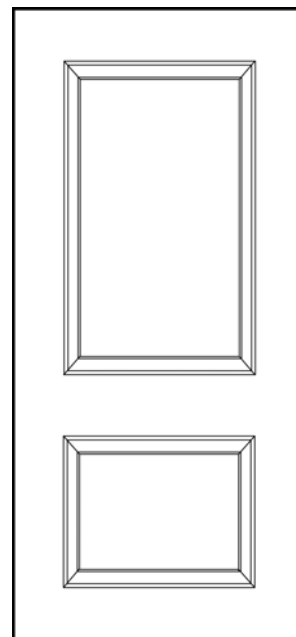
OVERALL FRAME DIMENSIONS	LOCK TYPE	DESIGN PRESSURE (OUTSWING ONLY)	
		POSITIVE	NEGATIVE
52.00" x 98.00"	161 LATCH (CAL-ROYAL)	+80.0	-80.0

18 GAUGE

STOCK REVERSIBLE SEAMLESS POLYSTYRENE 2 PANEL DOORS

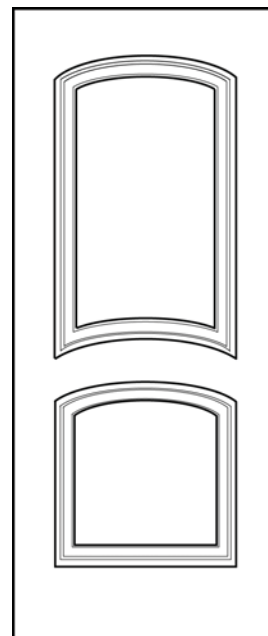
- Includes closer reinforcement, fire label WHI 3HR positive pressure, (S) smoke label.
- 2 Panel STC Rating
 - 18 Gauge STC 28
 - R value 5.24
 - U value 0.31

Item#	Size	Type/ Gauge	Prep
STOCK			
1900	3068	18	C
1901			MB
NON-STOCK			
1902	3068	18	BR
1903			C/DL 5 ½" C.T.C
STOCK			
1905	3070	18	C
1906			MB
NON-STOCK			
1907	3070	18	BR
1908			C/DL 5 ½" C.T.C



NON-STOCK

Item#	Size	Type/ Gauge	Prep
1910	3068	18	C
1911			MB
1912			BR
1913			C/DL 5 ½" C.T.C
1914	3070	18	C
1915			MB
1916			BR
1917			C/DL 5 ½" C.T.C



18 GAUGE
STOCK REVERSIBLE SEAMLESS HONEYCOMB FLUSH DOORS
INCLUDING PAIRED OPENINGS

- Includes closer reinforcement, fire label WHI 3HR positive pressure, **(S)** smoke label.
- Other locations and sizes are available. Consult factory.
- All inactive doors are prepared for, and includes:
 - ASA Strike Prep
 - Manual / Auto Flush Bolts Prep
 - Loose Flat Astragal

Active / Single Doors

Item#	Size	Prep
2013	3068	C
2018		MB
2024		BR
2035	2070	C
2091	2670	C
2040	3070	C
2044		MB
2047		BR
2048	3470	C
2014		MB
2049	3670	C
2050		MB
2052		BR
2051	3870	C
2063	3080	C
2062		MB
2064		BR
2054	4070	C
2055		MB
2059		BR
2065	4080	C
2066		MB
2068		BR

Inactive Doors

Hand	Item#	Size	Prep
RH	2001 IA	2070	FB/ASA
LH			
RH	2002 IA	2068	FB/ASA
LH			
RH	2003 IA	2670	FB/ASA
LH			
RH	2006 IA	3068	FB/ASA
LH			
RH	2007 IA	3070	FB/ASA
LH			
RH	2012 IA	3470	FB/ASA
LH			
RH	2008 IA	3670	FB/ASA
LH			
RH	2009 IA	3080	FB/ASA
LH			
RH	2016 IA	3680	FB/ASA
LH			
RH	2010 IA	4070	FB/ASA
LH			
RH	2011 IA	4080	FB/ASA
LH			

18 GAUGE
STOCK REVERSIBLE SEAMLESS HONEYCOMB
DOUBLE EGRESS FLUSH DOORS

► Includes:

- Closer reinforcement
- Blank surface V/R reinforcement
- WHI 3 hour listing

► Other sizes are available. Consult factory.



Item#	Size	Prep
6013	3068	BR SVR
6040	3070	BR SVR
6060	3080	BR SVR

NOTES

16 and 18 GAUGE STOCK 250° TEMPERATURE RISE FLUSH DOORS

- ▶ Includes closer reinforcement, 90 min. WHI. **250°** temperature rise fire label
- ▶ Other locations and sizes are available. Consult factory.
- ▶ MIN = Mineral Core



NON-STOCK

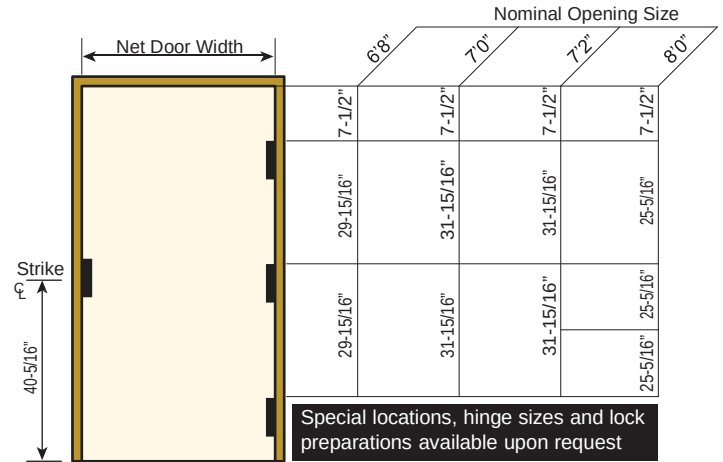
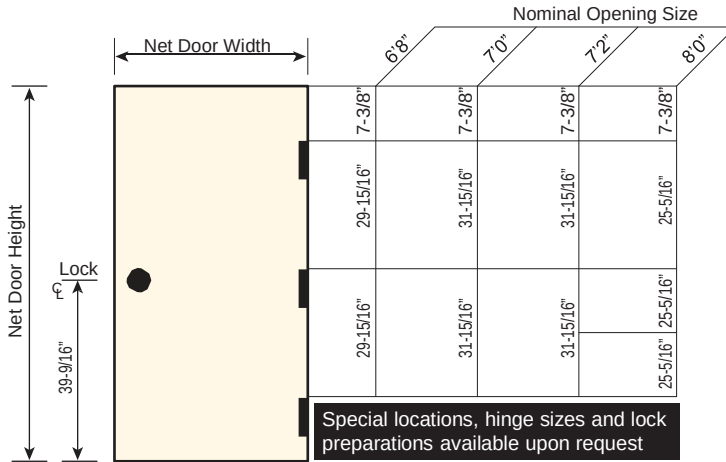
	Item#	Size	Gauge	Prep	Core
	9000	3068	18	C	MIN
▶	9002	3068		MB	
▶	9003	3068		BR	
	9030	3070		C	
▶	9033	3070		BR	
	9041	3080		C	
▶	9043	3080		BR	
—	9050	3068	*16	C	MIN
	9055	3070		C	
	9065	3080		C	

NOTE: *16Gauge Factory Order Only

NOTES

DOOR AND FRAME LOCATIONS

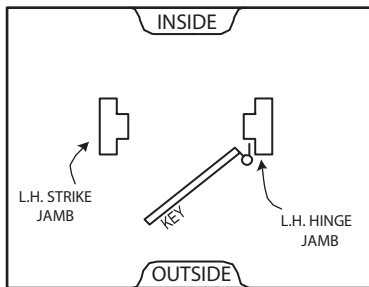
Standard Hardware Locations 4-1/2" Hinge



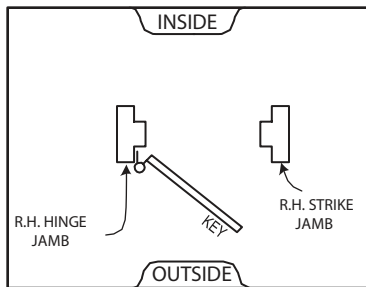
SINGLE SWING DOORS

When door swings towards you and hinges are on the right side of the door - Door is R.H.R. / Frame is L.H.

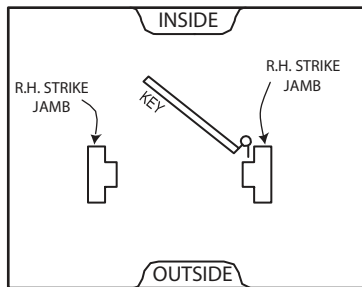
When door swings inside and hinges are on right side of the door - Door is R.H. / Frame is R.H.



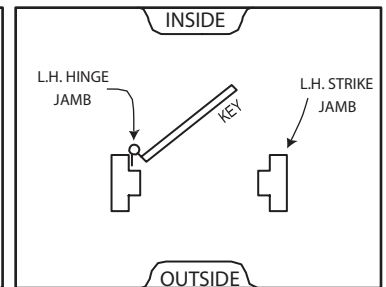
Right Hand Reverse Door
(Swing Out) Left Hand Frame



Left Hand Reverse Door
(Swing Out) Right Hand Frame



Right Hand Door (Swing In)
Right Hand Frame

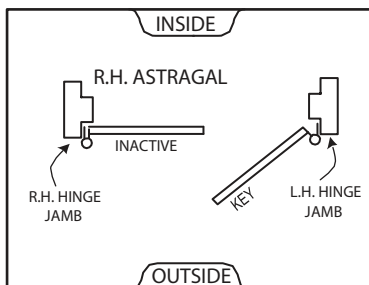


Left Hand Door (Swing In)
Left Hand Frame

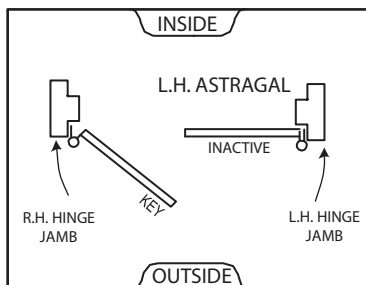
DOUBLE DOORS

When door leaf swings towards you and hinges are on the right side of active leaf - Door is R.H.R. Active / Frame is L.H. Active

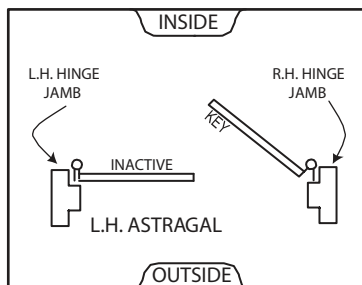
When door leaf swings inside and hinges are on right side of active leaf - Door is R.H. Active / Frame is R.H. Active



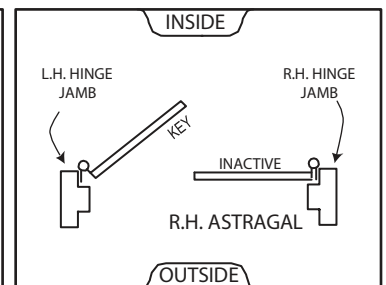
OUTSIDE
Pair of Doors - R.H.R Active
(Swing Out)
Double Door Frame L.H. Active



OUTSIDE
Pair of Doors - L.H.R Active
(Swing Out)
Double Door Frame R.H. Active

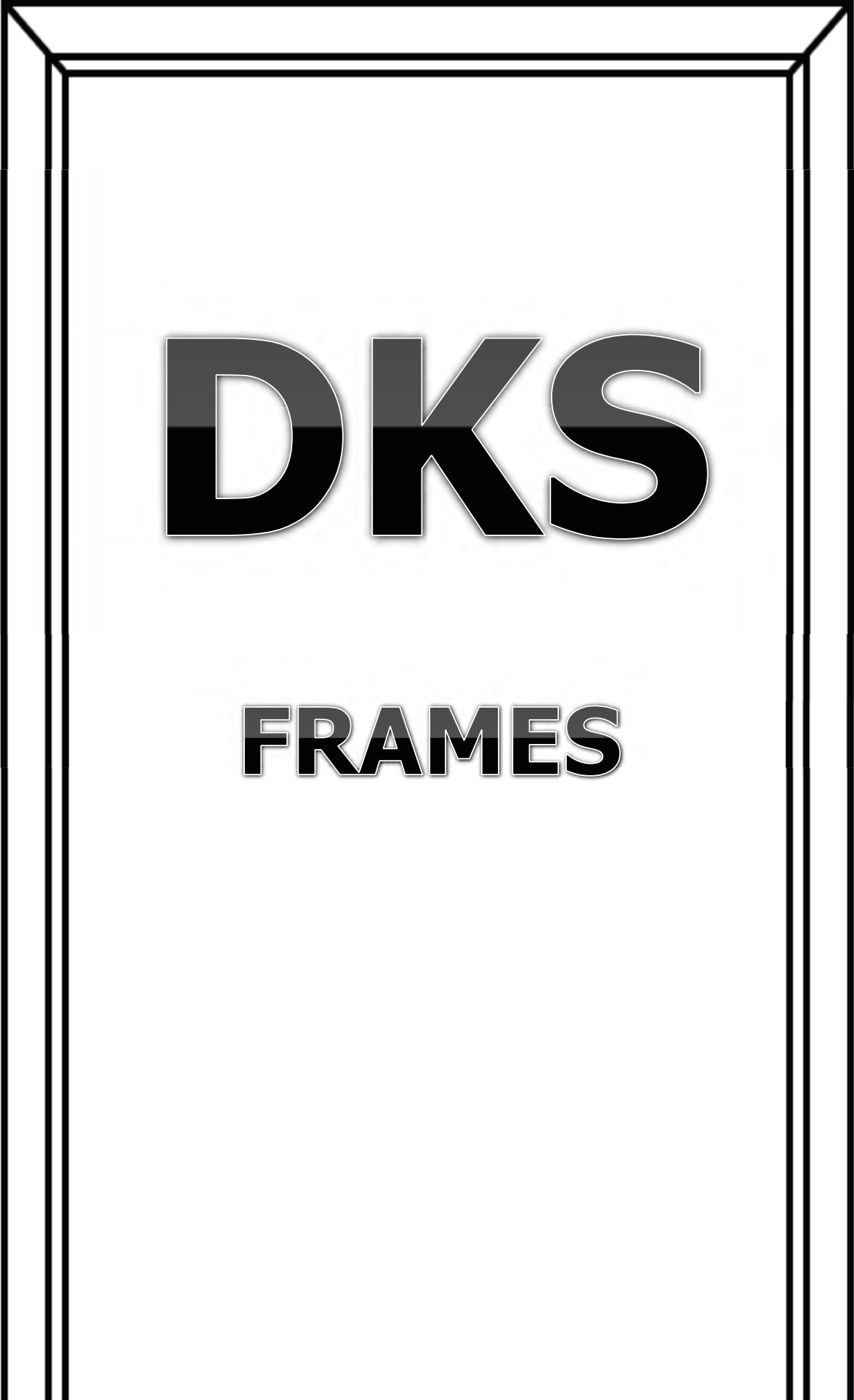


OUTSIDE
Pair of Doors - R.H. Active
(Swing In)
Double Door Frame R.H. Active



OUTSIDE
Pair of Doors - L.H. Active
(Swing In)
Double Door Frame L.H. Active

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DKS

FRAMES

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16 GAUGE

STOCK DOUBLE EGRESS FRAMES

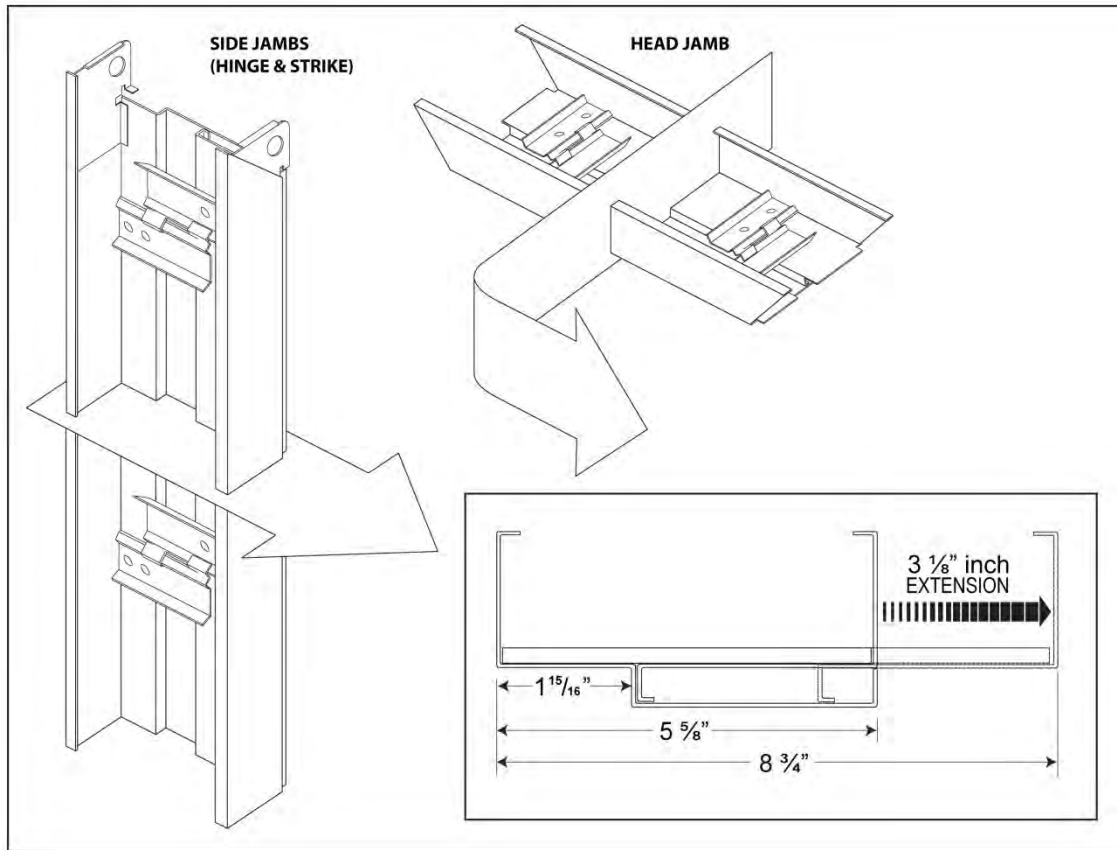
- Jamb depths from 4" up to 9 ¾" available with lead time. Consult factory.
- Includes wood stud strap anchors welded in.
- WHI 3 hour listing, (S) smoke label.

Hand	Item	Size	Type / Gauge	Depth	Label
RH	3000	6068	16	5.75"	WHI-3
LH	3001				
RH	3004	6070			
LH	3005				
RH	3002	8068			
LH	3003				
RH	3008	8070			
LH	3009				
RH	3199	6068	16	7.125"	WHI-3
LH	3198				
RH	3200	6070			
LH	3201				
RH	3116	8070			
LH	3117				
RH	3202	6070	16	7.25"	WHI-3
LH	3203				

16 GAUGE GALVANIZED

5.625" to 8.75" Depth Expandable Masonry Frame

90 Minutes WHI



COMPLETE FRAME SIZES		
	WIDTH	HEIGHT
S I N G L E	3'0"	6'8"
		7'0"
		8'0"
	3'6"	6'8"
		7'0"
		8'0"
	4'0"	6'8"
		7'0"
		8'0"
P A I R	6'0"	6'8"
		7'0"
		8'0"

FRAME COMPONENTS	
PART	LENGTH
HINGE JAMB	6'8"
	7'0"
	8'0"
STRIKE JAMB	6'8"
	7'0"
	8'0"
SINGLE HEAD	3'0"
	3'6"
	4'0"
PAIR HEAD	6'0"

HOW TO ORDER		
Example: 3070 Part # 5625 (5.625" to 8.75") Expandable Masonry Right Hand Frame		
TYPE	SIZE	PART
X	305625	H
X	705625	HJR
X	705625	SJR
TYPE	X (Expandable Masonry)	
SIZE	Width / Height	
PART	H (Head), HJ (Hinge Jamb Right or Left), SJ (Strike Jamb Right or Left), PR (Pair Head)	

COMPLETE FRAMES

16 GAUGE MASONRY UN-EQUAL RABBIT

	WIDTH	HEIGHT	DEPTH					
S I N G L E	2'0", 2'4"	6'8"	4.25"-5.75"	5.875"-6.75"	6.875"-7.75"	7.875"-8.75"	8.875"-9.75"	9.875"-13.00"
		7'0"						
	2'6", 2'8"	7'2"						
		8'0"						
	2'10", 3'0"	8'1" - 10'0"						
F R A M E S	3'4", 3'6"	6'8"	4.25"-5.75"	5.875"-6.75"	6.875"-7.75"	7.875"-8.75"	8.875"-9.75"	9.875"-13.00"
		7'0"						
	3'8", 3'10"	7'2"						
		8'0"						
	4'0"	8'1" - 10'0"						
D O U B L E	4'0", 4'8"	6'8"	4.25"-5.75"	5.875"-6.75"	6.875"-7.75"	7.875"-8.75"	8.875"-9.75"	9.875"-13.00"
		7'0"						
	5'0", 5'4"	7'2"						
		8'0"						
	5'8", 6'0"	8'1" - 10'0"						
F R A M E S	6'8", 7'0"	6'8"	4.25"-5.75"	5.875"-6.75"	6.875"-7.75"	7.875"-8.75"	8.875"-9.75"	9.875"-13.00"
		7'0"						
	7'4", 7'8"	7'2"						
		8'0"						
	8'0"	8'1" - 10'0"						

16 GAUGE COLD ROLLED FRAMES COMPONENTS

HINGE JAMBS	DEPTH					
6'8"	4.25"-5.75"	5.875"-6.75"	6.875"-7.75"	7.875"-8.75"	8.875"-9.75"	9.875"-13.00"
7'0"						
7'2"						
8'0"						
8'1" - 10'0"						
STRIKE JAMBS						
6'8"	4.25"-5.75"	5.875"-6.75"	6.875"-7.75"	7.875"-8.75"	8.875"-9.75"	9.875"-13.00"
7'0"						
7'2"						
8'0"						
8'1" - 10'0"						
SINGLE HEAD						
2'0" - 3'0"	4.25"-5.75"	5.875"-6.75"	6.875"-7.75"	7.875"-8.75"	8.875"-9.75"	9.875"-13.00"
3'1" - 4'0"						
PAIR HEAD						
4'0" - 6'0"	4.25"-5.75"	5.875"-6.75"	6.875"-7.75"	7.875"-8.75"	8.875"-9.75"	9.875"-13.00"
6'1" - 8'0"						

In stock depths: 4.75", 5.75", 6.25", 6.75", 7.125", 7.25", 7.75", 8.25", 8.75", 9.25", 9.75", 10.25" and 10.75"

- Other Jamb depths are available with lead time. Consult factory. Fire label WHI 3HR Positive Pressure,  smoke label.
- Masonry frames are prepared for ASA strike.
- Includes anchors. Please specify type. ANCHORS: **WS** = Wood Stud, **SS** = Steel Stud, **MA** = Masonry Wire

4000 Series Masonry Frames

June 2013

16 GAUGE STOCK MASONRY FRAMES UNEQUAL RABBET

- Other jamb depths available. Consult Factory.
Fire label WHI 3HR listed. **S** Smoke label.
- Masonry frames are prepared for ASA strike.

- Includes anchors. Please specify type.

ANCHORS:

WS = Wood Stud SS = Steel Stud MA = Masonry Wire

Hand	Item	Size	Depth	Type/Ga.
RH	4000	3068	4.75"	16
LH	4001			
RH	4002	3070		
LH	4003			
RH	4004	3080		
LH	4005			
RH	4076	2068	5.75"	16
LH	4077	2070		
RH	4078			
LH	4079	2080		
RH	4080			
LH	4081	2668		
RH	4082			
LH	4083	2670		
RH	4084			
LH	4085	2868		
RH	4086			
LH	4087	2870		
RH	4088			
LH	4089	2880		
RH	4090			
LH	4091	2680		
RH	4092			
LH	4093	21068		
RH	4094			
LH	4095	21070		
RH	4096			
LH	4097	21080		
RH	4098			
LH	4099	3068		
RH	4100			
LH	4101	3070		
RH	4104			
LH	4105	4068		
RH	4126			
LH	4127	4070		
RH	4128			
LH	4129	4080		
RH	4130			
LH	4131	3068	5.75"	*16G Galvanized
RH	4108			
LH	4109			
RH	4124			
LH	4125			
RH	4112			
LH	4113			
RH	4122			
LH	4123			
RH	4116			
LH	4117			
RH	4120			
LH	4121			

Hand	Item	Size	Depth	Type/Ga.
RH	4118	4080	5.75"	*16G Galvanized
LH	4119			
RH	4132	3072		
LH	4133			
RH	4134	4072		
LH	4135			
RH	4400	2068	6.25"	16
LH	4401			
RH	4403	2070		
LH	4404			
RH	4490	2080		
LH	4491			
RH	4406	2468		
LH	4407			
RH	4409	2470		
LH	4410			
RH	4488	2480		
LH	4489			
RH	4412	2668		
LH	4413			
RH	4415	2670		
LH	4416			
RH	4486	2680		
LH	4487			
RH	4418	2868		
LH	4419			
RH	4421	2870		
LH	4422			
RH	4484	2880		
LH	4485			
RH	4424	21068		
LH	4425			
RH	4427	21070		
LH	4428			
RH	4482	21080		
LH	4483			
RH	4430	3068		
LH	4431			
RH	4433	3070		
LH	4434			
RH	4480	3080		
LH	4481			
RH	4436	3668		
LH	4437			
RH	4439	3670		
LH	4440			
RH	4478	3680		
LH	4479			
RH	4442	4068		
LH	4443			
RH	4445	4070		
LH	4446			
RH	4476	4080		
LH	4477			



4000 Series Masonry Frames (Continued)

June 2013

Hand	Item	Size	Depth	Type/Ga.
RH	4600	2068	6.75"	16
LH	4601			
RH	4603	2070		
LH	4604			
RH	4648	2080		
LH	4647			
RH	4606	2468		
LH	4607			
RH	4609	2470		
LH	4610			
RH	4650	2480		
LH	4649			
RH	4612	2668		
LH	4613			
RH	4615	2670		
LH	4616			
RH	4652	2680		
LH	4651			
RH	4618	2868		
LH	4619			
RH	4621	2870		
LH	4622			
RH	4654	2880		
LH	4653			
RH	4624	21068		
LH	4625			
RH	4627	21070		
LH	4628			
RH	4656	21080		
LH	4655			
RH	4630	3068		
LH	4631			
RH	4633	3070		
LH	4634			
RH	4658	3080		
LH	4657			
RH	4636	3668		
LH	4637			
RH	4639	3670		
LH	4640			
RH	4660	3680		
LH	4659			
RH	4642	4068		
LH	4643			
RH	4645	4070		
LH	4646			
RH	4662	4080		
LH	4661			
RH	4700	2068	7.125"	16
LH	4701			
RH	4703	2070		
LH	4704			
RH	4748	2080		
LH	4747			
RH	4706	2468		
LH	4707			

Hand	Item	Size	Depth	Type/Ga.
RH	4709	2470	7.125"	16
LH	4710			
RH	4750	2480		
LH	4749			
RH	4712	2668		
LH	4713			
RH	4715	2670		
LH	4716			
RH	4752	2680		
LH	4251			
RH	4718	2868		
LH	4719			
RH	4721	2870		
LH	4722			
RH	4754	2880		
LH	4753			
RH	4724	21068		
LH	4725			
RH	4727	21070		
LH	4728			
RH	4756	21080		
LH	4755			
RH	4730	3068		
LH	4731			
RH	4733	3070		
LH	4734			
RH	4758	3080		
LH	4757			
RH	4736	3668		
LH	4737			
RH	4739	3670		
LH	4740			
RH	4760	3680		
LH	4759			
RH	4742	4068		
LH	4743			
RH	4745	4070		
LH	4746			
RH	4762	4080		
LH	4761			
RH	4201	3068	7.25"	16
LH	4202			
RH	4203	3070		
LH	4204			
RH	4205	3080		
LH	4206			
RH	4207	4068		
LH	4208			
RH	4209	4070		
LH	4210			
RH	4211	4080		
LH	4212			
RH	4220	3068	7.75"	*16G Galvanized
LH	4221			
RH	4232	3668		
LH	4233			

Hand	Item	Size	Depth	Type /Ga.
RH	4224	3070	7.75"	*16G Galvanized
LH	4225			
RH	4234	3670		
LH	4235			
RH	4228	3080		
LH	4229			
RH	4236	3680		
LH	4237			
RH	4230	4080		
LH	4231			
RH	4340	3068	8.25"	*16G Galvanized
LH	4341			
RH	4352	3668		
LH	4353			
RH	4344	3070		
LH	4345			
RH	4354	3670		
LH	4355			
RH	4348	3080		
LH	4349			
RH	4356	3680		
LH	4357			
RH	4350	4080		
LH	4351			
RH	4800	3068	8.75"	16
LH	4801			
RH	4803	3070		
LH	4804			
RH	4806	4068		
LH	4807			
RH	4809	4070		
LH	4810			
RH	4816	3068	9.25"	16
LH	4817			
RH	4818	3070		
LH	4819			
RH	4820	3080		
LH	4821			
RH	4822	4068		
LH	4823			
RH	4824	4070		
LH	4825			
RH	4826	4080		
LH	4827			
RH	4880	3068	9.75"	16
LH	4881			
RH	4882	3070		
LH	4883			
RH	4884	3080		
LH	4885			
RH	4886	4068		
LH	4887			
RH	4888	4070		
LH	4889			
RH	4890	4080		
LH	4891			

Hand	Item	Size	Depth	Type /Ga.
RH	4892	3070	10.25	*16G
LH	4893			
RH	4894			
LH	4895			

COMPONENT HEADS

Item #	Description	Depth	Length
57530H4	4" Face head	5.75"	36"
*G57530H4	4" Face head *Galvanized	5.75"	36"
57540H4	4" Face head	5.75"	48"
*G57540H4	4" Face head *Galvanized	5.75"	48"
57560H4	4" Face head	5.75"	72"
*G57560H4	4" Face head *Galvanized	5.75"	72"

- Other jamb depths available. Consult Factory.
Fire label WHI 3HR listed. **(S)** Smoke label.
- Masonry frames are prepared for ASA strike.
- Includes anchors. Please specify type.

ANCHORS:

WS = Wood Stud

SS = Steel Stud

MA = Masonry Wire Anchors

16 GAUGE

STOCK MASONRY FRAMES, UNEQUAL RABBET
90 Minutes WHI Positive Pressure, (S) Smoke Label

FOR CURRIES, DEAN STEEL / MESKER & PIONEER LOCATIONS



- Other jamb depths available. Consult factory
- Fire label WHI 3HR Listed. (S) Smoke Label
- Masonry frames are prepared for ASA strike

HAND	ITEM	SIZE	DEPTH	TYPE/GA.
CURRIES				
RH	CU4100	3068	5.75"	16
LH	CU4101			
RH	CU4104	3070		
LH	CU4105			

DEAN STEEL / MESKER				
RH	DE/ME4100	3068	5.75"	16
LH	DE/ME4101			
RH	DE/ME4104	3070		
LH	DE/ME4105			

PIONEER				
RH	PI4100	3068	5.75"	16
LH	PI4101			
RH	PI4104	3070		
LH	PI4105			

16 GAUGE
STOCK MASONRY FRAMES FOR PAIR OPENINGS
UNEQUAL RABBET

- All frames are WHI 3HR listed. **(S)** smoke label.
- Includes anchors. Please specify type.

ANCHORS:

WS = Wood Stud; SS = Steel Stud; MA = Masonry Wire Anchors

Type	Item	Size	Depth	Type/ Gauge
Pair	4501	4068	5.75"	*16G Galvanized
	4505	6068		
	4511	6070		
	4521	7070		
	4525	8070		
	4527	8080		
Pair	4502	5068	6.25"	16
	4503	5070		
	4504	5080		
	4506	6068		
	4507	6070		
	4508	6080		
	4509	8068		
	4510	8070		
Pair	4513	5068	6.75"	16
	4514	5070		
	4515	5080		
	4516	6068		
	4517	6070		
	4518	6080		
	4519	8068		
	4520	8070		
Pair	4523	5068	7.125"	16
	4524	5070		
	4526	5080		
	4528	6068		
	4529	6070		
	4531	6080		
	4532	8068		
	4533	8070		
Pair	4535	8080		

Type	Item	Size	Depth	Type/ Gauge
Pair	4583	6068	7.25"	16
	4584	6070		
	4585	6080		
	4586	8068		
	4577	8070		
	4578	8080		
Pair	4530	4068	7.75"	*16G Galvanized
	4534	6068		
	4542	6070		
	4553	7070		
	4556	8070		
	4560	8080		
Pair	4563	4068	8.25"	*16G Galvanized
	4569	6068		
	4570	6070		
	4573	7070		
	4580	8070		
Pair	4582	8080	8.75"	16
	4536	5068		
	4537	5070		
	4538	5080		
	4539	6068		
	4540	6070		
	4541	6080		
	4543	8068		
	4544	8070		
	4545	8080		
Pair	4587	6068	9.25"	16
	4588	6070		
	4589	6080		
	4590	8068		
	4591	8070		
	4592	8080		
Pair	4596	6068	9.75"	16
	4597	6070		
	4598	6080		
	4593	8068		
	4594	8070		
	4595	8080		

COMPLETE FRAMES

14 GAUGE GALVANIZED MASONRY UN-EQUAL RABBET

S I N G L E	WIDTH	HEIGHT	DEPTH					
	2'0", 2'4"	6'8"	4.25"-5.75"	5.875"-6.75"	6.875"-7.75"	7.875"-8.75"	8.875"-9.75"	9.875"-13.00"
		7'0"						
	2'6", 2'8"	7'2"						
	2'10", 3'0"	8'0"						
F R A M E S	3'1", 3'6"	6'8"	4.25"-5.75"	5.875"-6.75"	6.875"-7.75"	7.875"-8.75"	8.875"-9.75"	9.875"-13.00"
		7'0"						
	3'8", 3'10"	7'2"						
		8'0"						
	4'0"	8'1" - 10'0"						
D O U B L E	4'0", 4'8"	6'8"	4.25"-5.75"	5.875"-6.75"	6.875"-7.75"	7.875"-8.75"	8.875"-9.75"	9.875"-13.00"
		7'0"						
	5'0", 5'4"	7'2"						
		8'0"						
	5'8", 6'0"	8'1" - 10'0"						
F R A M E S	6'1", 7'0"	6'8"	4.25"-5.75"	5.875"-6.75"	6.875"-7.75"	7.875"-8.75"	8.875"-9.75"	9.875"-13.00"
		7'0"						
	7'4", 7'8"	7'2"						
		8'0"						
	8'0"	8'1" - 10'0"						

14 GAUGE GALVANIZED FRAMES COMPONENTS

HINGE JAMBS	DEPTH					
6'8"	4.25"-5.75"	5.875"-6.75"	6.875"-7.75"	7.875"-8.75"	8.875"-9.75"	9.875"-13.00"
7'0"						
7'2"						
8'0"						
8'1" - 10'0"						
STRIKE JAMBS						
6'8"	4.25"-5.75"	5.875"-6.75"	6.875"-7.75"	7.875"-8.75"	8.875"-9.75"	9.875"-13.00"
7'0"						
7'2"						
8'0"						
8'1" - 10'0"						
SINGLE HEAD						
2'0" - 3'0"	4.25"-5.75"	5.875"-6.75"	6.875"-7.75"	7.875"-8.75"	8.875"-9.75"	9.875"-13.00"
3'1" - 4'0"						
PAIR HEAD						
4'0" - 6'0"	4.25"-5.75"	5.875"-6.75"	6.875"-7.75"	7.875"-8.75"	8.875"-9.75"	9.875"-13.00"
6'1" - 8'0"						

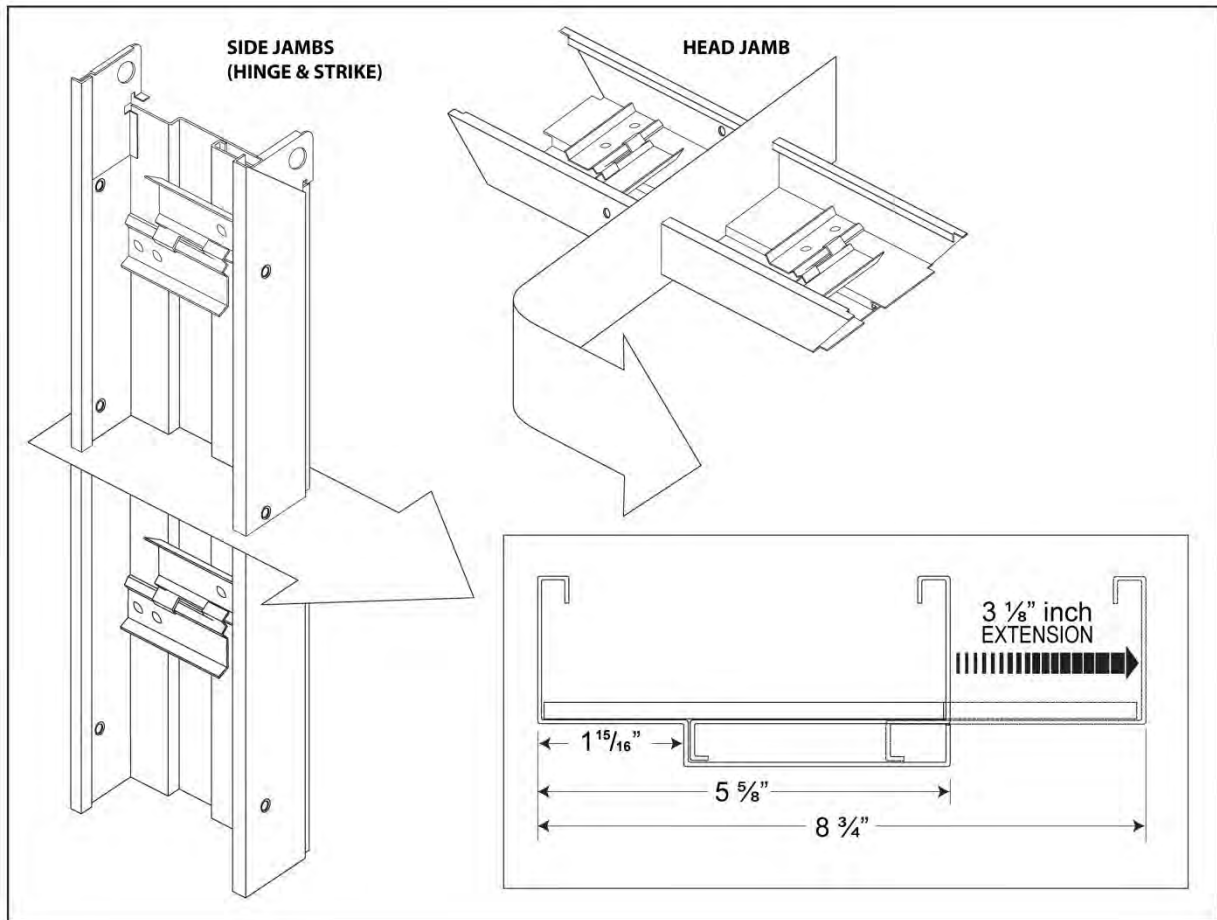
In stock depths: 4.75" and 7.75"

- Other Jamb depths are available with lead time. Consult factory. Fire label WHI 3HR Positive Pressure,  smoke label.
- Masonry frames are prepared for ASA strike.
- Includes anchors. Please specify type.
ANCHORS: **WS** = Wood Stud, **SS** = Steel Stud, **MA** = Masonry Wire

16 GAUGE GALVANIZED

5.625" to 8.75" Depth Expandable Drywall Frame

90 Minutes WHI



COMPLETE FRAME SIZES		
	WIDTH	HEIGHT
S I N G L E	3'0"	6'8"
		7'0"
		8'0"
	3'6"	6'8"
		7'0"
		8'0"
	4'0"	6'8"
		7'0"
		8'0"
P A I R	6'0"	6'8"
		7'0"
		8'0"

FRAME COMPONENTS	
PART	LENGTH
HINGE JAMB	6'8"
	7'0"
	8'0"
STRIKE JAMB	6'8"
	7'0"
	8'0"
SINGLE HEAD	3'0"
	3'6"
	4'0"
PAIR HEAD	6'0"

HOW TO ORDER		
Example: 3070 Part # 5625 (5.625" to 8.75") Expandable Drywall Right Hand Frame		
TYPE	SIZE	PART
XDW	305625	H
XDW	705625	HJR
XDW	705625	SJR
TYPE	XDW (Expandable Drywall)	
SIZE	Width / Height	
PART	H (Head), HJ (Hinge Jamb Right or Left), SJ (Strike Jamb Right or Left), PR (Pair Head)	

16 GAUGE

STOCK DRYWALL FRAMES

UNEQUAL RABBET

90 Minutes WHI Positive Pressure, (S) Smoke Label

Complete Frames

Frame sizes						
S I N G L E	Width	Height	Depth			
	2'0" , 2'4"	6'8"	5.625" / 5.875" / 6.25"	6.75" / 7.25" / 7.75"	8.25"	8.75"
	2'6" , 2'8"	7'0"				
	2'10" , 3'0"	8'0"				
	3'6" , 4'0"	6'8"	5.625" / 5.875" / 6.25"	6.75" / 7.25" / 7.75"	8.25"	8.75"
		7'0"				
8'0"						
P A I R	4'0" , 6'0"	6'8"	5.625" / 5.875" / 6.25"	6.75" / 7.25" / 7.75"	8.25"	8.75"
		7'0"				
		8'0"				
	8'0"	6'8"	5.625" / 5.875" / 6.25"	6.75" / 7.25" / 7.75"	8.25"	8.75"
		7'0"				
		8'0"				

Frame Components

Hinge Jamb	Depth			
6'8"	5.625" / 5.875" / 6.25"	6.75" / 7.25" / 7.75"	8.25"	8.75"
7'0"				
8'0"				
Strike Jamb	5.625" / 5.875" / 6.25"	6.75" / 7.25" / 7.75"	8.25"	8.75"
6'8"				
7'0"				
8'0"				
Single Head	5.625" / 5.875" / 6.25"	6.75" / 7.25" / 7.75"	8.25"	8.75"
2'0" – 3'0"				
3'6" – 4'0"				
Pair Head	5.625" / 5.875" / 6.25"	6.75" / 7.25" / 7.75"	8.25"	8.75"
4'0" – 6'0"				
8'0"				

Stock Widths

5.625	3'0", 4'0", 6'0", 8'0"
5.875	2'0", 2'4", 2'6", 2'8", 2'10", 3'0", 3'6", 4'0", 6'0"
6.25	3'0", 4'0", 6'0", 8'0"
6.75	
7.25	
7.75	
8.25	

To order components

Example 5 7/8" 3070
drywall right hand frame

STYLE SIZE PART

DW 305875 H
DW 705875 HJR
DW 705875 SJR

STYLE = Drywall

SIZE = Width or Height /
Jamb Depth

PART = H (Head), HJ
(Hinge Jamb Right or
Left), SJ (Strike Jamb
Right or Left)

16 GAUGE

STOCK DRYWALL FRAMES, UNEQUAL RABBET
90 Minutes WHI Positive Pressure, (S) Smoke Label

FOR CURRIES, DEAN STEEL / MESKER & PIONEER LOCATIONS



- Other jamb depths available. Consult factory.
- 90 Minutes WHI, (S) Smoke Label
- Drywall frames are prepared for ASA strike.

HAND	ITEM	SIZE	DEPTH	TYPE/GA.
CURRIES				
RH	CU5100	3068	5.625"	16
LH	CU5101	3068		
RH	CU5430	3068	5.875"	
LH	CU5431	3068		
RH	CU5433	3070	5.875"	
LH	CU5434	3070		

DEAN STEEL / MESKER				
RH	DE/ME5100	3068	5.625"	16
LH	DE/ME5101	3068		
RH	DE/ME5430	3068	5.875"	
LH	DE/ME5431	3068		
RH	DE/ME5433	3070	5.875"	
LH	DE/ME5434	3070		

PIONEER				
RH	PI5100	3068	5.625"	16
LH	PI5101	3068		
RH	PI5430	3068	5.875"	
LH	PI5431	3068		
RH	PI5433	3070	5.875"	
LH	PI5434	3070		

16 GAUGE

STOCK DRYWALL FRAMES, UNEQUAL RABBET
90 Minutes WHI Positive Pressure, (S) Smoke Label



FOR CECO LOCATIONS

- Other jamb depths available. Consult factory.
- 90 Minutes WHI, (S) Smoke Label
- Drywall frames are prepared for ASA strike.

HAND	ITEM	SIZE	DEPTH	TYPE/GA.
RH	CE5100	3068	5.625"	16
LH	CE5101	3068		
RH	CE5104	3070		
LH	CE5105	3070		
RH	CE5430	3068	5.875"	
LH	CE5431	3068		
RH	CE5433	3070		
LH	CE5434	3070		
RH	CE5480	3080		
LH	CE5481	3080		
RH	CE5426	4068	5.625"	
LH	CE5427	4068		
RH	CE5428	4070		
LH	CE5429	4070		
RH	CE5442	4068	5.875"	
LH	CE5443	4068		
RH	CE5445	4070		
LH	CE5446	4070		
RH	CE5476	4080		
LH	CE5477	4080		
RH/LH	CE5539	6068	5.625"	
RH/LH	CE5540	6070		
RH/LH	CE5587	6068	5.875"	
RH/LH	CE5588	6070		
RH/LH	CE5589	6080		

16 and 14 GAUGE STOCK BLANK MASONRY STICK MATERIAL

► Other depths available with lead time. Consult factory.

	Item#	Depth	Size	Type / Gauge
** *	7050	4.750"	10'	16 Gauge Galvanized
	7000	5.750"		
	7000-4			
	CO7000			
	7100	6.250"		
**	7200	6.750"		
	7200-4			
**	7400	7.125"		
	7400-4			
	7700	7.250"		
► **	7300	7.750"		
	CO7300			
	7300-4			
*	7500	8.250"		
	CO7500			
** *	7600	8.750"		
	7600-4			
	CO7600			
	7800	9.250"		
	7900	9.750"		
	7910	10.250"		
	7912	10.750"		
	14G7000	5.750"		14 Gauge Galvanized
	14G7300	7.750"		

*CO = Cased Open

** -4 = 4" Face

BLANK STRIKE JAMBS	
Item#	Gauge
68575SJR Blank	16
68575SJL Blank	
70575SJR Blank	
70575SJL Blank	
LP68575SJR Blank	
LP68575SJL Blank	
LP7075SJR Blank	
LP7075SJL Blank	

16 GAUGE

STOCK BLANK DRYWALL STICK MATERIAL

- Other depths available with lead time. Consult factory.



Item#	Depth	Size	Type / Gauge
8100	5.625"	10'	16 Gauge Cold Rolled
8000	5.875"		
8050	6.25"		
8200	6.75"		
8700	7.25"		
8300	7.75"		
8500	8.25"		
8800	9.25"		
8900	9.75"		

16 GAUGE

UNEQUAL RABBETT

TYPE	DEPTH			
Hinge Jamb 10'0" 6'8" & 7'0" location	4.75"-5.75"	6.25"-6.75"	7.25"-7.75"	8.25"-8.75"
Strike Jamb 10'0"				
Hinge Mullion 10'0" 6'8" & 7'0" locations				
Strike Mullion 10'0"				
Blank Mullion 10'0"				

In stock depths: 5.625"(PA Warehouse only), 5.75", 6.75", 7.75", 8.25" and 8.75"
Contact DKS for lead time on non-stock items.

GS-22 Glass Stop 10'0", 5/8" x 5/8" w/ tek screws

DC-10 Door / Framing channel 10'0" length

How to order: Example:

➤ Stick material

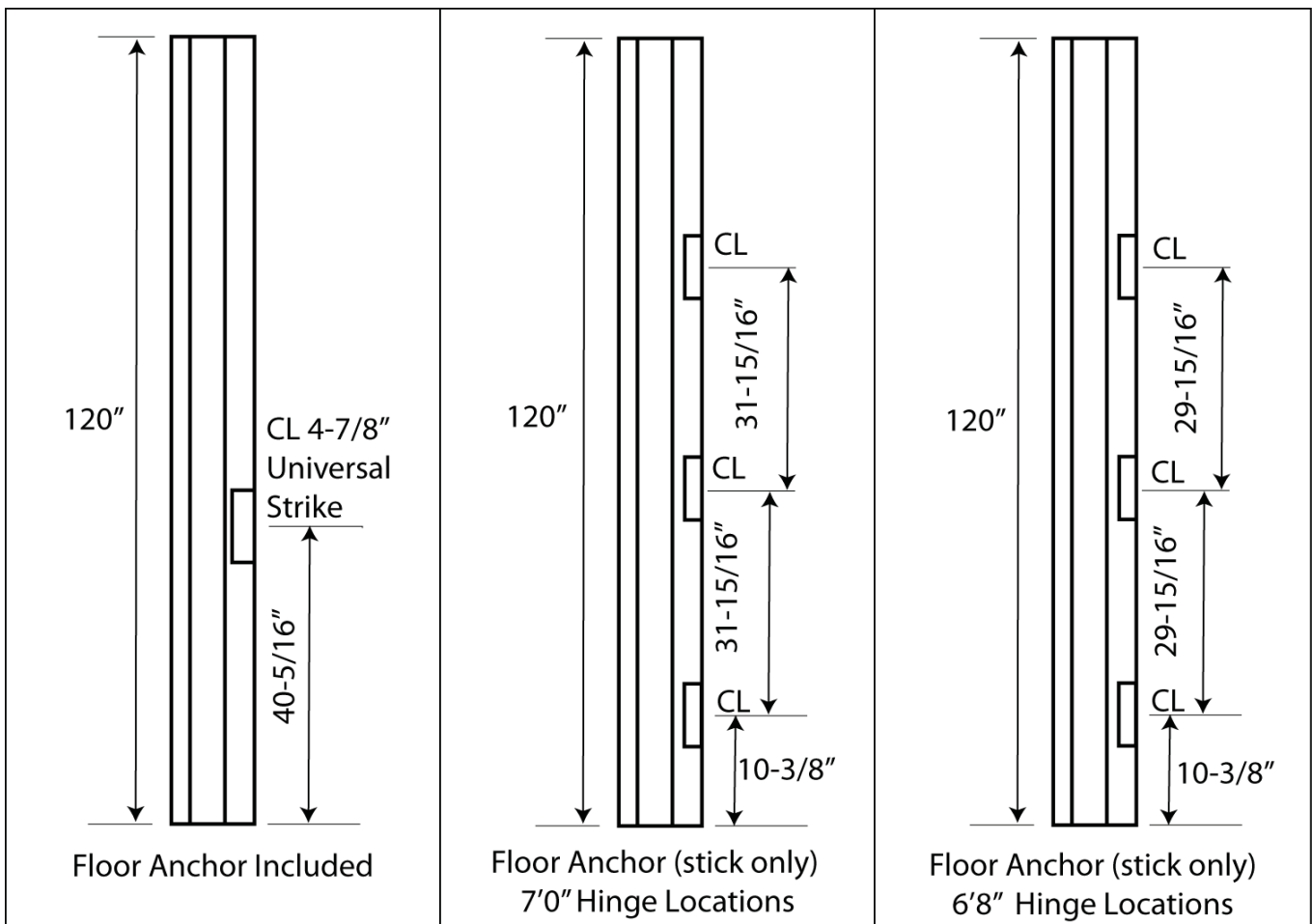
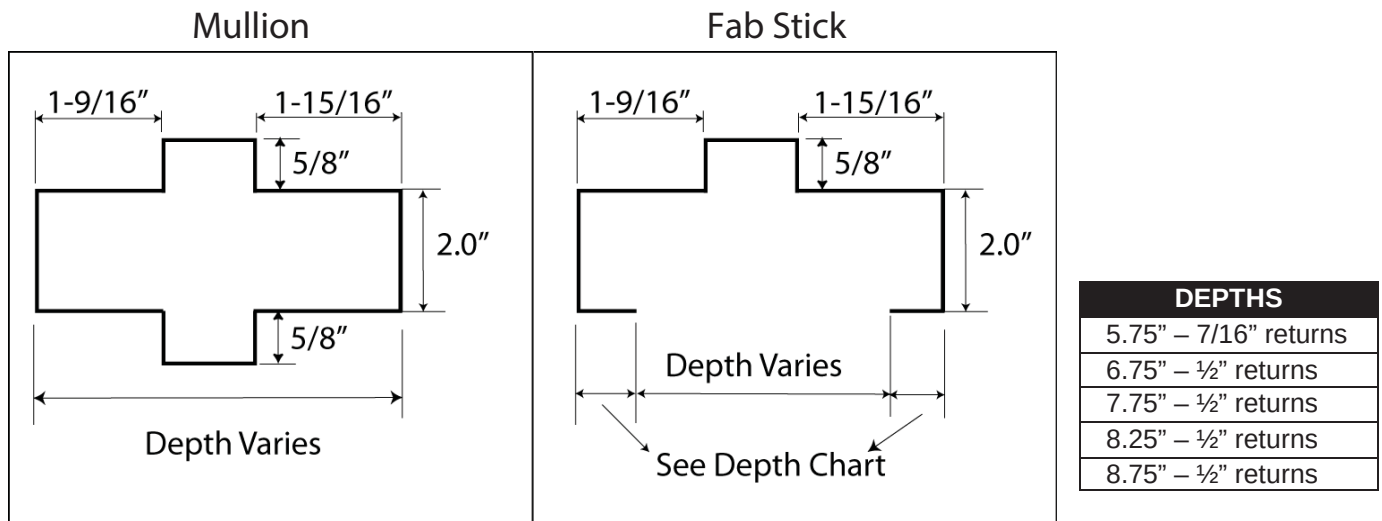
Stick Series	Cutout Location	Depth 5 3/4"	Hinge Jamb Right	or	Strike Jamb Left
75	68	575	HJR		SJL

➤ Mullion

Mullion Series	Cutout Location	Depth 8 3/4"	Mullion Hinge Left	or	Mullion Strike Left
75	68	575	HJR		SJL

➤ Blank Mullion

Blank Mullion Series	Depth 7 3/4"	Blank Mullion
75	775	BM



4.5" X 4.5" Hinge reinforcements
Reinforcements 7 gauge
Grey Prime
Floor Anchor 18 gauge

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DKS

LITES & LOUVERS

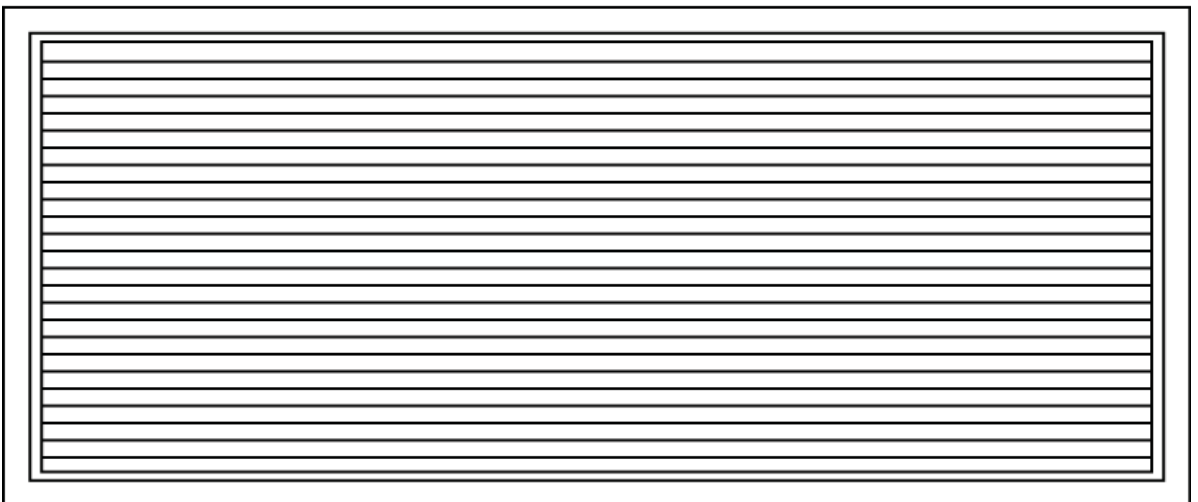
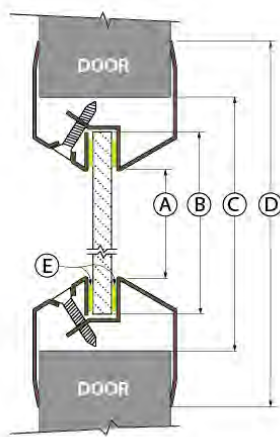
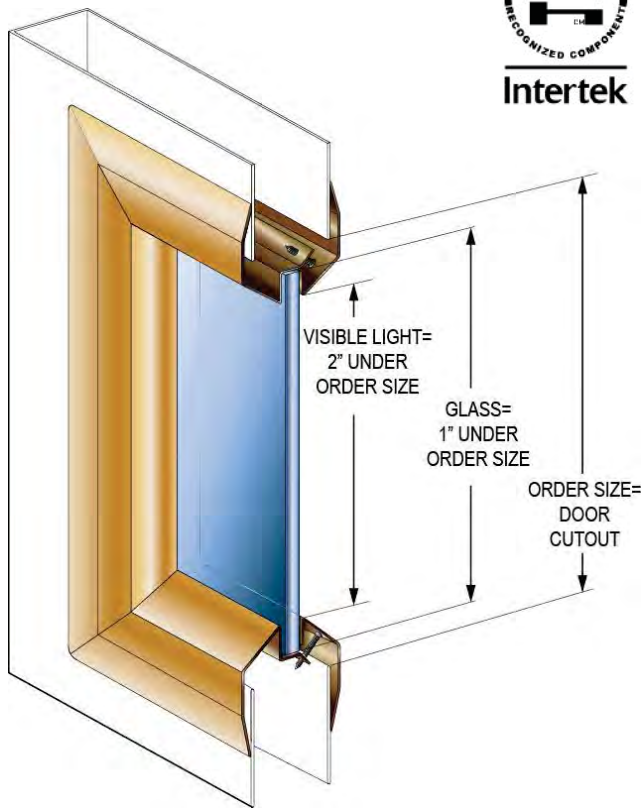


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Lites, VL Series, Vision Lite Standard Profile for 3/16" to 1/4" Glass	40
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LITES

SVL SERIES, VISION LITE LOW PROFILE



- (A) VISIBLE LIGHT = 2" UNDER ORDER SIZE
- (B) GLASS = 1" UNDER ORDER SIZE
- (C) ORDER SIZE = DOOR CUTOUT
- (D) 1-3/8" OVER ORDER SIZE
- (E) GLAZING TAPE

- 45-180 Minute Fire Rated Steel Vision Lites for 3/16" to 1/4" Glass
- Low Profile Beveled Vision lite for Fire Rated Doors
- Frame has Single-side Fasteners
- 20 Gauge Cold Rolled Steel
- Designed for use with 1-3/4" doors only
- Baked on powder coat finish
- Color: Standard Bronze
- Fasteners: #8 x 7/8" Flathead phillips head SMS

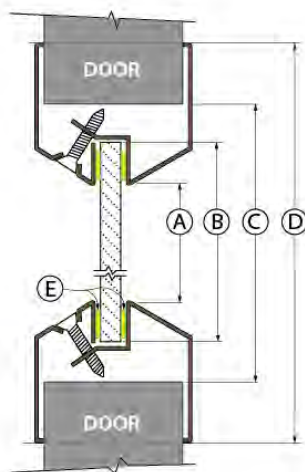
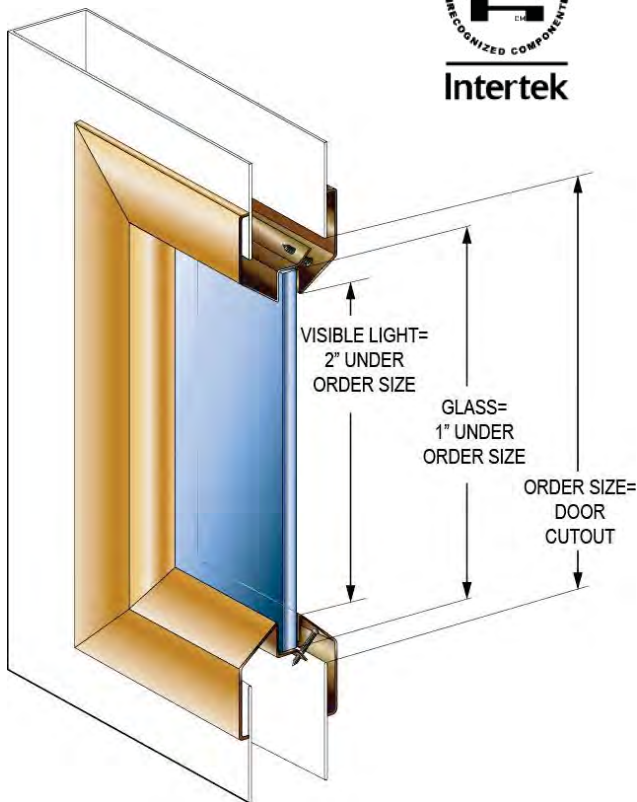
ITEM #	SIZE (DOOR CUTOUT) Width x Height	PCS/CTN
SVL520	5" x 20"	6
SVL535	5" x 35"	6
SVL614	6" x 14"	6
SVL624	6" x 24"	6
SVL626	6" x 26"	6
SVL627	6" x 27"	6
SVL630	6" x 30"	6
SVL636	6" x 36"	6
SVL722	7" x 22"	6
SVL818	8" x 18"	6
SVL830	8" x 30"	6
SVL832	8" x 32"	6
SVL836	8" x 36"	6
SVL838	8" x 38"	6
SVL1212	12" x 12"	10
SVL1818	18" x 18"	2
SVL1830	18" x 30"	2
SVL1832	18" x 32"	2
SVL2236	22" x 36"	2
SVL2424	24" x 24"	4
SVL2430	24" x 30"	4
SVL2432	24" x 32"	4
SVL2434	24" x 34"	2
SVL2436	24" x 36"	2
SVL2454	24" x 54"	2
SVL2456	24" x 56"	2
SVL2460	24" x 60"	2
SVL2464 *	24" x 64"	2
SVL3036	30" x 36"	2

*Shaded Items are Non-Fire Rated.

See Lites & Louvers Intertek Certification for detailed information on Fire Ratings.
Or visit: http://www.dksdoors.com/pdf/lites/litescertification_.pdf

LITES

VL SERIES, VISION LITE STANDARD PROFILE



- (A) VISIBLE LIGHT = 2" UNDER ORDER SIZE
- (B) GLASS = 1" UNDER ORDER SIZE
- (C) ORDER SIZE = DOOR CUTOUT
- (D) 1-3/8" OVER ORDER SIZE
- (E) GLAZING TAPE

- 45-180 Minute Fire Rated Steel Vision Lites for 3/16" to 1/4" Glass
- Standard Profile Vision lite for Fire Rated Doors
- Frame has Single-side Fasteners
- 20 Gauge Cold Rolled Steel
- Designed for use with 1-3/4" doors only
- Baked on powder coat finish
- Color: Standard Bronze
- Fasteners: #8 x 7/8" Flathead phillips head SMS

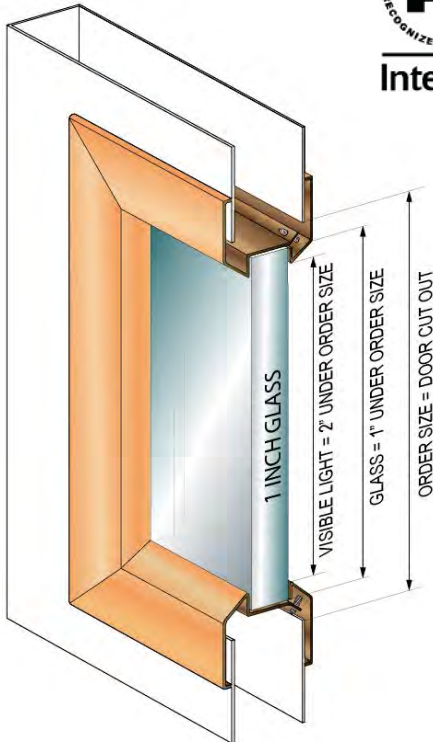
ITEM #	SIZE (DOOR CUTOUT) Width x Height	PCS/CTN
VL520	5" x 20"	6
VL535	5" x 35"	6
VL624	6" x 24"	6
VL626	6" x 26"	6
VL627	6" x 27"	6
VL630	6" x 30"	6
VL636	6" x 36"	6
VL722	7" x 22"	6
VL818	8" x 18"	6
VL830	8" x 30"	6
VL832	8" x 32"	6
VL836	8" x 36"	6
VL1010	10" X 10"	10
VL1212	12" x 12"	10
VL1414	14" x 14"	10
VL1818	18" x 18"	2
VL2020	20" x 20"	4
VL2030	20" x 30"	2
VL2424	24" x 24"	4
VL2430	24" x 30"	4
VL2432	24" x 32"	4
VL2434	24" x 34"	2
VL2436	24" x 36"	2
VL2460	24" x 60"	2
VL2464 *	24" x 64"	2

*Shaded Items are Non-Fire Rated.

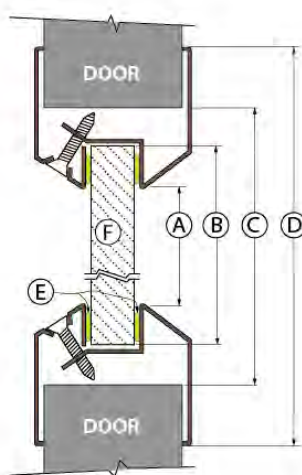
See Lites & Louvers Intertek Certification for detailed information on Fire Ratings.
Or visit: http://www.dksdoors.com/pdf/lites/litescertification_.pdf

LITES

10VL SERIES, VISION LITE STANDARD PROFILE
FOR 1" THICK GLASS



- ▶ 45-180 Minute Fire Rated Steel Vision Lites for 1" Glass
- ▶ Standard Profile Vision lite for Fire Rated Doors
- ▶ Frame has Single-side Fasteners
- ▶ 20 Gauge Cold Rolled Steel
- ▶ Designed for use with 1-3/4" doors only
- ▶ Baked on powder coat finish
- ▶ Color: Standard Bronze
- ▶ Fasteners: #8 x 7/8" Flathead phillips head SMS



- (A) VISIBLE LIGHT = 2" UNDER ORDER SIZE
- (B) GLASS = 1" UNDER ORDER SIZE
- (C) ORDER SIZE = DOOR CUTOUT
- (D) 1-3/8" OVER ORDER SIZE
- (E) GLAZING TAPE
- (F) GLASS 1" THICK

10VL, Beveled Vision Lite for 1" Thick Glass

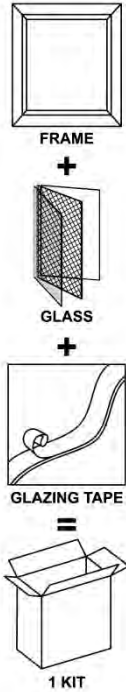
ITEM #	SIZE (DOOR CUTOUT) Width x Height	PCS/CTN
10VL627	6" x 27"	6
10VL722	7" x 22"	6
10VL832	8" x 32"	6
10VL1212	12" x 12"	10
10VL2424	24" x 24"	4
10VL2430	24" x 30"	4
10VL2432	24" x 32"	4
10VL2436	24" x 36"	2
10VL2456	24" x 56"	2
10VL2460	24" x 60"	2
10VL2464 *	24" x 64"	2

*Shaded Items are Non-Fire Rated.

See Lites & Louvers Intertek Certification for detailed information on Fire Ratings.
Or visit: http://www.dksdoors.com/pdf/lites/litescertification_.pdf

LITE KITS

SVL KITS, VISION LITE LOW PROFILE



Vision Lite Frame, Glass (Superlite I-W Wired / Tempered / Pyran® Platinum F) and Glazing Tape Combination					
FRAME	SIZES (DOOR CUTOUT) Width x Height	GLASS SIZES	ITEM NO / GLASS TYPES		
			Superlite I-W Wired Glass (WS) (1/4")	Tempered (TEMP)* (1/4")	Pyran® Platinum F (PPF) (3/16")
SVL535	5" x 35"	4" x 34"	SVL535WSKIT	SVL535TEMPKIT	SVL535PPFKIT
SVL627	6" x 27"	5" x 26"	SVL627WSKIT	SVL627TEMPKIT	SVL627PPFKIT
SVL722	7" x 22"	6" x 21"	SVL722WSKIT	SVL722TEMPKIT	SVL722PPFKIT
SVL818	8" x 18"	7" x 17"	SVL818WSKIT	---	---
SVL830	8" x 30"	7" x 29"	SVL830WSKIT	---	---
SVL832	8" x 32"	7" x 31"	SVL832WSKIT	SVL832TEMPKIT	---
SVL836	8" x 36"	7" x 35"	SVL836WSKIT	SVL836TEMPKIT	---
SVL1212	12" x 12"	11" x 11"	SVL1212WSKIT	SVL1212TEMPKIT	SVL1212PPFKIT
SVL2424	24" x 24"	23" x 23"	SVL2424WSKIT	SVL2424TEMPKIT	---
SVL2430	24" x 30"	23" x 29"	SVL2430WSKIT	SVL2430TEMPKIT	SVL2430PPFKIT
SVL2432	24" x 32"	23" x 31"	SVL2432WSKIT	SVL2432TEMPKIT	---
SVL2436	24" x 36"	23" x 35"	SVL2436WSKIT	SVL2436TEMPKIT	---
*SVL2464	24" x 64"	23" x 63"	SVL2464WSKIT	SVL2464TEMPKIT	---

*Shaded items are Non-Fire Rated.

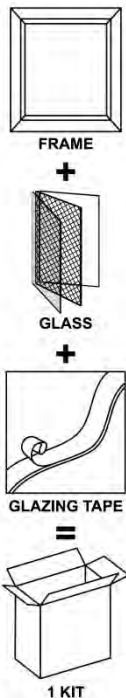
See Lites & Louvers Intertek Certification for detailed information on Fire Ratings. Or visit: http://www.dksdoors.com/pdf/lites/litescertification_.pdf

How to order: SVL ____ (W) ____ (H) ____ WS / TEMP / PPF (glass type) KIT

Example: SVL 1212 TEMP KIT



VL KITS, VISION LITE STANDARD PROFILE



Vision Lite Frame, Glass (Superlite I-W Wired / Tempered / Pyran® Platinum F) and Glazing Tape Combination					
FRAME	SIZES (DOOR CUTOUT) Width x Height	GLASS SIZES	ITEM NO / GLASS TYPES		
			Superlite I-W Wired Glass (WS) (1/4")	Tempered (TEMP)* (1/4")	Pyran® Platinum F (PPF) (3/16")
VL535	5" x 35"	4" x 34"	VL535WSKIT	VL535TEMPKIT	VL535PPFKIT
VL627	6" x 27"	5" x 26"	VL627WSKIT	VL627TEMPKIT	VL627PPFKIT
VL722	7" x 22"	6" x 21"	VL722WSKIT	VL722TEMPKIT	VL722PPFKIT
VL818	8" x 18"	7" x 17"	VL818WSKIT	---	---
VL830	8" x 30"	7" x 29"	VL830WSKIT	---	---
VL832	8" x 32"	7" x 31"	VL832WSKIT	VL832TEMPKIT	---
VL836	8" x 36"	7" x 35"	VL836WSKIT	VL836TEMPKIT	---
VL1212	12" x 12"	11" x 11"	VL1212WSKIT	VL1212TEMPKIT	VL1212PPFKIT
VL2424	24" x 24"	23" x 23"	VL2424WSKIT	VL2424TEMPKIT	---
VL2430	24" x 30"	23" x 29"	VL2430WSKIT	VL2430TEMPKIT	VL2430PPFKIT
VL2432	24" x 32"	23" x 31"	VL2432WSKIT	VL2432TEMPKIT	---
VL2436	24" x 36"	23" x 35"	VL2436WSKIT	VL2436TEMPKIT	---
*VL2464	24" x 64"	23" x 63"	VL2464WSKIT	VL2464TEMPKIT	---

*Shaded items are Non-Fire Rated.

See Lites & Louvers Intertek Certification for detailed information on Fire Ratings. Or visit: http://www.dksdoors.com/pdf/lites/litescertification_.pdf

How to order: VL ____ (W) ____ (H) ____ WS / TEMP / PPF (glass type) KIT

Example: VL 1212 WS KIT

Glazing Tape: Standard 1/16" x 3/8" applied to both sides of glass

Frame Finish: Standard Bronze

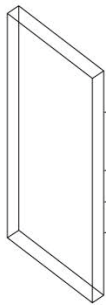
GLASS



GLASS REPLACEMENTS / ACCESSORIES

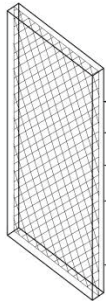
VISION LITE NARROW & STANDARD PROFILE, 1/4" & 3/16" GLASS THICKNESS

Glass sizes are measured 1" less than the cut out size



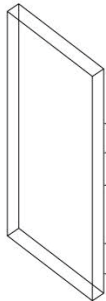
Tempered Glass

- Heat-treated clear safety glass that breaks into small particles
- Light Transmission: 86% approx
- Thickness: 1/4" (6 mm)
- Non-Fire Rated



SuperLite I-W Wired Glass

- Embedded 3/4" x 3/4" wire mesh
- Light Transmission: 86% approx
- Thickness: 1/4" (6 mm)
- Annealed single glazing with safety film applied to one side
- 20-90 Minute Fire Rating



PYRAN® Platinum F Glass

- Glass Ceramic
- Light Transmission: 80% approx
- Surface applied Heavy Duty Safety film
- Thickness: 3/16" (5 mm)
- 20-180 Minute Fire Rating

SIZE	ITEM NO / GLASS TYPES		
	WS(1/4")	TEMP (1/4")	PPF (3/16")
4" x 34"	WS434	TEMP434	PPF434
5" x 26"	WS526	TEMP526	PPF526
6" x 21"	WS621	TEMP621	PPF621
7" x 17"	WS717	---	---
7" x 29"	WS729	---	---
7" x 31"	WS731	TEMP731	---
7" x 35"	WS735	TEMP735	---
11" x 11"	WS1111	TEMP1111	PPF1111
23" x 23"	WS2323	TEMP2323	---
23" x 29"	WS2329	TEMP2329	PPF2329
23" x 31"	WS2331	TEMP2331	---
23" x 35"	WS2335	TEMP2335	---
23" x 63"	WS2363	TEMP2363	---

TEMP (Tempered Glass): Heat-strengthened glass and cannot be cut after manufacturing. Fire Rating: None. Clear wire free glass recommended for non fire rated applications. Use of glazing compound or glazing tape on both sides of glass is recommended to minimize breakage.
Size: Minimum 2" x 2", max sheet size: 88" x 118".

WS (Superlite I-W Wired Glass): 20 ga CRS (Cold Rolled Steel) beveled vision lite, 1/4" wired glass with film. Glass is UL labeled standard. Fire Rating: 20 minutes to 90 minutes. Install in fire listed and labeled vision frames. Use of glazing compound or glazing tape on both sides of glass is recommended to minimize breakage.
Size: Minimum 4" x 4", max rated size: 36" x 84".

PPF (PYRAN® Platinum F Glass): Glass is UL labeled standard. Fire Rating: 20 minute to 3 hours. Install in fire listed and labeled vision frames. Use of glazing compound or glazing tape on both sides of glass is recommended to minimize breakage.
Size: Minimum 4" x 6", max sheet size: 43" x 77".

LITES & LOUVERS COMPARISON CHART

DKS	O E	NE O T T	NT E	N T O N	E O
SVL	SLIMLINE	LO PRO	T4G	L-FRA100	LT-B1
VL	VLFEZ	BFL-123	784G	L-FRA100SP	---
10VL	VLF-EZ-IG	BFL-123-IS	XX84G	L-GLF100 TB	LT-SI
YLV	700A	FDLS	700AA	---	---
VLV	800A1	AFDL	8CY,4CY	L-700	LV-IY

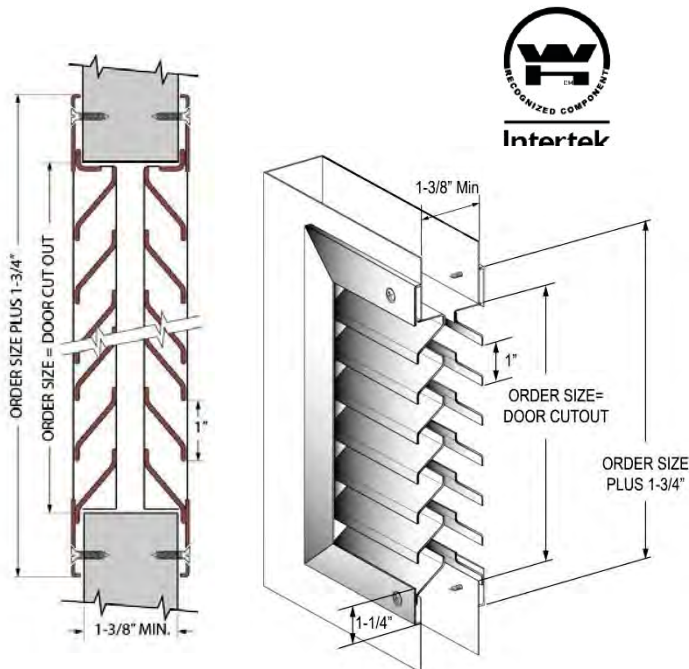
The data on this chart represents our judgement of which are more similar. Since no product is exactly alike, the information has been obtained from trade sources. It is not guaranteed nor represented that any specific product exactly equals any other product. Construction of this products may be different.

LABOR SERVICES	LITES	LOUVERS
Cut out only up to and including 24 x 24 inches	✓	✓
Cut out only up to and including 24 x 64 inches	✓	✓
Cut out and perimeter channel reinforcing, if necessary, up to and including 24 x 64 inches (add on)	✓	✓
Louver installation up to 24 x 24 inches		✓
Louver installation up to 26 x 64 inches		✓
Lite installation up to 24 x 34 inches	✓	
Lite installation up to 24 x 64 inches	✓	
Lite installation of glass up to 24 x 34 inches	✓	
Lite installation of glass up to 24 x 64 inches	✓	

LOUVERS

YLV, DIVIDED REVERSE "Y" BLADE LOUVERS

90 Minute Fire Rated Steel Louvers



- For use in Fire Rated door applications under positive and neutral pressure Intertek testing certification in compliance to NFPA 252 (2000), UL 10C (2009), NFPA 252 (2012), CSI CODE 089000 Louvers & Vents
- 18 Gauge cold rolled steel frame and blades
- Mitered welded corner frame construction
- Divided row "Y" blades spaced at 1" increments with blocked vision design
- Counter sunk mounting holes with screws for each side of the door
- Minimum door size thickness: 1-3/8"
- Baked on powder coat finish
- Color: Standard Bronze
- Fasteners: Phillips head screws #8 x 3/4"

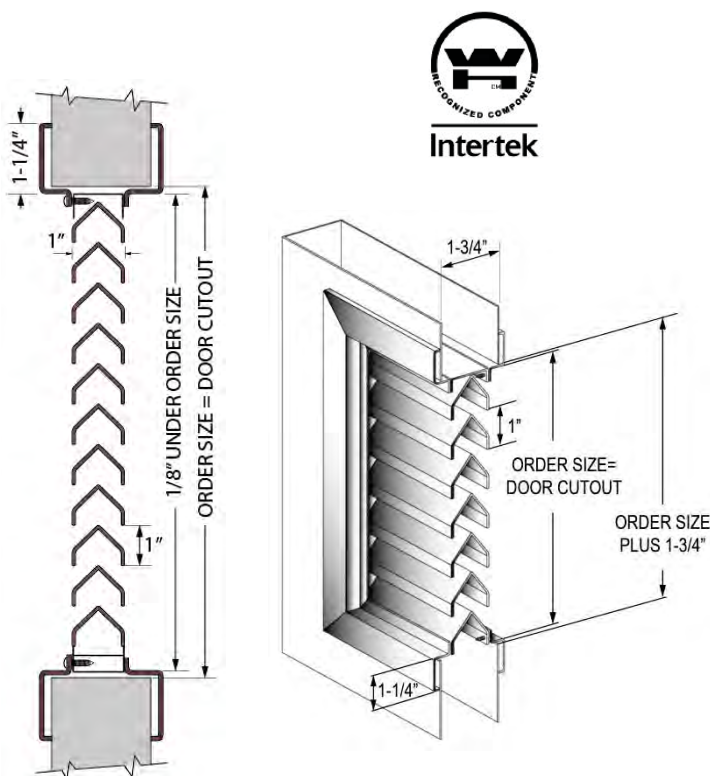
ITEM #	SIZES (DOOR CUTOUT)	PCS/CTN
YLV1212	12" x 12"	4
YLV1812	18" x 12"	2
YLV1818 *	18" x 18"	4
YLV2412	24" x 12"	2
YLV2424 *	24" x 24"	1

*Shaded Items are Non-Fire Rated.

See Lites & Louvers Intertek Certification for detailed information on Fire Ratings.
Or visit: <http://www.dksdoors.com/pdf/lites/louverscertification.pdf>

VLV, INVERTED Y-BLADE LOUVERS

90 Minute Fire Rated Steel Louvers



- For use in Fire Rated door applications under positive and neutral pressure Intertek testing certification in compliance to NFPA 252 (2000), UL 10C (2009), NFPA 252 (2012), CSI CODE 089000 Louvers & Vents
- 18 Gauge cold rolled steel frame and blades
- Mitered welded corner frame construction
- Reverse "Y" blades are frame supported at 1" increments, with blocked vision design
- Single side mounting for non corridor exposure with fastening screws included
- Designed for use with 1-3/4" doors only
- Baked on powder coat finish
- Color: Standard Bronze
- Fasteners: Phillips head screws #8 x 3/4"

ITEM #	SIZES (DOOR CUTOUT)	PCS/CTN
VLV1212	12" x 12"	4
VLV1218	12" x 18"	2
VLV1224	12" x 24"	2
VLV1812	18" x 12"	2
VLV1818 *	18" x 18"	2
VLV1824 *	18" x 24"	2
VLV1860 *	18" x 60"	2
VLV1864 *	18" x 64"	2
VLV2010	20" x 10"	2
VLV2412	24" x 12"	2
VLV2418 *	24" x 18"	2
VLV2424 *	24" x 24"	1
VLV2460 *	24" x 60"	2
VLV2464 *	24" x 64"	2

*Shaded Items are Non-Fire Rated.

See Lites & Louvers Intertek Certification for detailed information on Fire Ratings.
Or visit: <http://www.dksdoors.com/pdf/lites/louverscertification.pdf>

DKS

SERVICES



TABLE OF CONTENTS	
ITEM / DESCRIPTION	PAGE NO
DKS Door Services	45
DKS Frame Services	46

Additional Door Preparations

1.	Louver Cut Out
	A. Cut-Out up to 24" X 12" Larger Cut-Out (Cut-Out Only)
	B. Reinforce Cut-Out with Channel
2.	Modifications
	Aux Latch Prep for Exit Device
	Security Thru Bolt
	Roller Latch Prep
	Relocate Hinge (per Hinge)
	Prep for Concealed Vertical Rod
	Card Lock Prep
	Sectional Trim
	Rim Panic Prep
	Deadbolt Prep
	Lock Edge & Face Blank
	Flat Astragal Installed
	Lock Prep 2 1/8" Bore
	Roller Latch Prep
	Automatic Door Bottom
	Concealed Overhead Closer
	Convert MB to ASA
	Electric Hinge Prep
	FB Prep Top & Bottom
	Special Lock Location
	Door Undercut
	Mail Slot Cutout Only
	Peep Hole
	Retrofit Modifications (Per Hinge Cut-Out)
3.	Miscellaneous Items
	10' Channel
	Flat Astragal 6'8" ITEM# AST68
	Flat Astragal 7'0" ITEM# AST70
	Flat Astragal 8'0" ITEM# AST80
	Wrap Around Astragal 6'8" ITEM# Z AST68
	Wrap Around Astragal 7'0" LH ITEM# Z AST70L
	Wrap Around Astragal 7'0" RH ITEM# Z AST70R
	Wrap Around Astragal 8'0" LH ITEM# Z AST80L
	Wrap Around Astragal 8'0" RH ITEM# Z AST80R
	Invert Top Channel
	Convert to MB
	Blank Out Hinge Preps Only on Door
	Electric Raceway
	Vacant Raceway
	Prep Door With 5" Hinge
	Open Back Strike Prep
4.	Labels/ Mylar
	S Label
	20 Minute Label
	90 Minute Label
	45 Minute Label
	60 Minute Label
	Metal Fire Labels available upon request
5.	Factory Applied Finish Paint
	➤ Available on all doors. ➤ Minimum quantity 50 of same color.

Additional Frame Preparations

1. Assembled Welded Frames A. Single Opening B. Paired Opening C. Continuous Weld (add to above)	11. Concealed Overhead Stop
2. Anchors Welded In A. Wood/Steel Stud Single Frame (6) Paired Frame (8) Per Anchor Charge B. P&D On Frame (Includes Prep and Tube Anchor, Dynabolts or Wood Lags)	12. Concealed Closer
3. Flush Bolt Preparation on Header	13. SVR Head Prep
4. Special Width on Header	14. Aux Fire Latch
5. Closer Reinforcement Standard or Parallel Single Frame Paired Frame	15. Prep frame for Continuous Hinge
6. Blank Out Strike	16. Electric Hinge Prep (Per cut)
7. Rim Panic Prep (Reinforcement for Surface Mounted)	17. Jamb Undercut (Per side)
8. Deadbolt Prep on Frame	18. Electric Strike Prep
9. Convert Masonry to Drywall (Includes Drywall Compression Anchor with Screw and Retainer)	19. Relocate Hinge (Per hinge)
10. Mark and Bundle KD Frames (Per Frame)	20. Roller Latch Prep
	21. Concealed Vertical Rod Prep Head (each)
	22. EPT
	23. Ball Catch Prep on Head
	24. Ball Catch Prep
	25. Reinforcement for Door Coordinator (Single)
	26. Reinforcement for Door Coordinator (Pair)
	27. MAG Lock Reinforcement
	28. Reinforce Header for Removable Mullion
	29. Convert ASA Strike to T-Strike
	30. Prep Frame for Concealed Stiffeners

Additional Shop Services

➤ **Fabrication labor charges, windows, transom, and sidelites.**

Item #	Cut and Notch for Fabrication
MJPE	Miter Joint Per End
SMPE	Saw Miter Per End
NOJPE	Notch Joint Per End
BJOPE	Butt Joint Per End

➤ **Welding charge per joint or unit.**

Item #	Welding Charge Per Joint or Unit
LJ or TJ	L or T Type Joint
CROSSJ	Cross (+) Type Joint
4IS	4 Inch Sill
8IS	8 Inch Sill
AWI	Anchor Welded (each)
BANWI	Base Anchor Welded (each)

➤ **Factory applied paint finish.**

- 5000 Series Drywall Frames Only.
- Minimum quantity 50 of same color.

Metal Fire Labels Available upon request

DKS

ACCESSORIES

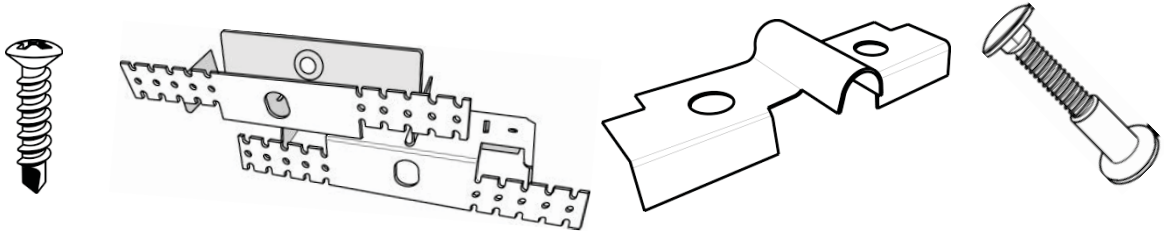


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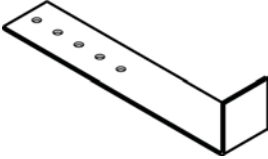
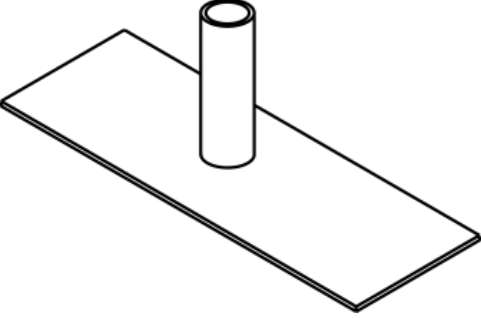
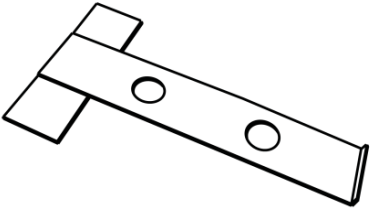
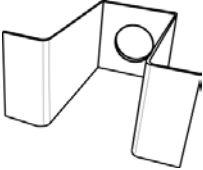
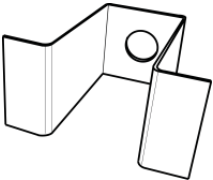
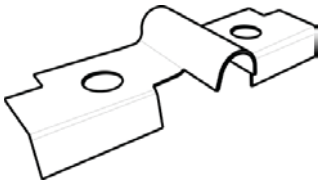
ILLUSTRATION	ITEM #	DESCRIPTION
ANCHORS		
	SAC-5	Strap Anchor Dimensions: 1"W x 1"H x 5"L Five $\frac{3}{16}$ " Nailing Holes Thickness: 18 Ga.
	MASONRY TUBE ANCHORS	Masonry Tube Anchor $\frac{3}{4}$ " EMT Tubing 2" Strap Width Thickness: 16 Ga. MAS575-4 for 5 $\frac{3}{4}$ " Unequal Rabbet MAS625-6 for 6 $\frac{1}{4}$ " Unequal Rabbet MAS675-3 for 6 $\frac{3}{4}$ " Unequal Rabbet MAS775-2 for 7 $\frac{3}{4}$ " Unequal Rabbet MAS825-5 for 8 $\frac{1}{4}$ " Unequal Rabbet MAS875-1 for 8 $\frac{3}{4}$ " Unequal Rabbet
	MASONRY T ANCHORS	Masonry Tee Anchor 1" Round Holes $\frac{1}{4}$ " Locking Flange Thickness: 16 Ga. TANC5581 for 5 $\frac{3}{4}$ " Frame TANC6584 for 6 $\frac{3}{4}$ " Frame TANC7583 for 7 $\frac{3}{4}$ " Frame TANC8582 for 8 $\frac{3}{4}$ " Frame
	EX-BOLT	Expansion Bolt Anchor 1" Dia. Hole
	EX-BOLT-58	Expansion Bolt Anchor $\frac{5}{8}$ " Dia. Hole
	EMA-634	Existing Masonry Anchor For 4 $\frac{3}{4}$ " – 6 $\frac{3}{4}$ " Frames Best for existing wall applications

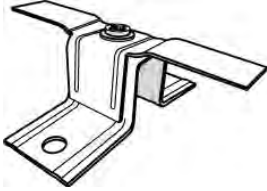
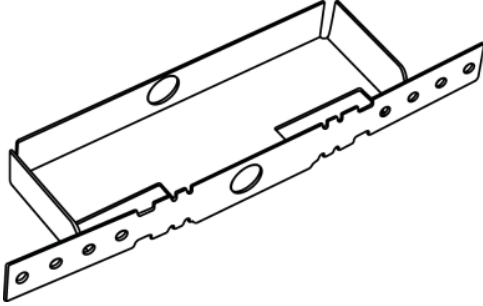
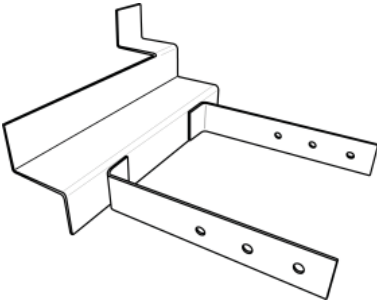
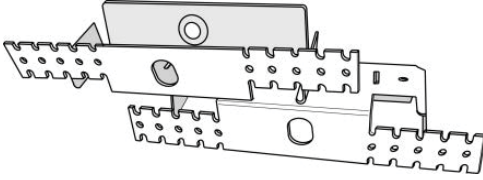
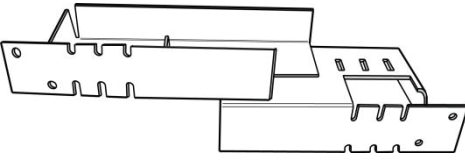
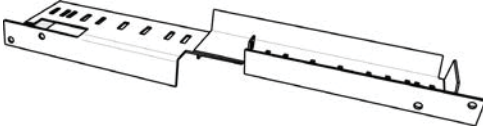
ILLUSTRATION	ITEM #	DESCRIPTION
	PRECLAM-8	Drywall Compression Anchor ¼" – 20 x 1" Machine Screw
	WS575 WS625 WS675 WS7125 WS775 WS825 WS875	Wood Stud Anchor Welded Type Thickness: 18 Ga. Wood Stud Anchor for 5 ¾" Frame Wood Stud Anchor for 6 ¾" Frame Wood Stud Anchor for 6 ¾" Frame Wood Stud Anchor for 7 ½" Frame Wood Stud Anchor for 7 ¾" Frame Wood Stud Anchor for 8 ¾" Frame Wood Stud Anchor for 8 ¾" Frame
	MPSA-15	Multi-Purpose Stud Anchor for Double Egress Frame Fits standard double egress sizes
	MPAA-10	Multi-Purpose Adjustable Anchor (2 per set) Can be used as a single 8 ¾" wood/metal stud or complete opening anchor
	HDADWA	Heavy Duty Adjustable Drywall Anchor (2 per set) Thickness: 18 Ga. Fits frame sizes 5 ¾" to 8 ¾"
	LADWA-11	Large Adjustable Drywall Anchor (2 per set) Thickness: 18 Ga. Fits frame 7" to 12" Anchor marked with different frame sizes

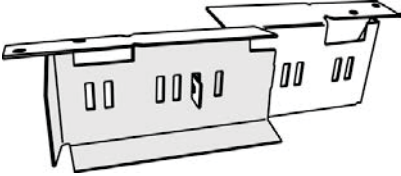
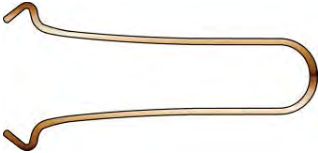
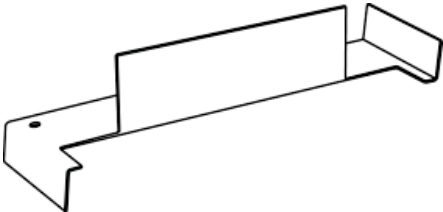
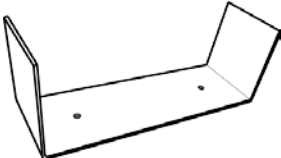
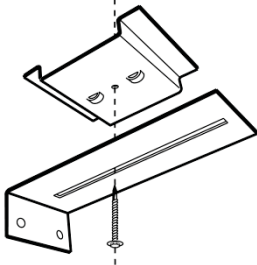
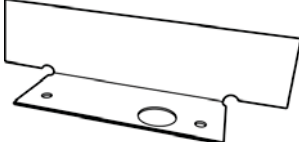
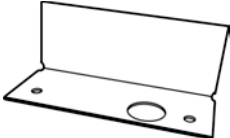
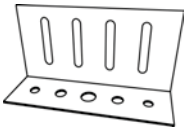
ILLUSTRATION	ITEM #	DESCRIPTION
	ADWA-12	Adjustable Drywall Anchors (2 per set) For 4 3/4" to 6 3/4" frames
	MAS01	Wire Masonry Anchor
	SS575 SS775 SS825	Steel Stud Anchor Welded Type Thickness: 18 Ga. Steel Stud for 5 3/4" Frame Steel Stud for 7 3/4" Frame Steel Stud for 8 3/4" Frame
	SFA-834	Sidelite Floor Anchor Fits frame sizes from 4 3/4" to 8 3/4"
	AFANC-22	Adjustable Floor Anchor Thickness: 16 Ga.
	FA-L	Large Floor Anchor Thickness: 18 Ga. For 7 3/4" to 9 3/4"
	FA-S	Small Floor Anchor Thickness: 18 Ga. For 4 3/4" to 6 3/4" Frames
	FA-HD	Heavy Duty Floor Anchor Dimensions: 5 1/4"W x 2 3/8"H

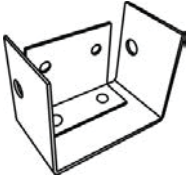
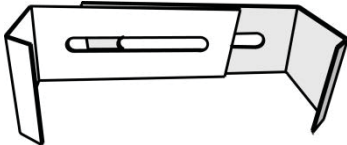
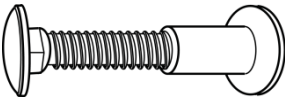
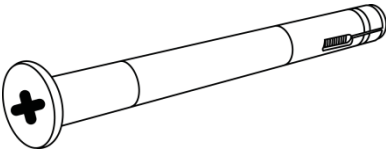
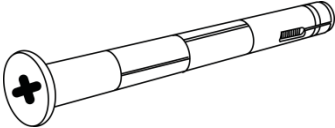
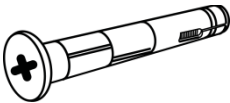
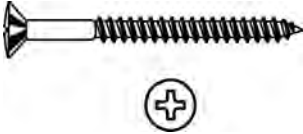
ILLUSTRATION	ITEM #	DESCRIPTION
	RMC-13	Removable Mullion Clip
	AMBA-14	Adjustable Mullion Base Anchor Fits frames from 4 3/4" to 8 3/4"
	TB-14	Thru-Bolt 1/4" Dia. For doors 1 3/4" or less. Best used for latch protectors, door savers, louvers, etc...
	DY-5	Stud Dynabolt Anchor 5" Long x 3/8" Dia.
	SBA-438	Stud Bolt Anchor 4" Long x 3/8" Dia.
	SBA-382	Stud Bolt Anchor 2" Long x 3/8" Dia.
	WSA-4	Wood Lag Screw 4" Long 3/8" Dia.
	WD-6	Wood Lag Screw 6" Long 3/8" Dia.
	PPB-16	3/4" Plastic Plug Button

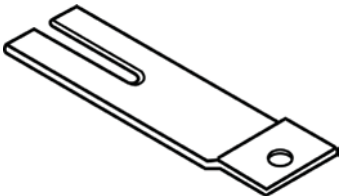
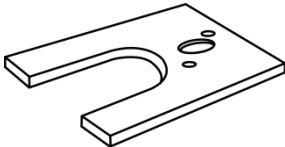
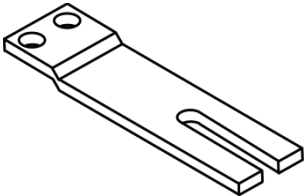
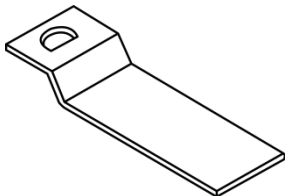
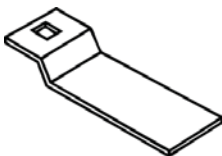
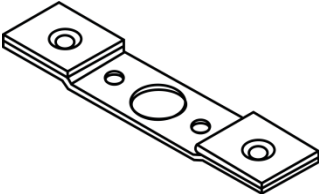
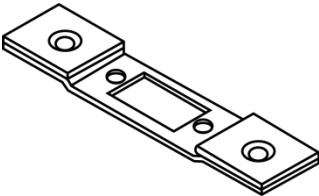
ILLUSTRATION	ITEM #	DESCRIPTION
HARDWARE REINFORCEMENT		
	ASATAB-7	4 7/8" Strike Reinforcement, Split Tail Can be used for FED 86 Dimensions: 1" x 2 1/2" Tab 3/32" Offset 12-24 Tap Thickness: 11 Ga.
	EDG-9	Exit Device Guide Dimensions: 1 3/8" x 2" 2 Holes 8-32 Tap Thickness: 10 Ga.
	FBTAB-6	Flush Bolt Tabs, Split Tail Dimensions: 1" x 2 1/2" 3/32" Offset 8-32 Tap 1/2" C/L for 1" Body Thickness: 11 Ga.
	FBGID-4	Flush Bolt Guide 5/16" Offset 1/2" D-Hole For Door Top & Bottom Thickness: 12 Ga.
	FBGIS-3	Flush Bolt Guide 5/16" Offset 1/2" Square-Hole For Door Top & Bottom Thickness: 12 Ga.
	MLCYL-3	Conversion Assembly Mortise Lock to Cylindrical Lock Dimensions: 1 1/4" x 8" 3/8" Off Center Face Plate: 1 1/8" x 2 1/4" Thickness: 12 Ga.
	MLASA-4	Conversion Assembly Mortise Lock to 4 7/8" Strike Dimensions: 1 1/4" x 8" 3/8" Off Center Face Plate: 1 1/8" x 2 1/4" Thickness: 12 Ga.

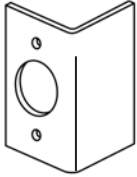
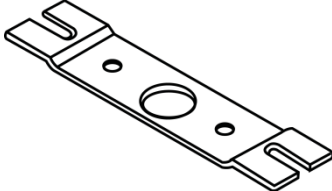
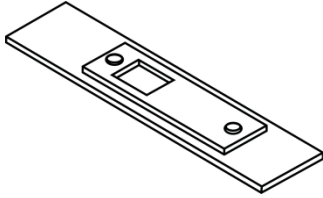
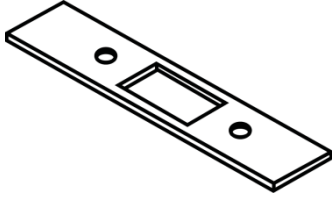
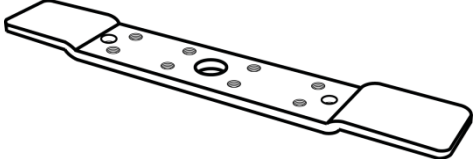
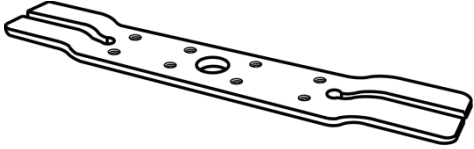
ILLUSTRATION	ITEM #	DESCRIPTION
	CFP-34	86 to ASA Conversion Filler Plate Converts 86 edge to ASA strike
	DBCONV-2	Dead Lock Reinforcement Plate for 1 3/4" Doors Dimensions: 2 3/16" x 1 3/8" x 1 9/16" Thickness: 14 Ga.
	DBLAT-1	Cylindrical Lock – Dead Lock, Split Tail Dimensions: 1 1/4" x 4 1/2", 3/32" offset 1" Hole, 8-32 Tap Thickness: 12 Ga.
	FLUSHSTRK-2	Reversible Flush Bolt Strike With Backing Plate Dimensions: 1 1/8" x 3 3/4", 3/32" Offset 8-32 Tap Thickness: 16 Ga.
	TSTRK-2	2 3/4" Strike Reinforcement (frame & door) Dimensions: 1" x 2 1/2" 7/8" x 1 1/4" Hole 8-32 Tap Thickness: 12 Ga.
	FRHR-1	4 1/2" Frame Hinge Reinforcement (Door/Frame) Use: For 4 1/2" hinges Dimensions: 3/16" x 1 1/4" x 8" Thickness: 10 Ga.
	DHRF-825	4 1/2" Door Hinge Reinforcement, Split Tail Use: For 4 1/2" hinges Dimensions: 3/16" x 1 1/4" x 8" Thickness: 10 Ga.

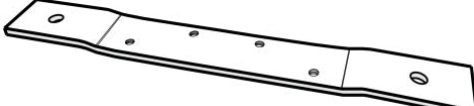
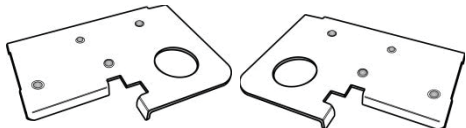
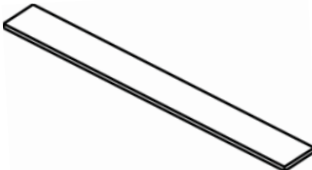
ILLUSTRATION	ITEM #	DESCRIPTION
	HSADJ-516	Slotted screws for non-handed adjustment on hinge reinforcement Size: 12-24 Thread Length: 5/16" Qty: 1 pc
	HR-U	Universal Hinge Reinforcement For both doors and frames Use: For 4 1/2" hinges Dimensions: 1 1/4" x 8 3/4" Thickness: 10 Ga.
	HR-HD50	Heavy Duty Hinge Reinforcement Use: For 5" hinges Dimensions: 1 1/4" x 10" Thickness: 7 Ga.
	HR-HD45	Heavy Duty Hinge Reinforcement Use: For 4 1/2" hinges Dimensions: 1 1/4" x 10" Thickness: 7 Ga.
	DHR-29	Convertible Hi-Frequency Door Hinge Reinforcement To be used for both doors and frames Use: For 4 1/2" hinges Dimensions: 1 1/4" x 8 3/4" Thickness: 10 Ga.
	CBRKT-26	Corner Bracket Frames
	C-BRKTL (Left) C-BRKTR (Right)	Handed Corner Bracket/Frame For LH or RH
	CRO1	Closer Reinforcement Dimensions: 1 3/4" x 16" Thickness: 12 Ga.

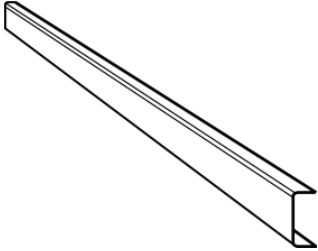
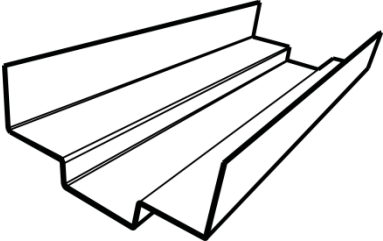
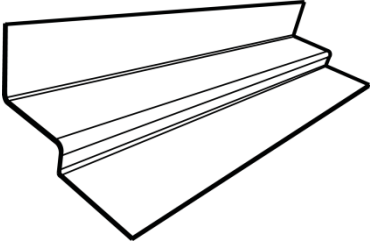
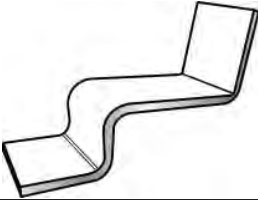
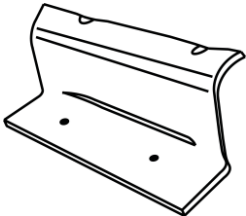
ILLUSTRATION	ITEM #	DESCRIPTION
	DC-10	C Channel Door / Framing channel for reinforcing steel doors in listed glass frame Sold in lengths of 10' and can be cut to size Dimensions: 1 3/4" x 3/4" x 10' Thickness: 0.053 in. (16 gauge)
	CRFP-30	Full Profile Closer Reinforcement 14" Long for 5 3/4" frame depth
	CRHP-31	Half Profile Closer Reinforcement for unequal rabbet 14" long
	RCLIP-32	Reinforcing Clip High frequency clip
	MCLIP-33	Mounting Clip For transom panel
	M-BRKT	Mullion Bracket

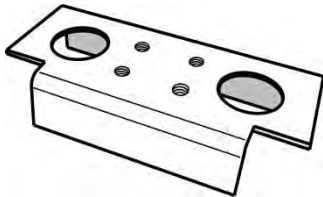
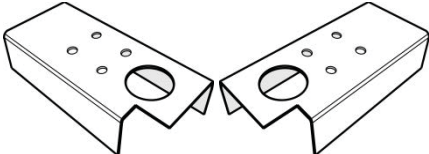
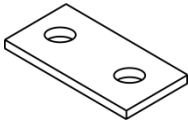
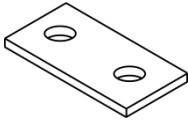
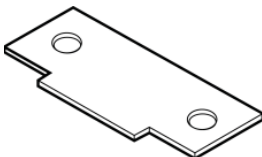
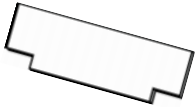
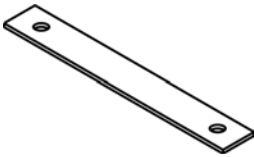
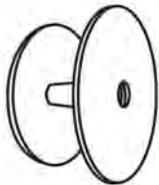
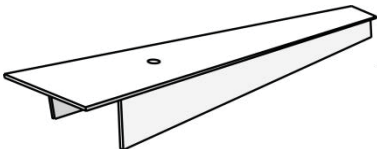
ILLUSTRATION	ITEM #	DESCRIPTION
	FBDG-LR	Flush Bolt Door Guide (Reversible) 4 x 8-32 Thread
	FBDG-LH (Left) FBDG-RH (Right)	Handed Flush Bolt Door Guide 4 x 8-32 Thread
FILLER PLATES		
	LFF	161 Cylindrical Lock Edge Filler Machined C.S. Holes Use: For Doors Dimensions: 1 5/8" x 2 1/4" Thickness: 11 Ga.
	DBFIL-5	Deadlock Edge Filler Machined C.S. Holes Use: For Frames Dimensions: 1 5/8" x 2 1/4" Thickness: 10 Ga.
	SF	Strike Filler Use: For Frames Dimensions: 1 1/4" x 4 7/8" 1 5/8" at Lip Thickness: 11 Ga.
	ASA-FP	ASA Blank Filler Plate Use: For Frames Dimensions: 1 1/4" x 4 7/8"
	MLF86-1	86 Mortise Lock Edge Filler Machined C.S. Holes Use: For Doors Dimensions: 1 1/4" x 8" Thickness: 16 Ga.
	HB-FP	Hinge Blank Filler Plate Use: For Doors 4 1/2" hinges
	HFPLT	Hinge Filler Plate Use: For Doors and Frames 4 1/2" hinges

ILLUSTRATION	ITEM #	DESCRIPTION
	161CP	Cylindrical Lock Cover Plate Used for covering 2 1/8" diameter 161 hole
	CLFC-78	Cylindrical Lock Face Cover Thickness: 18 Ga.
	T-CAP-36 T-CAP-120	Screw-In Steel Top Cap Dimensions: 1 3/4"W x 1 5/8"H x 35 3/4"L Thickness: 20 Ga. Dimensions: 1 3/4"W x 1 5/8"H x 120"L Can be cut to desired length. Specify length on order. Any fraction of a foot is considered a foot.

BOX RECEPTACLES

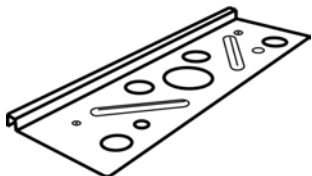
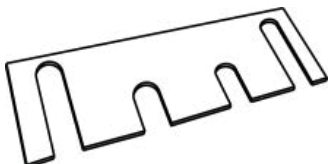
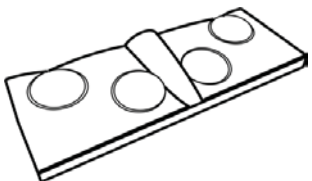
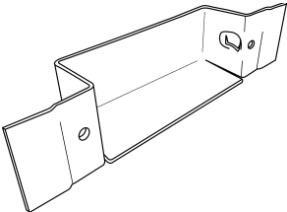
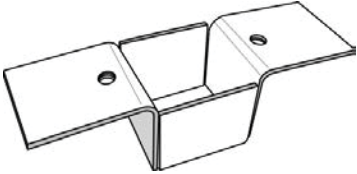
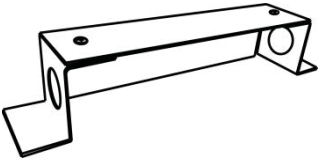
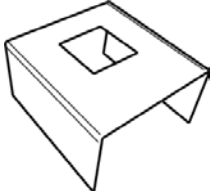
	HINGE SHIM-94	4 1/2" Hinge Shim Reversible
	HSHIMS-B	Hinge Shims Thickness: 16 Ga. For 4 1/2" template butts
	FHRPC-27	Frame Hinge Reinforcement Plate Cover
	DMB-28	Dust Mortar Box For 4 1/2" hinge reinforcement

ILLUSTRATION	ITEM #	DESCRIPTION
	DBOX-638	Dust Box Dimensions (Inner Box): Length: 3 $\frac{5}{8}$ " Width: 1 $\frac{3}{8}$ " Height: 1 $\frac{3}{16}$ " Total Length: 6 $\frac{3}{8}$ " 14 Gauge
	FBSBOX-36	Flush Bolt Strike Box
	EMB-24	Electric Mortar Box Standard 7" Steel
	AFB-CAP	Automatic Flushbolt Cap

SCREWS

	KPS-17	Kick Plate Screw Length: $\frac{1}{4}$ " Head: Phillips, Oval head Type: Metal Screw Finish: US26D
	ST-610	#6 TEK 1" Self-Tapping Screw Length: 1" Head: Phillips, Oval head Type: Self-Drilling, Self-Tapping Finish: US26D
	ST8-114	#8 TEK 1 $\frac{1}{4}$ " Self-Tapping Screw Length: 1 $\frac{1}{4}$ " Head: Phillips, Oval head Type: Self-Drilling, Self-Tapping Finish: US26D

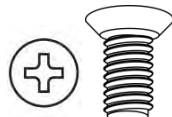
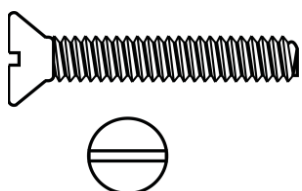
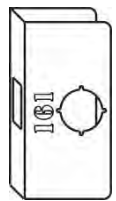
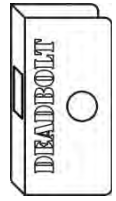
ILLUSTRATION	ITEM #	DESCRIPTION
	ST-615	#6 TEK 1/2" Self-Tapping Screw Length: 1/2" Head: Phillips, Oval head Type: Self-Drilling, Self-Tapping Finish: US26D
	MS-832	8/32 Machine Screw Length: 8-32 Thread Head: Phillips, Undercut – Flat head Type: Machine screw Finish: US26D
	ST-MS1224	12-24 TEK Screw Length: 12-24 Thread Head: Phillips, Undercut – Flat head Finish: US26D
	MS2FH	Machine Screw 2" Flat Head Length: 2", 1/4" Thread Head: Flat head Type: Machine screw Finish: US26D
MISCELLANEOUS		
	DORT-161	161 Door Template Create a quick and precise 2 1/8" bore and latch prep using this template
	DORT-DB	Door Deadbolt Template Create a quick and precise 1 1/2" bore and latch prep using this template

ILLUSTRATION	ITEM #	DESCRIPTION
	DORT-ASA	Door ASA Template Create a quick and precise 4 7/8" ASA cut-out on a door using this template
	DORT-FBLT	Door Flush Bolt Template Create a quick and precise 1" x 6 3/4" flush bolt cut-out on an inactive door using this template
	DORT-86	86 Edge Template Create a quick and precise 8" mortise lock cut-out on a door using this template
	FRMT-ASA	Frame ASA Template Create a quick and precise ASA cut-out on a frame using this template
	FRMT-DB	Frame Deadbolt Template Create a quick and precise deadbolt cut-out on a frame using this template
	FRMT-FBLT	Frame Flush Bolt Template Used to make accurate flush bolt cut- outs on a frame

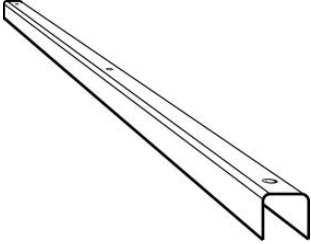
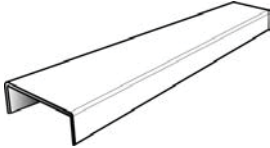
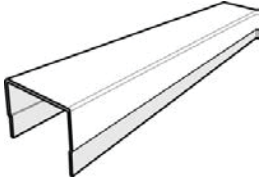
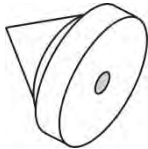
ILLUSTRATION	ITEM #	DESCRIPTION
	HT412	Hinge Template 4 1/2" Create a quick and precise 4 1/2" hinge cut-out on a frame using this template
	GS-22	Glass Stop Holes drilled at 7" centers Dimensions: 5/8" x 5/8" x 10" Packed with TEK screws
	SCC-19	Steel Capping Channel Dimensions: 1 3/4" W x 1 3/8" H x 36" L Thickness: 18 Ga.
	DREXT-18	Door Extender Dimensions: 1 3/4" W x 1 3/8" H x 36" L Thickness: 16 Ga.
	SB36 SB48 SB72	Spreader Bar Thickness: 16 Ga. Dimensions: 3/4" W x 3/4" H x 36" L Dimensions: 3/4" W x 3/4" H x 48" L Dimensions: 3/4" W x 3/4" H x 72" L
	DSM21	Door Silencer Dimensions: 1/2" Dia. x 1 11/16" Length Use: For Metal Frames

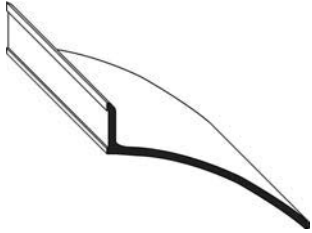
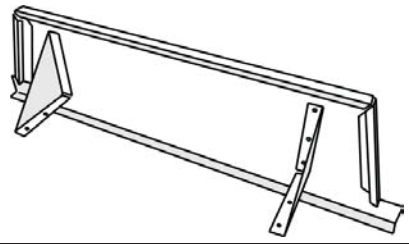
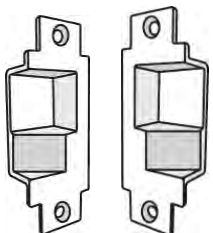
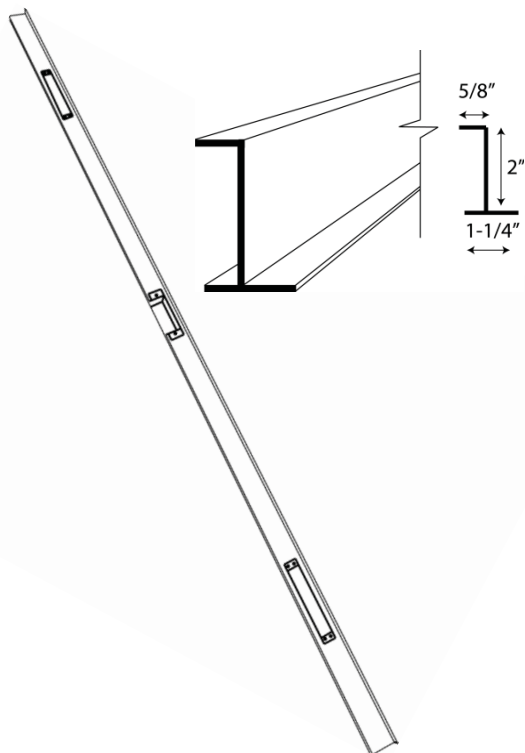
ILLUSTRATION	ITEM #	DESCRIPTION
	CR44640	Door Frame Drip Cap Length: 40" Thickness: 18 Ga. Finish: Mill Aluminum Finish
	DDS-21	Dutch Door Shelf
	OBSTRK-LH (left hand) OBSTRK-RH (right hand)	Handed Open Back Strike Finish: US32D
	SPCAN-82	Prime Coat Spray Can

ILLUSTRATION	ITEM #	DESCRIPTION
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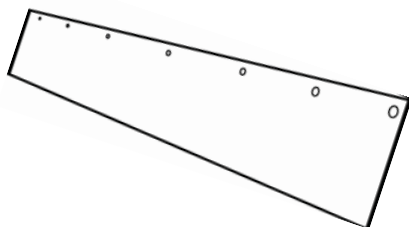
ASTRAGALS



ZAST68
ZAST70L
ZAST70R
ZAST80L
ZAST80R
ZAST68 CE
ZAST68 CU
ZAST68 REP
ZAST70L CE
ZAST70R CE
ZAST70L CU
ZAST70R CU
ZAST70L REP
ZAST70R REP

Wrap-around Astragal
 Length: 6'8", 7'0" and 8'0"
 Thickness: 16 Ga.

6'8" Non-Handed
 7'0" Left Hand
 7'0" Right Hand
 8'0" Left Hand
 8'0" Right Hand
 6'8" CECO location
 6'8" CURRIES location
 6'8" REPUBLIC location
 7'0" Left Hand CECO location
 7'0" Right Hand CECO location
 7'0" Left Hand CURRIES location
 7'0" Right Hand CURRIES location
 7'0" Left Hand REPUBLIC location
 7'0" Right Hand REPUBLIC location



AST68
AST70
AST80

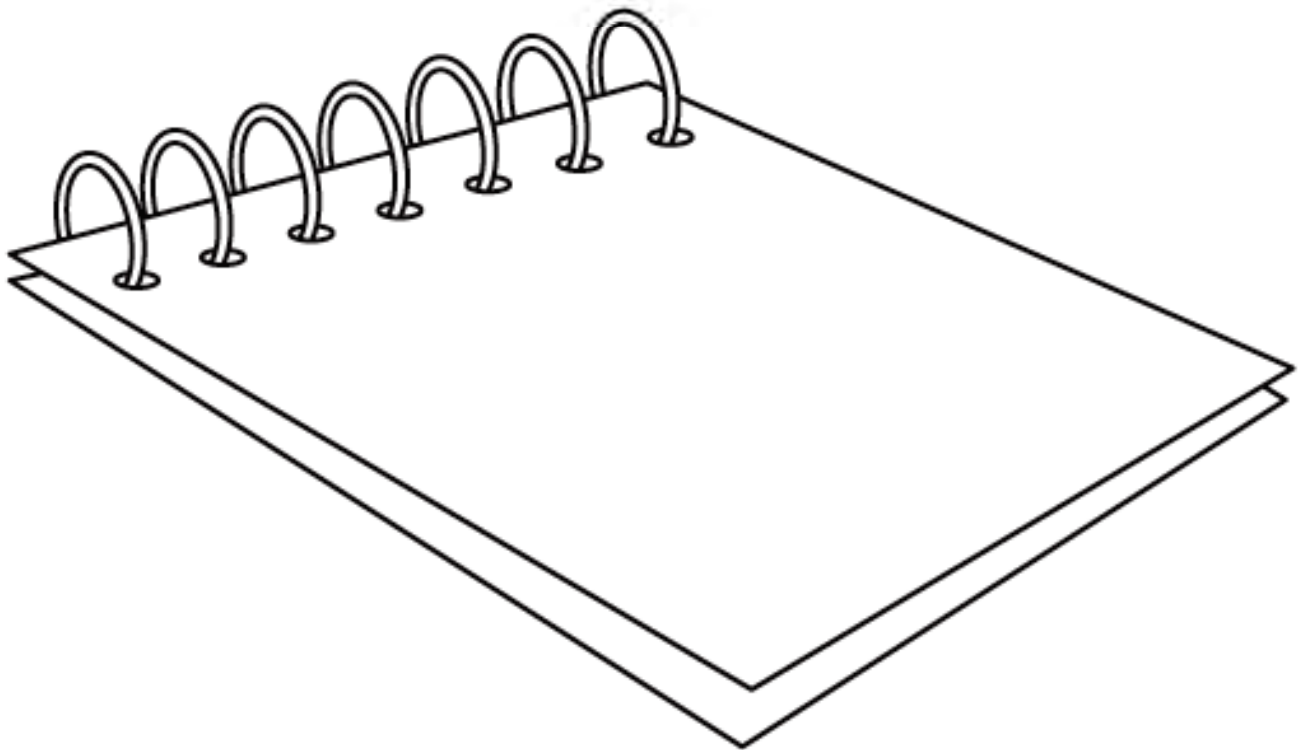
Flat Astragal
 Dimensions: 1/8" thick x 2" wide

6'8"
 7'0"
 8'0"

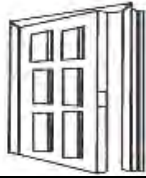
DKS

MANUFACTURING

SPECIFICATIONS



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DKS
Steel Door & Frame System, Inc.

2142 Tubeway Avenue
Commerce, California 90040
Tel: (323) 888-7763
Fax: (323) 888-0063

DKS Customers
Interested Parties
State and Local Authorities

Subject: DKS Steel Door and Frames Systems, Inc., ITS / Warnock Hersey Procedural Specification, Certification, and Inspection.

All DKS products are built to specification under Intertek / Warnock Hersey procedural report and manufacturing standard No. 3053378 and as amended November 29, 2004 and June 30, 2006. Materials comply to UL 10 (b) and (c), UBC 7-2 (1997) Part 1, NFPA 252, CAN/ULC S104, ASTM E2074-00 and is in compliance with ANSI 250.4 and ANSI 250.8.

DKS product meets or exceeds all SDI standards and is an affiliate member in good standing of HMMA (Hollow Metal Manufacturers Association) Division of NAAMM (National Association of Architectural Metal Manufacturers).

DKS products are certified by the WHI mark including: Positive pressure (S) Smoke, and 20 minute to 3 hour fire ratings up to a maximum size of 8'0 X 8'0 in pair applications @ 3 hours with polystyrene or honeycomb cores. Available gauges are 16, 18, and 20 gauge cold rolled or A40 hot dipped galvanized materials. The complete list of products and shop services are available from our Commerce, California Warehouse and Distribution facility.

Attached is our "Door Installation" usage guide for all category type "A" doors.

Thank You,

DKS Steel Door and Frame Products, Inc.
2142 Tubeway Avenue
Commerce, California 90040-1614

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DKS STEEL DOORS CATEGORY A

INTERTEK TESTING SERVICES LISTING REPORT NO. 3053378

DKS STEEL DOOR AND FRAME SYSTEMS, INC.

DOOR INSTALLATION INSTRUCTIONS

Doors described in this procedure meet the requirements for both positive and neutral pressure fire tests, ULI10 (c), UBC 7-2 (1997) PART 1, NFPA 252, ASTM EO274-00.

This includes the DKS Series 6000, 9000, 1000, 1100, 1200, 1300, 1400, 1600, 1700, 1800, 1900 and 2000 Series doors as published. These doors are category "A" doors (no additional edge sealing system is required).

This category includes doors which do not require the use of special frames (category C) or add on edge seal systems (category G) to meet positive pressure fire test requirements.

All assemblies are identified by a label or marking bearing the wording "Listed Product", a time interval temperature rise (if applicable), a serial number, and the Warnock Hersey certification mark.

Complete statements of positive pressure, smoke and draft control, temperature rise, fire exit hardware application and manufacturing are available in detail in Intertek Testing/Warnock Hersey report no. 3053378.

DKS Steel Door and Frames Systems, Inc.
2142 Tubeway Avenue
Commerce, California 90040-1614
Ph: 323-888-7763



Issued November 29, 2004. Amended additions March 7, 2006

PRODUCT DESCRIPTION

Product Covered:

DKS 1/3 - 3 Hour Steel-Stiffened Steel Fire Doors PP Model 1300

Product Description:

CATEGORY A DOORS-NO ADDITIONAL EDGE-SEALING REQUIRED

Hollow Metal (12, 14, 16, 18, 20 gauge) Vertical Stiffened, Swinging Flush Design Fire Door for installation singly or pairs, including double egress in 1/3 Hour to 3 Hour locations. For use in listed (3-sided) 16 gauge welded steel frames meeting ANSI-A155.1/UL-63 or as per manufacturer's listings.

Limitations

Mortise or Cylindrical Latches with up to 5" Backset/Surface or Concealed Vertical Rod, including Top Rod Only/Rim Fire Exit Hardware/Viewers/Surface Mounted Closers/Concealed Closer Arms/Surface Bolts/Surface Mounted Protection Plates/Viewer/Louver/Surface Mounted or Mortised Door Bottoms/Vision Light Kit – Maximum 1296 sq.in. for 20/45 minute (or maximum tested by manufacture of glass) maximum tested by manufacture of glass for 60 minute to 3 hour. Astragal for Pairs and Double Egress Pairs is optional. Temperature Rise greater than 650°F @ 30 minutes.

Configuration	Maximum Size*
Single	4'0" wide x 10'0" high
Pairs	8'0" wide x 10'0" high
Double Egress	8'0" wide x 10'0" high

*See manufacturer's installation instructions for additional information on Smoke and Draft Control, size restrictions and limitations.

These doors are eligible for use in any "Category C – Standard" frame. These doors may also be installed in frames listed in "Category C – Proprietary" in accordance with the frame manufacturer's individual listing.

All doors listed in Category A are eligible to bear the  (for Smoke & Draft Control assemblies) if a listed "Category H – Smoke & Draft Control Gasket" has been applied to the assembly. Please refer to Category H for individual gasket manufacturer's listings.

All doors in this category are identified by a label or marking bearing the wording, "Listed Fire Door", a time interval, a temperature rise rating, a serial number and the Warnock Hersey Certification Mark and "UBC-7-2-97/UL 10C".

Attribute	Value
Architecture Code	08100 Metal Doors and Frames
Architecture Subcode	08110 Metal Doors
Authorized by Office	Middleton Regional Certification Center
Certification Services	Certification
Client Number	31931
Criteria	UL 10(c) (1998)
Criteria	UBC 7-2 (1997)
Criteria	NFPA 252 (1999)
Criteria	CAN 4-S104 (1985)
Fire Resistance	60 Min PP Category A Door
Fire Resistance	3 Hour PP Category A Door
Fire Resistance	90 Min PP Category A Door
Fire Resistance	45 Min PP Category A Door
Fire Resistance	20 Min w/Hose Positive Pressure
Intertek Evaluation Center	Middleton, WI 53562
Listed or Inspected	LISTED
Program	WHI Certification
Report Number	3079045

MANUFACTURING INFORMATION

APPLICATION

Category A doors constructed as described in this procedure meet the requirements for both positive and neutral pressure fire tests, UBC 7-2 (1997), UL 10C (1998), NFPA 252 (1999), ASTM E2074 (2000), and CAN S104 (1985) including the hose stream.

Doors labeled for positive pressure applications must include installation instructions to be furnished by the door labeler. Unless otherwise noted in the door's installation instructions all intumescent materials and smoke/draft control gasketing used in the assembly are to be installed per their respective manufacturer's instructions.

These non-temperature rise doors have been fire tested at positive pressure in accordance with UBC 7-2 (1997). Unexposed temperature rise is greater than 6500 in 30 minutes.

SIZE

TYPE	Max Width	Max Height	Max Thickness
Single Swing	4'0"	10'0"	1 ¾"
Standard Pair	8'0" (4'0" Per Leaf)	10'0"	1 ¾"
Double Egress	8'0" (4'0" per Leaf)	10'0"	1 ¾"

FACES

- 20 gauge (0.032"), 18 gauge (0.042") 16 gauge (0.053")
- 14 gauge (0.067") and 12 gauge (0.093")

CORE

- Fiberglass insulation 1.5 lb. cu/ft, 1 5/8" thick, filling cavities, except those necessary for concealed hardware.

STIFFENERS

- 22 gauge vertical hat or half hat shaped stiffeners, full-length of the door, not exceeding 6" O.C. 7½" maximum from either hinge or latch edge. Spot welded 2 ¼" in. from each end and then approximately 4" O.C. full length.
- Stiffeners may be shortened to accommodate closer reinforcement and mortise hardware.

TOP AND BOTTOM CHANNELS

16 gauge (0.053") full depth and width of door spot welded to door faces approximately 4" O.C.

Additional channels may be placed in the top and bottom channels for moisture barrier. May be caulked with silicone.

HINGE REINFORCEMENT

10" long x 1¼" wide x 7 gauge. Spot or tack welded.

LOCK REINFORCEMENTS

Standard

Lock: 2 reinforcements positioned to accommodate lock assembly 2 ½" in length X 1 ⅛" in width X 12 gauge spot or tack welded.

Alternate

Lock: Reinforcement positioned to accommodate lock assembly. 14 gauge extruded to 12 gauge spot or tack welded.

STRIKE REINFORCEMENTS

Standard

2 reinforcements positioned to accommodate strike 2 ½" in length X 1 ⅛" in width X 12 gauge spot or tack welded.

Alternate

Reinforcement positioned to accommodate lock assembly. 14 gauge extruded to 12 gauge stop or tack welded.

CLOSER REINFORCEMENTS

Reinforcement positioned to accommodate closer. Minimum 14 gauge X 4" X 16" minimum.

FLUSH BOLT REINFORCEMENTS

Standard

2 reinforcements positioned to accommodate flush bolt assembly. 2 ½" in length X 1 ⅛" in width X 12 gauge spot or tack welded.

Alternate

Reinforcement positioned to accommodate flush bolt assembly. 14 gauge extruded to 12 gauge spot or tack welded.

HARDWARE

Latches

All latching devices used must be listed for use in positive pressure tested steel faced doors.

Cylindrical locks with a maximum 5" backset.

Mortise latches.

Rim and Concealed or Surface mounted vertical rod fire exit devices.

NOTE:

All doors provided with reinforcements for fire exit hardware must have a second label attached stating "Fire Door to be Equipped with Fire Exit Hardware".

MINIMUM LATCH BOLT THROW

Single Swing Door

42" wide X 86" high or less, minimum $\frac{1}{2}$ bolt throw.

Doors exceeding 42" wide X 86" high, minimum $\frac{3}{4}$ " latch throw.

Pairs

All doors swinging in pairs or double egress pairs, minimum $\frac{3}{4}$ " latch throw.

Note

All door labels must identify the minimum latch bolt throw.

HINGES

Only listed fire rated mortised, surface applied or continuous hinges can be used, similar to Cal-Royal, McKinney, Dorma or Rixon.

BOLTS

Only listed fire rated mortised or surface applied bolts can be used.

CLOSERS

Only listed fire rated surface applied or mortised closers may be used.

OTHER HARDWARE

Any other listed fire rated hardware that has been tested and approved for hollow metal doors may be mounted into these doors.

ASTRAGALS

An astragal is not required on pairs of doors or double egress pairs up to and including 3 hour fire doors. Astragals can be applied or integral.

VISION LIGHT KIT

Factory installed Glass Molding.

Any listed fire rated vision light kits that are positive pressure tested and labeled such as Anemostat or Air Louvers may be used.

MAXIMUM CLEAR VIEW GLASS SIZE

20 minute and 45 minute ratings – 54" x 54" not exceeding 1296 square inches or maximum tested by glass manufacturer.

1 $\frac{1}{2}$ hour – 100 square inches maximum

Minimum stiles and top rail is 6" and minimum bottom rail is 10" at 20 minutes, 45 minutes, 1 and 1 $\frac{1}{2}$ hour rating.

The light cut-out shall be reinforced around the perimeter with minimum 18 gauge steel channels.

Multiple openings are allowed when the sum of the areas do not exceed the tested area.

LOUVERS

Only listed fire rated louvers with fusible links shall be used. Maximum size allowed is 24" x 24" in lower ½ of door.

The louver cut-out shall be reinforced around the perimeter with minimum 18 gauge steel channels.

VIEWERS

Listed viewers with maximum bore diameter of 1" or less allowed.

AUTOMATIC DOOR BOTTOMS

Listed surface or mortise automatic door bottoms allowed.

PROTECTIVE PLATES

Maximum 16 ga. steel armored plates may be added to the door. The maximum size is 36" wide and 46" high.

INSTALLATION INSTRUCTIONS

Installation instructions shall be packaged with each door shipped or may be included in the submittal process.

CERTIFICATION LABEL

Fire-rated Door, the Warnock Hersey ® certification label may be applied within the top 1/3 of hinge edge. The certification label shall be applied with rivet screw-type or mylar label.

Exception: When a continuous type hinge is applied to the door, the WH certification label shall be attached to the top of the Door.

REQUIRED ITEMS:

- Warnock Hersey Certification Mark ® with Country Identifiers
- The word "LISTED"
- The product category "FIRE-RATED DOOR"
- Fire Protection Rating
- Temperature Rise exceed 650 in 30 minutes
- Serial Number
- Control Number or Listee's Name
- The words "DO NOT REMOVE OR COVER THIS LABEL"
- The words "SEE INSTALLATION INSTRUCTIONS"

OTHER ITEMS:

- POSITIVE PRESSURE statement:

If the door is to be labeled for positive pressure, the following is required.

Required: The words "MEETS UBC 7-2-97 / UL 10C" or "MEETS UBC7-2-97" or "MEETS UL 10C"

Identify: "CAT. A" or "CAT. B"

Optional: "POSITIVE PRESSURE"

- SMOKE AND DRAFT CONTROL statement:

Required: The label shall provide the required positive pressure statements (see positive pressure requirements above).

The S mark: The words "SMOKE AND DRAFT CONTROL RATING REQUIRE A LISTED GASKET."

Optional: The words "SMOKE LEAKAGE < 3 cfm/ft² per UL 1784"



PRODUCT DESCRIPTION

Product Covered:

DKS Series 1000, 1100,1200, 1600, 1700, 1800, 1900 3-Hour Polystyrene Core Steel Fire Door

Product Description:

FIRE DOORS – POSITIVE PRESSURE CATEGORY A NO ADDITIONAL EDGE-SEALING SYSTEM REQUIRED

PRODUCT COVERED

Series 1000, 1100,1200,1600, 1700, 1800, 1900 Fire Door

PRODUCT DESCRIPTION

Foam Filled Steel Fire Doors for installation Singly or in Pairs in 3 hour positive pressure assemblies, with temperature rise greater than 650°F at 30 minutes.

Limitations

Maximum Sizes

Single Swing

45 mm (1.75 inches) Minimum Thickness

1208 mm (48 inches) Maximum Width

2416 mm (96 inches) Maximum Height

Pairs

45 mm (1.75 inches) Minimum Thickness

2416 mm (96 inches) (each leaf:1208 mm (48 inches)) Maximum Width

2416 mm (96 inches) Maximum Height

Vision Panels maximum 1296 sq. inches for 20 and 45 minute locations; 100 sq inches for 60 and 90 Minute locations. Glazing kit for light kits requires use of minimum 18 ga. Steel channel reinforcement attached to both faces around the vision panel cutout.

Evaluated to the following...

This category includes doors evaluated without an edge-sealing system between the door and the frame. It also includes doors evaluated with a sealing system incorporated (concealed or visible) into the edge of the door by the licensed manufacturer or machining distributor.

Meeting edges of pairs may require an astragal or an edge-sealing system. Please refer to individual door listings.

These doors are eligible for use in any “Category C – Standard” frame. These doors may also be installed in frames listed in “Category C – Proprietary” in accordance with the frame manufacturer’s individual listing.

All doors listed in Category A are eligible to bear the **(S)** (for Smoke & Draft Control assemblies) if a listed “Category H – Smoke & Draft Control Gasket” has been applied to the assembly. Please refer to Category H for individual gasket manufacturer’s listings.

All doors in this category are identified by a label or marking bearing the wording, “Listed Fire Door”, a time interval, a temperature rise rating, a serial number and the Warnock Hersey Certification Mark and “UBC-7-2-97/UL 10C”.

<u>Attribute</u>	<u>Value</u>
Architecture Code	08100 Metal Doors and Frames
Fire Resistance	3 Hour Neutral Pressure
Fire Resistance	3 Hour PP Category A Door
Swing	Single Swing
Swing	Standard Pairs
Listed or Inspected	LISTED
Report Number	3053378 & 3071125
Criteria	ASTM E152-81a
Criteria	UL 10(c) (1998)
Criteria	UBC 7-2 (1997)
Criteria	UBC 7-2 (1994)
Criteria	UL 10(b) (1997)
Criteria	ASTM E2074 (2000)
Criteria	NFPA 252 (2003)
Criteria	CAN / ULC S104 1980 R1985
Temperature Rise	@ 30 Min > 650°F
Intertek Services	Certification

MANUFACTURING INFORMATION

APPLICATION

Doors constructed as described in this procedure meet the requirements for both positive and neutral pressure fire tests, UL 10(c) (1988), UL 10(b) (1997), UBC 7-2 (1997) Part 1, UBC 7-2 (1994), NFPA 252 (2003), ASTM E2074 (2000), ASTM E152-81a, and CAN/ULC-S104 1980 R1985.

These doors are Category “A” doors (no additional edge sealing system is required).

Doors labeled for positive pressure applications must include installation instructions to be furnished by the door labeler. Unless otherwise noted in the door’s installation instructions all intumescent materials and smoke/draft control gasketing used in the assembly are to be installed per their respective manufacturer’s instructions.

SIZE LIMITATIONS

Single Swing	48” wide by 96” high
Pair	96” wide by 96” high
Minimum Thickness	1 ¾” ± 1/16”

COMPONENTS

CORE(S)

Polystyrene foam core with a density of 13.3 kg/m^3 (0.83 pounds per cubic foot) (See diagrams)

Material: 1.0 pcf nominal density of EPS foam slab

Polystyrene Foam Core	Working Temp. (Flammability) = -20°C to 60°C
	Soundproof = 35 db
	Density = 17.7 kgs/m^3
	Compressive Strength = 67.8 kpa min
	Tensile Strength = 122.7 kpa min
	Voids (visual) = none
	Fusion = Styrene Bead Structure
Honeycomb Core	Thickness = $43\text{mm} \pm 0.5\text{mm}$
	Cell Diameter = 18mm
	Weight = 180 g/m^2
	Compressive Strength = 4.5 kgs/cm^2
	Proportion = 28 kgs/m^3
	Moisture Content = $\leq 10\%$
ISO Foam Core	Isocyanate
	Solid Content = $>75\%$
	PH value = 4-7
	Viscosity = 1000-10,000 MPAS
	Gumming Quantity = $200\text{-}400 \text{ g/m}^3$
	Working Temperature = -30°C to 200°C
	Adhesive Strength = 3 MPA

SKINS

- Faces form door edges (stiles)
- Face edge bent with a leg of $22.5\text{mm} + 0\text{mm} / -0.5\text{mm}$ (0.886 in. + 0 in. / -0.020 in.) with a 14mm (0.55 in.) return

Material: Mild steel, or galvanized mild steel

Gauge: 1200 Series – 20 gauge
1600 Series – 16 gauge
1800 Series – 18 gauge

Seams:

- Option 1: Tack Welded – 22mm (1 in.) on center, seam in center of door edge
- Option 2: Lap Seam Construction – Seam at edge of door, tack welded 100mm (4 in.) on center
- Option 3: Lock Seam Construction – Tack welded lock seam on each side at 100mm (4 in.) on center

END CHANNEL (FOAM CORE)

- Top: 16 gauge, inverted, spot welded to skins, no holes
- Bottom: 16 gauge with 0.71 in. vent holes every 6 inches along length

END CHANNEL (HONEYCOMB CORE)

- 1.5 mm (16 gauge – 0.060 in.) thick galvanized steel
- C-Shaped with 20 mm (0.785 in.) legs by 42 mm (1.654 in.) web by full width of door
- Spot welded to faces 13 mm (0.50 in.) from ends and 50 mm (2.00 in.) on center

LIGHT CLOSURE CHANNEL

- Refer to Drawing

HINGE REINFORCEMENTS

- 4 mm (8 gauge – 0.164 in.) thick galvanized steel by 205 mm (8.00 in.) long by 32 mm (1.25 in.) wide
- Attached to face edges with a two spot-welds on each end (one on each tab)

CLOSER REINFORCEMENTS

- 3 mm (12 gauge – 0.108 in.) thick by 200 mm (8 in.) wide by 380 mm (15 in.) long galvanized steel
- Two (2) plates – with one plate spot welded to each face

LATCH REINFORCEMENTS

- 2 mm (14 gauge – 0.075 in.) galvanized steel spot welded to faces
- Reinforcements located per hardware requirements

ASTRAGAL

- 20 gauge (1mm) door edge with 19mm (3/4 in.) astragal projection

ADHESIVES

- 3M Fastbond 30-NE/30H-NF
- 3M Fastbond 49
- 3M Scotch-Grip High Performance Contact
- Adhesive 1357; 1357 Neutral, 1357-L

PRIMER PAINT (required for non-galvanized skins)

Viscosity = > 100 MPAS
Fineness = £ 20mm
Solid Content = ³ 40%
Air Dry Time: Surface Dry = £ 10 Minutes
Air Dry Time: Core Dry = £ 50 Minutes
Impact Strength = 50 kgs/cm
Water Soluble

CONSTRUCTION DETAILS

1. Faces are cut to length and width
2. Edges are formed on both faces of door
3. Reinforcements for hinges, latches, and closers are welded to faces
4. Foam Core adhered to faces with isocyanate adhesive (formula shown in drawing 1)
5. Top face is slid into place on bottom face
6. Ends welded to faces
7. Faces welded together with welds 50 mm (2.00 inches) on center
8. All welds ground and finished smooth
9. Door painted
10. Label applied