Seamed Edge Doors
1000 Series

**Standard Features**
- 16 and 18 Gauge Doors
- Cold Rolled or Galvanized Steel
- Tight Corner Seam
- Full Body Polystyrene Core or Honeycomb Core
- Non-Handed Design
- 12-Gauge Closer Reinforcement
- 7-Gauge Hinge Reinforcement - Reversible
- 16-Gauge Flush Top Cap - Galvanized Standard / Heavy Duty
- 16-Gauge Inverted Bottom Cap - Galvanized
- Prime Painted Grey Two Part Epoxy Factory Applied, Baked On
- Standard Lock Preparations Include 161, Fed 86 Edge, Panic Bar Reinforced
- WHI / ITS up to 3 hour, Positive Pressure and “S” Smoke included
- Meets or Exceeds Standards for ANSI 250.4 and ANSI 250.8

**Typical Hardware Preparations**
- ANSI / SDI A115.1 “MB” (MORTISE)
- ANSI / SDI A115.2 “C” (BORED)
- UNIVERSAL STRIKE A115.1 “U”

**Sections**
- LOCK EDGE
- CLOSER REINFORCEMENT
- CLOSER TOP
- MINIMUM CORE CLEARANCE 1” FROM TOP, 1/2” AROUND ALL HARDWARE REINF.

**Typical Hardware Preparations**

**Warnock Hersey**
3 Hour Fire Positive Pressure Smoke

**dhi**

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**Standard Features**

- 20-Gauge Cold Rolled or Galvanized Steel
- Seamless Filled Edges
- Full Body Polystyrene Core
- Non-Handed Design
- 12-Gauge Closer Reinforcement
- 7-Gauge Hinge Reinforcement - Reversible
- 16-Gauge Flush Top Cap - Galvanized Standard / Heavy Duty
- 16-Gauge Inverted Bottom Cap - Galvanized
- Prime Painted Grey Two Part Epoxy Factory Applied, Baked On
- Standard Lock Preparations Include 161, Fed 86 Edge, Panic Bar Reinforced
- WHI / ITS up to 3 hour, Positive Pressure and “S” Smoke included
- Meets or Exceeds Standards for ANSI 250.4 and ANSI 250.8

**Typical Hardware Preparations**

- ANSI / SDI A115.1 “MB” (MORTISE)
- ANSI / SDI A115.2 “C” (BORED)
- UNIVERSAL STRIKE A115.1 “U”

**Sections**

- LOCK EDGE
- CLOSED TOP
- CLOSER REINFORCEMENT
- MINIMUM CORE CLEARANCE 1” FROM TOP, 1/2” AROUND ALL HARDWARE REINF.
- HINGE EDGE
- TOP VIEW
- TYPICAL SECTION

---

**Warnock Hersey**

- 3 Hour Fire
- Positive Pressure
- Smoke

**dhi**

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2142 Tubeway Avenue, Commerce, CA 90040  Tel: (323) 888-7763  Fax: (323) 888-0063  Email: sales@dksdoors.com  Website: www.dksdoors.com
18-Gauge Steel Stiffened Doors
1300 Series

**Standard Features**

- 18-Gauge Galvanized Steel
- Seamless Filled Edges
- 22 Gauge Vertical Stiffeners on 6-inch Centers Hat Shaped
- Fiberglass Insulation Filled Cavities 1-5/8” thick 1.5 lb.cu.ft
- Beveled Strike Edge, Square Hinge Edge
- 7-Gauge Hinge Reinforcement-Standard / Heavy Duty Design
- 16-Gauge Top Cap
- 16-Gauge Inverted Bottom Cap
- 14-Gauge Lock Reinforcement
- 12-Gauge Closer Reinforcement
- Prime Painted Grey Two Part Epoxy Factory Applied, Baked On
- Standard Lock Preparations Include 161, Fed 86 Edge, Panic Bar Reinforced
- Approved for Double Egress Use
- WHI / ITS up to 3 hour, Positive Pressure and “S” Smoke included
- Meets or Exceeds Standards for ANSI 240.4 and ANSI 250.8

**Sections**

- WELDED SEAMLESS LOCK EDGES BEVELED 1/8” IN 2”
- SQUARE HINGE EDGE
- DENSE INSULATION BETWEEN STIFFENERS
- 22 GA. STIFFENERS 6” APART
- TOP CAP

**Typical Hardware Preparations**

- ANSI / SDI A115.1 “MB” (MORTISE)
- HINGE
- ANSI / SDI A115.2 “C” (BORED)

**Warnock Hersey**
3 Hour Fire
Positive Pressure
Smoke

**dhi**

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**Standard Features**

- 16-Gauge Galvanized Steel
- Seamless Filled Edges
- 22 Gauge Vertical Stiffeners on 6-inch Centers Hat Shaped
- Fiberglass Insulation Filled Cavities 1-5/8" thick 1.5 lb.cu.ft
- Beveled Strike Edge, Square Hinge Edge
- 7-Gauge Hinge Reinforcement - Standard / Heavy Duty Design
- 16-Gauge Top Cap
- 16-Gauge Inverted Bottom Cap
- 14-Gauge Lock Reinforcement
- 12-Gauge Closer Reinforcement
- Prime Painted Grey Two Part Epoxy Factory Applied, Baked On
- Standard Lock Preparations Include 161, Fed 86 Edge, Panic Bar Reinforced
- Approved for Double Egress Use
- WHI / ITS up to 3 hour, Positive Pressure and "S" Smoke included
- Meets or Exceeds Standards for ANSI 240.4 and ANSI 250.8

**Sections**

- Welded Seamless Lock Edges Beveled 1/8" in 2"
- Dense Insulation Between Stiffeners
- 22 GA. STIFFENERS 6" APART
- HORIZONTAL VIEW

**Typical Hardware Preparations**

- ANSI / SDI A115.1 "MB" (MORTISE)
- ANSI / SDI A115.2 "C" (BORED)

**Warnock Hersey**

3 Hour Fire Positive Pressure Smoke

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Standard Features

♦ 14 Gauge Door
♦ 12 Gauge Frame
♦ 161 Prep and 3 Deadbolt Preps
♦ Polystyrene Core
♦ 2-3/4” Backset
♦ 3/8” Undercut
♦ 4-1/2” x 4-1/2” Heavy Duty Hinge Prep
♦ DKS Steel Door & Frame Locations
### Standard Features

- 16 and 18 Gauge Doors
- Cold Rolled or Galvanized Steel
- Tight Corner Seam
- Full Body Polystyrene Core
- Non-Handed Design
- 12-Gauge Closer Reinforcement
- Continuous 7-Gauge Channel Hinge Reinforcement Set at Heavy Duty
- Depth - Full Height
- 14-Gauge, 10-inch Lock Face Reinforcements
- 16-Gauge Flush Top Cap
- 16-Gauge Inverted Bottom Cap
- Prime Painted Grey Two Part Epoxy Factory Applied, Baked On
- Remove Skin at Desired Locations for Hinge Size - Template, Drill and Tap, Apply Reversible Hinge Shim

### Door Construction Reinforcement Detail

**SECTION A-A**

**ILLUSTRATION NOT TO SCALE**
### Standard Features
- 16-Gauge Cold Rolled or Galvanized Steel
- Seamless Filled Edges
- Full Body Polystyrene Core
- Non-Handed Design
- 12-Gauge Closer Reinforcement
- 7-Gauge Hinge Reinforcement-Reversible
- 16-Gauge Flush Top Cap - Galvanized Standard / Heavy Duty
- 16-Gauge Inverted Bottom Cap - Galvanized
- Prime Painted Grey Two Part Epoxy Factory Applied, Baked On
- Standard Lock Preparations Include 161, Fed 86 Edge, Panic Bar Reinforced
- WHI / ITS up to 3 hour, Positive Pressure and “S” Smoke included
- Meets or Exceeds Standards for ANSI 250.4 and ANSI 250.8

### Typical Hardware Preparations
- ANSI / SDI A115.1 "MB" (MORTISE)
- ANSI / SDI A115.2 "C" (BORED)
- UNIVERSAL STRIKE A115.1 “U”

### Sections
- LOCK EDGE
- NON-HANDED HINGE
- UNIVERSAL STRIKE A115.1 “U”
- MINIMUM CORE CLEARANCE 1" FROM TOP, 1/2" AROUND ALL HARDWARE REINF.

### Diagrams
- Typical Section
- Top View

### Tables
<table>
<thead>
<tr>
<th>F</th>
<th>V 10 x 10</th>
<th>N 5 x 20</th>
<th>N 4 x 25</th>
<th>N 3 x 33</th>
<th>HG</th>
<th>1700</th>
<th>1900</th>
<th>1900</th>
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<tr>
<td>VLI</td>
<td>NSLI</td>
<td>N4LI</td>
<td>N3LI</td>
<td>GLI</td>
<td>LI</td>
<td>TLI</td>
<td>L2</td>
<td></td>
</tr>
</tbody>
</table>

### Certifications
- 3 Hour Fire Positive Pressure Smoke
- National Association of Architectural Metal Manufacturers
- Steel Door & Frame Systems, Inc. DKS

DKS Steel Door & Frame Systems, Inc.
2142 Tubeway Avenue, Commerce, CA 90040  Tel: (323) 888-7763  Fax: (323) 888-0063  Email: sales@dksdoors.com  Website: www.dksdoors.com
## 6-Panel Doors
### 1700 Series

#### Standard Features
- 18 and 20 Gauge Cold Rolled or Galvanized Steel
- Seamless Filled Edges
- Full Body Polystyrene Core
- Non-Handed Design
- 12-Gauge Closer Reinforcement
- 7-Gauge Hinge Reinforcement - Standard / Heavy Duty
- 16-Gauge Flush Top Cap - Galvanized
- 16-Gauge Inverted Bottom Cap - Galvanized
- ADA 10 inch Minimum Bottom Rail
- Prime Painted Grey Two Part Epoxy Factory Applied, Baked On
- Standard Lock Preparations Include 161, Fed 86 Edge, Panic Bar Reinforced
- WHI / ITS up to 3 hour, Positive Pressure and "S" Smoke included
- STC Rated 28, Model 32-1700
- STC Rated 32
- Meets or Exceeds Standards for ANSI 250.4 and ANSI 250.8

#### Typical Hardware Preparations
- ANSI / SDI A115.1 "MB" (MORTISE)
- ANSI / SDI A115.2 "C" (BORED)
- UNIVERSAL STRIKE A115.1 "U"

#### Diagrams
![Diagram showing dimensions and features of 6-Panel Doors 1700 Series](image-url)

- **3068**
  - 35.75" x 79.125"
  - 6.5" x 21.5"
  - 4" x 5"
  - ADA 10 inch Minimum Bottom Rail
- **3070**
  - 35.75" x 83.125"
  - 6.5" x 21.5"
  - 4.5" x 9.125"
  - ADA 10 inch Minimum Bottom Rail
- **3080**
  - 35.75" x 95.125"
  - 10" x 8"
  - 23.0" x 6.125"

---

**Warnock Hersey**
- 3 Hour Fire
- Positive Pressure
- S Smoke

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Website: www.dksdoors.com
**Standard Features**

- 18 and 16 Gauge Cold Rolled or Galvanized Steel
- Seamless Filled Edges
- Polystyrene Core
- 7-Gauge Hinge Reinforcement - Reversible
- 16-Gauge Flush Top Cap - Galvanized
- 16-Gauge Inverted Bottom Cap - Galvanized
- Concealed Vertical Rod Top & Bottom Reinforcement Prepared
- WHI / ITS up to 3 hours, Positive Pressure and S-Smoke included
- Meets or Exceeds Standards for ANSI 250.4 and ANSI 250.8
- Prime Painted Grey Two Part Epoxy Factory Applied, Baked On

**Typical Hardware Preparations**

- NON-HANDED HINGE
- 18 and 16 Gauge Cold Rolled or Galvanized Steel
- Seamless Filled Edges
- Polystyrene Core
- 7-Gauge Hinge Reinforcement - Reversible
- 16-Gauge Flush Top Cap - Galvanized
- 16-Gauge Inverted Bottom Cap - Galvanized
- Concealed Vertical Rod Top & Bottom Reinforcement Prepared
- WHI / ITS up to 3 hours, Positive Pressure and S-Smoke included
- Meets or Exceeds Standards for ANSI 250.4 and ANSI 250.8
- Prime Painted Grey Two Part Epoxy Factory Applied, Baked On

---

**Warneck Hersey**

3 Hour Fire
Positive Pressure
Smoke

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### Standard Features
- 18-Gauge Cold Rolled or Galvanized Steel
- Seamless Filled Edges
- Full Body Polystyrene Core
- Non-Handed Design
- 12-Gauge Closer Reinforcement
- 7-Gauge Hinge Reinforcement - Reversible
- 16-Gauge Flush Top Cap - Galvanized Standard / Heavy Duty
- 16-Gauge Inverted Bottom Cap - Galvanized
- Prime Painted Grey Two Part Epoxy Factory Applied, Baked On
- Standard Lock Preparations Include 161, Fed 86 Edge, Panic Bar Reinforced
- WHI / ITS up to 3 hour, Positive Pressure and "S" Smoke included
- Meets or Exceeds Standards for ANSI 250.4 and ANSI 250.8

### Typical Hardware Preparations
- ANSI / SDI A115.1 "MB" (MORTISE)
- ANSI / SDI A115.2 "C" (BORED)
- UNIVERSAL STRIKE A115.1 "U"

### Sections
- LOCK EDGE
- CLOSED TOP
- HINGE EDGE
- MINIMUM CORE CLEARANCE 1” FROM TOP, 1/2” AROUND ALL HARDWARE REINF.

### Hardware Preparations

<table>
<thead>
<tr>
<th>Hardware</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI / SDI A115.1 &quot;MB&quot; (MORTISE)</td>
<td>Lock Edge Preparation</td>
</tr>
<tr>
<td>ANSI / SDI A115.2 &quot;C&quot; (BORED)</td>
<td>Closer Reinforcement</td>
</tr>
<tr>
<td>UNIVERSAL STRIKE A115.1 &quot;U&quot;</td>
<td>Strike Preparation</td>
</tr>
</tbody>
</table>

### Standard Features 18-Gauge Cold Rolled or Galvanized Steel
- Seamless Filled Edges
- Full Body Polystyrene Core
- Non-Handed Design
- 12-Gauge Closer Reinforcement
- 7-Gauge Hinge Reinforcement - Reversible
- 16-Gauge Flush Top Cap - Galvanized Standard / Heavy Duty
- 16-Gauge Inverted Bottom Cap - Galvanized
- Prime Painted Grey Two Part Epoxy Factory Applied, Baked On
- Standard Lock Preparations Include 161, Fed 86 Edge, Panic Bar Reinforced
- WHI / ITS up to 3 hour, Positive Pressure and "S" Smoke included
- Meets or Exceeds Standards for ANSI 250.4 and ANSI 250.8

### Typical Features
- ANSI / SDI A115.1 "MB" (MORTISE)
- ANSI / SDI A115.2 "C" (BORED)
- UNIVERSAL STRIKE A115.1 "U"

### Hardware Preparations
- Lock Edge Preparation
- Closer Reinforcement
- Strike Preparation

### Hardware Preparations
- ANSI / SDI A115.1 "MB" (MORTISE)
- ANSI / SDI A115.2 "C" (BORED)
- UNIVERSAL STRIKE A115.1 "U"

### Sections
- LOCK EDGE
- CLOSED TOP
- HINGE EDGE
- MINIMUM CORE CLEARANCE 1” FROM TOP, 1/2” AROUND ALL HARDWARE REINF.
### Standard Features

- 18 Gauge Cold Rolled or Galvanized Steel
- Seamless Filled Edges
- Full Body Polystyrene Core
- Non-Handed Design
- 12-Gauge Closer Reinforcement
- 7-Gauge Hinge Reinforcement - Standard / Heavy Duty
- 16-Gauge Flush Top Cap - Galvanized
- 16-Gauge Inverted Bottom Cap - Galvanized
- ADA 10 inch Minimum Bottom Rail
- Prime Painted Grey Two Part Epoxy Factory Applied, Baked On
- Standard Lock Preparations Include 161, 161-DL, Fed 86 Edge, Panic Bar Reinforcement
- WHI / ITS up to 3 hour, Positive Pressure and "S" Smoke included
- STC Rated 28, Model 32-1900
- STC Rated 32
- Meets or Exceeds Standards for ANSI 250.4 and ANSI 250.8

### Typical Hardware Preparations

- ANSI / SDI A115.1 "MB" (MORTISE)
- NON-HANDED HINGE
- ANSI / SDI A115.2 "C" (BORED)
- UNIVERSAL STRIKE A115.1 "U"

### 2-Panel Doors

#### 1900 Series

**Typical Hardware Preparations**

- ANSI / SDI A115.1 "MB" (MORTISE)
- NON-HANDED HINGE
- ANSI / SDI A115.2 "C" (BORED)
- UNIVERSAL STRIKE A115.1 "U"
**Standard Features**

- 18 Gauge Cold Rolled or Galvanized Steel
- Seamless Filled Edges
- Full Body Polystyrene Core
- Non-Handed Design
- 12-Gauge Closer Reinforcement
- 7-Gauge Hinge Reinforcement - Standard / Heavy Duty
- 16-Gauge Flush Top Cap - Galvanized
- 16-Gauge Inverted Bottom Cap - Galvanized
- ADA 10 inch Minimum Bottom Rail
- Prime Painted Grey Two Part Epoxy Factory Applied, Baked On
- Standard Lock Preparations
  - Include 161, 161-DL, Fed 86 Edge, Panic Bar Reinforcement
- WHI / ITS up to 3 hour, Positive Pressure and "S" Smoke included
- STC Rated 28, Model 32-1900
- STC Rated 32
- Meets or Exceeds Standards for ANSI 250.4 and ANSI 250.8

---

**Typical Hardware Preparations**

- ANSI / SDI A115.1 "MB" (MORTISE)
- NON-HANDED HINGE
- ANSI / SDI A115.2 "C" (BORED)
- UNIVERSAL STRIKE A115.1 "U"

---

**Typical Hardware Preparations Diagram**

- 2′6", 2′8", 2′10′
- 3′
- 22.835′
- 65.75′
- 0.4′
- 0.8′
- 1′.57"
**Standard Features**

- 18/16 Gauge Cold Rolled or Galvanized Steel
- Seamless Filled Edges
- Full Body Honeycomb Core
  - #90 Density Weight
- Non Handed Design
- 12 Gauge Closer Reinforcement
- 7-Gauge Hinge Reinforcement - Reversible
- 16-Gauge Top Cap - Galvanized
- 16-Gauge Inverted Bottom Cap - Galvanized
- Hardware Reinforced for 161, Fed 86 Edge, Panic Bar Application
- Prime Painted Grey Two Part Epoxy Factory Applied, Baked On
- WHI / ITS up to 3 hour, Positive Pressure and “S” Smoke included
- Meets or Exceeds Standards for ANSI 240.4 and ANSI 250.8

**Typical Hardware Preparations**

- ANSI / SDI A115.1 “MB” (MORTISE)
- ANSI / SDI A115.2 “C” (BORED)

**Sections**

- HINGE EDGE
- TOP VIEW
- HONEYCOMB CORE
- STRIKE EDGE
- CLOSED TOP
- VERTICAL SECTION

**3 HR. LABEL STYLES**

- F
  - 3 x 33

**1-1/2 HR. LABEL STYLES**

- V
  - 10 x 10
- N
  - 5 x 20
- N
  - 4 x 25
- N
  - 3 x 33

**3/4 HR. LABEL STYLES**

- G
- L1
**Standard Features**

- 18/16 Gauge Cold Rolled or Galvanized Steel
- Seamless Filled Edges
- Full Body Honeycomb Core #90 Density Weight
- Non Handed Design
- 12 Gauge Closer Reinforcement
- 7-Gauge Hinge Reinforcement - Reversible
- 16-Gauge Top Cap - Galvanized
- 16-Gauge Inverted Bottom Cap - Galvanized
- Reinforced for Double Egress Surface Vertical Rod Application
- Prime Painted Grey Two Part Epoxy Factory Applied, Baked On
- WHI / ITS up to 3 hour, Positive Pressure and “S” Smoke included
- Meets or Exceeds Standards for ANSI 240.4 and ANSI 250.8

**Sections**

![Honecomb Core Detail](image)

**Typical Hardware Preparation**

- Non-Handed Hinge
- Reversable Hinge Edge
- Strike Edge
- Closed Top

**3 HR. LABEL STYLES**

- V
- F
- N
- G

**1-1/2 HR. LABEL STYLES**

- N
- N
- N

**3/4 HR. LABEL STYLES**

- L1

---

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**Warnock Hersey**

3 Hour Fire Positive Pressure Smoke

**dhi**

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**Standard Features**

- 1-3/4” Temperature Rise Doors 250°
  or 450°
- 18 or 16 Gauge Cold Rolled or Galvanized Steel
- Seamless Filled Edges
- Full Body Mineral Core
- Non-Handed Design
- 12-Gauge Closer Reinforcement
- 7-Gauge Hinge Reinforcement - Standard / Heavy Duty
- 16-Gauge Flush Top Cap - Galvanized
- 16-Gauge Inverted Bottom Cap - Galvanized
- Prime Painted Grey Two Part Epoxy Factory Applied, Baked On
- Standard Lock Preparations Include 161, Fed 86 Edge, Panic Bar Reinforced
- WHI / ITS up to 3 hour, Positive Pressure and “S” Smoke included
- Meets or Exceeds Standards for ANSI 250.4 and ANSI 250.8

**Typical Hardware Preparations**

- ANSI / SDI A115.1 “MB” (MORTISE)
- NON-HANDED HINGE
- ANSI / SDI A115.2 “C” (BORED)
- UNIVERSAL STRIKE A115.1 “U”

**Sections**

- LOCK EDGE
- NON-HANDED HINGE
- UNIVERSAL STRIKE A115.1 “U”

**3 Hour Label Styles**

- F

**1-1/2” Hour Label Styles**

- V 10 x 10
- N 5 x 20
- N 4 x 25
- N 3 x 33

---

**Warnock Hersey**

3 Hour Fire Positive Pressure S Smoke

**dhi**

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### Standard Features
- 24-Gauge Cold Rolled Steel
- Honeycomb Core
- Non-Handed Design
- Reversible Residential Hinge
  - 4" x 4", gauge .097"
- Matches Timely’s Residential Frame Hinge and Strike Locations
- Lock location 60" for 80" doors;
  - 44" for 6'8" doors x 2 3/8" backset
  - with 1" x 1 1/4" Square Corner Face Plate
- Flush Top / Inverted Bottom
- Prime Paint Finish, Powder Coat
- Lock preparation (161) Cylindrical or Blank Reinforced (BR)
- Wood reinforced hinge and lock locations

### Typical Hardware Preparations

<table>
<thead>
<tr>
<th>DOOR SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
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<tbody>
<tr>
<td>6'8&quot;</td>
<td>10.125&quot;</td>
<td>29.75&quot;</td>
<td>----</td>
<td>35.125&quot;</td>
</tr>
<tr>
<td>8'</td>
<td>10.125&quot;</td>
<td>25.0&quot;</td>
<td>25.5&quot;</td>
<td>35.125&quot;</td>
</tr>
</tbody>
</table>

**NOTE:**
- Wood reinforced hinge and lock locations
- ANSI / SDI A115.2 "C" (BORED)
- Non-Handed Hinge

---

**STEEL DOOR & FRAME SYSTEMS, INC.**

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

---

**National Association of Architectural Metal Manufacturers**

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**dhi**
**Standard Features**

- 16-Gauge Cold Rolled Steel or A-40 Galvanized option
- Double Egress Profile
- Exact fit mitered corner
- 7-Gauge Hinge Reinforcement
- Standard / Heavy Duty Adjustment
- Floor Anchors in all jamb sides
- Wall anchors for Masonry, Wood Stud, Metal Stud and Strap Anchors
- 4-inch to 13-inch jamb depths
- 20-minute to 3-hour label

**FRAMES PROVIDED RIGHT HAND EXCEPT AS NOTED**

**K-D CORNER DETAIL**

**FLOOR ANCHOR DETAIL**

---

**Steel Door & Frame Systems, Inc.**

3 Hour Fire Positive Pressure Smoke

**Warnock Hersey**

**dhi**

**NAAMM**

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**DKS Steel Door & Frame Systems, Inc.**

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**Standard Features**

- 16-Gauge A-40 Galvanized Steel
- 3-Piece System Designed to Adjust to Multiple Depth Wall Conditions
- Slide Rails along the frame throat enables the frame to accommodate 4.75” to 7.875” thick walls
- Three 7-Gauge 4.5” x 4.5” Hinge Reinforcements for 6’8” and 7’0” Doors
- Four 7-Gauge 4.5” x 4.5” Hinge Reinforcements for 8’ Doors
- Hinge Reinforcement Accepts Standard or Heavy Weight Template Hinges
- 12-Gauge ASA Strike Reinforcement
- Frame is Prepared for Silencer Operation
- 90 Minute WHI Mark as Standard

**Typical Hardware Preparations**

- 4-1/2” x 4-1/2” Frame Hinge Prep
- 4-7/8” Universal Strike

**Sections**

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16-Gauge Masonry Frames
4000 / 4500 Series

**Standard Features**
- 16-Gauge Cold Rolled or Galvanized Steel
- Unequal Rabbet / 2-inch Face
  - 4-inch Face Heads Available
- 5/8-inch Stop Height
- Exact Fit Mitered Corners
- 7-Gauge Hinge Reinforcement with Standard / Heavy Duty Adjustment
- 4-7/8” Universal Strike Preparation
- Floor Anchor Included
- 9/32-inch Silencer Preparation
- Wall Anchors for, Masonry, Wood Stud and Metal Stud Walls, Loose or Welded In.
- 4” - 13” Jamb Depth
- 20 Minute to 3 Hour Fire Label

**Typical Hardware Preparations**

**WELDED CORNERS**
Welded corners are tight fitting to provide a smooth seamless appearance

**FLOOR ANCHOR**
18 Gauge floor anchors are standard in all masonry frames

**HINGE REINFORCEMENT**
7 Gauge standard / heavy duty hinge reinforcement

**STRIKE REINFORCEMENT**
14 Gauge strike reinforcements and mortar boxes are designed for accurate and universal function

**Features**

**Accessories**

**STEEL STUD ANCHOR**

**WOOD STUD ANCHOR**

**MASONRY WIRE**

Steel Door & Frame Systems, Inc.
2142 Tubeway Avenue, Commerce, CA 90040  Tel: (323) 888-7763  Fax: (323) 888-0063  Email: sales@dksdoors.com  Website: www.dksdoors.com
**14-Gauge Masonry Frames**

**4100 Series**

**Typical Hardware Preparations**

- **2-3/4" CYLINDRICAL STRIKE**
- **1-3/4" FRAME HINGE PREP**
- **4-7/8" UNIVERSAL STRIKE**

**Features**

- **WELDED CORNERS**
  - 7 Gauge standard / heavy duty hinge reinforcement
- **FLOOR ANCHOR**
  - 18 Gauge floor anchors are standard in all masonry frames
- **HINGE REINFORCEMENT**
  - Exact Fit Mitered Corners
- **STRIKE REINFORCEMENT**
  - 14 Gauge strike reinforcements and mortar boxes are designed for accurate and universal function

**Standard Features**

- 14-Gauge Cold Rolled or Galvanized Steel
- Unequal Rabbet / 2-inch Face
  - 4-inch Face Heads Available
- 5/8-inch Stop Height
- Exact Fit Mitered Corners
- 7-Gauge Hinge Reinforcement with Standard / Heavy Duty Adjustment
- 4-7/8" Universal Strike Preparation
- Floor Anchor Included
- 9/32-inch Silencer Preparation
- Wall Anchors for, Masonry, Wood Stud and Metal Stud Walls, Loose or Welded In.
- 4" - 13" Jamb Depth
- 20 Minute to 3 Hour Fire Label

**Accessories**

- STEEL STUD ANCHOR
- WOOD STUD ANCHOR
- MASONRY WIRE

**Steel Door & Frame Systems, Inc. (DKS)**

2142 Tubeway Avenue, Commerce, CA 90040

Tel: (323) 888-7763  Fax: (323) 888-0063

Email: sales@dksdoors.com  Website: www.dksdoors.com
16-Gauge Expandable Drywall Frames
EXP5000 Series

**Standard Features**

♦ 16-Gauge A-40 Galvanized Steel

♦ 3-Piece System Designed to Adjust to Multiple Depth Wall Conditions

♦ Slide Rails along the frame throat enables the frame to accommodate 4.625” to 7.75” Thick Walls

♦ Three 7-Gauge 4.5” x 4.5” Hinge Reinforcements for 6’8” and 7’0” Doors

♦ Four 7-Gauge 4.5” x 4.5” Hinge Reinforcements for 8’ Doors

♦ Hinge Reinforcement Accepts Standard or Heavy Weight Template Hinges

♦ 12-Gauge ASA Strike Reinforcement

♦ Frame is Prepared for Silencer Operation

♦ 90 Minute WHI Mark as Standard

**Typical Hardware Preparations**

4-1/2” x 4-1/2”
1-3/4” FRAME HINGE PREP

4-7/8” UNIVERSAL STRIKE

**Sections**

SIDE JAMBS (HINGE & STRIKE)

HEAD JAMB

**Warnock Hersey**

3 Hour Fire Positive Pressure Smoke

**dhi**

**NAAMM**

National Association of Architectural Metal Manufacturers

DKS Steel Door & Frame Systems, Inc.
2142 Tubeway Avenue, Commerce, CA 90040  ♦ Tel: (323) 888-7763 ♦ Fax: (323) 888-0063 ♦ Email: sales@dksdoors.com ♦ Website: www.dksdoors.com
16-Gauge Dry Wall Frames
5000 Series

**Standard Features**
- 16-Gauge Cold Rolled Steel
- Unequal Rabbet / 2-inch Face
- 5/8-inch Stop Height
- Exact Fit Mitered Corners with Screw Reinforcement Between Head and Jamb Sides
- 7-Gauge Hinge Reinforcement with Standard / Heavy Duty Adjustment
- 4-7/8” Universal Strike Preparation
- Screw Adjusting Compression Anchors on Jamb Side
- 9/32-inch Silencer Preparation
- 5-5/8” - 9-3/4” Jamb Depth
- 1/2 inch Double Returns
- 20 to 90 Minute Fire Label

**Typical Hardware Preparations**

- 2-3/4” Cylindrical Strike
- 4-1/2” x 4-1/2” Frame Hinge Prep
- 4-7/8” Universal Strike

**Features**

- #18 GA. CORNER REINFORCEMENT
- Adjustable Compression Anchor Typical Each Hinge and Strike Jamb
- Welded Sill Straps, Standard (Baseholes Optional)

**Frame Profiles**

- **Standard Frame**
  - 1/2” x 1/2”
  - Jamb Depth

- **Cased Opening Frame**
  - 1/2” x 1/2”
  - Jamb Depth

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STEEL DOOR & FRAME SYSTEMS, INC.

2142 Tubeway Avenue, Commerce, CA 90040  •  Tel: (323) 888-7763  •  Fax: (323) 888-0063  •  Email: sales@dksdoors.com  •  Website: www.dksdoors.com
**7000 Series**
- 10-foot length blank fabrication material
- 16 and 14-Gauge A-40 Galvanized 2-inch face
- Unequal rabbet, cased open
- 4-inch face material
- Single return masonry
- 5.25 to 10.75-inch depths

**8000 Series**
- 10-foot length blank fabrication material
- 16-Gauge cold rolled 2-inch face
- Unequal rabbet
- Double return drywall
- 5.625 to 9.75-inch depths

**7500 / 7800 Series**
- 10-foot length blank fabrication material
- Unequal rabbet
- 16-Gauge A-40 Galvanized and cold rolled material
- Hinge Mullion, Strike Mullion and Blank Mullion
- 10-foot hinge and strike jamb in 6’8” and 7’0” locations
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 1/4” Tempered (TEMP), 1/4” Superlite I-W Wired Glass (WS) and 3/16” Pyran® Platinum F Glass (PPF).

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 Product No. Guide for list of fire rated sizes
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
- 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 1/4” Tempered (TEMP), 1/4” Superlite I-W Wired Glass (WS) and 3/16” Pyran® Platinum F Glass (PPF).

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 Product No. Guide for list of fire rated sizes
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 1” 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

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.
Divided Reverse “Y” Blade Louvers
90 Minute Fire Rated
YLV Series

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) and CSI Code 089000 Louvers & Vents

SPECIFICATIONS
- 18 Gauge Cold Rolled Steel Frame & 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
- Fastener: Phillips head screws #8 x 3/4”

NOTES
- Order size is equal to opening size
- Follow all door manufacturer’s instructions for use and installation of all products.
Inverted Y-Blade Louvers
90 Minute Fire Rated
VLV Series

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) and CSI Code 089000 Louvers & Vents

SPECIFICATIONS
- 18 Gauge Cold Rolled Steel Frame & 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
- Design for use with 1-3/4” doors only
- Baked on powder coat finish
- Color: Standard Bronze
- Fastener: Phillips head screws #8 x 3/4“

NOTES
- Order size is equal to opening size
- Follow all door manufacturer’s instructions for use and installation of all products.
Adjustable Fusible Link Louvers are recommended for use in rooms where ventilation is needed and at the same time isolating the room whenever fire is present. When louver is exposed to heat at 165°F, the fusible link trips and the spring loaded louver blades shut to form an air tight fire and smoke seal.

UL (WHI Listing Mark) is stamped on the frame of the louvers with a 60-90 Minutes Fire Rating. Installation is easy. No need to drill holes for fasteners. All screws are mounted on the room side leaving the corridor side free of fasteners for security purposes.

Fuses are replaceable.

Standard Features:
- Material: 16 Gauge CRS Frame & Louver Blades
- Door: for 1-3/4” Doors only
- Fasteners: 3 x 3/4” LG & 1 x 1/2” LG
- Finish: Standard Bronze
- Free Flow Area: 45% free
- Construction:
  - Welded & mitered corners
  - Adjustable blades of 16-gauge CRS
  - Cadmium plated steel rivets
  - Cadmium plated steel tension spring
  - 1-9/16” deep louver assembly

1. Mounting Screws - #8 Phillips head
   (3 x 3/4” LG & 1 x 1/2” LG)
2. Rocker Arm, Closing Bar and housing
3. “S” Hook - .080” Cadmium plated steel
4. Fusible link - Design temperature 165°F max
5. Heat opening - 1/2” x 1”
6. Tension spring - 3” LG x 1/2” dia x .063” thick Cadmium plated steel.
7. Flat Spring Clip
45-180 Minute Fire Rated
Standard and Low Profile Vision Lite Kits
SVL & VL Series

FRAME SPECIFICATIONS
- Standard and Low Profile Vision Lite Kits
- 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

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.

GLAZING TAPE
- Standard 1/16” x 3/8” applied to both sides of glass

GLASS OPTIONS
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”.

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
**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

**GLASS OPTIONS**

**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”.