SERIES SU STEEL FRAMES (UNEQUAL RABBET)
FOR 1-3/4" THICK DOORS
STANDARD WALL APPLICATION, HANDED

"D"  "B"  "D"

"E"

5/8"

1-15/16"  "C"  1-9/16"

"A"

DEPTH

(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)

<table>
<thead>
<tr>
<th>DEPTH</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E HEAD &amp; JAMBS</th>
<th>E HEAD &amp; JAMBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>434</td>
<td>4-3/4&quot;</td>
<td>3-3/4&quot;</td>
<td>1-1/4&quot;</td>
<td>1/2&quot;</td>
<td>2&quot;</td>
<td>1&quot;</td>
</tr>
<tr>
<td>534</td>
<td>5-3/4&quot;</td>
<td>4-7/8&quot;</td>
<td>2-1/4&quot;</td>
<td>7/16&quot;</td>
<td>2&quot;</td>
<td>1&quot;</td>
</tr>
<tr>
<td>634</td>
<td>6-3/4&quot;</td>
<td>5-3/4&quot;</td>
<td>3-1/4&quot;</td>
<td>1/2&quot;</td>
<td>2&quot;</td>
<td>1&quot;</td>
</tr>
<tr>
<td>734</td>
<td>7-3/4&quot;</td>
<td>6-3/4&quot;</td>
<td>4-1/4&quot;</td>
<td>1/2&quot;</td>
<td>2&quot;</td>
<td>1&quot;</td>
</tr>
<tr>
<td>834</td>
<td>8-3/4&quot;</td>
<td>7-3/4&quot;</td>
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<td>1/2&quot;</td>
<td>2&quot;</td>
<td>1&quot;</td>
</tr>
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</table>

Series SU, double rabbet frames (with unequal rabbets) are also available in a range of depths from 4-5/8" thru 14" in 1/8" increments.
4" face heads with 2" face jambs are also available in selected sizes.
Hardware locations shown match Ceco standard doors.

Vertical Section

Nominal Door Opening Height

4.4" 3.4" 3.0" 2.6" 2.53/" 3.4" 3.3/" 3.1"

Jamb Anchor Quantities

2 per jamb for heights 3 5/" thru 5 0/" and one floor anchor
3 per jamb for heights >5 0/" thru 7 2/" and one floor anchor
4 per jamb for heights >7 2/" thru 7 6/" and one floor anchor
5 per jamb for heights >7 6/" thru 10 0/" and one floor anchor

One additional jamb anchor for each additional two feet in height or fraction thereof
One additional jamb anchor in lieu of floor anchor for existing studs and/or wall conditions.

Wire Masonry Anchor WMA

Masonry "T" Anchor (Adjustable) MT

Existing Opening Anchor EO

Wire 3/" thru 8 3/4/" Depths

Alternate "T" Anchor Design is Available for Special Depth & Face Frames. See Section 9.15 for Details.

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TECH-DATA
SERIES SU STEEL FRAMES

1. WELDED CORNERS

Die-cut corner with corner tab and face weld shown. Also available without tab and welded or mitre sawed and welded. Alternative weld options are also available.

2. HINGE PREPARATION

Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm

4-1/2" x .134" OR
4-1/2" x .180"
ANSI A156.7 TEMPLATE
7 GAGE STEEL
REINFORCING
BACKSET: 5/16"

5" x .146" OR
5" x .190"
ANSI A156.7 TEMPLATE
7 GAGE STEEL
REINFORCING
BACKSET: 5/16"

3. LOCK STRIKE PREPARATION

UNIVERSAL (4-7/8"
ANSI A115.1 & 2 TEMPLATE
16 GAGE STEEL REINFORCING
WITH EXTRUDED SCREW HOLES
PROVIDES EQUIVALENT THREAD ENGAGEMENT EQUAL TO 14 GAGE. STANDARD FOR 1-3/4" DOORS

Cylindrical (2-3/4"
ANSI A115.2 TEMPLATE
16 GAGE STEEL REINFORCING
WITH EXTRUDED SCREW HOLES
PROVIDES EQUIVALENT THREAD ENGAGEMENT EQUAL TO 14 GAGE. OPTIONAL FOR 1-3/4" DOORS

ALSO AVAILABLE WITHOUT LIP NOTCH FOR DEADBOLTS.

WOOD STUD ANCHOR
WS
Pocket provided for 1/2" or 5/8" thick wall board
Flush with stud 2"
Snap-in type
(Used also for METAL STUD Walls)

METAL STUD ANCHOR
MS
Pocket provided for 1/2" or 5/8" thick wall board
Flush with stud 2"
Snap-in type
4-3/4" and 5-3/4" Depth Only. For other depths use WS type.

FIXED FLOOR ANCHOR
SA
Welded type
ONE PIECE

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**PRODUCT SPECIFICATIONS:**

Steel door frames shall be as manufactured by Ceco Door Products, Milan, TN or Mason City, IA USA. They shall conform to the Steel Door Institute guide specification, ANSI A250.8. See chart below for performance classifications.

**Series SU frames** for 1-3/4" doors are formed from commercial quality cold rolled steel conforming to ASTM A1008 ...or (optional) hot-dipped galvannealed or galvanized steel conforming to ASTM A924 and A653 - see chart below.

Frames are knocked down (K.D.) field assembled type or welded unit type. Head and jamb members of K.D. frames have diecut mitered corners that interlock rigidly when field assembled. Integral door stops are 5/8" high. Jambs are sized to suit wall applications. Twist-in anchors are available for new masonry, wood stud, metal stud, or existing opening wall conditions (indicate which). Floor anchors or extra jamb anchors are provided to anchor sill. Welded-in jamb anchors are also available.

**Hardware Provisions:** Frames are handied. Hinge jambs are mortised for 4-1/2" or 5" high, standard and heavy weight hinges (specify which). 7 gage steel reinforcements are welded in place and are drilled and tapped for fasteners in accordance with ANSI A150.7. The strike jamb is prepared for 4-7/8" universal or 2-3/4" cylindrical strike in accordance with ANSI A115.1 & 2 (specify which). Plaster guards are provided. Optional closer reinforcement is a 14 gage steel formed steel sleeve (12 gage upon request). 3 mute holes are provided per strike jamb and 2 for double swing heads.

**Paint:** Steel door frames are provided with one coat of oven-cured neutral color primer paint. Primer coat shall conform with ANSI A250.10. The primer coat is a preparatory base for necessary finish painting. "Colorstyle" finish coat is also available on K.D. frames from a selection of standard colors (optional). Colorstyle finish is electrostatically applied, oven-cured urethane enamel, and shall conform to ANSI A250.3. For accurate color selectors ask for a Ceco Colorstyle chart.

**MATERIAL**

<table>
<thead>
<tr>
<th>DOOR FRAME MATERIAL</th>
<th>LEVEL</th>
<th>C.R.</th>
<th>GALV A60</th>
<th>GALV G90</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 Gage Steel</td>
<td>Heavy or Extra Heavy Duty</td>
<td>STD</td>
<td>OPT</td>
<td>OPT</td>
</tr>
<tr>
<td>14 Gage Steel</td>
<td>Maximum Duty</td>
<td>STD</td>
<td>OPT</td>
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**PERFORMANCE**

Physical Endurance Level: Meets ANSI A250.4 Performance Test -- 16 & 14 gage steel: Level A (1,000,000 Cycles)