SERIES BQ, BU, BR, AND BC (BEFORE DRYWALL FRAMES)

FOR 1-3/4" DOORS
HANDED

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

<table>
<thead>
<tr>
<th>PROFILE</th>
<th>A (DEPTH)</th>
<th>B (THROAT)</th>
<th>C (SOFFIT WIDTH)</th>
<th>D (FACE) JAMB</th>
<th>HEAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>SINGLE RABBET</td>
<td>3&quot; thru 5-7/8&quot;</td>
<td>2&quot; thru 4-7/8&quot;</td>
<td>&quot;A&quot; (−) 1-15/16&quot;</td>
<td>2&quot;</td>
<td>2&quot;</td>
</tr>
<tr>
<td>DOUBLE RABBET: BU</td>
<td>4-1/4&quot; thru 17-7/8&quot;</td>
<td>3-1/4&quot; thru 16-7/8&quot;</td>
<td>&quot;A&quot; (−) 2(RABBETS)</td>
<td>1&quot; thru 4&quot;</td>
<td>1&quot; thru 4&quot;</td>
</tr>
<tr>
<td>DOUBLE RABBET: BQ</td>
<td>4-5/8&quot; thru 17-7/8&quot;</td>
<td>3-5/8&quot; thru 16-7/8&quot;</td>
<td>&quot;A&quot; (−) 2(RABBETS)</td>
<td>1&quot; thru 4&quot;</td>
<td>1&quot; thru 4&quot;</td>
</tr>
<tr>
<td>CASED OPENING</td>
<td>3&quot; thru 17-7/8&quot;</td>
<td>2&quot; thru 16-7/8&quot;</td>
<td>OMIT</td>
<td>1&quot; thru 4&quot;</td>
<td>1&quot; thru 4&quot;</td>
</tr>
</tbody>
</table>

SUFFIX "A" = ACTIVE LEAF OF PAIRS
"KS" = KEY SIDE

Inside: LH, KS
Outside: RH, RHA, LHA

Experience a safer
and more open world
Hardware locations shown match Ceco standard doors. Double rabbet profiles are shown, single rabbet and cased opening profiles are similar.

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

<table>
<thead>
<tr>
<th>JAMB ANCHOR QUANTITIES</th>
<th>2 PER JAMB FOR HEIGHTS &gt;3'6&quot; THRU 5'0&quot; AND ONE FLOOR ANCHOR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3 PER JAMB FOR HEIGHTS &gt;5'0&quot; THRU 7'2&quot; AND ONE FLOOR ANCHOR</td>
</tr>
<tr>
<td></td>
<td>4 PER JAMB FOR HEIGHTS &gt;7'2&quot; THRU 7'6&quot; AND ONE FLOOR ANCHOR</td>
</tr>
<tr>
<td></td>
<td>5 PER JAMB FOR HEIGHTS &gt;7'6&quot; THRU 10'0&quot; AND ONE FLOOR ANCHOR</td>
</tr>
<tr>
<td></td>
<td>ONE ADDITIONAL JAMB ANCHOR FOR EACH ADDITIONAL TWO FEET IN HEIGHT OR FRACTION THEREOF</td>
</tr>
<tr>
<td></td>
<td>ONE ADDITIONAL JAMB ANCHOR IN LIEU OF FLOOR ANCHOR FOR EXISTING STUDS AND/OR WALLS.</td>
</tr>
</tbody>
</table>

WOOD STUD "Z" STRAP ANCHOR WSZS

ADJUSTABLE ANCHOR FOR STUD WALLS ADJ/STUD

SETUP ANCHOR AND BEND TAILPIECES TO GRIP METAL OR WOOD STUD.

18 GA. CRS SNAP-IN ANCHOR

METAL STUD "Z" ANCHOR MSZ1

16 GA. CRS WELDED ANCHOR

WOOD OR METAL STUD MAY BE USED.

RETURN TO TOP
TECH-DATA

SERIES BQ, BU, BR, AND BC BEFORE DRYWALL FRAMES

KNOCKED DOWN CORNER CONSTRUCTION

Frame is setup and welded with temporary spreader at sill.

WELDED CORNERS

HINGE PREPARATION

4-1/2" x .134" or 4-1/2" x .180"
ANSI A156.7 TEMPLATE

7 GAGE STEEL REINFORCEMENT AND 26 GAGE PLASTER GUARD

BACKSET: 5/16"

LOCK STRIKE PREPARATION

C

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

ALSO AVAILABLE WITHOUT LIP NOTCH FOR DEADBOLTS.

CLOSER REINFORCEMENT (OPTIONAL)

14 GAGE STEEL

1-1/2" MIN. STOP WIDTH. FOR SMALLER STOPS,
A 14 GAGE PLATE IS USED.

PROJECTION WELDED AT RABBIT

METAL STUD "Z" ANCHOR MSZ2

SPECIAL SIZE FLOOR ANCHOR SA

DOOR SILENCER (MUTE)

RUBBER MUTE
(3) / STRIKE JAMB
(2) / DOUBLE SWING HEAD

Designate wall configuration so that proper pocket can be provided.
Flush with stud.

WELDED ANCHOR
ONE PIECE

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

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RETURN TO TOP
TECH-DATA  

SERIES BQ, BU, BR, AND BC BEFORE DRYWALL FRAME

PRODUCT SPECIFICATIONS:

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

Series BQ, BU, BR, and BC before drywall 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, field assembled or welded unit type. Components have diecut mitered corners that interlock rigidly when field assembled. Single rabet, double rabbet, and cased opening profiles are sized to fit popular wall thicknesses. Integral door stops are 5/8” high and frame faces are 2” except double rabbet profiles are available with 4” face heads. Components have backbend returns that facilitates installation of wall board. Twist-in or welded jamb-anchors are available for various stud wall conditions; welded floor anchors or extra jamb anchors are furnished at sill (indicate which).

Hardware Provisions: Frames are handed. Hinge jams for 1-3/4” doors 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 A156.7. Strike jams for 1-3/4” doors are prepared for 4-7/8” universal or 2-3/4” cylindrical strike in accordance with ANSI A115.1&2 (specify which). Optional closer reinforcement is a 14 gage steel formed steel sleeve or 14 gage minimum plate welded in place. 3 mule holes are provided per strike jamb and 2 for double swing heads. Frames for 1-3/8” doors are also available ...ask for details.

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. Maximum size: 40100 single and 80100 double swing. For accurate color selectors ask for a Ceco Colorstyle chart.

FIRE DOOR FRAMES

LABELING AGENCIES:
- UNDERWRITERS LABORATORY
- WARNOCK HERSEY
- FACTORY MUTUAL

TEST: UL 10C, UL 109, UL 1784, & NFPA 252
- RATING: 20 MIN, 3/4 HR, 1-1/2 HR, OR 3 HR.
- MAX. SIZE: 14 GAGE STEEL
  16 GAGE STEEL
  4’0” x 9’0” SINGLE 8’0” x 9’0” PAIR
  18 GAGE STEEL
  4’0” x 7’0” SINGLE 6’10” x 7’0” PAIR

Single or double rabbet profiles. Not all sizes, gages, etc., are available in all ratings.

MATERIAL

<table>
<thead>
<tr>
<th>DOOR FRAME MATERIAL</th>
<th>LEVEL</th>
<th>C.R.</th>
<th>GALV</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 Gage Steel</td>
<td>Standard Duty</td>
<td>STD</td>
<td>A60 OPT N/A</td>
</tr>
<tr>
<td>16 Gage Steel</td>
<td>Standard, Heavy, or Extra Heavy Duty</td>
<td>STD</td>
<td>OPT OPT</td>
</tr>
<tr>
<td>14 Gage Steel</td>
<td>Maximum Duty</td>
<td>STD</td>
<td>OPT OPT</td>
</tr>
</tbody>
</table>

18 gage steel for use with 1–3/4” wood doors.
Also available in 18 gage steel for 1–3/8” doors ...Ask for details.

PERFORMANCE

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