SERIES BQW AND BRW GASKETED STEEL FRAMES
FOR 1-3/4" THICK DOORS
BEFORE DRYWALL APPLICATION, HANDED

NOTE: GASKET SHIPS LOOSE
WHEN FRAME IS PRIME PAINTED.
DO NOT INSTALL GASKET UNTIL FRAME
HAS BEEN FINISH PAINTED.

(Conversion: 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>DIMENSION &quot;D&quot; STD. FACE SIZES</th>
</tr>
</thead>
<tbody>
<tr>
<td>SINGLE RABBIT</td>
<td>3-3/8&quot; thru 6&quot;</td>
<td>2-3/8&quot; thru 5&quot;</td>
<td>&quot;A&quot; (→) 2-1/8&quot;</td>
<td>2&quot; JAMB 2&quot; HEAD</td>
</tr>
<tr>
<td>DOUBLE RABBIT</td>
<td>5-1/2&quot; thru 14&quot;</td>
<td>4-1/2&quot; thru 13&quot;</td>
<td>&quot;A&quot; (→) 2(2-1/8&quot;)</td>
<td>1&quot; JAMB 1&quot; HEAD</td>
</tr>
</tbody>
</table>

FOAM FILLED GASKET
COMPRESSION TYPE
FIRE RATED

INSIDE

OUTSIDE

SUFFIX "A" = ACTIVE LEAF OF PAIRS
"KS" = KEY SIDE
Hardware locations shown match Ceco standard doors. Double rabbet profile is shown, single rabbet is similar.

(Jamb Anchor Quantities)

2 PER JAMB FOR HEIGHTS >3'6" 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 9'0" 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 WALLS.

EXISTING OPENING ANCHOR LOCATION & QUANTITY MAY VARY BY DEPTH AND PROFILE.
ADDITIONAL ANCHOR OPTIONS SHOWN IN SECTION F13.

(Wood Stud "Z" Strap Anchor WSZS (Flush))

Designate wall configuration so that proper pocket can be provided.
16 GA CRS BASE & 16 GA CRS STRAP WELDED ANCHOR
(Used also for metal stud walls)

(Wood Stud Anchor XP/ANC)

Anchors are bent in field to thickness of wallboard. If studs are set before door frame, use an additional jamb anchor at sill instead of sill anchor.

(Used also for metal stud walls)

(Metal Stud "Z" Anchor MSZ2)

Designate wall configuration so that proper pocket can be provided.

16 GA. GALV. SNAP IN ANCHOR
(Used also for metal stud walls)

(Metal Stud "Z" Anchor MSZ1)

Designate wall configuration so that proper pocket can be provided.

5/8"
TECH-DATA

SERIES BQW AND BRW BEFORE DRYWALL FRAMES

1. WELDED CORNERS
   - #8 SMS at corner of labeled frames by installer (optional non-fire rated frames)
   - Frame is setup and welded with temporary spreader at sill.

2. COMPONENTS ARE SHIPPED "KNOCKED DOWN" AND ASSEMBLED AT JOB SITE

3. HINGE PREPARATION
   - 4-1/2" x .134" OR 4-1/2" x .180"
   - ANSI A156.7 TEMPLATE
   - 7 GAGE STEEL REINFORCEMENT
   - Hinge plaster guards are applied.

4. LOCK STRIKE PREPARATION (OPTIONAL)
   - CYLINDRICAL (2-3/4")
   - ANSI A115.2 TEMPLATE
   - 16 GAGE STEEL REINFORCEMENT
   - (Holes are drawn to provide 1/8" minimum thread depth)
   - Also available without lip notch for deadbolts.
   - Strike plaster guards are applied.

5. CLOSER REINFORCEMENT (OPTIONAL)
   - 14 GAGE STEEL
   - Projection welded at each plate

6. FLOOR ANCHOR
   - STANDARD DOUBLE RABBIT ONE PIECE ANCHOR

7. EXISTING OPENING ANCHOR E0/N
   - 16 GA. GALV. WELDED ANCHOR
   - Min. depth for BRW is 4-1/8"
   - Min. depth for bow is 6-1/4"
   - Anchor location & quantity may vary with depth or profile

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

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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 BQW, BRW before drywall frames for 1-3/4" doors are formed from commercial quality cold rolled steel conforming to ASTM A1008...or (optional) hot-dipped galvanized or galvanized steel conforming to ASTM A924 and A653 - see chart below.

Frames are knocked down, field assembled or welded unit type. Components have die cut mitered corners that interlock rigidly when field assembled. Single and double rabbet 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, as standards. Custom face frames are available. Components have backband returns that facilitate 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 hinged. Hinge jambs 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 jambs for 1-3/4" doors are prepared for 4-7/8" universal or 2-3/4" cylindrical strike in accordance with ANSI A 115.1 & 2 (specify which). Optional closer reinforcement is a 14 gage steel formed sleeve or 14 gage minimum plate welded in place. 3 door mutes 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 to 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: 4090 single and 8090 double swing. 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>18 Gage Steel</td>
<td>Standard Duty</td>
<td>STD</td>
<td>OPT N/A</td>
<td></td>
</tr>
<tr>
<td>16 Gage Steel</td>
<td>Standard, Heavy, or Extra Heavy Duty</td>
<td>STD</td>
<td>OPT</td>
<td></td>
</tr>
<tr>
<td>14 Gage Steel</td>
<td>Maximum Duty</td>
<td>STD</td>
<td>OPT</td>
<td></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)

Suffix "A" = Active Leaf of Pairs
(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)

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