SERIES SQ8 AND SR8 STEEL FRAMES
FOR 1-3/8" DOORS
STANDARD WALL APPLICATION, HANDED

SERIES SQ8
Double Rabbet Profile for 1-3/8" thick doors
FACED STANDARD
STOP
5/8"
1-9/16" RABBET
1-9/16" SOFFIT
1-9/16" RABBET
MIN. DEPTH 3-7/8"

SERIES SR8
Double Rabbet Profile for 1-3/8" thick doors
FACED STANDARD
STOP
5/8"
1-9/16" RABBET
1-9/16" SOFFIT
MIN. DEPTH 3"

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

Depth, face, soffit, and backbend dimensions are variable (made to order) within limits of material and tooling. Hardware preparations are for 1-3/8" thick doors. Rabbet dimensions and hardware preparations to suit other door thicknesses are also available. Backbends need not be the same on opposite faces of basic profile, but limits of material and/or tooling may restrict certain combinations of backbends and other profile variations. Profiles are not limited to those shown ...many other designs and combinations are available.

INSIDE

OUTSIDE
"KS" = KEY SIDE
VERTICAL SECTION

* Labeled 6'8" frames require
  3 hinges.

2 hinges standard for non-labeled
6'8" frames

3 hinges optional for non-labeled
6'8" frames

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

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
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

7 ga. galv. steel
Snap-in type

(For 3" thru 8-3/4" Depths)

EXISTING OPENING ANCHOR EO

18 ga. galv.
Snap-in type

EO/S6: 4-1/2" thru 6-3/4" depth
EO/S8: 6-7/8" thru 8-3/4" depth

ADJUSTABLE ANCHOR FOR STUD WALLS ADJ/STUD

SETUP ANCHORS AND BEND TAILPIECES TO GRIP METAL OR WOOD STUD.
TECH-DATA

SERIES SQ8 AND SR8 STEEL FRAMES

KNOCKED DOWN (KD) CORNERS

NORMALLY LIMITED TO 3 PIECE FRAMES. CORNERS ARE DIECUT, HEAD AND 2 JAMBS ARE SHIPPED KD FOR FIELD ASSEMBLY. SEE BACK OF SHEET FOR FACE LIMITATIONS. ALSO AVAILABLE SET-UP AND WELDED.

1. WELDED CORNERS
MITERED AND WELDED CORNER -- HEAD AND JAMB FACES MUST BE EQUAL
MITER SEAM IS WELDED AND FACE IS GROUND SMOOTH AND SPOT-PRIMERED.

2. LOCK STRIKE PREPARATION
Cylindrical (2–3/4") ANSI A115.3 TEMPLATE 16 GAGE STEEL REINFORCING WITH EXTRUDED SCREW HOLES EQUAL TO 14 GAGE.

3. HINGE PREPARATION
3-1/2" x .123" ANSI A156.7 TEMPLATE ONLY. 12 GAGE STEEL REINFORCEMENT; PLASTER GUARD IS 26 GAGE STEEL.
BACKSET: 5/16"

4. WOOD STUD "Z" STRAP ANCHOR
WSZS (RECESSED)

5. MASONRY "T" ANCHOR
MT

6. WOOD STUD "Z" STRAP ANCHOR
WSZS (FLUSH)

7. METAL STUD "Z" ANCHOR
MSZ2

8. SPECIAL SIZE FLOOR ANCHOR
SA

9. METAL STUD "Z" ANCHOR
MSZ1

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

BACK TO TOP
**PRODUCT SPECIFICATIONS:**

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

**Series SQ8 and SR8** frames for 1-3/8” 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.

3 piece door frames are shipped knocked down or welded. Transoms, sidelite and borrowed lites are welded unit type with all exposed welds ground smooth. Oversize frames are shipped in multiple units for field splicing. Integral door stops are 5/8” high. Double rabbet (SQ8) and single rabbet (SR8) profiles are sized to suit wall applications. Elevations conform with approved Ceco shop drawings. Jamb 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.

**Hardware Provisions:** Frames are handed. Hinge jambs are mortised for 3-1/2” standard weight hinges only. 12 gage steel reinforcements are welded in place and are drilled and tapped for fasteners in accordance with ANSI A156.7. The strike jamb is prepared for 2-3/4” universal strike in accordance with ANSI A115.3. Hinge plaster guards are 26 gage steel. Optional hardware reinforcement (e.g. closer/holder) is 14 gage minimum steel welded in place (designate hardware). 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.

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**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</td>
</tr>
<tr>
<td>18 Gage Steel</td>
<td>Heavy or Extra Heavy Duty</td>
<td>STD</td>
<td>OPT</td>
</tr>
</tbody>
</table>

18 gage steel for use with 1-3/8” hollow core wood doors.

**PERFORMANCE**

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

Physical Endurance Level:

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