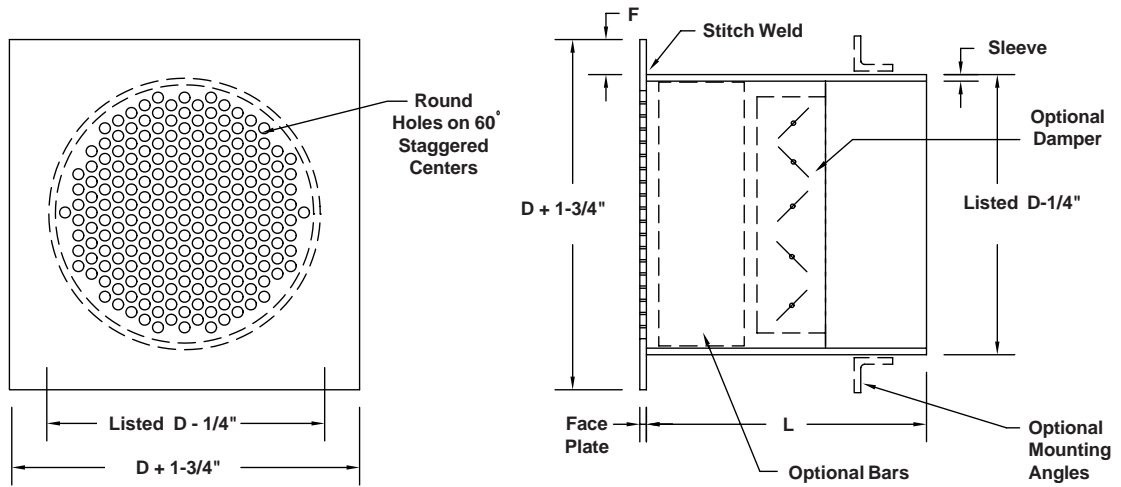


SEG-9RD SECURITY GRILLE — ROUND SLEEVE



STANDARD CONSTRUCTION

Face: 3/16" thick steel square face stitch welded to sleeve. 1" face flange.

Hole Pattern: 5/16" diameter holes on 7/16" staggered centers.

Sleeve: 10 ga. steel with continuously welded or formed seams.

Finish: Two part polyurethane inside and out. White.

REQUIRED CONSTRUCTION:

Face Shape: Square (Std.)
 Round

Face Material: 3/16" steel (Std.)
 10 ga. steel
 Other _____

Hole Pattern: 5/16" dia. holes on 7/16" centers (Std.)
 1/4" dia. holes on 3/8" centers
 Other _____

Flange "F": 1" (Std.)
 Other _____

Sleeve Material: 10 ga. steel (Std.)
 3/16" steel (not available for some sizes)
 12 ga. steel
 Other _____

Finish: White (Std.)
 Other _____

Other Material: SEG-9RDA all aluminum
 SEG-9RDSS all stainless steel

MOUNTING OPTIONS:

11A. Two loose pieces of 1" x 1" x 3/16" mill finish steel angle loose for field welding. Length equal to flange o.d. of grille. Other angle size _____

11B. Rear angle frame (square) of 1" x 1" x 3/16" mill finish steel completely assembled for field welding. Other angle size _____

11R. Rear angle ring for field welding to sleeve. Mill finish steel. Angle size varies by diameter.

to 5" dia.	1" x 1" x 1/8"
6" to 11" dia.	1-1/4" x 1-1/4" x 1/8"
12" to 15" dia.	1-1/2" x 1-1/2" x 1/8"
16" to 24" dia.	1-1/2" x 1-1/2" x 3/16"
25" to 48" dia.	2" x 2" x 3/16"

23. Masonry anchors: 1/2" x 3" Anchors 16" o.c., four per grille minimum, welded to sleeve exterior. Other size or spacing _____

25. Countersunk screw holes in face 10" o.c. with #10 x 1-1/2" long Torx security sheet metal screws. Other screw length _____

ACCESSORIES:

16F. Face operated opposed blade damper tack welded into sleeve. Damper is square with blankoff.

16R. Rear operated opposed blade damper tack welded into sleeve. Damper is square with blankoff.

21. 2-1/2" x 3/8" hot rolled steel vertical security bars 4" o.c., welded to sleeve.

Other: _____

Qty.	Listed Size Diameter	Sleeve O.D. Diameter	Masonry Opening Diameter	Sleeve Length L	Wall Thickness	Accessories	Mounting Option	Tag

To maintain KEES' policy of continuous product improvement, we reserve the right to change prices, specifications, ratings or dimensions without notice or obligation.

Project		Location	
Architect / Engineer			<p>KEES INCORPORATED 400 S. Industrial Dr. • P.O. Box L Elkhart Lake, WI 53020 Phone: (920) 876-3391 Fax: (920) 876-3065 Website: www.kees.com</p>
Contractor		Dwg. No. SEG-9RDw 07/31/07	
Representative		Date	