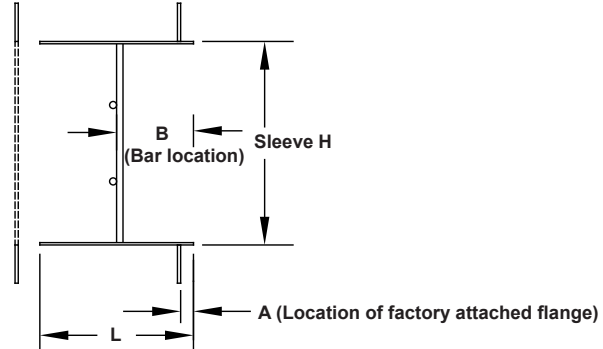
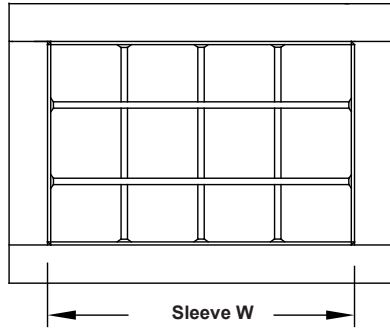




SECURITY GRATES

Model GR-G1 - Security Grates with round bars in sleeves



QTY	SLEEVE W	SLEEVE H	SLEEVE LENGTH (L)	FLANGE LOCATION (A)	BAR LOCATION (B)	TAG

STANDARD CONSTRUCTION:

- A-1000 series steel with continuously welded seams.
- A-36 steel round vertical bars 6" o.c., one bar minimum.
- A-36 steel round horizontal bars 6" o.c. on sizes over 6" high
- Bars are welded to sleeve and at intersections.
- One 3" x 1/4" A-36 steel flange frame factory stitch welded to sleeve. Flanges are butted at corners.
- Two part polyurethane inside and out. White.
- Loose angle frames are unpainted.

Minimum size 4" x 4". Maximum single piece size is 72" x 48" with 12" long sleeve. Larger sizes will ship in multiple sections with full sleeves for field butting and angle frames in "c" sections. Sleeve lengths up to 48" long are available. Masonry opening = sleeve O.D. + 1/4".

OPTIONS

SLEEVE SIZING

- O.D. undersized 1/4" (Std)
- Exact O.D.
- Exact I.D.

SLEEVE MATERIAL

- 3/16" steel (Std)
- 10 ga. steel
- 1/4" thick steel
- Other _____

BAR MATERIAL

- A-36 hot rolled steel (Std.)
- 1018 alloy cold rolled steel
- Other _____

VERTICAL BAR SIZE

- 1/2" Dia. (#4) (Std)
- 3/4" Dia. (#6)
- 7/8" Dia. (#7)
- 1" Dia. (#8)
- Other _____

HORIZONTAL BAR SIZE

- 1/2" Dia. (#4) (Std)
- 3/4" Dia. (#6)
- 7/8" Dia. (#7)
- 1" Dia. (#8)
- Other _____

BAR CENTERS

- 6" o.c. both ways(Std)
- Vertical bars _____" o.c.,
- Horizontal bars _____" o.c.

FINISH

- Two part Polyurethane white (Std.)
- Loose frames shipped unpainted.
- Other _____

FLANGE SIZE

- 3" x 1/4" steel (Std)
- 2" x 5/16" steel
- Other _____

ANGLE OPTIONS

- One flange frame factory stitch welded to sleeve. No loose flange. No bolt holes or bolts.(Std)
- Two flange frames. One factory stitch welded to sleeve, one shipped loose for field welding to sleeve (unpainted). No bolt holes or bolts.
- Two flange frames, both shipped loose for field welding to sleeve (unpainted).
- No flange frames.
- Bolt holes in flanges, 5/16" dia., on 6" centers for 1/4" dia. bolts. Bolts not included.
- Other _____

MASONRY ANCHORS

- 1/2" dia. x 3" long, factory welded to sleeve exterior for poured in place mounting. 8" o.c., minimum one per side.
- Other anchor size or spacing _____

To maintain our policy of continuous product development, we reserve the right to change prices, specifications, ratings, and dimensions without notice or obligation.

Project/Location	KEES INCORPORATED 400 South Industrial Drive Elkhart Lake, WI 53020 Ph: 920.876.3391 F: 920.876.3065 www.kees.com
Engineer/Architect	
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Date	