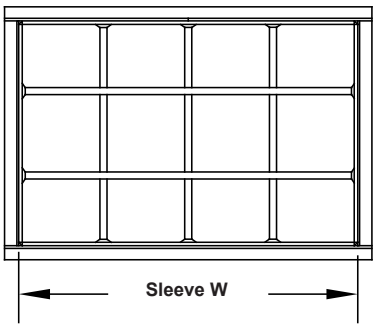
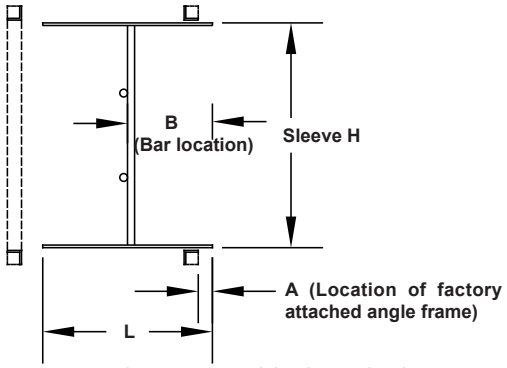
SECURITY GRATES

Model GR-C1 – Security Grates with round bars in sleeves





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

Minimum size 4" x 4". Maximum single piece size is 72" x 48" with 14" 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".

STANDARD CONSTRUCTION:

A-1000 series steel with continously welded seams.

A-36 steel round vertical bars 6" o.c.. one bar minimum.

A-36 steel rouned horizontal bars 6" o.c. on sizes over 6" high

Bars are welded to sleeve and at intersections.

Two A-36 steel angle frames. One factory stitch welded to sleeve, one shipped loose for field welding to sleeve. Angles are lapped at corners.

Two part polyurethane inside and out. White.

Loose angle frames are unpainted.

OPTIONS

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

SLEEVE MATERIAL
- ☐ 3/16" steel (Std)
- ☐ 10 ga. steel
- ☐ 12 ga. steel
- ☐ 1/4" thick steel
- ☐ 10 ga. Type 304 stainless steel
- ☐ Other _____

BAR MATERIAL
- ☐ A-36 hot rolled steel (Std.)
- ☐ 1018 alloy cold rolled steel
- ☐ 1045 alloy steel
- ☐ Type 304 stainless steel
- ☐ Type 316 stainless steel
- ☐ Other _____

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

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

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

FINISH
- ☐ Two part Polyurethane white (Std.) Loose angle frames shipped unpainted.
- ☐ Mill finish - stainless steel only
- ☐ Other _____

ANGLE SIZE
- ☐ 1" x 1" x 3/16" (Std)
- ☐ 1-1/2" x 1-1/2" x 1/8"
- ☐ 1-1/2" x 1-1/2" x 3/16"
- ☐ 2" x 2" x 3/16"
- ☐ 2" x 2" x 1/4"
- ☐ 2-1/2" x 2-1/2" x 1/4"
- ☐ Other _____

ANGLE OPTIONS
- ☐ One frame factory stitch welded to sleeve, one shipped loose for field welding to sleeve. Angle legs face away from wall. No bolt holes or bolts (Std.)
- ☐ Two angle frames, both shipped loose for field welding to sleeve.
- ☐ One angle frame only ▭ loose or ▭ factory stitch welded to sleeve.
- ☐ No angle frames.
- ☐ Bolt holes in angle frames, 5/16" dia., on 6" centers for 1/4" dia. bolts. Bolts not included.
- ☐ Notched or ☐ Mitered corners on angle frames.
- ☐ 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			
Engineer/Architect			
Contractor			
Representative		Date	