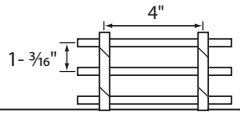
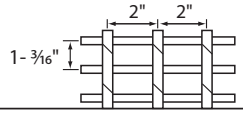
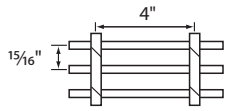
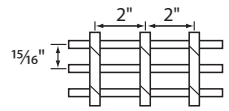
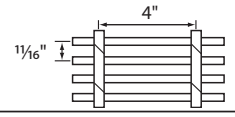
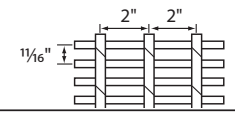
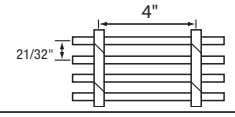
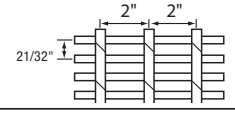
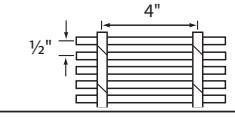
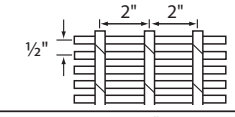
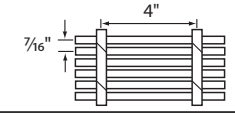
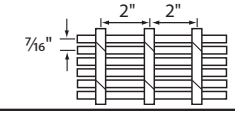
Steel Grating Table of Spacings

Part No.	Spacing	Open Area*	
19-W-4 19-DT-4 19-SL-4		78%	Bearing bars spaced at 1-3/16" on center and cross bars at 4" on center. The workhorse of industrial flooring popular for platforms, catwalks, mezzanines and stairways.
19-W-2 19-DT-2 19-SL-2		73%	Bearing bars spaced at 1-3/16" on center and cross bars at 2" on center. Excellent for short spans and applications where small wheeled carts continuously cross the grating surface.
15-W-4 15-DT-4 15-SL-4		75%	Bearing bars spaced at 15/16" on center and cross bars at 4" on center. More than 26% stronger than similar “19” spaced gratings and provides additional flooring surface.
15-W-2 15-DT-2 15-SL-2		69%	Bearing bars spaced at 15/16" on center and close spaced cross bars at 2" on center. Provides the advantage of closer spaced bearing bars and cross bars.
11-W-4 11-DT-4 11-SL-4		68%	Due to NAAMM allowable material and manufacturing tolerances, Interstate Gratings offers IGtru™ with bearing bars spaced at 21/32" on center, with 3/16" thick bearing bars to ensure compliance with the spacing requirements of the Americans with Disabilities Act. For ADA installations, specify that the bearing bars span perpendicular to the normal flow of traffic.
11-W-2 11-DT-2 11-SL-2		63%	
IGtru™ 11-W-4 11-DT-4		66%	
IGtru™ 11-W-2 11-DT-2		61%	
8-W-4 8-DT-4 8-SL-4		58%	The bar spacings on 8-4 and 8-2 gratings comply with ADA spacing requirements. In addition to pedestrian applications, these products are popular for material handling platforms and mezzanines subject to continuous cart and dolly traffic.
8-W-2 8-DT-2 8-SL-2		54%	
7-W-4 7-DT-4 7-SL-4		53%	The bar spacings on 7-4 and 7-2 gratings comply with ADA spacing requirements and are popular for applications in the public way. When specified with 3/16” thick bearing bars, 7-4 and 7-2 gratings have a net ¼” clear opening between the bearing bars and often reject intrusion by high-heeled shoes.
7-W-2 7-DT-2 7-SL-2		49%	

* Percentage of open area is based upon 3/16" thick bearing bars and .275 cross bars. Contact Interstate Gratings if exact open area calculation is required for alternative bearing bar thicknesses or cross bar sizes.

How to Specify Steel Bar Grating

1. Select type of grating
   - **“W”** for Welded Steel Grating
   - **“DT”** for Dovetail Pressure Locked Grating
   - **“SL”** for Swage Locked Grating
2. Select bar spacing from table above
3. Select bearing bar size (consult load tables on pages 6-11 considering service loads and clear spans)
4. Specify Plain or Serrated surface
5. Specify banding or additional trim required
6. Specify finish
   - Bare steel (no finish)
   - IG EcoCoat™ - Standard Black Paint
   - Hot Dip Galvanized (per ASTM A-123)
   - Other
7. Specify fasteners (if required) – see page 40