

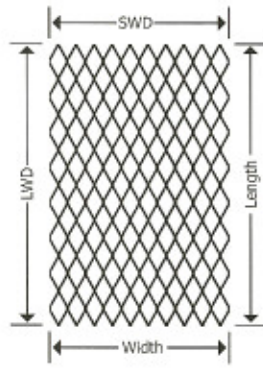
### Terminology

- SWD**- "Short way of diamond, or design" dimension; first number is style designation.
- LWD**- "Long way of diamond, or design" dimension; not used in style designation.
- SWO**- "Short way of opening" dimension; used to indicate clear opening in the short direction.
- LWO**- "Long way of opening" dimension; used to indicate clear opening in the long direction.
- Strand Thickness**- Equal to the thickness of the sheet of metal used. The gauge number or decimal thickness is usually the second number in the style designation.
- Strand Width**- Amount of metal fed under the dies to produce one strand.

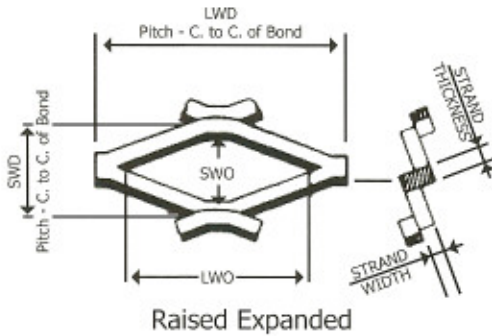
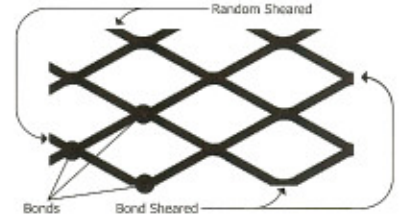
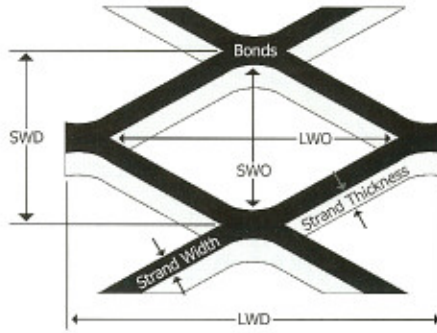
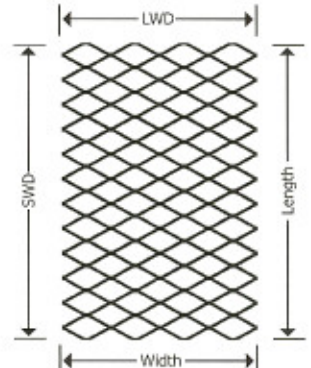
### Shearing Tolerances

- Bond Sheared**: Where two strands intersect. Eliminates prongs or jagged edges.
- Tolerance**: Minus 0 plus 1/2 the design size, either SWD or LWD.
- Special bond tolerances on meshes of 1/4" and under.
- Random Sheared**: This type of shearing leaves prongs or jagged edges. Tolerance:  $\pm 1/16"$ . On grating  $\pm 1/8"$ .
- Standard Sheet Sizes**: 48" SWD x 96" LWD.

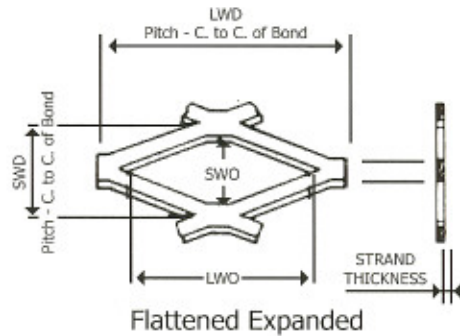
Standard Pattern



Reverse Pattern



Raised Expanded



Flattened Expanded

### How To Order Expanded Metal

- Specify the size sheet required, listing SWD first.  
Example: 4'-0 SWD x 8'-0 LWD
- Specify the number of sheets or pieces required.
- Specify the nominal width of the diamond SWD  
Example: 1/4", 1/2", 3/4", 1", 1 1/2", 2"
- Specify the style of the sheet  
Example: #20, #18, #16, #13, #9
- Specify R (Raised), F (Flattened)
- Specify the type of metal required  
Example: Carbon steel, Stainless steel, Aluminum, etc.

