

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

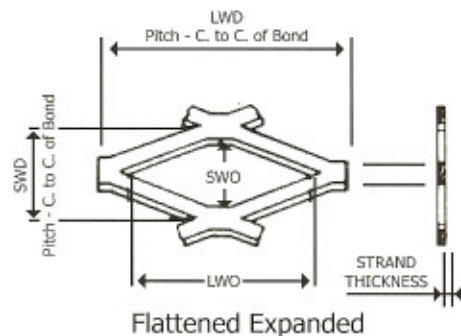
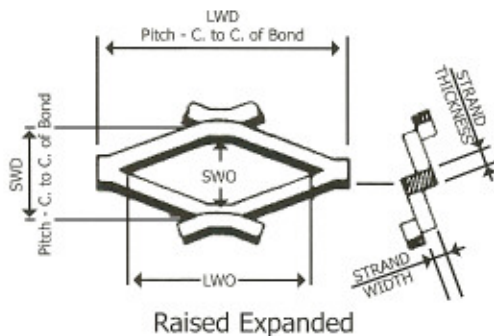
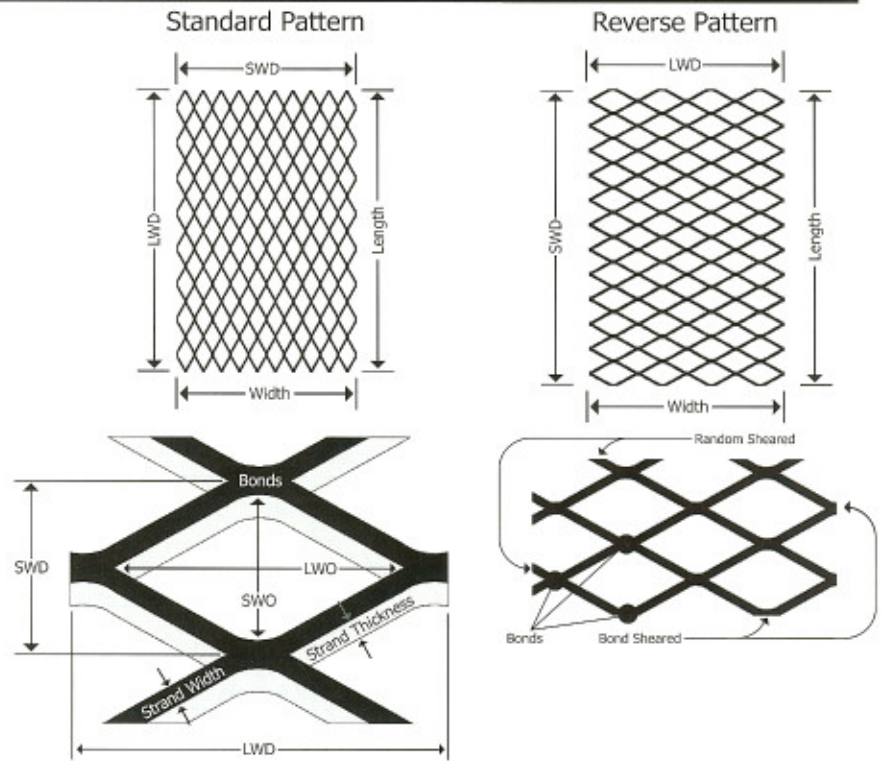
Bond Sheared: Where two strands intersect. Eliminates prongs or jagged edges.

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.



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.

