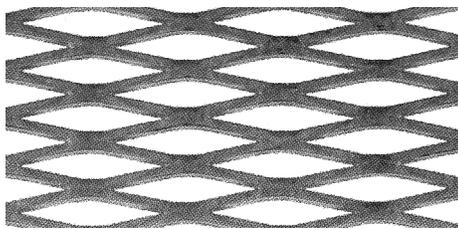
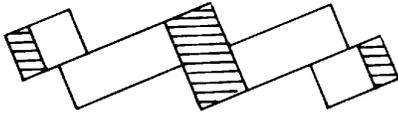
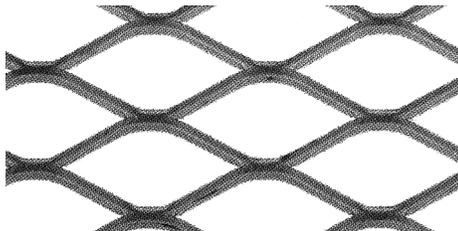


REGULAR EXPANDED METAL

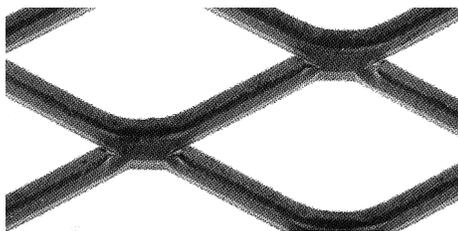
Regular Expanded Metal is a finished product, as it comes from the press after having been die cut and expanded. Illustration shows that the strands and bonds form a sharp angle to the original plane of the solid sheet.



1/4" #20 Regular



1/2" #16 Regular



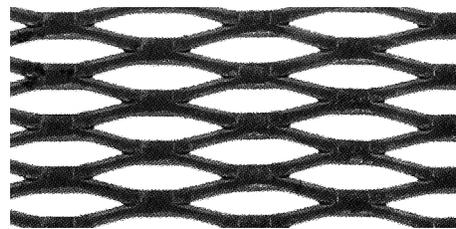
3/4" #13 Regular



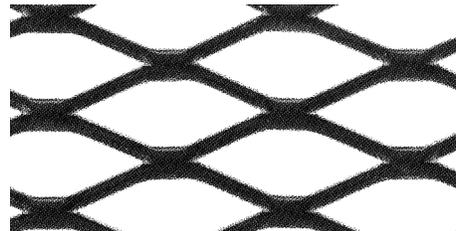
1-1/2" #9 Regular

FLATTENED EXPANDED METAL

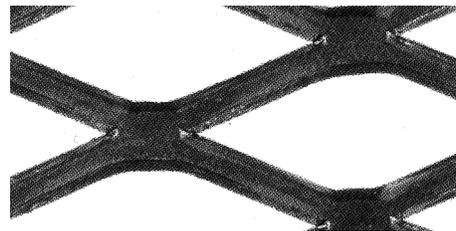
Flattened Expanded Metal is regular expanded metal, which has been cold rolled, leaving a flat, smooth surface.



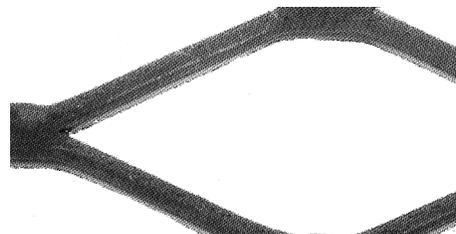
1/4" #20 Flattened



1/2" #16 Flattened



3/4" #13 Flattened



1-1/2" #9 Flattened

Patterns Shown Actual Size

SHEARING

SIDE SHEARING

The process of cutting a piece of expanded metal parallel to the long dimension of the diamond.

Random Side Shearing - Side shearing is a cut made parallel to the LWD dimension of the sheet, which usually leaves open diamonds. Flat expanded metal SWD shearing tolerance is plus or minus 1/8" when both sides are sheared.

Bond Side Shearing - This cut is made along the length of the sheet on the center line of the bond over the specified width. In most cases, it is not practical to attempt to Bond Side Shear either regular or flattened expanded metal because of camber.

END SHEARING

The process of cutting a piece of expanded metal parallel to the short way of the diamond.

End Random Shearing - The process of shearing a piece of expanded metal to a specified length (LWD). This cut normally leaves open diamonds at both ends, but accomplishes close tolerance (plus or minus 1/8") when both ends of flat expanded metal are sheared.

End Bond Shearing - The process of shearing a piece of expanded metal to a specified length (LWD). A plus or minus 1/8" tolerance applies when both ends of flat expanded metal are sheared. One end is cut on the Bond parallel to the SWD, the other end usually has open diamonds.

NOTE: When end bond shearing is requested for both ends of flat expanded metal, the sheet is sheared at the center line of the bond over the specified length. A tolerance minus 0 plus 1/2" diamond applies. It is possible to end bond shear, but extraordinary care must be exercised to maintain the squareness of the sheet.

SQUARENESS

When all four sides of a sheet of expanded metal are sheared, the maximum tolerance will be plus or minus 1/16" per foot of width.

