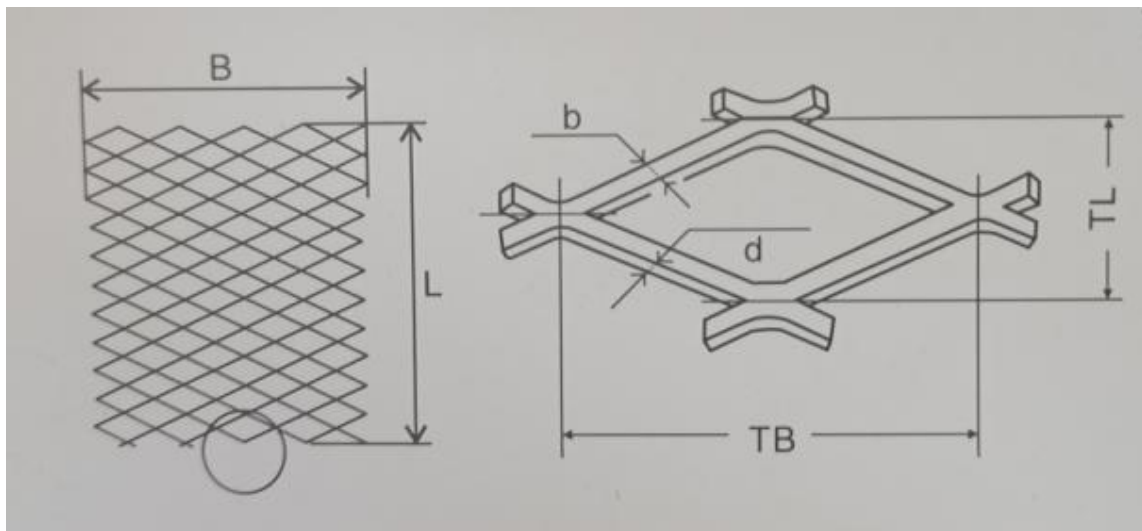


## Expanded Metal Mesh

expanded metal mesh is supplied with diamond, hexagonal, square and decorative openings. Expanded mesh sheets are mainly for decorative facade panels, walkway grate, fencing, automobile, lathing and other uses. Detail specifications, standards, surfaces, finishes and applications.



TL----SWM

TB----LWM

d----Plate Thickness

b----Strand Width

B----Mesh Width

L----Mesh Length

## Standard Expanded Metal

Standard expanded metal, also known as raised expanded metal, is produced by simultaneously slitting and stretching metal sheets or coils. It features a surface of raised diamond-shaped openings. In addition, raised strands form an angle to the

original plane of the solid sheet, adding additional strength and rigidity. It also delivers great anti-skid performance. As a result, it has virtually endless applications including road fences, platforms and stair treads, machine guarding, etc.

### **Flattened Expanded Metal**

Flattened expanded metal is what results when standard expanded metal is put through a cold rolling steel mill to flatten the expanded metal out. During the rolling process, the expanded metal becomes thinner and longer. As a result, flattened expanded metal is flatter and lighter. In actual applications, flattened expanded metal is mostly used in applications requiring lightweight, flexible expanded metal that offers certain strength and durability, such as shelves, window guards, greenhouse benches and dry safety walls.

### **Expanded Metal Grating**

Expanded metal grating is heavy-duty expanded metal produced by slitting and stretching thick steel plate (thickness  $\geq 3$  mm). Compared with standard expanded metal, expanded metal grating has a larger opening and a thicker strand, delivering good anti-skid performance and high load capacity. So, it is perfectly suitable for applications requiring high load capacity

or high walk safety requirements, such as industrial platforms, stair treads, walkways and trailers.

### **Small Hole Expanded Metal (小孔钢板网)**

Small hole expanded metal is a small hole light-duty expanded metal produced by using precision punching and shearing machine through slitting and stretching. It is one of the preferred materials used in building protection and reinforcement design, filter element support and small-scale electric appliance heat dissipation applications.

### **Decorative Expanded Metal (装饰钢板网)**

Decorative expanded metal is a new building decoration material generally made of aluminum or lightweight steel plate after slitting and stretching. It comes in a variety of powder coated, anodized and PVDF finishes, and features lightweight, high load capacity, good corrosion resistance and anti-aging. It not only brings unique charm to buildings, but also offers best practical functions. So, it is an eco-friendly building decoration material popular among architectural designers.