

# JIS

**JAPANESE INDUSTRIAL STANDARD**

**Expanded Metals**

**JIS G 3351—1987**

**Translated and Published**

**by**

**Japanese Standards Association**

In the event of any doubt arising,  
the original Standard in Japanese is to be final authority.

## JAPANESE INDUSTRIAL STANDARD

J I S

## Expanded Metals

G 3351-1987

1. Scope

This Japanese Industrial Standard specifies steel expanded metals to be used for civil engineering, construction and common use to mining and industry. The metal laths specified in JIS A 5505 are excluded from the application of this standard.

2. Types and Symbols

The types of the steel expanded metals and symbols for them shall be as given in Table 1.

Table 1. Types and Symbols

Type	Symbol
Grating	XG
Standard	XS

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Applicable Standards:

JIS A 5505-Metal Lath

JIS G 3101-Rolled Steel for General Structure

JIS G 3131-Hot-rolled Mild Steel Plates, Sheets and Strip

JIS G 3141-Cold Rolled Carbon Steel Sheets and Strip

JIS Z 2201-Test Pieces for Tensile Test for Metallic Materials

JIS Z 2204-Bend Test Pieces for Metallic Materials

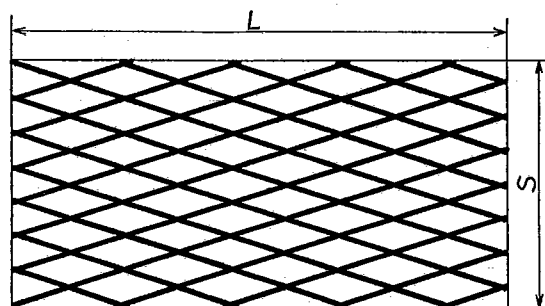
JIS Z 2241-Method of Tensile Test for Metallic Materials

JIS Z 2248-Method of Bend Test for Metallic Materials

2  
G 3351-1987

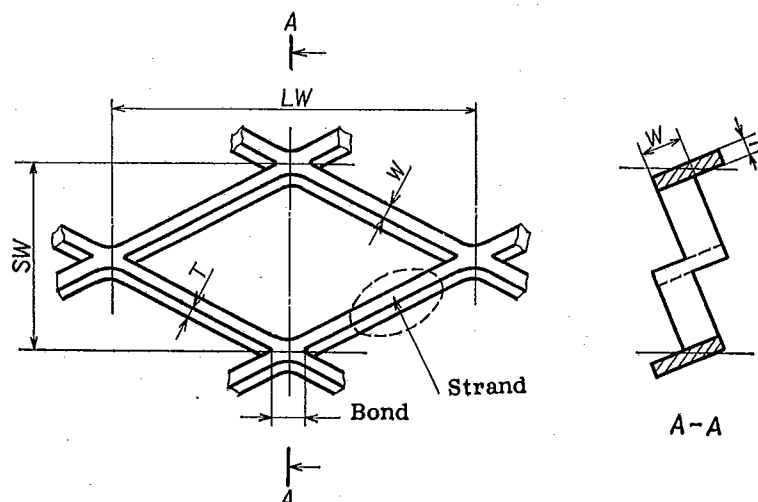
3. Terms of Parts Terms of parts shall conform to Fig. 1 and Fig. 2.

Fig. 1



$S$  : finished length in short diagonal direction of mesh  
 $L$  : finished length in long diagonal direction of mesh

Fig. 2



$T$  : plate thickness  
 $W$  : slitting width  
 $SW$  : intercentral distance in short diagonal direction of mesh  
 $LW$  : intercentral distance in long diagonal direction of mesh

#### 4. Quality

4.1 The expanded metal shall be regular in shape, uniform in slitting width " $W$ " without broken strand and free from harmful rust.

4.2 Chemical composition and mechanical properties of steel sheet and plate to be used for the expanded metal shall be in compliance with JIS G 3101, JIS G 3131 and JIS G 3141.