

# パンチングメタル・エキスパンドメタル

SUS304 BA(板厚0.3mm~2.0mm)・2B(板厚3.0mm) ※一部サイズ2B材・片研#400もごさいます。お問い合わせください。  
アルミ(t=1.2mm以下 A1050、その他 A1100) ●印はSUS304、◎印はアルミ

| サイズ                      | φ(孔径) × P(ピッチ) | 開口率 (%) | 板 厚 |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |
|--------------------------|----------------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|
|                          |                |         | 0.3 | 0.4 | 0.5 | 0.6 | 0.8 | 1.0 | 1.2 | 1.5 | 2.0 | 3.0 |    |    |    |    |    |    |    |    |    |    |    |
| 1m×2m                    | ○ × +          | 32.0    | ●   | ●   | ●◎  | ●   | ●◎  | ●◎  | ●   | ●◎  |     |     |    |    |    |    |    |    |    |    |    |    |    |
|                          | 0.5 × 1.09     | 19.0    | ●   | ●   |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |
|                          | 0.8 × 1.55     | 24.2    |     |     |     | ●   |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |
|                          | 1 × 2          | 22.6    |     |     | ●   | ●   | ●   | ●   | ●   | ●   |     |     |    |    |    |    |    |    |    |    |    |    |    |
|                          | 1.5 × 3        | 22.6    |     |     | ●   |     | ●   | ●   | ●   |     |     |     | ●  |    |    |    |    |    |    |    |    |    |    |
|                          | 2 × 3          | 40.2    |     |     |     |     |     | ●   | ●   | ●◎  | ●   | ●   |    |    |    |    |    |    |    |    |    |    |    |
|                          | 2 × 3.5        | 29.6    |     |     |     | ●   |     |     | ●◎  | ●◎  | ●   | ●   |    |    |    |    |    |    |    |    |    |    |    |
|                          | 2.5 × 4        | 35.4    |     |     |     |     |     |     | ●   | ●   |     |     |    |    |    |    |    |    |    |    |    |    |    |
|                          | 3 × 4          | 50.9    |     |     | ●   |     | ●   | ●◎  | ●◎  |     |     |     |    |    |    |    |    |    |    |    |    |    |    |
|                          | 3 × 5          | 32.6    |     | ●   | ●◎  | ●   | ●◎  | ●◎  | ●◎  | ●◎  | ●◎  | ●◎  | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ |
|                          | 4 × 5          | 57.9    |     |     |     |     |     |     | ●   | ●   |     |     |    |    |    |    |    |    |    |    |    |    |    |
|                          | 4 × 6          | 40.2    |     |     |     |     |     |     | ●   | ●   |     |     |    |    |    |    |    |    |    |    |    |    |    |
|                          | 4 × 7          | 29.6    |     |     |     | ●   |     | ●   | ●◎  | ●   | ●   | ●◎  | ●  | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ |
|                          | 5 × 6          | 62.9    |     |     |     |     |     |     | ●   | ●   |     |     |    |    |    |    |    |    |    |    |    |    |    |
|                          | 5 × 7          | 46.2    |     |     |     |     |     |     | ●   | ●   |     |     |    |    |    |    |    |    |    |    |    |    |    |
|                          | 5 × 8          | 35.4    |     |     | ●   | ●   | ●◎  | ●◎  | ●◎  | ●◎  | ●◎  | ●◎  | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ |
|                          | 6 × 8          | 50.9    |     |     |     |     |     |     | ●   | ●   |     |     |    |    |    |    |    |    |    |    |    |    |    |
|                          | 6 × 9          | 40.2    |     |     |     | ●   |     | ●   | ●◎  | ●   | ●   | ●◎  | ●  | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ |
|                          | 8 × 10         | 57.9    |     |     |     |     |     | ●   | ●   | ●◎  | ●   | ●   |    |    |    |    |    |    |    |    |    |    |    |
|                          | 8 × 12         | 40.2    |     |     |     |     |     |     | ●   | ●   |     | ●◎  | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ |
|                          | 10 × 15        | 40.2    |     |     |     |     |     |     | ●   | ●◎  | ●   | ●◎  | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ |
|                          | 12 × 18        | 40.2    |     |     |     |     |     |     |     |     |     | ●◎  | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ |
|                          | 15 × 20        | 50.9    |     |     |     |     |     |     |     |     |     | ●   | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ |
| 20 × 30                  | 40.2           |         |     |     |     |     |     |     |     |     | ●◎  | ●◎  | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ | ●◎ |    |
| 3角 × 5並列                 | 36.0           |         |     |     |     |     |     |     | ●   |     |     |     |    |    |    |    |    |    |    |    |    |    |    |
| 8角 × 10並列                | 64.0           |         |     |     |     |     |     |     | ●   |     |     |     |    |    |    |    |    |    |    |    |    |    |    |
| 長孔3 × 20                 | 39.7           |         |     |     |     |     |     | ●   |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |
| 4'×8'<br>(1219×2438)     | 3 × 5          | 32.6    |     |     |     |     |     | ●   | ●   | ●   | ●   |     |    |    |    |    |    |    |    |    |    |    |    |
|                          | 5 × 8          | 35.4    |     |     |     |     |     | ●   | ●   | ●   | ●   | ●   | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |
|                          | 6 × 9          | 40.2    |     |     |     |     |     |     |     |     | ●   | ●   | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |
|                          | 10 × 15        | 40.2    |     |     |     |     |     | ●   | ●   | ●   | ●   | ●   | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |
|                          | HL10 × 15SPV   | 40.2    |     |     |     |     |     |     |     |     | ●   |     |    |    |    |    |    |    |    |    |    |    |    |
| アルミ 4'×8'<br>(1250×2500) | 5 × 8          |         |     |     |     |     |     |     |     |     |     |     | ◎  | ◎  |    |    |    |    |    |    |    |    |    |
|                          | 8 × 12         |         |     |     |     |     |     |     |     |     |     |     | ◎  | ◎  |    |    |    |    |    |    |    |    |    |
|                          | 10 × 15        |         |     |     |     |     |     |     |     |     |     |     |    | ◎  |    |    |    |    |    |    |    |    |    |

パンチング

## SUS430 2B

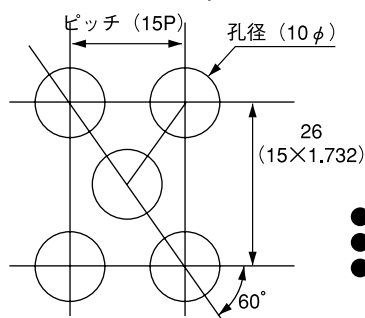
|       |       |      |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |
|-------|-------|------|--|--|--|--|--|---|---|--|--|--|--|--|--|--|--|--|--|--|--|
| 1m×2m | 3 × 5 | 32.6 |  |  |  |  |  | ● | ● |  |  |  |  |  |  |  |  |  |  |  |  |
|       | 5 × 8 | 35.4 |  |  |  |  |  | ● | ● |  |  |  |  |  |  |  |  |  |  |  |  |

上記以外、特注品の製造から切断加工も致します。

### ●孔径、ピッチについて

※60° 千鳥抜き (通常丸孔はこの形状です)

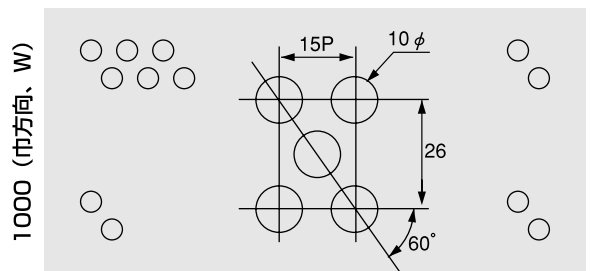
(例) No.58 10φ×15P



- 孔 径: 孔の直径
- ピ ッ チ: 孔の中心から中心迄の長さ
- 60° 千鳥 3つの孔が常に60° の正三角の位置関係

### ●目方向について

2000 (長手方向、L)

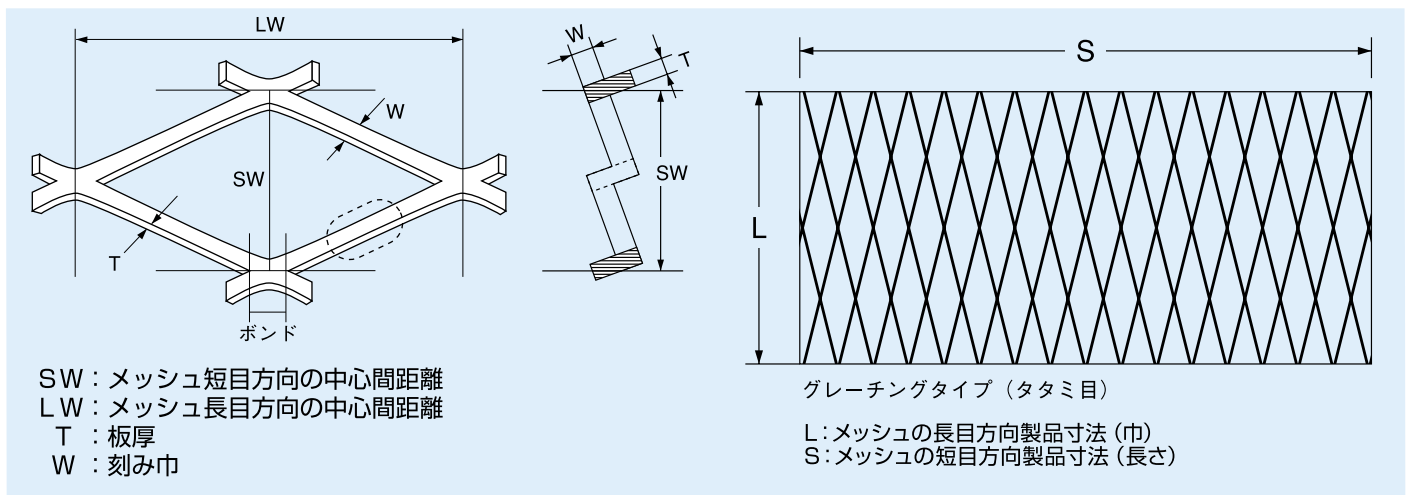


## エキスパンドメタル SUS304

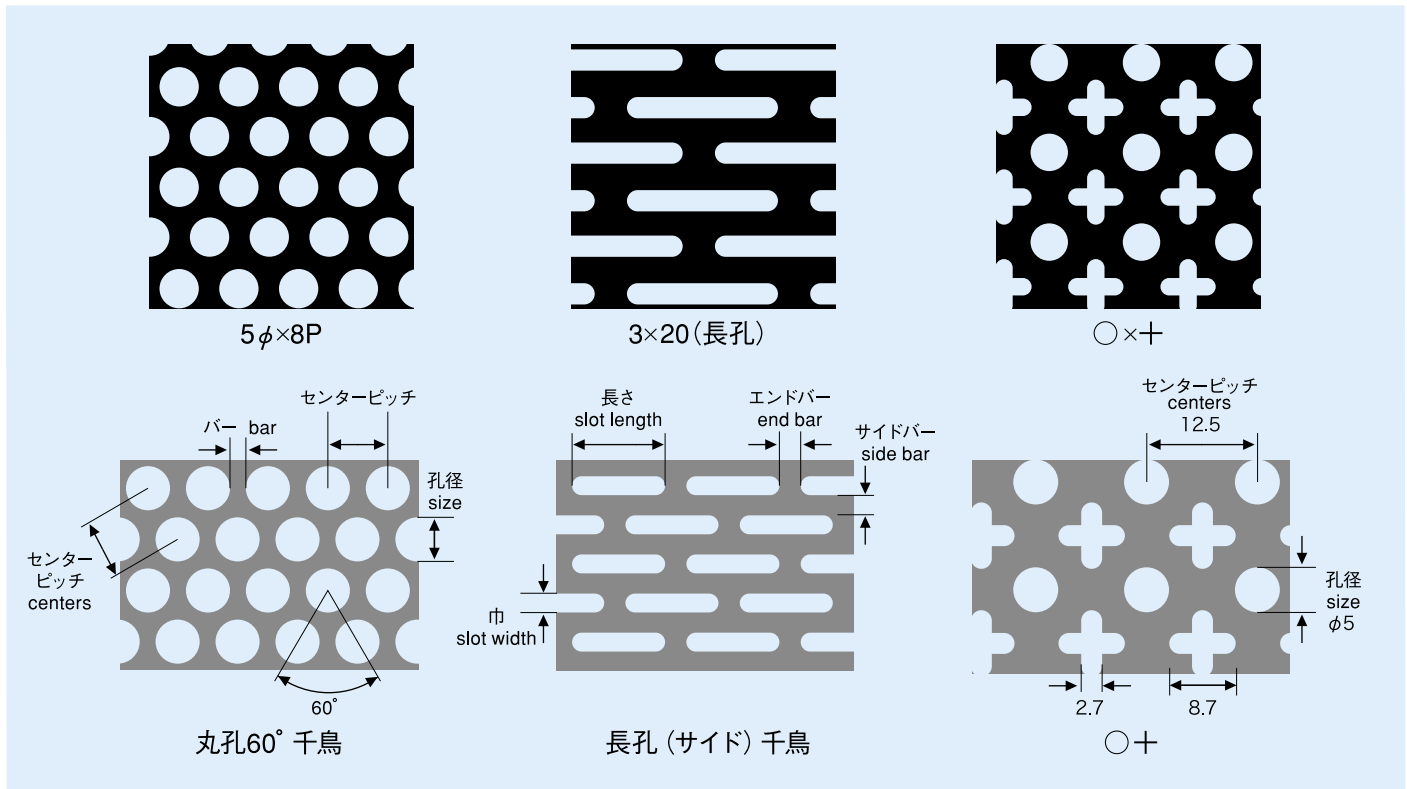
| 品番    | メッシュ              |  | T (板厚) | W (刻み巾) | 1×2 | 4×8 | 素材   |
|-------|-------------------|--|--------|---------|-----|-----|------|
|       | SW (短目) × LW (長目) |  |        |         |     |     |      |
| XS-31 | 12 × 30.5         |  | 1.2    | 1.5     | ●   |     | 2B   |
| XS-32 | 12 × 30.5         |  | 1.5    | 1.8     | ●   |     | 2B   |
| XS-33 | 12 × 30.5         |  | 2.0    | 2.0     | ●   |     | 2B   |
| XS-42 | 22 × 50.8         |  | 2.0    | 2.0     | ●   |     | No.1 |
| XS-43 | 22 × 50.8         |  | 3.0    | 3.0     | ●   | ●   | No.1 |
| XS-62 | 34 × 76.2         |  | 3.0    | 3.0     | ●   |     | No.1 |
| XS-63 | 34 × 76.2         |  | 4.0    | 4.0     | ●   | ●   | No.1 |
| XG-21 | 36 × 101.6        |  | 4.5    | 5.0     | ●   | ●   | No.1 |
| XG-22 | 36 × 101.6        |  | 6.0    | 6.0     | ●   | ●   | No.1 |

※上記以外のサイズ、特注品の製造から切断加工・フラット加工も承ります。  
 ※在庫状況につきましては、お問い合わせください。

### ■エキスパンドメタル各部の名称



### ■パンチングメタル各部の名称



※サイズは左記の表をご覧ください。

### 製品寸法の許容差

予め特約されたものを除き、次の通りといたします。

|      |                |      |                |
|------|----------------|------|----------------|
| L許容差 | +25mm<br>- 0mm | S許容差 | +25mm<br>- 0mm |
|------|----------------|------|----------------|

### ■エキスパンドメタルの重量計算法

$$\text{単位重量} = \frac{\text{鋼板の単位重量}}{\text{引伸率}}$$

$$\text{鋼板の単位重量 (kg/m}^3\text{)} = 7.93 \times T \text{ (kg/m}^3\text{)}$$

$$\text{引伸率} = \frac{SW}{2W}$$