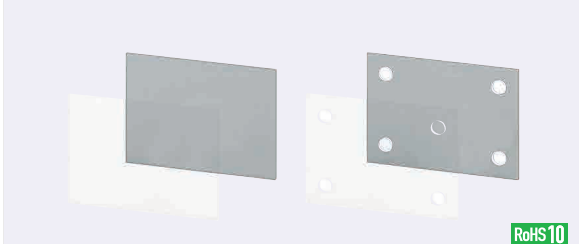


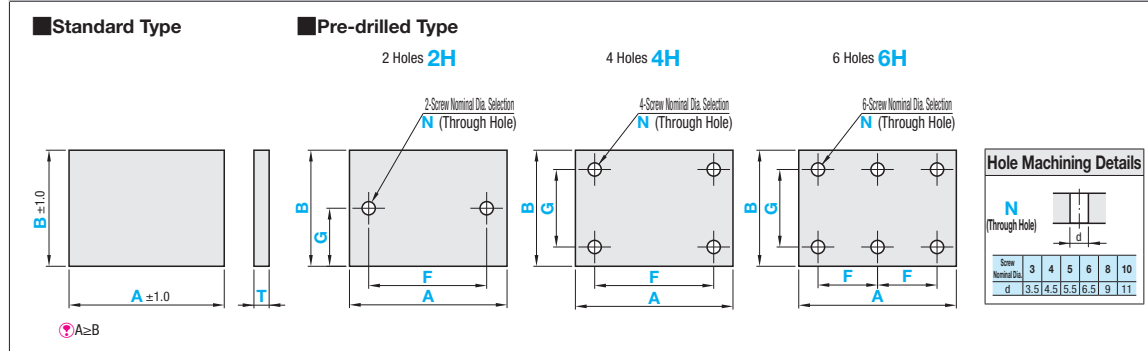
# Plastic Sheets



| Type  | Material                                 | Grade    | Color       | Light Transmittance | Operating Ambient Temperature |
|-------|--|----------|-------------|---------------------|-------------------------------|
| ACSH  | Acrylic                                  | Standard | Transparent | 93%                 | -30~80°C                      |
| PCTSH | Polycarbonate                            |          | Transparent | 90%                 | -30~100°C                     |
| PYSH  | PET                                      |          | Transparent | 87%                 | -15~55°C                      |
| PASH  | Polycetal                                |          | White       | -                   | -45~95°C                      |
| UPSH  | Ultra High-Molecular-weight Polyethylene |          | Milky White | -                   | -100~80°C                     |

Properties P949, 953, 954

RoHS10



| Part Number                           | 1mm Increment |        | T Selection              |            |            |
|---------------------------------------|---------------|--------|--------------------------|------------|------------|
|                                       | A             | B      | ACSH<br>PCTSH<br>PYSH    | PYSH       | UPSH       |
| ACSH<br>PCTSH<br>PYSH<br>PASH<br>UPSH | 20~300        | 20~300 | 0.5<br>1.0<br>1.5<br>2.0 | 0.5<br>1.5 | 1.0<br>2.0 |

| T   | T Dimension Tolerance |               |           |
|-----|-----------------------|---------------|-----------|
|     | ACSH<br>PYSH          | PCTSH<br>PASH | UPSH      |
| 0.5 | ±0.1                  | -             | -         |
| 1.0 | ±0.12                 | -             | -0.2~+0.5 |
| 1.5 | ±0.2                  | -             | -         |
| 2.0 |                       | -             | -0.2~+0.5 |

| Part Number                           | 1mm Increment | T Selection |        |                          | 0.5mm Increment |            | Screw Nominal Dia. Selection |                     |                             |
|---------------------------------------|---------------|-------------|--------|--------------------------|-----------------|------------|------------------------------|---------------------|-----------------------------|
|                                       |               | A           | B      | ACSH<br>PCTSH<br>PASH    | PYSH            | UPSH       | F                            | G                   | N (Through)                 |
| ACSH<br>PCTSH<br>PYSH<br>PASH<br>UPSH |               |             |        | 0.5<br>1.0<br>1.5<br>2.0 | 0.5<br>1.5      | 1.0<br>2.0 | 6~291.5<br>(2H, 4H)          | 4.5~295.5<br>(2H)   | 3<br>4<br>5<br>6<br>8<br>10 |
|                                       |               | 20~300      | 20~300 |                          |                 |            | 6~145.5<br>(6H)              | 6~291.5<br>(4H, 6H) |                             |

- T1.0 and 2.0 are not available for PYSH. Use PYA on P958 instead.
- Dimension F Specification Range: For 2H and 4H,  $d(d_1)+2.5 \leq F \leq A-d(d_1)-5$ ; for 6H,  $d(d_1)+2.5 \leq F \leq (A-d(d_1)-5)/2$ .
- Dimension G Specification Range: For 2H,  $d(d_1)/2+2.5 \leq G \leq B-d(d_1)/2-2.5$ ; for 4H and 6H,  $d(d_1)+2.5 \leq G \leq B-d(d_1)-5$ .
- PASH and UPSH have camber caused by manufacturing process.

Ordering Example

**Standard Type**  
Part Number - A - B - T  
ACSH - 150 - 118 - 1.0

**Pre-drilled Type**  
Part Number - A - B - T - F - G - Screw Nominal Dia.  
ACSH2H - 50 - 25 - 1.5 - F34 - G10 - N4

Alterations

Part Number - A - B - T - F - G - Screw Nominal Dia. - (XC · YC)  
ACSH4H - 200 - 180 - 0.5 - F100 - G140 - N4 - XC30

| Alterations | Hole Position from Left   | Hole Position from Bottom   |
|-------------|---|---|
|             |   |   |
| Code        | XC  | YC  |
| Spec.       | XC = 0.5mm Increment<br>(2H, 4H Type)<br>$d/2+2.5 \leq XC \leq A-F-d/2-2.5$<br>(6H Type)<br>$d/2+2.5 \leq XC \leq A-2F-d/2-2.5$ | YC = 0.5mm Increment<br>$d/2+2.5 \leq YC \leq B-G-d/2-2.5$<br>Not available for 2H. |

Pre-drilled Type Price = Standard Type Unit Price + Hole Machining Charge  
(Ex.) Part Number - A - B - T - F - G - Screw Nominal Dia. >>> (Standard Type Unit Price) + (Hole Machining Charge) = Pre-drilled Type Price  
ACSH2H - 100 - 80 - 0.5 - F65 - G55 - N4

| Hole Machining Charge |                                   |
|-----------------------|-----------------------------------|
| Pre-drilled Type      | Hole Machining Charge N (Through) |
| 2H                    |                                   |
| 4H                    |                                   |
| 6H                    |                                   |

| Part Number | T       | A       | Unit Price |        |         |         |         |         | Part Number | T     | A | Unit Price |        |         |         |         |         |
|-------------|---------|---------|------------|--------|---------|---------|---------|---------|-------------|-------|---|------------|--------|---------|---------|---------|---------|
|             |         |         | B          |        |         |         |         |         |             |       |   | B          |        |         |         |         |         |
|             |         |         | 20-50      | 51-100 | 101-150 | 151-200 | 201-250 | 251-300 |             |       |   | 20-50      | 51-100 | 101-150 | 151-200 | 201-250 | 251-300 |
| ACSH        | 0.5     | 20-50   |            |        |         |         |         | PYSH    | 0.5         | 20-50 |   |            |        |         |         |         |         |
|             |         | 51-100  |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 101-150 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 151-200 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 201-250 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 251-300 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             | 1.0     | 20-50   |            |        |         |         |         |         | 1.5         | 20-50 |   |            |        |         |         |         |         |
|             |         | 51-100  |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 101-150 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 151-200 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 201-250 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 251-300 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
| 1.5         | 20-50   |         |            |        |         |         | 0.5     | 20-50   |             |       |   |            |        |         |         |         |         |
|             | 51-100  |         |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             | 101-150 |         |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             | 151-200 |         |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             | 201-250 |         |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             | 251-300 |         |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
| 2.0         | 20-50   |         |            |        |         |         | 1.0     | 20-50   |             |       |   |            |        |         |         |         |         |
|             | 51-100  |         |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             | 101-150 |         |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             | 151-200 |         |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             | 201-250 |         |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             | 251-300 |         |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
| PCTSH       | 0.5     | 20-50   |            |        |         |         | PASH    | 1.5     | 20-50       |       |   |            |        |         |         |         |         |
|             |         | 51-100  |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 101-150 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 151-200 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 201-250 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 251-300 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             | 1.0     | 20-50   |            |        |         |         |         |         | 2.0         | 20-50 |   |            |        |         |         |         |         |
|             |         | 51-100  |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 101-150 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 151-200 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 201-250 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 251-300 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
| 1.5         | 20-50   |         |            |        |         |         | 1.0     | 20-50   |             |       |   |            |        |         |         |         |         |
|             | 51-100  |         |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             | 101-150 |         |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             | 151-200 |         |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             | 201-250 |         |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             | 251-300 |         |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
| 2.0         | 20-50   |         |            |        |         |         | 0.5     | 20-50   |             |       |   |            |        |         |         |         |         |
|             | 51-100  |         |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             | 101-150 |         |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             | 151-200 |         |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             | 201-250 |         |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             | 251-300 |         |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
| UPSH        | 0.5     | 20-50   |            |        |         |         | 1.5     | 20-50   |             |       |   |            |        |         |         |         |         |
|             |         | 51-100  |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 101-150 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 151-200 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 201-250 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 251-300 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             | 1.0     | 20-50   |            |        |         |         |         |         | 2.0         | 20-50 |   |            |        |         |         |         |         |
|             |         | 51-100  |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 101-150 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 151-200 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 201-250 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |
|             |         | 251-300 |            |        |         |         |         |         |             |       |   |            |        |         |         |         |         |