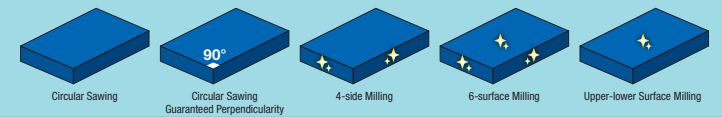


# MC Nylon® Plates

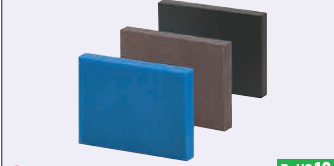
Standard / Sliding / High Strength / Conductivity / Weather Resistance Grade



MC Nylon® is the most general material in engineered plastics and is used for various industrial purposes. For Finishing, Circular Sawing and Milling are available.

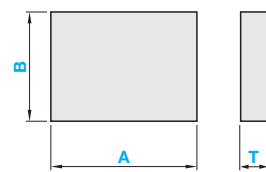
\*For Details of color samples and features, see P951.

## Standard Type



Properties P953  
For Plastic Blocks, see P1024.

| Type  | Grade / Material                             | Color      | Operating Ambient Temperature |
|-------|--|------------|-------------------------------|
| MCA   | Standard / MC901                             | Blue       | -40~120°C                     |
| MCAW  | Standard / MC900NC                           | Ivory      | -40~120°C                     |
| MCAS  | Sliding / MC703HL                            | Purple     | -40~120°C                     |
| MCAY  | High Strength / MC602ST                      | Dark Brown | Ambient Temp. ~150°C          |
| MCAPS | Weather Resistance / MC801                   | Dark Gray  | Ambient Temp. ~120°C          |
| MCCA  | Conductivity CDR2 / MCS01CDR2                | Black      | Ambient Temp. ~120°C          |
| MCDA  | Antistatic CDR6 / MCS01CDR6                  | Black      | Ambient Temp. ~120°C          |
| MCEA  | Antistatic / Heat Resistant CDR9 / MCS01CDR9 | Black      | Ambient Temp. ~150°C          |



| Dimension Tolerance of A and B |               |                          | Dimension Tolerance, Rate of Camber and Torsion |                       |  |
|--------------------------------|---------------|--------------------------|---|-----------------------|--|
| T                              | A, B Unit: mm | A, B Dimension Tolerance | T   | T Dimension Tolerance | Rate of Camber and Torsion per 1,000mm |
| 5~30                           | ~99           | ±0.5                     | 5, 7, 10  | 0~+1.5                | 1.2% or Less                           |
|                                | 100~250       | ±0.75                    | 12, 15, 20                                      | 0~+1.5                | 1.0% or Less                           |
|                                | 251~          | ±1.0                     | 25, 30  | 0~+2.0                | 0.4% or Less                           |
| 40~60                          | ~300          | 0~+5                     | 40, 50, 60                                      | 0~+3.0                | 0.4% or Less                           |

| Finish  | 4 Sides         |               | Upper-lower Surface |               |
|---|-----------------|---------------|---------------------|---------------|
|   | Drilling Method | Finish Symbol | Drilling Method     | Finish Symbol |
| Circular Sawing (-)                                   | Circular Sawing | ✓             | Material            | ~             |
| Guaranteed Perpendicularity of Circular Saw Cuts (NT) | Circular Sawing | ✓             | Material            | ~             |
| 4-side Milling (4F)                                   | Milling         | ✓             | Material            | ~             |
| 6-surface Milling (6F)                                | Milling         | ✓             | Milling             | ✓             |
| Upper-lower Surface Milling (2F)                      | Circular Sawing | ✓             | Milling             | ✓             |

| Finish                 | Precision Guarantee |                                     |
|------------------------|---------------------|-------------------------------------|
|                        | Width Parallelism   | Perpendicularity of Reference Plane |
| 4-side Milling (4F)    | 0.1                 | 0.1                                 |
| 6-surface Milling (6F) | 0.1                 | 0.1                                 |

Reference plane stickers are attached to 4-side milled plates.

## Standard Type

| Type  | Part Number   |                                | Dimension Range by Material    | A                                   | B                   | T      |                              |                              |
|---|---|--------------------------------|--------------------------------|-------------------------------------|---------------------|--------|------------------------------|------------------------------|
|   | Finish Symbol Selection                               | T Dimension Tolerance          |                                |                                     |                     |        |                              |                              |
| MCA (Standard, Blue)<br>MCAW (Standard, Ivory)<br>MCAS (Sliding)<br>MCAY (High Strength)<br>MCAPS (Weather Resistance)<br>MCCA (Conductivity CDR2)<br>MCDA (Antistatic CDR6)<br>MCEA (Antistatic / Heat Resistant CDR9) | Circular Sawing                                       |                                | 1mm Increment                  | Selectable                          |                     |        |                              |                              |
|   | -   | Not available                  | Not available                  | MCA                                 | 20~500              | 20~400 | 5, 7, 10, 12, 15, 20, 25, 30 |                              |
|   |   |                                |                                | MCEA                                | 20~500              | 20~400 | 10, 12, 15, 20, 25           |                              |
|   |   |                                |                                | Others                              | 20~500              | 20~400 | 5, 7, 10, 12, 15, 20, 25, 30 |                              |
|   | Guaranteed Perpendicularity of Circular Saw Cuts (NT) |                                |                                | 0.5mm Increment                     | Selectable          |        |                              |                              |
|   | NT  | Not available                  | Q 0~+0.3<br>N ±0.2<br>M -0.3~0 | T5, 7, 10<br>T12, 15, 20<br>T25, 30 | MCEA                | 20~500 | 20~400                       | 10, 12, 15, 20, 25           |
|   |   |                                |                                |                                     | Others              | 20~500 | 20~400                       | 5, 7, 10, 12, 15, 20, 25, 30 |
|   |   |                                |                                |                                     | 4-side Milling (4F) |        |                              | 0.1mm Increment              |
|   | 4F  | Not available                  | Q 0~+0.2<br>N ±0.1<br>M -0.2~0 | MCEA                                | 10~400              | 10~200 | 10, 12, 15, 20, 25           |                              |
|   |   |                                |                                |                                     | Others              | 10~400 | 10~200                       | 5, 7, 10, 12, 15, 20, 25, 30 |
| 6-surface Milling (6F)  |   |                                | 0.1mm Increment                | 0.1mm Increment                     |                     |        |                              |                              |
| 6F  | Q 0~+0.2<br>N ±0.1<br>M -0.2~0                        | Q 0~+0.2<br>N ±0.1<br>M -0.2~0 | MCEA                           | 10~400                              | 10~200              | 10~24  |                              |                              |
|   |   |                                |                                | Others                              | 10~400              | 10~200 | 5~29                         |                              |
| Upper-lower Surface Milling (2F)  |   |                                | 1mm Increment                  | 0.1mm Increment                     |                     |        |                              |                              |
| 2F  | Q 0~+0.2<br>N ±0.1<br>M -0.2~0                        | Not available                  | MCEA                           | 20~400                              | 20~250              | 10~24  |                              |                              |
|   |   |                                |                                | Others                              | 20~400              | 20~250 | 5~29                         |                              |

| Alterations                                      | Part Number | A     | B     | T    |
|--|-------------|-------|-------|------|
| Circular Sawing                                  | MCA         | 300   | 200   | 40   |
| Guaranteed Perpendicularity of Circular Saw Cuts | MCANTQ      | 200.5 | 100.5 | 10   |
| 4-side Milling                                   | MCA4FN      | 150.5 | 100.3 | 15   |
| 6-surface Milling                                | MCA6FMM     | 100.3 | 90.5  | 10.5 |
| Upper-lower Surface Milling                      | MCA2FQ      | 80    | 50    | 5    |

T40, 50 and 60 may have steps on cut surfaces.

| Alterations | Corner Radius  |     | Corner Cut  |     |
|-------------|--|-----|---|-----|
|             | CRA  | CRB | CCA   | CCB |
| Code        | CRA, CRB, CRC, CRD   |     | CCA, CCB, CCC, CCD  |     |
| Spec.       | Adds radius to any corner. R = 5mm Increment (10≤A(B)-R(2R))<br>5≤CRA, CRB, CRC, CRD≤100<br>(Ex.) Adds R10 at the corner of A and C. CRA10-CRC10<br>Not applicable to 4-surface milling or 6-surface milling.<br>Not applicable to T40, 50 and 60. |     | Cuts any corners. 5≤Corner Cut≤50<br>10≤A-C or 10≤B-C<br>5mm Increment<br>(Ex.) When the corners of A and D are cut by C5→CCA5-CCD5<br>Not applicable to 4-surface milling or 6-surface milling.<br>Not applicable to T40, 50 and 60. |     |

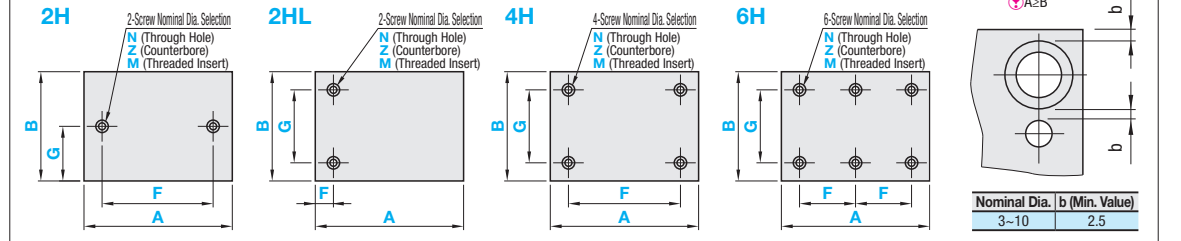
## Pre-drilled Type



Properties P953  
RoHS 10

| Type  | Grade / Material                             | Color      | Operating Ambient Temperature |
|-------|--|------------|-------------------------------|
| MCA   | Standard / MC901                             | Blue       | -40~120°C                     |
| MCAW  | Standard / MC900NC                           | Ivory      | -40~120°C                     |
| MCAS  | Sliding / MC703HL                            | Purple     | -40~120°C                     |
| MCAY  | High Strength / MC602ST                      | Dark Brown | Ambient Temp. ~150°C          |
| MCAPS | Weather Resistance / MC801                   | Dark Gray  | Ambient Temp. ~120°C          |
| MCCA  | Conductivity CDR2 / MCS01CDR2                | Black      | Ambient Temp. ~120°C          |
| MCDA  | Antistatic CDR6 / MCS01CDR6                  | Black      | Ambient Temp. ~120°C          |
| MCEA  | Antistatic / Heat Resistant CDR9 / MCS01CDR9 | Black      | Ambient Temp. ~150°C          |

| Dimension Tolerance of A and B |               |                          | Dimension Tolerance, Rate of Camber and Torsion |                       |  |
|--------------------------------|---------------|--------------------------|---|-----------------------|--|
| T                              | A, B Unit: mm | A, B Dimension Tolerance | T   | T Dimension Tolerance | Rate of Camber and Torsion per 1,000mm |
| 5~30                           | ~99           | ±0.5                     | 5, 7, 10  | 0~+1.5                | 1.2% or Less                           |
|                                | 100~250       | ±0.75                    | 12, 15, 20                                      | 0~+1.5                | 1.0% or Less                           |
|                                | 251~          | ±1.0                     | 25, 30  | 0~+2.0                | 0.4% or Less                           |



| Finish                      | 4 Sides         |               | Upper-lower Surface |               |
|-----------------------------|-----------------|---------------|---------------------|---------------|
|                             | Drilling Method | Finish Symbol | Drilling Method     | Finish Symbol |
| Circular Sawing             | Circular Sawing | ✓             | Material            | ~             |
| Upper-lower Surface Milling | Circular Sawing | ✓             | Milling             | ✓             |

| Hole Machining Details  |                      | Table 1 M (Threaded Insert) Details |                     |     |    |    |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |
|---|----------------------|-------------------------------------|---------------------|-----|----|----|----|---|-----|-----|-----|-----|---|----|----|-----|---|-----|----|----|---|---|---|---|---|---|---|---|---|--------------------|---|---|---|---|---|----|---|-----|-----|-----|-----|---|----|----|-----|---|-----|----|----|---|---|---|---|---|---|---|---|---|--------------------|---|---|---|---|---|----|---|-----|-----|-----|-----|---|----|----|-----|---|-----|----|----|---|---|---|---|---|---|---|---|---|--------------------|---|---|---|---|---|----|---|-----|-----|-----|-----|---|----|----|-----|---|-----|----|----|---|---|---|---|---|---|---|---|
| N (Through Hole)  | Z (Counterbore Hole) | M (Threaded Insert)                 | L (Threaded Insert) |     |    |    |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |
| <table border="1"> <tr><th>Screw Nominal Dia.</th><th>3</th><th>4</th><th>5</th><th>6</th><th>8</th><th>10</th></tr> <tr><td>d</td><td>3.5</td><td>4.5</td><td>5.5</td><td>6.5</td><td>9</td><td>11</td></tr> <tr><td>d1</td><td>6.5</td><td>8</td><td>9.5</td><td>11</td><td>14</td><td>-</td></tr> <tr><td>h</td><td>4</td><td>5</td><td>6</td><td>7</td><td>9</td><td>-</td></tr> </table> | Screw Nominal Dia.   | 3                                   | 4                   | 5   | 6  | 8  | 10 | d | 3.5 | 4.5 | 5.5 | 6.5 | 9 | 11 | d1 | 6.5 | 8 | 9.5 | 11 | 14 | - | h | 4 | 5 | 6 | 7 | 9 | - | <table border="1"> <tr><th>Screw Nominal Dia.</th><th>3</th><th>4</th><th>5</th><th>6</th><th>8</th><th>10</th></tr> <tr><td>d</td><td>3.5</td><td>4.5</td><td>5.5</td><td>6.5</td><td>9</td><td>11</td></tr> <tr><td>d1</td><td>6.5</td><td>8</td><td>9.5</td><td>11</td><td>14</td><td>-</td></tr> <tr><td>h</td><td>4</td><td>5</td><td>6</td><td>7</td><td>9</td><td>-</td></tr> </table> | Screw Nominal Dia. | 3 | 4 | 5 | 6 | 8 | 10 | d | 3.5 | 4.5 | 5.5 | 6.5 | 9 | 11 | d1 | 6.5 | 8 | 9.5 | 11 | 14 | - | h | 4 | 5 | 6 | 7 | 9 | - | <table border="1"> <tr><th>Screw Nominal Dia.</th><th>3</th><th>4</th><th>5</th><th>6</th><th>8</th><th>10</th></tr> <tr><td>d</td><td>3.5</td><td>4.5</td><td>5.5</td><td>6.5</td><td>9</td><td>11</td></tr> <tr><td>d1</td><td>6.5</td><td>8</td><td>9.5</td><td>11</td><td>14</td><td>-</td></tr> <tr><td>h</td><td>4</td><td>5</td><td>6</td><td>7</td><td>9</td><td>-</td></tr> </table> | Screw Nominal Dia. | 3 | 4 | 5 | 6 | 8 | 10 | d | 3.5 | 4.5 | 5.5 | 6.5 | 9 | 11 | d1 | 6.5 | 8 | 9.5 | 11 | 14 | - | h | 4 | 5 | 6 | 7 | 9 | - | <table border="1"> <tr><th>Screw Nominal Dia.</th><th>3</th><th>4</th><th>5</th><th>6</th><th>8</th><th>10</th></tr> <tr><td>d</td><td>3.5</td><td>4.5</td><td>5.5</td><td>6.5</td><td>9</td><td>11</td></tr> <tr><td>d1</td><td>6.5</td><td>8</td><td>9.5</td><td>11</td><td>14</td><td>-</td></tr> <tr><td>h</td><td>4</td><td>5</td><td>6</td><td>7</td><td>9</td><td>-</td></tr> </table> | Screw Nominal Dia. | 3 | 4 | 5 | 6 | 8 | 10 | d | 3.5 | 4.5 | 5.5 | 6.5 | 9 | 11 | d1 | 6.5 | 8 | 9.5 | 11 | 14 | - | h | 4 | 5 | 6 | 7 | 9 | - |
| Screw Nominal Dia.  | 3                    | 4                                   | 5                   | 6   | 8  | 10 |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |
| d   | 3.5                  | 4.5                                 | 5.5                 | 6.5 | 9  | 11 |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |
| d1  | 6.5                  | 8                                   | 9.5                 | 11  | 14 | -  |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |
| h   | 4                    | 5                                   | 6                   | 7   | 9  | -  |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |
| Screw Nominal Dia.  | 3                    | 4                                   | 5                   | 6   | 8  | 10 |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |
| d   | 3.5                  | 4.5                                 | 5.5                 | 6.5 | 9  | 11 |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |
| d1  | 6.5                  | 8                                   | 9.5                 | 11  | 14 | -  |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |
| h   | 4                    | 5                                   | 6                   | 7   | 9  | -  |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |
| Screw Nominal Dia.  | 3                    | 4                                   | 5                   | 6   | 8  | 10 |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |
| d   | 3.5                  | 4.5                                 | 5.5                 | 6.5 | 9  | 11 |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |
| d1  | 6.5                  | 8                                   | 9.5                 | 11  | 14 | -  |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |
| h   | 4                    | 5                                   | 6                   | 7   | 9  | -  |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |
| Screw Nominal Dia.  | 3                    | 4                                   | 5                   | 6   | 8  | 10 |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |
| d   | 3.5                  | 4.5                                 | 5.5                 | 6.5 | 9  | 11 |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |
| d1  | 6.5                  | 8                                   | 9.5                 | 11  | 14 | -  |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |
| h   | 4                    | 5                                   | 6                   | 7   | 9  | -  |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |    |   |     |     |     |     |   |    |    |     |   |     |    |    |   |   |   |   |   |   |   |   |

## Pre-drilled Type

| Type  | Part Number                          |   | A   | B          | T Dimension Range by Material | T               | F   | G                                       |
|---|--------------------------------------|---|---|------------|-------------------------------|-----------------|---|---|
|   | Finish Symbol Selection              | T Dimension Tolerance                         |   |            |                               |                 |   |   |
| MCA (Standard, Blue)<br>MCAW (Standard, Ivory)<br>MCAS (Sliding)<br>MCAY (High Strength)<br>MCAPS (Weather Resistance)<br>MCCA (Conductivity CDR2)<br>MCDA (Antistatic CDR6)<br>MCEA (Antistatic / Heat Resistant CDR9) | Circular Sawing                      |   | 1mm Increment                                 | Selectable |                               | 0.5mm Increment |   |   |
|   | -                                    | Not available                                 | 2H (Horizontal)<br>2HL (Vertical)<br>4H<br>6H | 20~500     | 20~400                        | MCEA            | 10, 12, 15, 20, 25  |   |
|   |                                      |   |   |            |                               |                 | Others  | 5, 7, 10, 12, 15, 20, 25, 30            |
|   |                                      |   |   |            |                               |                 | Upper-lower Surface Milling (2F)                              |   |
|   | 2FQ 0~+0.2<br>2FN ±0.1<br>2FM -0.2~0 | 2H (Horizontal)<br>2HL (Vertical)<br>4H<br>6H | 20~400  | 20~250     | MCEA                          | 10~24           |   |   |
|   |                                      |   |   |            |                               | Others          | 5~29  |   |
| Upper-lower Surface Milling (2F)  |                                      | 1mm Increment                                 | 0.1mm Increment                               |            | 0.5mm Increment               |                 |   |   |
| 2F  | Q 0~+0.2<br>N ±0.1<br>M -0.2~0       | Not available                                 | MCEA  | 20~400     | 20~250                        | 10~24           | 4.5~395.5 (2H, 4H)<br>4.5~395.5 (2HL, 4H, 6H)<br>6~245.5 (6H) |   |
|   |                                      |   |   | Others     | 20~400                        | 20~250          | 5~29  | 4.5~245.5 (2H)<br>6~241.5 (2HL, 4H, 6H) |

Dimension F Specification Range: For 2H and 4H,  $d(d1)+2.5 \leq F \leq A-d(d1)-5$ ; for 2HL,  $d(d1)/2+2.5 \leq F \leq A-d(d1)/2-2.5$ ; for 6H,  $d(d1)+2.5 \leq F \leq (A-d(d1)-5)/2$ .  
Dimension G Specification Range: For 2H,  $d(d1)/2+2.5 \leq G \leq B-d(d1)/2-2.5$ ; for 2HL, 4H and 6H,  $d(d1)+2.5 \leq G \leq B-d(d1)-5$ .  
For Pre-drilled Type, select N (through hole) or Z (counterbore hole); for Threaded Insert Type, select M (threaded insert) or L (insertion length).

| T Dimension | Pre-drilled Hole Nominal Dia. |                  |                 |   |
|-------------|-------------------------------|------------------|-----------------|---|
|             | Through Hole                  | Counterbore Hole | Threaded Insert |   |
| 5~6         | 3                             | -                | 3               | 4 |
| 7~9         | 4                             | -                | 3               | 4 |
|             | 5                             | 3 4              | 3               | 4 |
| 10~14       | 6                             | 4 5 6            | 3               | 4 |
|             | 8                             | 4 5 6            | 3               | 4 |
| 15~30       | 8                             | 4 5 6 8          | 3               | 4 |
|             | 10                            | 4 5 6 8          | 3               | 4 |

| Alterations      | Pre-drilled Type   |  |
|------------------|--|--|
|                  | Ordering Example   | Part Number                              |
| Ordering Example | Part Number - A - B - T - F - G - Screw Nominal Dia. - L | MCA4H - 200 - 155 - 5 - F160 - G120 - N4 |
|                  | MCA4H - 500 - 300 - 10 - F300 - G200 - M5 - L7.5         |  |

| Alterations      | Pre-drilled Type   |   |
|------------------|--|---|
|                  | Ordering Example   | Part Number                                 |
| Ordering Example | Part Number - A - B - T - F - G - Screw Nominal Dia. - (XC · YC) | MCA2H - 50 - 40 - 5 - F10 - G20 - N3 - XC10 |

| Alterations      | Hole Position from Left                                  |  | Hole Position from Bottom                                |  |
|------------------|--|--|--|--|
|                  | XC   | YC   | XC   | YC   |
| Ordering Example | Part Number - A - B - T - F - G - Screw Nominal Dia. - L | Part Number - A - B - T - F - G - Screw Nominal Dia. - L | Part Number - A - B - T - F - G - Screw Nominal Dia. - L | Part Number - A - B - T - F - G - Screw Nominal Dia. - L |
|                  | MCA4H - 200 - 155 - 5 - F160 - G120 - N4                 | MCA4H - 500 - 300 - 10 - F300 - G200 - M5 - L7.5         | MCA2H - 50 - 40 - 5 - F10 - G20 - N3 - XC10              | MCA2H - 50 - 40 - 5 - F10 - G20 - N3 - XC10              |