
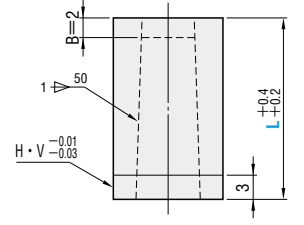
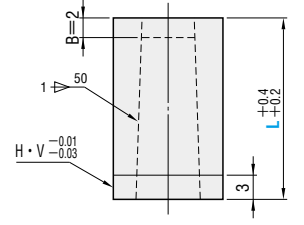
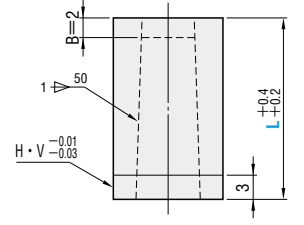
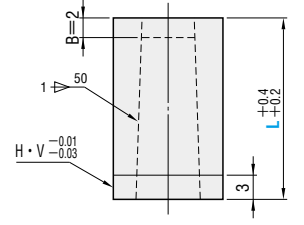
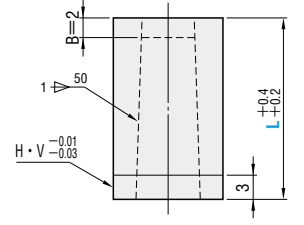
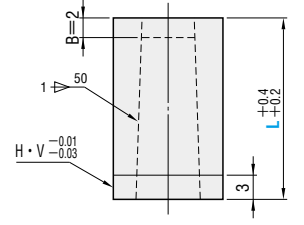

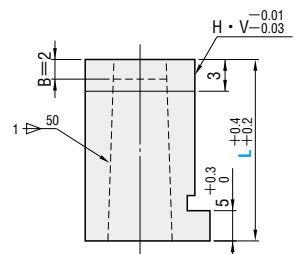
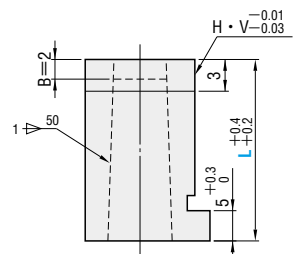
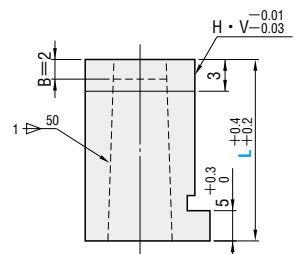
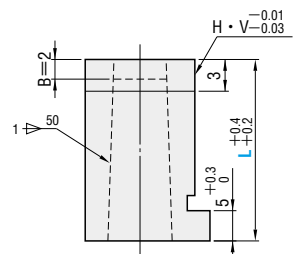
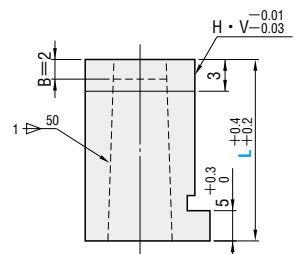
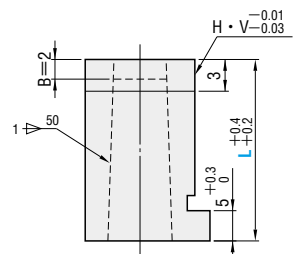


BLOCK DIES

| —Straight— | RoHS | M H | Catalog No. | | Equivalent to SKD11 60 ~ 63HRC | Equivalent to SKD11 64 ~ 67HRC |
|---|---|---|-------------|--------------------------------------|--|--|
| | | | A | D R E G | | |
|  | RoHS <td rowspan="2">M H <td>BLD</td> <td>BLDD BLDR BLDE BLDG</td> <td rowspan="2">  </td> <td rowspan="2">  </td> </td> | M H <td>BLD</td> <td>BLDD BLDR BLDE BLDG</td> <td rowspan="2">  </td> <td rowspan="2">  </td> | BLD | BLDD BLDR BLDE BLDG |  |  |
| | | | PBLD | PBLDD PBLDR PBLDE PBLDG | | |
| —Single flange— | RoHS | M H | Catalog No. | | Equivalent to SKD11 60 ~ 63HRC | Equivalent to SKD11 64 ~ 67HRC |
|  | RoHS <td rowspan="2">M H <td>BLDF</td> <td>BLDDF BLDRF BLDEF BLDGF</td> <td rowspan="2">  </td> <td rowspan="2">  </td> </td> | M H <td>BLDF</td> <td>BLDDF BLDRF BLDEF BLDGF</td> <td rowspan="2">  </td> <td rowspan="2">  </td> | BLDF | BLDDF BLDRF BLDEF BLDGF |  |  |
| | | | PBLDF | PBLDDF PBLDRF PBLDEF PBLDGF | | |

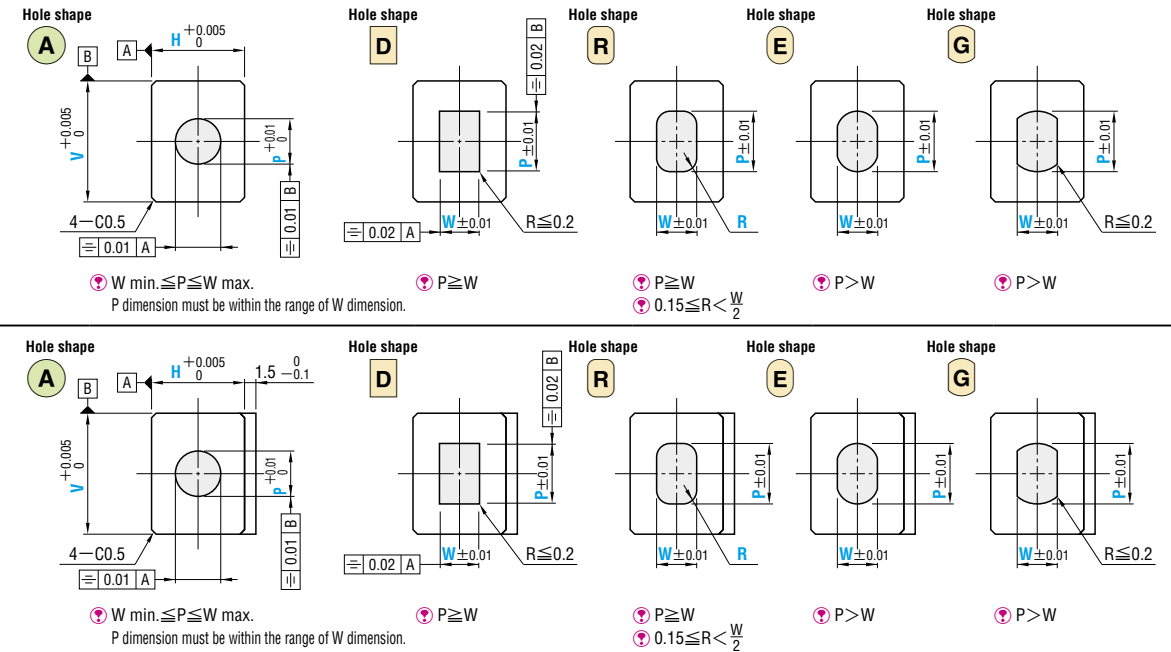
| Catalog No. | H | V | | R | | | | | | | | L |
|---------------------------|----|--------------|-------------|------|------|------|------|-------|-------|-------|----------------|----|
| | | min. W | max. P | 6 | 8 | 10 | 13 | 16 | 20 | 25 | | |
| Straight type | 6 | 1.00 ~ 3.00 | min. P max. | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.50 | 1.50 | 0.15 ≤ R < W/2 | 16 |
| Single flange type | 8 | 1.00 ~ 4.00 | | 3.00 | 4.00 | 6.00 | 8.00 | 10.00 | 12.00 | 16.00 | | 20 |
| A BLD PBLD BLDF PBLDF | 10 | 1.00 ~ 6.00 | | | | | | | | | | 22 |
| D BLDD PBLDD BLDDF PBLDDF | 13 | 1.00 ~ 8.00 | | | | | | | | | | 25 |
| R BLDR PBLDR BLDRF PBLDRF | 16 | 1.00 ~ 10.00 | | | | | | | | | | 30 |
| E BLDE PBLDE BLDEF PBLDEF | 20 | 1.50 ~ 12.00 | | | | | | | | | | 35 |
| G BLDG PBLDG BLDGF PBLDGF | 25 | 1.50 ~ 16.00 | | | | | | | | | | |

Days to Ship **Quotation**

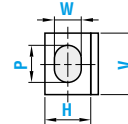
Alterations Catalog No. V H L(LC) P-W-R (BC-HC, etc.)
BLDF 08 06 - LC21.5 - P1.20 - PKC - ANF1.2

| Alteration | Code | A | D R E G | 1Code |
|----------------------------|------|--|--|-------|
| Alterations to shaped hole | BC | Shaped hole depth change 0 ≤ BC ≤ 4 0.1mm increments | | |
| | PKC | Shaped hole tolerance change P +0.01 → +0.005 0 → 0 | Shaped hole tolerance change P - W ± 0.01 → +0.01 0 | |
| | HVC | | H and V are reversed relative to shaped hole. P dimension is machined in direction H and W dimension is machined in direction V. P ≤ W max. Cannot be used if shaped hole is not at center of shank. | |
| Alterations to full length | LC | Full length change 10 ≤ LC < L 0.1mm increments (If combined with LKC-LKZ, 0.01mm increments can be selected.) For single flange types, if LC ≤ 12 then press-in lead is not included. | | |
| | LKC | Full length tolerance change L +0.4 → +0.05 +0.2 → 0 | | |
| | LKZ | Full length tolerance change L +0.4 → +0.01 +0.2 → 0 | | |

| Alteration | Code | A | D R E G | 1Code | | | | | | | | | | | | | | | | |
|-----------------------|--------|---|--|-------|--------|---|-----|---|-----|----|-----|----|-----|----|------|----|------|----|------|--|
| Alterations to flange | HC | Flange width change 0 ≤ HC < 1.5 0.1mm increments | | | | | | | | | | | | | | | | | | |
| | TC | Flange thickness change 2 ≤ TC < 5 0.1mm increments (If combined with TKC-TKM, 0.01mm increments can be selected.) Full length is shortened by (5-TC). If combined with LC, full length is equal to LC. | | | | | | | | | | | | | | | | | | |
| | TKC | Flange thickness tolerance change T +0.3 → +0.02 0 → 0 | | | | | | | | | | | | | | | | | | |
| | TKM | Flange thickness tolerance change T +0.3 → 0 0 → -0.02 | | | | | | | | | | | | | | | | | | |
| Others | VHM | Shape tolerance change H · V +0.005 → 0 0 → -0.005 | | | | | | | | | | | | | | | | | | |
| | NDC | | | | | | | | | | | | | | | | | | | |
| | ANF | Angular angle change 0 ≤ ANF ≤ 1.2 0.2° increments d ≤ dmax. d = P + 2((L-B) tan(ANF)) P - Btan(ANF) ≥ 0.6 W - Btan(ANF) ≥ 0.6 Cannot be used if shaped hole is not at center of shank. | <table border="1"> <tr><th>V</th><th>d max.</th></tr> <tr><td>6</td><td>3.4</td></tr> <tr><td>8</td><td>4.4</td></tr> <tr><td>10</td><td>6.4</td></tr> <tr><td>13</td><td>8.4</td></tr> <tr><td>16</td><td>10.6</td></tr> <tr><td>20</td><td>12.6</td></tr> <tr><td>25</td><td>14.6</td></tr> </table> | V | d max. | 6 | 3.4 | 8 | 4.4 | 10 | 6.4 | 13 | 8.4 | 16 | 10.6 | 20 | 12.6 | 25 | 14.6 | |
| V | d max. | | | | | | | | | | | | | | | | | | | |
| 6 | 3.4 | | | | | | | | | | | | | | | | | | | |
| 8 | 4.4 | | | | | | | | | | | | | | | | | | | |
| 10 | 6.4 | | | | | | | | | | | | | | | | | | | |
| 13 | 8.4 | | | | | | | | | | | | | | | | | | | |
| 16 | 10.6 | | | | | | | | | | | | | | | | | | | |
| 20 | 12.6 | | | | | | | | | | | | | | | | | | | |
| 25 | 14.6 | | | | | | | | | | | | | | | | | | | |

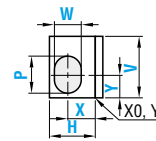


(1) If shaped hole is at center of shank



Order
Catalog No. V H - L - **0.01mm increments**
BLDR 13 10 - 20 - P6.34 - W3.65 - R1.50

(2) If shaped hole is not at center of shank



Order
Catalog No. V H - L - **0.01mm increments**
BLDR 13 10 - 20 - P6.34 - W3.65 - R1.50 - X4.67 - Y6.02

For the upper and lower limit values for X and Y, refer to P.467.
X, Y tolerance: ±0.005 (Shaped holes A), ±0.01 (Shaped holes D R E G)
Be aware that the shaped hole position and X/Y values are determined differently for block punches.



Quotation