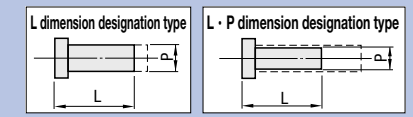


Dies Steel  
SKD61 equivalent  
4mm Head

# STRAIGHT EJECTOR PINS

— L DIMENSION DESIGNATION TYPE / L · P DIMENSION DESIGNATION TYPE —



⚠ Non JIS material definition is listed on P.1351 - 1352

RoHS

• L Dimension Designation Type • L · P Dimension Designation Type  
T4 → x1 max.30

| Part Number                              | Head thickness | P               | L               | x1 max.        |     |
|--|----------------|-----------------|-----------------|----------------|-----|
| EPDS—L (L dimension designation type)    | 4mm(T4)        | 0<br>-0.005     | 40.00 ~ 150.00  | 30             |     |
| EPDBS (L · P dimension designation type) |                |                 | 150.01 ~ 200.00 | 60             |     |
| EPD—L (L dimension designation type)     |                |                 | 200.01 ~ 250.00 | 110            |     |
| EPDB (L · P dimension designation type)  |                |                 | 250.01 ~ 300.00 | 160            |     |
|  |                |                 | 300.01 ~ 350.00 | 210            |     |
|  |                |                 | 350.01 ~ 400.00 | 260            |     |
|  |                | 400.01 ~ 450.00 | 310             |                |     |
|  |                | 450.01 ~ 500.00 | 360             |                |     |
|  |                |                 |                 | 40.00 ~ 200.00 | 1.5 |
|  |                |                 |                 | 40.00 ~ 250.00 | 2   |
|  |                |                 |                 | 40.00 ~ 300.00 | 3   |
|  |                |                 |                 | 40.00 ~ 500.00 | 7   |

SKD61 equivalent  
50~55HRC  
Range of guaranteed base material hardness (Details P.1303)

### L Dimension Designation Type

| H  | T | Part Number                      |                                | L<br>0.01mm increments |              |
|----|---|----------------------------------|--------------------------------|------------------------|--------------|
|    |   | Type                             | P                              |                        |              |
| 3  | 4 | EPDS—L<br>(P <sub>-0.005</sub> ) | 1.5                            | 40.00~200.00           |              |
| 4  |   |                                  | 2                              | 40.00~250.00           |              |
| 5  |   |                                  | 2.5                            | 40.00~250.00           |              |
| 6  |   |                                  | 3                              | 40.00~300.00           |              |
| 7  |   |                                  | 3.5                            | 40.00~300.00           |              |
| 8  |   |                                  | 4                              | 40.00~300.00           |              |
| 9  |   |                                  | 4.5                            | 40.00~300.00           |              |
| 10 |   |                                  | 5                              | 40.00~300.00           |              |
| 11 |   |                                  | 5.5                            | 40.00~300.00           |              |
| 14 |   |                                  | 6                              | 40.00~300.00           |              |
| 15 |   |                                  | 6.5                            | 40.00~300.00           |              |
| 17 |   |                                  | 7                              | 40.00~500.00           |              |
| 18 |   |                                  | 8                              | 40.00~500.00           |              |
|    |   |                                  | EPD—L<br>(P <sub>-0.02</sub> ) | 7                      | 40.00~500.00 |
|    |   |                                  |                                | 8                      | 40.00~500.00 |
|    |   |                                  |                                | 9                      | 40.00~500.00 |
|    |   |                                  |                                | 10                     | 40.00~500.00 |
|    |   |                                  |                                | 12                     | 40.00~500.00 |

### L · P Dimension Designation Type

| H  | T | Part Number                     |     | 0.01mm increments             |              |              |
|----|---|---------------------------------|-----|-------------------------------|--------------|--------------|
|    |   | Type                            | No. | L                             | P            |              |
| 3  | 4 | EPDBS<br>(P <sub>-0.005</sub> ) | 1.5 | 40.00~200.00                  | 1.00~ 1.49   |              |
| 4  |   |                                 | 2   | 40.00~250.00                  | 1.50~ 1.99   |              |
| 5  |   |                                 | 2.5 | 40.00~250.00                  | 2.00~ 2.49   |              |
| 6  |   |                                 | 3   | 40.00~300.00                  | 2.50~ 2.99   |              |
| 7  |   |                                 | 3.5 | 40.00~300.00                  | 3.00~ 3.49   |              |
| 8  |   |                                 | 4   | 40.00~300.00                  | 3.50~ 3.99   |              |
| 9  |   |                                 | 4.5 | 40.00~300.00                  | 4.00~ 4.49   |              |
| 10 |   |                                 | 5   | 40.00~300.00                  | 4.50~ 4.99   |              |
| 11 |   |                                 | 5.5 | 40.00~300.00                  | 5.00~ 5.49   |              |
| 15 |   |                                 | 6   | 40.00~300.00                  | 5.50~ 5.99   |              |
| 17 |   |                                 | 6.5 | 40.00~300.00                  | 6.00~ 6.49   |              |
| 18 |   |                                 | 7   | 40.00~300.00                  | 6.50~ 6.99   |              |
|    |   |                                 |     | EPDB<br>(P <sub>-0.02</sub> ) | 8            | 40.00~500.00 |
|    |   |                                 | 10  |                               | 40.00~500.00 | 8.00~ 9.99   |
|    |   |                                 | 12  |                               | 40.00~500.00 | 10.00~11.99  |
|    |   |                                 | 13  |                               | 40.00~500.00 | 12.00~12.99  |

⚠ When L ≥ 150.01, Please place your order after confirmation of the range of guaranteed shaft diameter precision. (Details P.1301)

Alterations Part Number — L — P — (KC · WKC · etc.)  
EPDB 12 — 350.00 — P11.00 — HC15

| Alterations | Code       | Spec.  | 1Code     |
|-------------|------------|--|-----------|
|             | KC         | Single flat cutting<br>P/2 ≤ KC < H/2  | Quotation |
|             | WKC        | Two flats cutting<br>P/2 ≤ WKC < H/2   |           |
|             | KAC<br>KBC | Varied width parallel flats cutting<br>P/2 ≤ KAC < H/2<br>KBC = 0.1mm increments only<br>KAC < KBC < H/2 |           |
|             | RKC        | Two flats (right angled) cutting<br>P/2 ≤ RKC < H/2  |           |
|             | DKC        | Three flats cutting<br>P/2 ≤ DKC < H/2   |           |
|             | SKC        | Four flats cutting<br>P/2 ≤ SKC < H/2  |           |
|             | KGC        | Two flats (angled) cutting<br>P/2 ≤ KGC < H/2<br>AG = 1° increments<br>0 < AG < 360                      |           |
|             | KTC        | Three flats cutting at 120°<br>P/2 ≤ KTC < H/2   |           |

### Alteration details P.53

| Alterations | Code | Spec.  | 1Code     |
|-------------|------|--|-----------|
|             | HC   | HC = 0.1mm increments<br>P + 1 ≤ HC < H<br>EPDBS · EPDB → P ≥ 1.5  | Quotation |
|             | HCC  | HCC = 0.1mm increments<br>P + 1 ≤ HCC < H - 0.3<br>EPDBS · EPDB → P ≥ 1.5  |           |
|             | TC   | TC = 0.1mm increments<br>2.0 ≤ TC < 4 (Dimensions L remains unchanged.)<br>EPDBS · EPDB → P ≥ 1.5<br>4 - TC ≤ Lmax - L |           |
|             | NC   | Dowel hole boring<br>Available when H ≥ 4<br>Combination with other than NHC · NHN not available.                      |           |
|             | NCW  | Dowel hole boring + Spring pin driving<br>Available when H ≥ 4<br>Combination with other than NHC · NHN not available. |           |
|             | NHC  | Numbering on the head<br>How to order P.54<br>Combination with SKC not available.                                      |           |
|             | NHN  | Automatic sequential numbering on the head<br>How to order P.54<br>Combination with SKC not available.                 |           |

Price Quotation

Part Number — L — P  
EPDS—L2.5 — 80.00  
EPDB 12 — 350.00 — P11.00

Quotation

Straight Ejector Pins  
Dies Steel SKD61 equivalent