

# RUNNER CHANGE PINS

—FOR FIXED SIDE—

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

**RoHS**

**Type (Select the runner groove shape from the drawings below)**

**RCPK**

ⓘ The surface roughness of hexagon socket. ( $\sqrt{17}$ )

SKD61  
48~52HRC

**Shape 1 Top shape** ⓘ (The plunger groove is provided in the same direction as the runner groove.)

**N** (No groove)    **I**    **T**    **K**    **L**

**Shape 2 Side shape**

**Shape A (Trapezoid)**

● A dimension selection

Applicable D dimension	A	t	GC*
10 · 13 · 16	3	2.5	7
13 · 16	4	3	
16	5	3.5	
16	6	4	10

Available to select the trapezoidal taper angle (GC\*). For details, refer to the Alterations column at lower right.

ⓘ Without GC, taper angle is 10°.

⊗ Not available for D8

⊗ When Shape 1 is T and K, A5 and A6 are impossible to process for the hexagonal wrench fitness get worse.

**Shape B (Semicircle)**

● B dimension selection

Applicable D dimension	B
8 · 10 · 13 · 16	1
	1.25
	1.5
	1.75
10 · 13 · 16	2
	2.25
13 · 16	3
	3.5
16	4

ⓘ When Shape 1 is T and K, B3~B4 are impossible to process for the hexagonal wrench fitness get worse.

**Shape C (Arc+Tangent)**

● C dimension selection

Applicable D dimension	C
8 · 10 · 13 · 16	2
10 · 13 · 16	2.5
13 · 16	3
	3.5
16	4

ⓘ When Shape 1 is T and K, C3.5 and C4 are impossible to process for the hexagonal wrench fitness get worse.

Applicable plungers	H	E	S	Part Number		Shape1	Shape2			L		
				Type	D		A	B	C			
BPJ4 BSJ4	14	3	4	RCPK	8	N I T *K L	—	1 1.5	1.25	2	15 20 25 30 35 40 50	
	16		5				3	1 1.5 2 2.5	1.25 1.75 2.25	2 2.5		
BPJ5 BSJ5	19	4	6				13	3 4	1 1.5 2 2.5	1.25 1.75 2.25 *3	2 2.5 3	15 20 25 30 35 40 50 60
	22	5	10				16	3 4 *5 *6	1 1.5 2 2.5 *3 *3.5	1.25 1.75 2.25 *3 *4	2 2.5 3 *3.5 *4	15 20 25 30 35 40 50 60

ⓘ See P.651 for specifications of the applicable plungers.  
 ⊗ When Shape 1 is \*T · \*K, · A5 6 · B3 4 · C3.5 4 are impossible to process.  
 ⊗ When N is selected for Shape 1, no need to designate Shape 2.

**Order** Part Number — Shape1 — Shape2 — L  
 RCPK13 — I — C2.5 — 30

**Days to Ship** **Quotation**

**Price** **Quotation**

**Example** ⓘ The runner groove direction can be changed from the PL side using a hexagonal wrench. Please use a ball plunger for positioning.

Ball plunger (P. 651)

**Alterations** Part Number — Shape1 — Shape2 — L(LC) — (LKC · HC · EQ...etc.)  
 RCPK13 — I — C2.5 — LC28.01 — LKC-EC5  
 RCPK16 — L — A3 — 20 — GC7

Alterations	Code	Spec.	1Code	Alterations	Code	Spec.	1Code						
	LC	Full length alteration 15 < LC < Lmax. 0.1mm increments ⓘ When combined with LKC, LC=0.01mm increments possible	Quotation		KC	Single flat cutting KC=D/2 (Designation method) KC KC position · Shape 1 Please confirm it with Top shape.	Quotation						
	LKC	Changes L dimension tolerance $L \pm 0.2 \dots L - 0.02$			HC	Changes head diameter $D \leq HC < H$ 0.1mm increments							
	EC	Changes the groove depth E dimension of hexagonal wrench. <table border="1"> <thead> <tr> <th>D</th> <th>EC dimension selection</th> </tr> </thead> <tbody> <tr> <td>8 · 10</td> <td>4 · 5</td> </tr> <tr> <td>13</td> <td>3 · 5</td> </tr> <tr> <td>16</td> <td>3 · 4</td> </tr> </tbody> </table>		D	EC dimension selection	8 · 10		4 · 5	13	3 · 5	16	3 · 4	
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Components of Runner Electrodes