

RUNNER CHANGE PINS

—FOR EJECTOR PINS L DIMENSION SELECTION TYPE • L DIMENSION DESIGNATION TYPE—

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

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

RCPN (L dimension selection type)
RCPL (L dimension designation type)

※ ℓ=L dimension selection type
F=L dimension designation type

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	
	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
	2.5
13 · 16	3
16	3.5
	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
16	3.5
	4

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

L dimension selection • L dimension designation type

Applicable plungers	H	E	P1	S	N	Part Number		Shape2			L	ℓ or F		P	G°	
						Type	D	Shape1	A	B		C	RCPN ℓ			RCPL F (1mm increments)
BPJ4 BSJ4	14	3	3.5	4	6	8		N	I	T	K	L	12	8~30	3	0
	16		4.6	5												
BPJ5 BSJ5	19	4	5.8	6	8	13		N	I	T	K	L	14	10~30	5	2
			6.8	8												
	22	5	9	10	10	16				3 4 5 6	1 1.25 2 2.5 3 3.5 4	1 1.25 2 2.5 3 3.5 4	30 35 40 50 60	20	12~30	8

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

Order Part Number — Shape1 — Shape2 — L — F — P — G

RCPN13 — I — C2.5 — 30 — P5 — G2
RCPL13 — I — C2.5 — 31.2 — F20 — P6 — G3

Days to Ship **Quotation**

Price **Quotation**

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

Alterations Part Number — Shape1 — Shape2 — L(LC) — F — P — G — (LKC • HC • EQ...etc.)

RCPN13 — I — C2.5 — LC28.01 — P5 — G2 — LKC — EC5
RCPL13 — I — A4 — 31.2 — F20 — P6 — G3 — GC7

Alterations	Code	Spec.	1Code	Alterations	Code	Spec.	1Code
	LC	Full length alteration 0.1mm increments 20 < LC < Lmax. Ⓜ Available for L dimension selection type. When combined with LKC, LC=0.01mm increments possible. Ⓜ ℓ becomes shorter by (L-LC). ℓ ≥ N+1			KC	Single flat cutting KC=D/2 [Designation method] KC KC position • Shape 1 Please confirm it with Top shape.	
	LKC	Changes L dimension tolerance L ₊ ±0.2 _{-0.1} → L ₋ 0 _{-0.02} Ⓜ When L dimension designation, L dimension designation in 0.01mm increments possible.	Quotation		HC	Changes head diameter D ≤ HC < H 0.1mm increments	Quotation
	EC	Changes the groove depth E dimension of hexagonal wrench. D EC dimension selection 8 · 10 4 · 5 13 3 · 5 16 3 · 4			GC	[Shape2] A shape taper angle (GC*) change GC* selection 10° 7° [Designation method] 10° → GC10 7° → GC7 Ⓜ Not available for D8	

Components of Runner Electrodes