


# RUNNER LOCK PINS

—TAPERED, STANDARD TYPE—

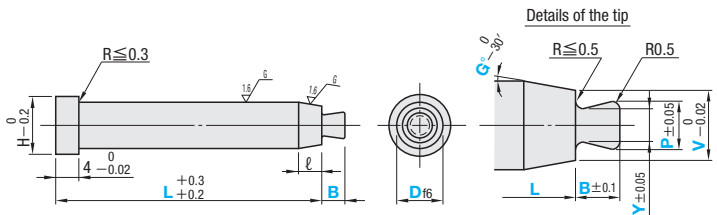
# RUNNER LOCK PINS

—TAPERED, HARD LOCK TYPE—

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




**RoHS**



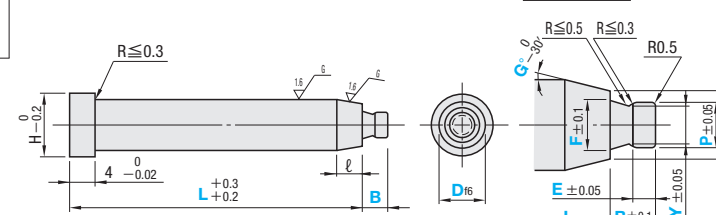
Details of the tip

(Calculation of  $\ell$  value)  $\ell = \frac{D-V}{2 \tan G}$  Conversion Chart of Trigonometric Functions P.1337

Application	Part Number	M	H
Standard head type	<b>RLTB</b>	SKH51	58~60HRC
Large head type	<b>RLTG</b>		
Large head type	<b>RLTGF</b>		



**RoHS**



Details of the tip

(Calculation of  $\ell$  value)  $\ell = \frac{D-V}{2 \tan G}$  Conversion Chart of Trigonometric Functions P.1337

Application	Part Number	M	H
Standard head type	<b>RHTB</b>	SKH51	58~60HRC
Large head type	<b>RHTG</b>		
Large head type	<b>RHTGF</b>		

### ■ L · P · Y dimension designation type

H	Part Number	0.1mm increments			U/Price	1~4	
RLTB	RLTG	D	L	P	Y	RLTB	RLTG
5	—	*3	20.0~100.0	0.9~2.1	0.8~2.0		—
6	7	4	20.0~100.0	1.1~2.4	1.0~2.3		
7	8	5		1.3~2.8	1.2~2.7		
8	9	6		1.6~3.3	1.5~3.2		
10	11	8		2.1~5.2	2.0~5.1		
13	15	10	25.0~100.0	2.6~7.0	2.5~6.9		

☎ P>Y Which marked with \* is for RLTB only.

### ■ L · P · Y · B · V · G dimension designation type

H	Part Number	0.1mm increments					1 <sup>st</sup> increments	U/Price	1~4
RLTBF	RLTGF	D	L	P	Y	B	V	RLTBF	RLTGF
5	—	*3	20.0~100.0	0.9~2.1	0.8~2.0	0.8~3.0	2.5~2.9		—
6	7	4		1.1~2.4	1.0~2.3	1.3~3.8	3.0~3.9		
7	8	5		1.3~2.8	1.2~2.7	1.5~4.5	3.5~4.9		
8	9	6		1.6~3.3	1.5~3.2	1.5~4.5	4.0~5.9		
10	11	8	25.0~150.0	2.1~5.2	2.0~5.1	2.0~6.0	6.0~7.9		
13	15	10	2.6~7.0	2.5~6.9	2.5~7.5	8.0~9.9			



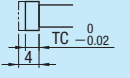
☎ P>Y Which marked with \* is for RLTBF only.

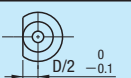
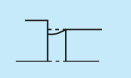
Order Part Number — L — P — Y — B — V — G  
**RLTG 4** — 50.2 — P1.5 — Y1.2  
**RLTGF4** — 50.2 — P1.5 — Y1.2 — B2.0 — V3.0 — G5

Days to Ship **Quotation**

Price **Quotation**

Alterations Part Number — L — P — Y — B — V — G — (HC · LKC...etc.)  
**RLTGF4** — 50.25 — P1.5 — Y1.2 — B2.0 — V3.0 — G5 — LKC

Alterations	Code	Spec.	1Code
	<b>HC</b>	HC=0.1mm increments ☎ D≤HC<H	<b>Quotation</b>
	<b>LKC</b>	Changes L dimension tolerance $L \pm 0.3 \dots L \pm 0.02$ (L dimension designation in 0.01mm increments possible.)	
	<b>TC</b>	TC=0.1mm increments ☎ 2.0≤TC<4 ☎ L dimension remains unchanged even when TC is used. ☎ 4—TC≤Lmax.—L	

Alterations	Code	Spec.	1Code
	<b>KC</b>	Single flat cutting	<b>Quotation</b>
	<b>TRN</b>	Adds a relief under the head. (No need for plate chamfering)	

### ■ L · P · Y · F dimension designation type

H	Part Number	0.1mm increments				U/Price	1~4	
RHTB	RHTG	D	L	P	Y	F	RHTB	RHTG
6	7	2.5	20.0~100.0	1.5~2.4	1.0~1.9			
7	8	3		1.7~2.8	1.2~2.3			
8	9	1.5		2.0~3.3	1.5~2.8			
10	11	4		2.5~5.2	2.0~4.7			
13	15	5	25.0~100.0	3.0~7.0	2.5~6.5			

☎ P—Y≥0.5

### ■ L · P · Y · F · B · E · V · G dimension designation type

H	Part Number	0.1mm increments							1 <sup>st</sup> increments	U/Price	1~4		
RHTBF	RHTGF	D	L	P	Y	F	B	E	B—Emin.	V	G	RHTBF	RHTGF
6	7	4	20.0~100.0	1.5~3.9	1.0~3.4		1.8~3.8	0.5~1.5		3.0~3.9			
7	8	5		1.7~4.9	1.2~4.4		2.3~4.5	0.8~2.3	1.5	3.5~4.9			
8	9	6		2.0~5.9	1.5~5.4	Y≤F<V	3.0~6.0	1.0~3.0	2.0	4.0~5.9	5~10		
10	11	8		25.0~150.0	2.5~7.9	2.0~7.4	3.8~7.5	1.3~3.8	2.5	6.0~7.9			
13	15	10	3.0~9.9	2.5~9.4		8.0~9.9							

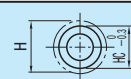
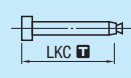
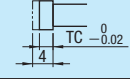
☎ P—Y≥0.5

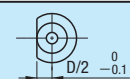
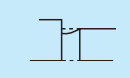
Order Part Number — L — P — Y — F — B — E — V — G  
**RHTG 4** — 50.2 — P1.8 — Y1.3 — F2.4  
**RHTGF4** — 50.2 — P1.8 — Y1.3 — F2.4 — B3.0 — E1.0 — V3.2 — G5

Days to Ship **Quotation**

Price **Quotation**

Alterations Part Number — L — P — Y — F — B — E — V — G — (HC · LKC...etc.)  
**RHTGF4** — 50.2 — P1.8 — Y1.3 — F2.4 — B3.0 — E1.0 — V3.0 — G5 — LKC

Alterations	Code	Spec.	1Code
	<b>HC</b>	HC=0.1mm increments ☎ D≤HC<H	<b>Quotation</b>
	<b>LKC</b>	Changes L dimension tolerance $L \pm 0.3 \dots L \pm 0.02$ (L dimension designation in 0.01mm increments possible.)	
	<b>TC</b>	TC=0.1mm increments ☎ 2.0≤TC<4 ☎ L dimension remains unchanged even when TC is used. ☎ 4—TC≤Lmax.—L	

Alterations	Code	Spec.	1Code
	<b>KC</b>	Single flat cutting	<b>Quotation</b>
	<b>TRN</b>	Adds a relief under the head. (No need for plate chamfering)	