

RUNNER LOCK PINS

—STRAIGHT, STANDARD TYPE—



The volume discount rate is also applicable to alteration cost. All price & lead time are to be quoted.

Application	Catalog No.	Material	Hardness
Standard head type	RLR	SKH51	58~60HRC
	RLRL		
	RLRB		
	RLRBF		
Large head type	RLRG		
	RLRGF		

L dimension selection type

H	B	P	Y	Catalog No.		U/price 1~4	
				Type	D		
4	2	1.5	1.0	RLR (Standard head type)	2	15 20 25 30 35 40	Quotation
5		2.3	1.8		3	15 20 25 30 35 40 45 50	
6	2.5	2.8	2.3		4	20 25 30 35 40 45 50 60 70 80	
7		3.3	2.8		5	20 25 30 35 40 45 50 60 70 80	
8	3	3.8	3.0		6	30 35 40 45 50 60 70 80	
10		5.8	5.0		8	30 35 40 45 50 60 70 80	

L dimension designation type

H	B	P	Y	Catalog No.		U/price 1~4		
				Type	D			
4	2	1.5	1.0	RLRL (Standard head type)	2	10.0~100.0	Quotation	
5		2.0	1.5		2.5			
6	2.5	2.8	2.3		3			
7		3.3	2.8		4			
8	3	3.8	3.0		5			15.0~100.0
10		5.8	5.0		8			

L · P · Y dimension designation type

RLRB	RLRG	B	Catalog No.		L	0.1mm increments		U/price for 1~4
			Type	D		P	Y	
4	4	2	RLRB (Standard head type)	2	10.0~100.0	0.9~1.9	0.8~1.8	Quotation
5	6			2.5		0.9~2.4	0.8~2.3	
6	7	3		0.9~2.9		0.8~2.8		
7	8	4		1.1~3.9		1.0~3.8		
8	9	5		1.3~4.9		1.2~4.8		
10	11	6		1.6~5.9		1.5~5.8		
13	15	8		2.1~7.9		2.0~7.8		
		10		2.6~9.9		2.5~9.8		

L · P · Y · B dimension designation type

RLRBF	RLRGF	B	Catalog No.		L	0.1mm increments			U/price for 1~4
			Type	D		P	Y	B	
4	4	2	RLRBF (Standard head type)	2	10.0~100.0	0.9~1.9	0.8~1.8	0.8~3.0	Quotation
5	6			2.5		0.9~2.4	0.8~2.3	0.8~3.0	
6	7	3		0.9~2.9		0.8~2.8	0.8~3.0		
7	8	4		1.1~3.9		1.0~3.8	1.3~3.8		
8	9	5		1.3~4.9		1.2~4.8	1.5~4.5		
10	11	6		1.6~5.9		1.5~5.8	1.5~4.5		
13	15	8		2.1~7.9		2.0~7.8	2.0~6.0		
		10		2.6~9.9		2.5~9.8	2.5~7.5		

Order: Catalog No. - L - P - Y - B (HC-LKC...etc.)
 Alterations: Catalog No. - L - P - Y - B - (HC-LKC...etc.)
 RLRGF 4 - 37.51 - P2.8 - Y2.3 - B2.4 - HC5 - LKC

Order

Catalog No. - L - P - Y - B

RLR 3 - 30
 RLRG 4 - 37.5 - P2.8 - Y2.3
 RLRGF 4 - 37.5 - P2.8 - Y2.3 - B3.0

Delivery

Printed in Blue
 SGP Stock 3 Days

For area out of Singapore please refer to P.i.
 RLRL · RLRB · RLRG · RLRBF · RLRGF
 Express T
 Express A

For area out of Singapore please refer to P.i.

Alterations	Code	Spec.	Price
	HC	HC=0.1mm increments D^{±0.3}HC^{±0.3}H Not available for RLR.	Quotation
	LKC	Changes L dimension tolerance L^{+0.3}...L^{+0.02} (L dimension designation in 0.01mm increments possible.) Not available for RLR.	
	TC	TC=0.1mm increments 2.0^{±0.02}TC^{±0.02}4 L dimension remains unchanged even when TC is used. 4-TC^{±0.02}Lmax.-L Not available for RLR.	
	KC	Cuts a single flat. L^{±0.1}16 not available Not available for RLR.	
	TRN	Adds a relief under the head. (No need for plate chamfering) Not available for RLR.	
	DR	D dimension end R processing. (R0.1~0.3) About simple processing, it is not precise R shape. Not available for RLR.	

Quantity	1~4	5~12	13~19	20~50
Rate	-	5%	10%	15%

Stocks Availability Subjected to Prior Sales.

RUNNER LOCK PINS

—STRAIGHT, HARD LOCK TYPE—

The volume discount rate is also applicable to alteration cost. All price & lead time are to be quoted.

Application	Catalog No.	Material	Hardness
Standard head type	RLH	SKH51	58~60HRC
	RLHL		
	RLHB		
	RLHBF		
	RLHG		
	RLHGF		
Large head type			

L dimension selection type

H	B	E	P	Y	F	Catalog No.		U/price 1~4	
						Type	D		
4	2	1	1.5	1.0	1.7	RLH (Standard head type)	2	15 20 25 30 35 40	Quotation
5							2.3	1.8	
6	2.5	2.8	2.3	3.0					
7		3.3	2.8	3.5					
8	3	3.8	3.0	4.0					
10		5.8	5.0	6.0					

L dimension designation type

H	B	E	P	Y	F	Catalog No.		U/price 1~4	
						Type	D		
4	2	1	1.5	1.0	1.7	RLHL (Standard head type)	2	10.0~100.0	Quotation
5							2.3		
6	2.5	2.8	2.3	3.0					
7		3.3	2.8	3.5					
8	3	3.8	3.0	4.0					
10		5.8	5.0	6.0					

L · P · Y · F dimension designation type

RLHB	RLHG	B	E	Catalog No.		L	0.1mm increments		F	U/price for 1~4
				Type	D		P	Y		
4	4	2	1	RLHB (Standard head type)	10.0~100.0	10.0~100.0	1.3~1.9	0.8~1.4	Y^{±0.05}F^{±0.05}D	Quotation
5	6						1.3~2.9	0.8~2.4		
6	7	1.5~3.9					1.0~3.4			
7	8	1.7~4.9					1.2~4.4			
8	9	2.0~5.9					1.5~5.4			
10	11	2.5~7.9					2.0~7.4			
13	15	3.0~9.9					2.5~9.4			

L · P · Y · F · B · E dimension designation type

RLHBF	RLHGF	B	E	Catalog No.		L	0.1mm increments			B-Emin.	U/price for 1~4
				Type	D		P	Y	F		
4	4	2	1	RLHBF (Standard head type)	10.0~150.0	10.0~150.0	1.3~1.9	0.8~1.4	Y^{±0.05}F^{±0.05}D	1.0	Quotation
5	6						1.3~2.9	0.8~2.4			
6	7	1.5~3.9					1.0~3.4				
7	8	1.7~4.9					1.2~4.4				
8	9	2.0~5.9					1.5~5.4				
10	11	2.5~7.9					2.0~7.4				
13	15	3.0~9.9					2.5~9.4				

Order: Catalog No. - L - P - Y - F - B - E (HC-LKC...etc.)
 Alterations: Catalog No. - L - P - Y - F - B - E (HC-LKC...etc.)
 RLHGF 4 - 37.51 - P2.8 - Y2.3 - F3.0 - B3.0 - E1.0 - HC5 - LKC

Order

Catalog No. - L - P - Y - F - B - E

RLH 6 - 70
 RLHG 4 - 37.5 - P2.8 - Y2.3 - F3.0
 RLHGF 4 - 37.5 - P2.8 - Y2.3 - F3.0 - B3.0 - E1.0

Delivery

Printed in Blue
 SGP Stock 3 Days

For area out of Singapore please refer to P.i.
 RLHL · RLHB · RLHG · RLHBF · RLHGF
 Express T
 Express A

For area out of Singapore please refer to P.i.

Alterations	Code	Spec.	Price
	HC	HC=0.1mm increments D^{±0.3}HC^{±0.3}H Not available for RLH.	Quotation
	LKC	Changes L dimension tolerance L^{+0.3}...L^{+0.02} (L dimension designation in 0.01mm increments possible.) Not available for RLH.	
	TC	TC=0.1mm increments 2.0^{±0.02}TC^{±0.02}4 L dimension remains unchanged even when TC is used. 4-TC^{±0.02}Lmax.-L Not available for RLH.	
	KC	Cuts a single flat. L^{±0.1}16 not available Not available for RLH.	
	TRN	Adds a relief under the head. (No need for plate chamfering) Not available for RLH.	
	DR	D dimension end R processing. (R0.1~0.3) About simple processing, it is not precise R shape. Not available for RLH.	

Quantity	1~4	5~12	13~19	20~50
Rate	-	5%	10%	15%