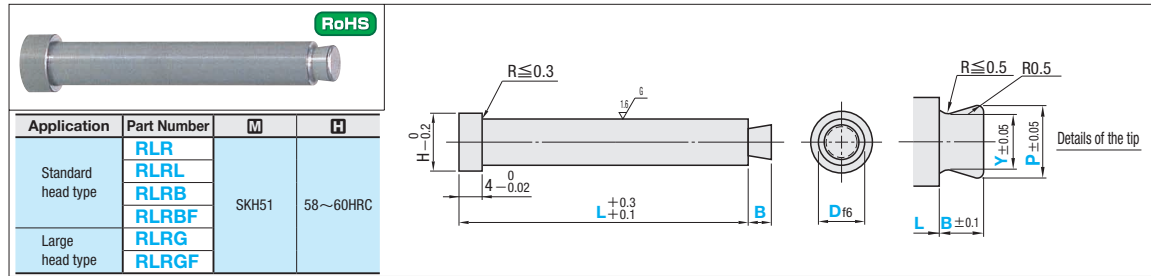


RUNNER LOCK PINS

—STRAIGHT, STANDARD TYPE—



Application	Part Number	M	H
Standard head type	RLR	SKH51	58~60HRC
	RLRL		
	RLRB		
	RLRBF		
Large head type	RLRG	SKH51	58~60HRC
	RLRGF		
	RLRBF		

L dimension selection type

H	B	P	Y	Part Number Type	D	L	U/Price
4	2	1.5	1.0	RLR (Standard head type)	2	15 20 25 30 35 40	1~4
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	Quotation
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	Quotation
10		5.8	5.0		8	30 35 40 45 50 60 70 80	

L dimension designation type

H	B	P	Y	Part Number Type	D	L	U/Price
4	2	1.5	1.0	RLRL (Standard head type)	2	10.0~100.0	Quotation
5		2.0	1.5		2.5		
6		2.8	2.3		3		
7	3.3	2.8	4				
8	2.5	3.8	3.0	5	15.0~100.0	Quotation	
10		5.8	5.0	8			

L · P · Y dimension designation type

RLRB	H	RLRG	B	Part Number Type	D	L	0.1mm increments	Y	U/Price
4	4	6	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	3	3	RLRG (Large head type)	5	15.0~100.0	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

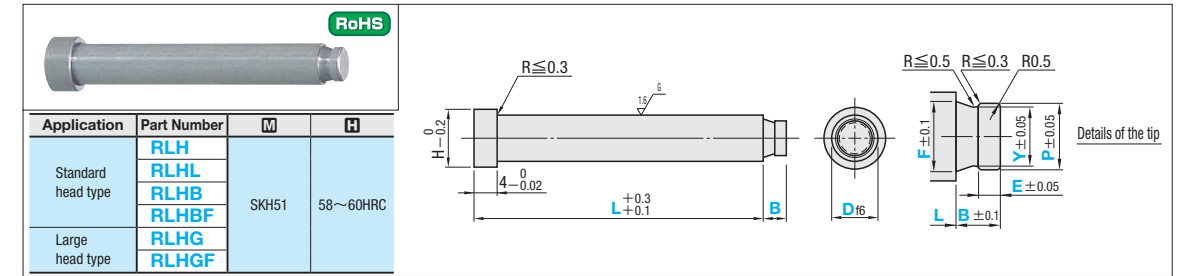
RLRBF	H	RLRGF	B	Part Number Type	D	L	0.1mm increments	Y	B	U/Price
4	4	6	2	RLRBF (Standard head type)	2	10.0~100.0	0.9~1.9	0.8~1.8	0.8~3.0	Quotation
5	6				2.5		0.9~2.4	0.8~2.3		
6	7	3	0.9~2.9		0.8~2.8					
7	8	4	1.1~3.9		1.0~3.8					
8	9	3	3	RLRGF (Large head type)	5	15.0~150.0	1.3~4.9	1.2~4.8	1.5~4.5	
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					

Alterations	Code	Spec.	1Code
	HC	HC=0.1mm increments D<=HC<H Not available for RLR.	
	LKC	Changes L dimension tolerance L_{±0.1} → L_{±0.02} (L dimension designation in 0.01mm increments possible.) Not available for RLR.	Quotation
	TC	TC=0.1mm increments 2.0<=TC<4 L dimension remains unchanged even when TC is used. 4-TC<=Lmax.-L Not available for RLR.	Quotation
	KC	Single flat cutting Not available when L<16 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.	
	DC	D dimension designation (0.1mm increments) P<=DC-0.1 Y<=DC-0.2 Not available for RLR and RLRL. Not available when D=2, 2.5. DC designation range (f6): 3 2.0~2.9 4 3.0~3.9 5 4.0~4.9 6 5.0~5.9 8 6.0~7.9 10 8.0~9.9	Quotation

RUNNER LOCK PINS

—STRAIGHT, HARD LOCK TYPE—

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



L dimension selection type

H	B	E	P	Y	F	Part Number Type	D	L	U/Price
4	2	1	1.5	1.0	1.7	RLH (Standard head type)	2	15 20 25 30 35 40	1~4
5							2.3	1.8	
6	2.5	1.5	2.8	2.3	3.0		4	20 25 30 35 40 45 50 60 70 80	Quotation
7							3.3	2.8	
8	3	2	3.8	3.0	4.0		6	30 35 40 45 50 60 70 80	Quotation
10							5.8	5.0	

L dimension designation type

H	B	E	P	Y	F	Part Number Type	D	L	U/Price		
4	2	1	1.5	1.0	1.7	RLHL (Standard head type)	2	10.0~100.0	Quotation		
5							2.3			1.8	2.5
6							2.8			2.3	3.0
7	3.3	2.8	3.5								
8	2.5	1.5	3.8	3.0	4.0	RLHG (Large head type)	5	15.0~100.0	Quotation		
10							5.8			5.0	6.0

L · P · Y · F dimension designation type

RLHB	H	RLHG	B	E	Part Number Type	D	L	0.1mm increments	Y	F	U/Price
4	4	6	2	1	RLHB (Standard head type)	2	10.0~100.0	1.3~1.9	0.8~1.4	Y<=F<D	Quotation
5	6					2.5		1.3~2.9	0.8~2.4		
6	7	3	1.5	1.5~3.9		1.0~3.4					
7	8	4	1.7~4.9	1.2~4.4							
8	9	3	1.5	RLHG (Large head type)	5	15.0~100.0	2.0~5.9	1.5~5.4			
10					11		6	2.5~7.9	2.0~7.4		
13	15	8	3.0~9.9		2.5~9.4						
		10	3.8~9.9		2.5~9.4						

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

RLHBF	H	RLHGF	B	E	Part Number Type	D	L	0.1mm increments	Y	F	B-Emin.	U/Price
4	4	6	2	1	RLHBF (Standard head type)	2	10.0~100.0	1.3~1.9	0.8~1.4	Y<=F<D	1.0	Quotation
5	6					2.5		1.3~2.9	0.8~2.4			
6	7	3	1.5	1.5~3.9		1.0~3.4						
7	8	4	1.7~4.9	1.2~4.4								
8	9	3	1.5	RLHGF (Large head type)	5	15.0~150.0	2.0~5.9	1.5~5.4				
10					11		6	2.5~7.9	2.0~7.4			
13	15	8	3.0~9.9		2.5~9.4							
		10	3.8~9.9		2.5~9.4							

Alterations	Code	Spec.	1Code
	HC	HC=0.1mm increments D<=HC<H Not available for RLH.	
	LKC	Changes L dimension tolerance L_{±0.1} → L_{±0.02} (L dimension designation in 0.01mm increments possible.) Not available for RLH.	Quotation
	TC	TC=0.1mm increments 2.0<=TC<4 L dimension remains unchanged even when TC is used. 4-TC<=Lmax.-L Not available for RLH.	Quotation
	KC	Single flat cutting Not available when L<16 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.	

Components of Runner Electrodes