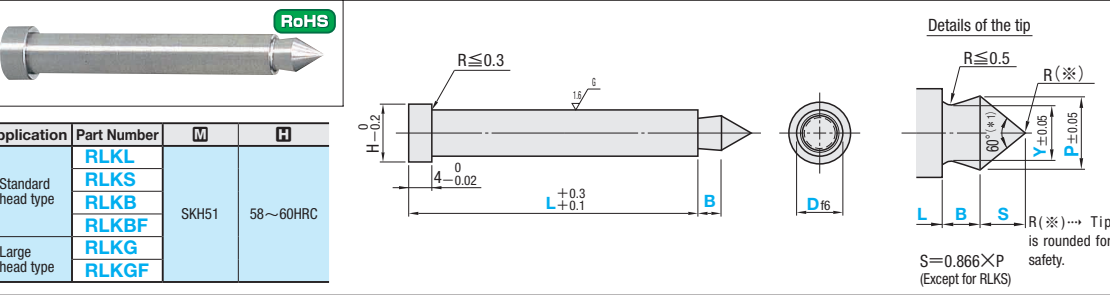


RUNNER LOCK PINS

—STRAIGHT, CONE-SHAPED TIP TYPE—



Application	Part Number	M	H
Standard head type	RLKL	SKH51	58~60HRC
	RLKS		
	RLKB		
	RLKBF		
Large head type	RLKG		
	RLKGF		

L dimension designation type

H	B	P	Y	Part Number Type	D	L	U/Price 1~4
4	2	1.5	1.0	RLKL (Standard head type)	2	10.0~100.0	Quotation
5		2.3	1.8		3		
6	2.5	2.8	2.3		4		
7	3	3.8	3.0		5		
8	3	3.8	3.0	RLKS (Standard head type)	6	15.0~100.0	Quotation
10					8		

L · S dimension designation type

H	B	P	Y	Part Number Type	D	L	S	U/Price 1~4
4	2	1.5	1.0	RLKB (Standard head type)	2	10.0~100.0	1.3~3.0	Quotation
5		2.3	1.8		3		2.0~5.5	
6	2.5	2.8	2.3		4		2.5~7.5	
7	3	3.8	2.8		5		3.3~9.0	
8	3	3.8	3.0	RLKG (Large head type)	6	15.0~100.0	3.3~9.0	Quotation
10					8		5.1~8.0	

L · P · Y dimension designation type

RLKB	RLKG	B	Part Number Type	D	L	P	Y	U/Price 1~4
4	4	2	RLKB (Standard head type)	2	10.0~100.0	0.9~1.9	0.8~1.8	Quotation
5	6			3		0.9~2.9	0.8~2.8	
6	7	4		1.1~3.9		1.0~3.8		
7	8	5		1.3~4.9		1.2~4.8		
8	9	3	RLKG (Large head type)	6	15.0~100.0	1.6~5.9	1.5~5.8	Quotation
10	11			8		2.1~7.9	2.0~7.8	
13	15			10		2.6~9.9	2.5~9.8	

L · P · Y · B dimension designation type

RLKBF	RLKGF	H	Part Number Type	D	L	P	Y	B	U/Price 1~4
4	4	4	RLKBF (Standard head type)	2	10.0~100.0	0.9~1.9	0.8~1.8	1.0~3.0	Quotation
5	6			3		0.9~2.9	0.8~2.8	1.0~3.0	
6	7	4		1.1~3.9		1.0~3.8	1.3~3.8		
7	8	5		1.3~4.9		1.2~4.8	1.5~4.5		
8	9	4	RLKGF (Large head type)	6	15.0~150.0	1.6~5.9	1.5~5.8	1.5~4.5	Quotation
10	11			8		2.1~7.9	2.0~7.8	2.0~6.0	
13	15			10		2.6~9.9	2.5~9.8	2.5~7.5	

Order	Part Number	L	P	Y	B	Days to Ship	Quotation
	RLKL 3	37.5					
	RLKG 4	37.5	P2.8	Y2.3			
	RLKGF 4	37.5	P2.8	Y2.3	B3.0		

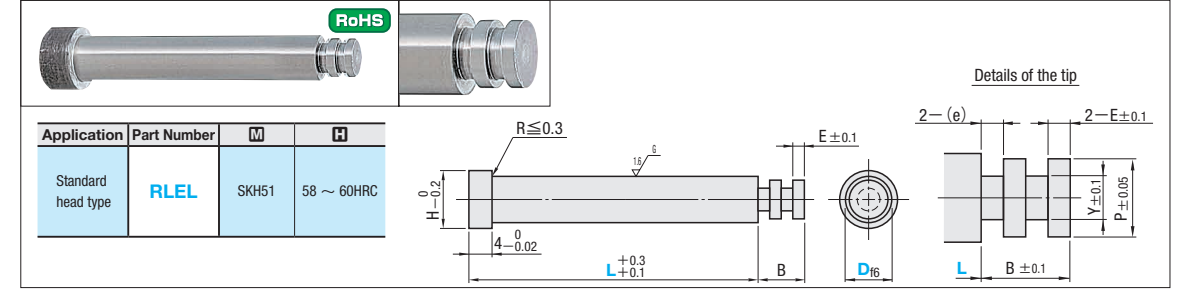
Price	Quotation	Example	Characteristics of cone-shaped tip type
			<ul style="list-style-type: none"> Runner cooling time is shortened and pull-out failure is prevented. Effective when runner is thick or when cooling is difficult.

Alterations	Code	Spec.	1Code
	HC	HC=0.1mm increments D ≤ HC < H	Quotation
	LKC	Changes L dimension tolerance L ₊ 0.3 → L ₊ 0.02 (L dimension designation in 0.01mm increments possible.)	
	TC	TC=0.1mm increments 2.0 ≤ TC < 4 L dimension remains unchanged even when TC is used. 4 - TC ≤ Lmax. - L	

RUNNER LOCK PINS / RUNNER LOCK PIN COLLARS

—STRAIGHT, SUPER HARD LOCK TYPE—

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



Application	Part Number	M	H
Standard head type	RLLEL	SKH51	58 ~ 60HRC

L dimension designation type

H	B	E (e)	P	Y	Part Number Type	D	L	U/Price 1~4
4	2	0.5	1.9	1	RLLEL (Standard head type)	2	10.0~100.0	Quotation
5	2.4	0.6	2.5	1.5		3		
6	3.2	0.8	3.5	2.5		4		
7	4	1	4	3		5		
8	4.8	1.2	5	4	RLLEL (Standard head type)	6	15.0~100.0	Quotation
10	6	1.5	6	5		8		

Order	Part Number	L
	RLLEL 4	50.2

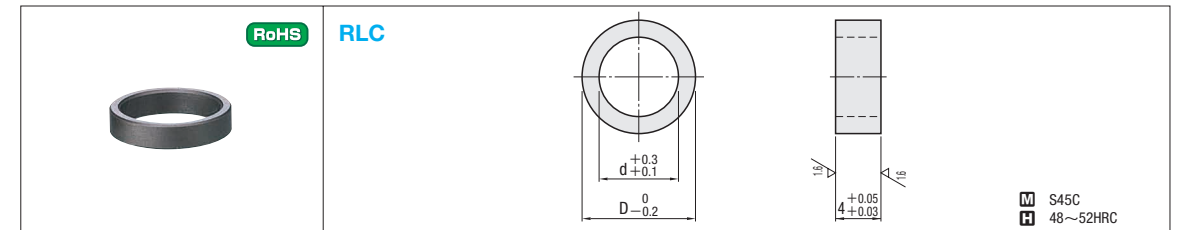
Alterations	Part Number	L	(HC · LKC...etc.)
	RLLEL 4	50.25	LKC

Alterations	Code	Spec.	1Code
	HC	HC=0.1mm increments D ≤ HC < H	Quotation
	LKC	Changes L dimension tolerance L ₊ 0.3 → L ₊ 0.02 (L dimension designation in 0.01mm increments possible.)	
	TC	TC=0.1mm increments 2.0 ≤ TC < 4 L dimension remains unchanged even when TC is used. 4 - TC ≤ Lmax. - L	

Days to Ship	Quotation

Price	Quotation

Alterations	Code	Spec.	1Code
	KC	Single flat cutting	Quotation
	TRN	Adds a relief under the head. (No need for plate chamfering)	
	DR	D dimension end R processing. (R0.1~0.3) About simple processing, it is not precise R shape.	
	SC	C chamfering (0.2mm) at 2 places of tip	



Runner lock pin diameter (D)	D	d	Part Number Type	No.	U/Price 1~4
2	7	4	RLC (For standard head type)	2	Quotation
3	8	5		3	
4	9	6		4	
5	10	7		5	
6	12	8		6	
8	14	10		8	
10	17	13	10		

Order	Part Number
	RLC 6

Days to Ship	Quotation

Price	Quotation

Example If the screw plug is tightened excessively, the runner lock pin may incline, leading to a scuffing or flange destruction. These collars are used to prevent this kind of trouble.

Applicable Screw Plugs (when using collar)
For details of the screw plug specifications see P.1193.

Runner lock pin diameter (D)	Head dia.	Collar size	Applicable Screw Plugs
2	2	RLC 2	MSW10
2.5	—	RLC 3	
3	—	RLC 3	MSW12
4	2.5 · 3	RLC 4	
5	4	RLC 5	MSW14
6	5	RLC 6	MSW16
8	—	RLC 8	MSW18
10	—	RLC 10	MSW20

*Fine thread (Pitch 1.5)