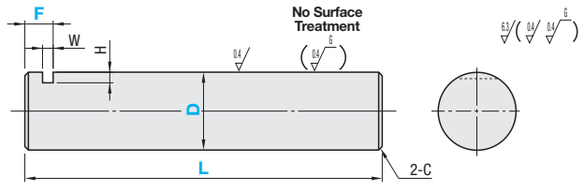
RoHS10

Features of Low Temp. Black Chrome Plating P.128

L Dimension Tolerance, Circularity, Straightness, Perpendicularity, Concentricity and Changes in Hardness P.111

Type			Material	Hardness	Surface Treatment
D Tol. g6	D Tol. h5	D Tol. f8			
SFAK	SFUK	-	SUJ2	Effective Hardened Depth of Induction Hardening P.112 SUJ2 58HRC~ SUS440C Equivalent 56HRC~	-
SSFAK	SSFUK	-	SUS440C Equivalent		Hard Chrome Plating Plating Hardness: HV750 ~ Plating Thickness: 5μ or More ~
PSFAK	PSFUK	-	SUJ2		Low Temp. Black Chrome Plating
PSSFAK	PSSFUK	-	SUS440C Equivalent		
RSFAK	-	-	SUJ2		
-	-	PSFGK	S45C Equivalent	-	Hard Chrome Plating Plating Hardness: HV750 ~ Plating Thickness: 10μ or More ~
-	-	PSSFGK	SUS304		

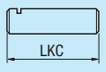
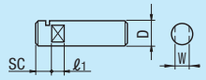


D Tol.			
D	g6	h5	f8
6	-0.004 -0.012	0 -0.005	-0.010 -0.028
8	-0.005 -0.014	0 -0.006	-0.013 -0.035
10 12 13 15 16 18	-0.006 -0.017	0 -0.008	-0.016 -0.043
20 25	-0.007 -0.020	0 -0.009	-0.020 -0.053
30 35	-0.009 -0.025	0 -0.011	-0.025 -0.064
40 50			

Part Number		1mm Increment		W	H	C
Type	D	L	F			
(D Tolerance g6) SFAK, SSFAK, PSFAK, PSSFAK, RSFAK (D≤30, L≤500) / (D Tolerance h5) SFUK, SSFUK, PSFUK, PSSFUK	6	20~600	5≤F≤L/2	3.1	2	0.5 or Less
	8	20~800				
	10	20~800			3	
	12	20~1000				
	13	25~1000				
	15	25~1200				
	16	30~1200				
	18	30~1200				
	20	30~1200			4	1.0 or Less
(D Tolerance f8) PSFGK, PSSFGK	25	35~1200			5	
	30	35~1500	7≤F≤L/2	5.1	6	
	35	35~1500			7	
	40	50~1500			8	
	50	65~1500			10	

Ordering Example: Part Number - L - F
SFAK16 - 265 - F25

Alterations: Part Number - L - F - (LKC, SC)
SFAK16 - 625 - F25 - LKC

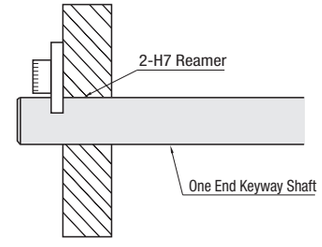
Alterations	Alteration to L dimension tolerance	Wrench Flats
		
Code	LKC	SC
Spec.	Changes L tolerance. Ordering Code LKC L<200···L±0.03 200≤L<500 ···L±0.05 L≥500···L±0.1 L dimensions can be specified in 0.1mm increment for LKC.	Adds wrench flats. Ordering Code SC5 SC=1mm Increment SC+ℓ1≤L SC≥0

D	W	ℓ1
6	5	8
8	7	
10	8	
12	10	10
13	11	
15	13	
16	14	
18	16	
20	17	
25	22	
30	27	15
35	30	
40	36	20
50	41	

Alterations may lower hardness. see P.112

When selecting multiple alteration additions, the distance between machined areas should be greater than 2mm. P.114

Part Number		Unit Price											
Type	D	Min. L ~ 50	L51 ~ 100	L101 ~ 150	L151 ~ 200	L201 ~ 300	L301 ~ 400	L401 ~ 500	L501 ~ 600	L601 ~ 800	L801 ~ 1000	L1001 ~ 1200	L1201 ~ 1500
SFAK, SFUK	6									-	-	-	-
	8										-	-	-
	10										-	-	-
	12											-	-
	13											-	-
	15, 16												-
	18, 20												-
	25												-
	30												
	35												
	40												
	50	-											
SSFAK, SSFUK	6									-	-	-	-
	8										-	-	-
	10										-	-	-
	12											-	-
	13											-	-
	15, 16												-
	18, 20												-
	25												-
	30												
	35												
	40												
	50	-											
PSFAK, PSFUK	6									-	-	-	-
	8										-	-	-
	10										-	-	-
	12											-	-
	13											-	-
	15, 16												-
	18, 20												-
	25												-
	30												
	35												
	40												
	50	-											
PSSFAK, PSSFUK	6									-	-	-	-
	8										-	-	-
	10										-	-	-
	12, 13											-	-
	15, 16												-
	18, 20												-
	25												-
	30												
	35												
	40												
	50	-											
RSFAK	6								-	-	-	-	-
	8												
	10												
	12												
	13												
	15												
	16												
	18												
	20												
	25												
	30												

Part Number		Unit Price							
Type	D	Min. L ~ 100	L101 ~ 200	L201 ~ 400	L401 ~ 600	L601 ~ 800	L801 ~ 1000	L1001 ~ 1200	L1201 ~ 1500
PSFGK	6					-	-	-	-
	8						-	-	-
	10						-	-	-
	12							-	-
	13							-	-
	15, 16								-
	18								-
	20								-
	25								-
	30								
	35								
	40								
	50								
PSSFGK	6					-	-	-	-
	8						-	-	-
	10						-	-	-
	12							-	-
	13							-	-
	15, 16								-
	18, 20								-
	25								-
	30								
	35								
	40								
	50								

Example