


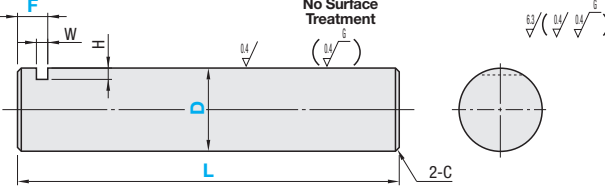
Shafts

Keyway



Type			Material	Hardness	Surface Treatment
D Tol. g6	D Tol. h5	D Tol. f8			
SFAK	SFUK	-	SUJ2 Equivalent	Effective Hardened Depth of Induction Hardening \geq P.112 SUJ2 Equivalent 58HRC~ SUS440C or 13Cr stainless 56HRC~	-
SSFAK	SSFUK	-	SUS440C or 13Cr stainless		
PSFAK	PSFUK	-	SUJ2 Equivalent		
PSSFAK	PSSFUK	-	SUS440C or 13Cr stainless		
RSFAK	-	-	SUJ2 Equivalent		
-	-	PSFGK	S45C Equivalent	-	Hard Chrome Plating Plating Hardness: HV750 ~ Plating Thickness: 5 μ or More ~
-	-	PSSFGK	SUS304	-	Low Temp. Black Chrome Plating Hard Chrome Plating Plating Hardness: HV750 ~ Plating Thickness: 10 μ or More ~

D	D Tol.		
	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	-0.006 -0.017	0 -0.008	-0.016 -0.043
16			
18			
20			
25	-0.007 -0.020	0 -0.009	-0.020 -0.053
30			
35			
40	-0.009 -0.025	0 -0.011	-0.025 -0.064
50			



RoHS 10

Features of Low Temp. Black Chrome Plating \geq P.128
L Dimension Tolerance, Circularity, Straightness, Perpendicularity, Concentricity and Changes in Hardness \geq P.111

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

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 + ϕ 1 ≤ L SC ≥ 0																																		
		<table border="1"> <thead> <tr> <th>D</th> <th>W</th> <th>ϕ1</th> </tr> </thead> <tbody> <tr><td>6</td><td>5</td><td rowspan="4">8</td></tr> <tr><td>8</td><td>7</td></tr> <tr><td>10</td><td>8</td></tr> <tr><td>12</td><td>10</td></tr> <tr><td>13</td><td>11</td><td rowspan="4">10</td></tr> <tr><td>15</td><td>13</td></tr> <tr><td>16</td><td>14</td></tr> <tr><td>18</td><td>16</td></tr> <tr><td>20</td><td>17</td><td rowspan="4">15</td></tr> <tr><td>25</td><td>22</td></tr> <tr><td>30</td><td>27</td></tr> <tr><td>35</td><td>30</td></tr> <tr><td>40</td><td>36</td><td rowspan="2">20</td></tr> <tr><td>50</td><td>41</td></tr> </tbody> </table>	D	W	ϕ 1	6	5	8	8	7	10	8	12	10	13	11	10	15	13	16	14	18	16	20	17	15	25	22	30	27	35	30	40	36	20	50
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Alterations may lower hardness, see \geq P.112
When selecting multiple alteration additions, the distance between machined areas should be greater than 2mm. \geq P.114