

Locating Pins - Small Flat Head

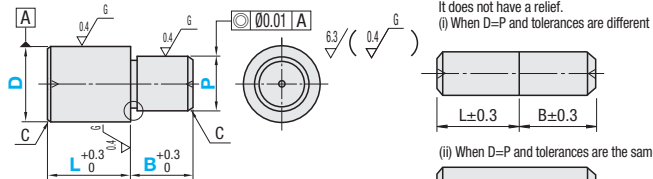
D and P Selectable Tolerance

■ **Features:** Small Flat Head with each dimension configurable. The tolerances on both ends are also configurable.

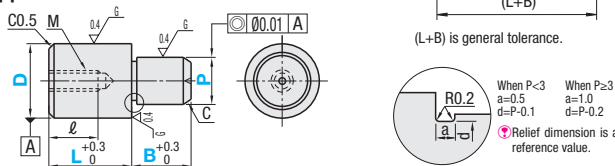


Material No.	Material	Surface Treatment	Hardness	Type	
				Press Fit	Tapped
(1)	SKS3 Equivalent	-	Treated Hardness: 60~63HRC	KFFSA	KFFSTA
(2)	SKS3 Equivalent	Hard Chrome Plating Plating Thickness: 3μm or more	Treated Hardness: 50~55HRC Plating Hardness: 750HV ~	GKFFSA	GKFFSTA
(3)	SKS3 Equivalent	-	-	BKFFSA	BKFFSTA
(4)	SUS304	-	-	SKFFSA	SKFFSTA
(5)	SUS304	Hard Chrome Plating Plating Thickness: 3μm or more	Plating Hardness: 750HV ~	HKFFSA	-
(6)	SUS440C Equivalent	-	Treated Hardness: 50~55HRC	CKFFSA	CKFFSTA

• Press Fit



• Tapped



⚠ SUS440C Equivalent has an identification groove at any position on D part.
⚠ Polished, centering hole is sometimes not available for SUS304.

■ Tolerance Selection

D or P	Standard Grade				Precision Grade	
	M	P	G	H	S	A
1.50	m6	p6	g6	h7	-	-
3.00						
3.01						
6.00						
6.01						
10.00						
10.01						
18.00						
18.01						
30.00						

⚠ The unit price of Precision Type is the price of Standard Type multiplied by 1.1.
⚠ Hard Chrome Plating products are not available with Precision Grade Tolerance.

■ Press Fit

Part Number				P 0.01mm Increment	L 1mm Increment	B 0.1mm Increment	C
Type	D Tolerance	P Tolerance	D				
KFFSA GKFFSA* BKFFSA SKFFSA HKFFSA* CKFFSA	M P G H *A *B	S M P G H *A *B	2	1.50~2.00	2~5	2.0~10.0	0.1
			3	1.50~3.00	3~10	2.0~10.0	
			4	1.50~4.00	4~10	2.0~10.0	0.5
			5	2.00~5.00	5~10	2.0~15.0	
			6	2.00~6.00	5~17	4.0~15.0	1
			8	3.00~8.00	8~21	6.0~20.0	
			10	3.00~10.00	10~23	6.0~20.0	1.5
			12	5.00~12.00	12~24	6.0~30.0	
			13	6.00~13.00	13~26	6.0~30.0	2
			16	10.00~16.00	16~32	7.0~30.0	3
20	13.00~20.00	20~40	7.0~30.0				

⚠ Hard Chrome Plating products are not available with * marked Precision Grade Tolerance.

■ Tapped

Part Number				P 0.01mm Increment	L 1mm Increment	B 0.1mm Increment	M	*Tightening Torque N・cm	ℓ	C	
Type	D Tolerance	P Tolerance	D								
KFFSTA GKFFSTA BKFFSTA SKFFSTA CKFFSTA	M P G H	S M P G H	6	4.00~6.00	8~17	4.0~15.0	M3	147	5	0.5	
			6T				M2.6	-	4		
			8	6.00~8.00	11~21	6.0~30.0	M5	676	8		1
			8T				M4	333	6		
			10	7.00~10.00	11~23	6.0~30.0	M5	676	8	1.5	
			12	7.00~12.00	12~24	6.0~30.0					
			13	8.00~13.00	13~26	6.0~30.0					
			16	10.00~16.00	16~32	7.0~30.0					
			20	13.00~20.00	20~40	7.0~30.0	M8	2803	12	3	

⚠ Pins of D dimension with T have one size smaller thread diameter and larger wall thickness. (Actual D dimension is the number without "T".)

⚠ Note the strength of under-head part. ⚠ P.1618 ⚠ Please confirm pilot hole depth on ⚠ P.1618. Holes may go through.

* Tightening torque (reference) is of Tightening Torque Strength Class (10.9) indicated on Technical Data ⚠ P.2365. Not applicable when using locking materials or lock washers.

Ordering Example: **Part Number** - **P** - **L** - **B**

Example: **KFFSA** **G** **S** **10** - **P8.00** - **L10** - **B8.0**

⚠ For products uncovered by e-Catalog Standard, see ⚠ P.131.

■ (4) Price List for Large Qty. Order of SUS304 (301~500 pcs.)

D	Press Fit	Tapped
	SKFFSA	SKFFSTA
2		-
3		-
4		-
5		-
6 6T		
8 8T		
10		
12		
13		
16		
20		

⚠ Precision Grade Price
When A, B tolerance is selected, multiply by 1.1 to the above unit price.

■ Press Fit

D	Unit Price Standard Grade					
	(1)Treated SKS3 KFFSA	(2)Hard SKS3 GKFFSA	(3)SKS3 BKFFSA	(4)SUS304 SKFFSA	(5)Hard SUS304 HKFFSA	(6)SUS440C CKFFSA
2						
3						
4						
5						
6						
8						
10						
12						
13						
16						
20						

■ Tapped

D	Unit Price Standard Grade				
	(1)Treated SKS3 KFFSTA	(2)Hard SKS3 GKFFSTA	(3)SKS3 BKFFSTA	(4)SUS304 SKFFSTA	(6)SUS440C CKFFSTA
6					
6T					
8					
8T					
10					
12					
13					
16					
20					

Alterations: **Part Number** - **P** - **L** - **B** - (GDC, RC, AC, CN, LAC)
Example: **KFFSAGS10** - **P8.00** - **L10** - **B8.0** - **RC**

Alterations	Insertion Guide	Sphere Tip	Air Vent	C Chamfered Size	Wrench Hole Machining
Code	GDC	RC	AC	CN	LAC
Spec.	Adds the insertion guide. (Ordering Code) GDC Insertion Guide D: -0.01 D ℓ 3-6 1 8-20 2	Changes the relief to R0.5. (Ordering Code) RC RC (R0.5) ⚠ Applicable when D-P≥2.	Adds an air vent. (Ordering Code) AC D-0.15 D=P (Round)	Changes C Chamfering at P dimension part to 0.5 or less. (Ordering Code) CN C0.5 or Less ⚠ Press Fit D≥4 ⚠ Tapped D≥8 ⚠ Not applicable to D dimension part.	Machines wrench holes. (Ordering Code) LAC D B 8 8T 8.0~ 10 10 9.0~ 12 12 9.0~ 16 16 10.0~ 20 20 10.0~ Wrench Hole Dimensions P G 6.00~9.99 2 10.00~15.99 3.5 16.00~ 5
	⚠ Not applicable when D≤2				⚠ Applicable when D≥8. ⚠ Combination with RC is not available. ⚠ Not applicable to Press Fit Type.