


# Locating Pins Shoulder Type

-Taper Angle, DP Tolerance Selectable-

# Locating Pins Shoulder Type

-Set Screws-

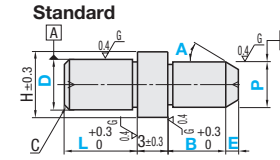
CAD Data Folder Name: Locating\_Pins



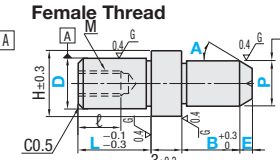
**RoHS**

Materials No.	M	S	H	Type			Shape Code
				Standard	Female Thread	Male Thread	
(1)	SKS3	-	Hardening Hardness 60-63HRC	KFH	KFHT	KFHN	A (Round) D (Diamond)
(2)	SKS3	Hard Chrome Plating Plating Thickness: 3µm or More	Hardening Hardness 60-63HRC Plating Hardness 750HV~	GKFH	GKFHT	GKFHN	
(3)	SUS304	-	-	SKFH	SKFHT	SKFHN	
(4)	SUS304	Hard Chrome Plating Plating Thickness: 3µm or More	Plating Hardness 750HV~	HKFH	HKFHT	HKFHN	
(5)	SUS440C Equivalent	-	Hardening Hardness 50-55HRC	CKFH	CKFHT	CKFHN	
(6)	SCM415	-	Carburized 55HRC~ (Depth 0.7-0.8)	TKFH	TKFHT	TKFHN	

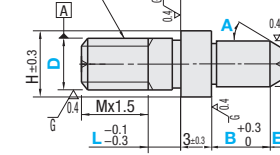
**Standard**



**Female Thread**



**Male Thread**



**Tolerance Selection**

D or P	Standard Class					Precision Class				
	M	P	G	H	S	A	B	-	-	-
1.00	+0.008	+0.012	-0.002	0	-	-	-	-	-	-
3.00	+0.002	+0.006	-0.008	-0.010	-	-	-	-	-	-
3.01	+0.012	+0.020	-0.004	0	-	-	-	-	-	-
6.00	+0.004	+0.012	-0.012	-0.012	-	-	-	-	-	-
6.01	+0.015	+0.024	-0.005	0	+0.005	0	-	-	-	-
10.00	+0.006	+0.015	-0.014	-0.015	0	-	-	-	-	-
10.01	+0.018	+0.029	-0.006	0	-	-	-	-	-	-
18.00	+0.007	+0.018	-0.017	-0.018	-	-	-	-	-	-
18.01	+0.021	+0.035	-0.007	0	-	-	-	-	-	-
20.00	+0.008	+0.022	-0.020	-0.021	-	-	-	-	-	-

Ⓜ The price of Precision Type is the price of Standard Type multiplying 1.1. (Round down to the nearest one yen.)  
 Ⓜ Hard chrome plated is not applicable to precision tolerance (\* marked).  
 Ⓜ SUS440C equivalent type has an identification groove on D part.

**Standard**

Type	Shape Code	Part Number	D	P	L	B	E	A	H	W	Unit Price Qty. 1-4 Round Shape						Unit Price Qty. 1-4 Diamond Shape											
											(1)	(2)	(3)	(4)	(5)	(6)	(1)	(2)	(3)	(4)	(5)	(6)						
KFH GKFH HKFH CKFH TKFH	A (Round) D (Diamond)	M P G H H H H H H H H H	2	1.00-2.00	2-4	2.0-10.0	0.5-10.0	15	0.5	6	1.0	980	1,320	1,470	1,960	1,610	-	1,400	1,890	2,100	2,800	2,310	-					
												1,050	1,410	1,570	2,100	1,730	-	1,520	2,050	2,280	3,040	2,500	1,750					
												1,2	1,160	1,560	1,740	2,320	1,910	1,340	1,630	2,200	2,440	3,260	2,680	1,880				
												1.5	1,260	1,700	1,890	2,520	2,070	1,450	1,630	2,200	2,440	3,260	2,680	1,880				
												1.8	1,320	1,780	1,980	2,640	2,170	1,520	1,720	2,320	2,580	3,440	2,830	1,980				
												2	1,400	1,890	2,100	2,800	2,310	1,610	1,820	2,450	2,730	3,640	3,000	2,100				
	1	8	1.5	3	1.40	1.940	2.160	2.880	2.370	1.660	1.880	2.530	2.820	3.760	3.100	2.170	2,000	2,700	3,000	4,000	3,300	2,300						
																							2,100	2,800	3,040	4,000	3,300	2,300
																							2,280	3,040	3,260	4,280	3,580	2,500
																							2,440	3,260	3,480	4,520	3,820	2,680
																							2,600	3,480	3,700	4,760	4,060	2,860
																							2,760	3,700	3,920	5,000	4,300	3,040
2	3	1.9	4	2.110	2.840	3.160	4.220	3.480	2.430	2.760	3.720	4.140	5.520	4.550	3.180	4,030	5,380	4,430	3,100	3,480	4,690	5,220	6,960	5,740	4,010			

**Female Thread**

Type	Shape Code	Part Number	D	P	L	B	E	A	H	W	M	e	Unit Price Qty. 1-4 Round Shape						Unit Price Qty. 1-4 Diamond Shape															
													(1)	(2)	(3)	(4)	(5)	(6)	(1)	(2)	(3)	(4)	(5)	(6)										
KFHT GKFHT SKFHT HKFHT CKFHT TKFHT	A (Round) D (Diamond)	M P G H H H H H H H H H	6	4.00-7.00	6(9)-12	2.0-10.0	0.5-10.0	15	8	1.8	M3	5	1,620	2,180	2,430	3,240	2,670	1,870	2,020	2,720	3,030	4,040	3,330	2,330										
													1,620	2,180	2,430	3,240	2,670	1,870	2,020	2,720	3,030	4,040	3,330	2,330										
													1,690	2,280	2,530	3,380	2,780	1,950	2,110	2,840	3,160	4,220	3,480	2,430										
													1,740	2,340	2,610	3,480	2,870	2,010	2,180	2,940	3,270	4,360	3,590	2,510										
													1,820	2,450	2,730	3,640	3,000	2,100	2,300	3,100	3,450	4,600	3,790	2,650										
													1,880	2,530	2,820	3,760	3,100	2,170	2,340	3,150	3,510	4,680	3,860	2,700										
	1	11	2.2	3	1.440	1.940	2.160	2.880	2.370	1.660	1.880	2.530	2.820	3.760	3.100	2.170	2,000	2,700	3,000	4,000	3,300	2,300												
																							2,100	2,800	3,040	4,000	3,300	2,300						
																							2,280	3,040	3,260	4,280	3,580	2,500						
																							2,440	3,260	3,480	4,520	3,820	2,680						
																							2,600	3,480	3,700	4,760	4,060	2,860						
																							2,760	3,700	3,920	5,000	4,300	3,040						
2	13	3	1.700	11.00-11.00	10-24	3.0-20.0	0.5-10.0	15	3.2	3.5	1.590	2.140	2.380	3.180	2.620	1,830	2,050	2,760	3,070	4,100	3,380	2,360												
																							1,880	2,530	2,820	3,760	3,100	2,170	2,340	3,150	3,510	4,680	3,860	2,700
																							2,410	3,250	3,610	4,820	3,970	2,780	3,050	4,110	4,570	6,100	5,030	3,510
																							2,970	4,000	4,450	5,940	4,900	3,420	3,780	5,100	5,670	7,560	6,230	4,350

**Male Thread**

Type	Shape Code	Part Number	D	P	L	B	E	A	H	W	M	e	Unit Price Qty. 1-4 Round Shape						Unit Price Qty. 1-4 Diamond Shape																
													(1)	(2)	(3)	(4)	(5)	(6)	(1)	(2)	(3)	(4)	(5)	(6)											
KFHN GKFHN SKFHN HKFHN CKFHN TKFHN	A (Round) D (Diamond)	M P G H H H H H H H H H	3	2.00-4.00	2-6	2.0-10.0	0.5-10.0	15	6	1.0	M3	1.0	1,470	1,980	2,200	2,940	2,420	-	1,960	2,640	2,940	3,920	3,230												
													1,620	2,180	2,430	3,240	2,670	1,870	2,120	2,860	3,180	4,240	3,490	2,440											
													1,760	2,370	2,640	3,520	2,900	2,030	2,280	3,070	3,420	4,560	3,760	2,630											
													1,840	2,480	2,760	3,680	3,030	2,120	2,400	3,240	3,600	4,800	3,960	2,760											
													1,960	2,640	2,940	3,920	3,230	2,260	2,540	3,420	3,810	5,080	4,190	2,930											
													2,100	2,810	3,110	4,020	3,310	2,320	2,630	3,550	3,940	5,260	4,330	3,030											
	1	8	1.5	3	1.700	11.00-11.00	15-25	3.0-20.0	15	3.2	3.5	2.120	2,860	3,180	4,240	3,490	2,440	2,800	3,780	4,200	5,600	4,620	3,220												
																								2,220	2,990	3,330	4,440	3,660	2,560	2,870	3,870	4,300	5,740	4,730	3,310
																								2,950	3,980	4,420	5,900	4,860	3,400	3,860	5,210	5,790	7,720	6,360	4,440

**Order Example**

Part Number: **KFH A M S 6 - P6.00 - L6 - B3.0 - E5.0 - A30**

Days to Ship: **3** Days

Express A ¥500/piece **P.92**

\*Hard SKS3 - SCM415 Carburization

Days to Ship: **5** Days

Express B ¥500/piece **P.92**

Volume Discount Rate (Round down to the nearest one yen.) **P.91**


Quantity: 1-4 5-19 20-49 50-99

Rate: Price List 5% 10% 15%

\*Precision Price  
When A and B tolerance is selected, multiply 1.1 to the above price (Round down to the nearest ten yen.)  
Price Calculation Example KFHNAAB16-P13.97-L12-B5.5  
2,220(KFHNAAB16)x1.1=2,440 yen

**Alterations**

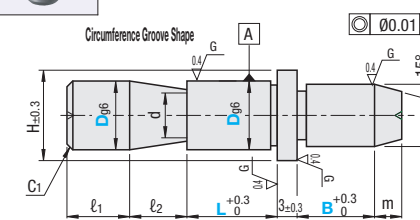
Code	Width Across Flats		Radius
	HC	RC	
Spec.	HC=0.5mm Increment HC>P HC10.0	RC Changes the relief to R0.5 (Ordering Code) RC	RC(R0.5) Applicable when H>P±2.
Price Adder	500	300	



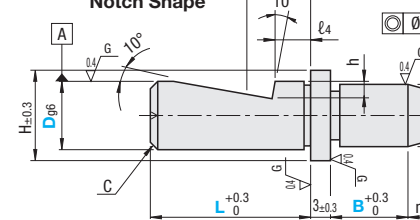
**RoHS**

Materials No.	M	S	H	Type			Shape Code
				Circumference Groove	Notch	Set Screw Flat	
(1)	SKS3	-	Hardening Hardness 60-63HRC	JPGJ	JPCJ	JPDJ	S (Round) D (Diamond)
(2)	SKS3	Hard Chrome Plating Plating Thickness: 3µm or More	Hardening Hardness 60-63HRC Plating Hardness 750HV~	GJPGJ	GJPCJ	GJPDJ	
(3)	SUS304	-	-	SJPGJ	SJPCJ	SJPDJ	
(4)	SUS440C Equivalent	-	Hardening Hardness 50-55HRC	CJPGJ	CJPCJ	CJPDJ	

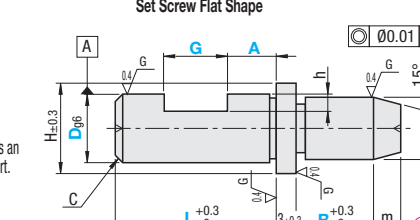
**Circumference Groove Shape**



**Notch Shape**



**Set Screw Flat Shape**



**Table: D vs g6**

D	g6
6	-0.004
8-10	-0.012
12-16	-0.014
20	-0.016
	-0.007
	-0.020

**Table: Part Number vs Dimensions**

Part Number	Shape Code	D	P	L	B	d	ℓ1	ℓ2	C1	m	H	(W)	
												When D<P	When D>P
S (Round)	D (Diamond)	6	2.00-6.00	3-12	2.0-20.0	4.5	5	5	1	3	8	3	1.5
												2	0.5
												6	1.5
												8	0.5
												10	0.5
												12	0.5
D (Diamond)	S (Round)	8	3.00-8.00	3-16	2.0-20.0	6.5	6	6	2	4	11	3.5	1.8
												3	0.5
												8	0.5
												10	0.5
												12	0.5
												16	0.5
D (Diamond)	S (Round)	10	3.00-10.00	4-20	3.0-20.0	8	8	8	2	5	15	5	2.5
												4	0.5
												8	0.5
												12	0.5
												16	0.5
												20	0.5
D (Diamond)	S (Round)	12	5.00-12.00	5-24	5.0-20.0	10	4	8	3	5	19	7	4
												4	0.5
												8	0.5
												12	0.5
												16	0.5
												20	0.5
D (Diamond)	S (Round)	1											