

Small Diameter Locating Pin

Straight

■ **Features:** Locating pins with Ø3 or less pin diameter. Selectable from 4 types of tip shape.

Material	Hardness	Type											
		L Selectable			L Configurable				L Configurable and Tolerance Selectable				
		Flat	Sphere	Tapered	Flat	Sphere	Taper R	Tapered	Flat	Sphere	Taper R	Tapered	
SUS304 Equivalent	Treated Hardness: 50 - 59HRC	SFKT	SPKT	SXKT	SFST	SPST	STST	SXST	SFFPT	SPPT	STPT	SXFPT	
*SUS304	-	SFKS	SPKS	SXKS	SFSS	SPSS	STSS	SXSS	SFFPS	SPPS	STPS	SXFPS	
SUS400 or 130 stainless	Treated Hardness: 50 - 55HRC	-	-	-	SFSC	SPSC	STSC	SXSC	SFFPC	SPPC	STPC	SXFPC	
SUS304 (SR Parts Polished)	-	-	-	-	SPSSG	-	-	-	-	-	-	-	
SUS304 (SR Parts Polished)	Treated Hardness: 40 - 52HRC	-	-	-	SPSDG	-	-	-	-	-	-	-	

* For L Selectable Type, it is the SUS304 equivalent.

Tip Shape
 Select from the diagram on the right.

Flat

Taper R

Sphere

Tapered

Ⓢ SUS304 may not be polished.

■ L Selectable

Part Number	D	d dim. Tolerance	L Selection	E
Flat	1	0 -0.005	3 4 5 6 10	0.5
Sphere	1.5		5 6 8	
Tapered	2		5 6 8 10 12 15	
SFKT SPKT SXKT SFKS SPKS SXKS	3		5 6 8 10 12 15	

■ L Configurable

Part Number	D 0.1mm Increment	d dim. Tolerance	L 0.5mm Increment	E 0.5mm Increment	R
Flat	1.0-2.0	0 -0.005	3.0-30.0	0.5-2.5	0.2
Sphere					
Taper R	2.1-3.0	0 -0.005	3.0-30.0	0.5-2.5	0.4
Tapered					

Ⓢ For Taper R, L-1≥(Dx1.85)-(Rx2.75) Ⓢ For Tapered, L≥E+1 D≥E

■ L Configurable and Tolerance Selectable

Part Number	D Tolerance	D 0.01mm Increment	L 0.1mm Increment	E 0.5mm Increment	R
Flat	P +0.005 0	0.50-1.00	3.0-30.0	0.5-2.5	-
Sphere	Q ±0.002				
Taper R	R 0 -0.005	1.01-2.00	3.0-30.0	0.5-2.5	0.2
Tapered	H 0 -0.01				

Ⓢ For Taper R, L-1≥(Dx1.85)-(Rx2.75) Ⓢ For Tapered, L≥E+1 D≥E



Ordering Example
 ■ L Selectable
 Part Number - D - L
 SPKS - D1 - L5

■ L Configurable
 Part Number - D - L - E
 SPST - D1.5 - L8.5 (Sphere)
 SXST - D1.5 - L5.0 - E1.0 (Tapered)

■ L Configurable and Tolerance Selectable
 Part Number - D - L - E
 Type D Tol.
 SPPT P - D0.55 - L5.0 (Sphere)
 SXFPT P - D2.82 - L5.0 - E2.5 (Tapered)



Alterations
 Part Number - D - L - E - (GDC, CC)
 SFST - D2.0 - L10 - CC
 Ⓢ combination of GDC and CC is not available. Ⓢ Not applicable to L Selectable Type.

Alterations Code	Insertion Guide GDC	C Chamfered Size CC
Spec.	Adds the insertion guide. Ordering Code: GDC Insertion Guide D -0.01 -0.03 	D dimension C chamfering 0.1 is changed to 0.3. Ordering Code: CC C0.3

Ⓢ Machines one side only for Flat Type.
 Ⓢ Applicable when D≥2.1 and L≤5.0 for L Configurable Type.
 Ⓢ Applicable when D≥2.01 and L≤5.0 for L Configurable and Tolerance Selectable Type.
 Ⓢ D≥1.5 is applicable to L Configurable Type.
 Ⓢ D≥1.50 is applicable to L Configurable and Tolerance Type.

■ L Selectable

D	Unit Price					
	Flat		Sphere		Tapered	
1	SFKT	SFKS	SPKT	SPKS	SXKT	SXKS
1.5						
2						
3						

■ L Configurable

D	Unit Price													
	Flat			Sphere				Taper R Type			Tapered			
1.0-2.0	SFST	SFSS	SFSC	SPST	SPSS	SPSC	SPSSG	SPSDG	STST	STSS	STSC	SXST	SXSS	SXSC
2.1-3.0														

■ L Configurable and Tolerance Selectable

D	Unit Price											
	Flat			Sphere			Taper R Type			Tapered		
0.50-1.00	SFFPT	SFPS	SFPC	SPPT	SPPS	SPPC	STPT	STPS	STPC	SXFPT	SXFPS	SXFPC
1.01-2.00												
2.01-3.00												