

Small Diameter Locating Pin

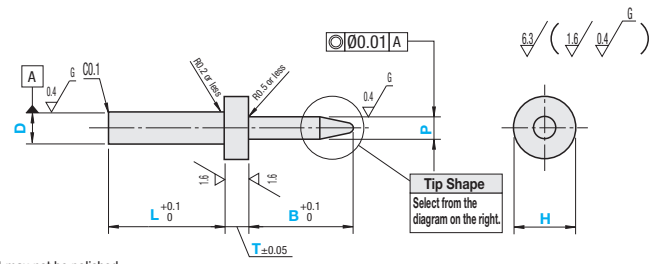
Shouldered, Press Fit

Shouldered, Press Fit



RoHS10

Material	Hardness	Type							
		Standard Tolerance				Tolerance Selection			
		Flat	Sphere	Taper R	Tapered	Flat	Sphere	Taper R	Tapered
SK95 (SK4) Equivalent	50~58HRC	SFSST	SPSST	STSST	SXSST	SFPST	SPPST	STPST	-
SUS304	-	SFSSS	SPSSS	STSSS	SXSSS	SFPSS	SPPSS	-	SXPSS



Tip Shape Selectable	
Flat SF	Taper R ST
Sphere SP	Tapered SX

SUS304 may not be polished.

Standard Tolerance

Part Number	D	d dim. Tolerance m6	L 0.5mm Increment	P 0.1mm Increment	P Dimension Tolerance	B 0.5mm Increment	H 0.1mm Increment	T 0.5mm Increment	E 0.5mm Increment (Taper only)	R
Flat	1	+0.008 +0.002	2.0~5.0	1.0~2.9	0 -0.01	1.0~10.0	1.1~3.0	1.0~10.0	0.5~5.0	0.2
Sphere	2		4.0~10.0	1.0~4.0		2.1~7.0	0.2			
Taper R	3		6.0~10.0	1.5~6.0		3.1~8.0	0.3			
Tapered	4		8.0~10.0	2.0~7.0		4.1~9.0	0.4			

P<H D<H For Sphere, B-1≥P/2 For Taper R Type, B-1≥1.85P-2.75R For Tapered: B≥E+1, P≥E

Tolerance Selectable

Part Number	D	P	L	B	H	T	E	R	M		
Flat	P	+0.005 0	2	1.00~4.00	2.10~7.00	1.0~20.0	0.5~5.0	0.2	M2		
Sphere	Q	±0.002	3	1.50~6.00	3.10~8.00					0.2	M3
Taper R	R	0 -0.005	4	2.00~7.00	4.10~9.00					0.3	M4
Tapered										0.4	

P<H D<H For Sphere, B-1≥P/2 For Taper R Type, B-1≥1.85P-2.75R For Tapered: B≥E+1, P≥E

Standard Tolerance

D	Unit Price							
	Flat (SFSS□)		Sphere (SPSS□)		Taper R (STSS□)		Tapered (SXSS□)	
1	SFSST	SFSSS	SPSST	SPSSS	STSST	STSSS	SXSST	SXSSS
2								
3								
4								

Tolerance Selectable

D	Unit Price							
	Flat (SFPST□)		Sphere (SPPST□)		Taper R (STPST□)		Tapered (SXPST□)	
1	SFPST	SFPSS	SPPST	SPPSS	STPST	STPSS	SXPST	SXPSS
2								
3								
4								

Ordering Example Part Number - L - P - B - H - T - E
 SXSSS4 - L10.0 - P6.2 - B5.0 - H8.0 - T3.0 - E3.0
 SPPSTPP2 - L8.0 - P2.0 - B4.0 - H3.5 - T5.0

Alterations Code	Insertion Guide	C Chamfered Size
	GDC	CC

Spec. Adds the insertion guide. Ordering Code GDC
 Insertion Guide D^{-0.01}/_{-0.03}
 C Chamfered Size D dimension C chamfering 0.1 is changed to 0.3. Ordering Code CC
 C0.3
 Applicable when D≥2
 Combination of GDC and CC is not available.

Alterations Part Number - L - P - B - H - T - E - (GDC, CC)
 SFSST3 - L6.0 - P3.0 - B6.0 - H5.0 - T2.0 - CC

Small Diameter Locating Pin

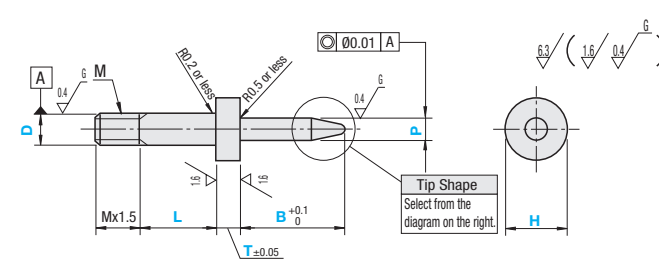
Shouldered, Threaded

Shouldered, Threaded



RoHS10

Material	Hardness	Type							
		Standard Tolerance				Tolerance Selection			
		Flat	Sphere	Taper R	Tapered	Flat	Sphere	Taper R	Tapered
SK95 (SK4) Equivalent	50~58HRC	SFSNT	SPSNT	STSNT	SXSNT	-	SPPNT	STPNT	-
SUS304	-	SFSNS	SPSNS	STSNS	SXSNS	SFPNS	SPPNS	STPNS	-



Tip Shape Selectable	
Flat SF	Taper R ST
Sphere SP	Tapered SX

When L=0, an undercut will be added at the neck of the thread. SUS304 may not be polished.

Standard Tolerance

Part Number	D	D dim. Tolerance	L 0.5mm Increment	P 0.1mm Increment	P Dimension Tolerance	B 0.5mm Increment	H 0.1mm Increment	T 0.5mm Increment	E 0.5mm Increment (Taper only)	R	M			
Flat	2	0 -0.005	0	1.0~10.0	0 -0.01	1.0~30.0	2.1~7.0	1.0~20.0	0.5~5.0	0.2	M2			
Sphere	3										1.5~6.0	3.1~8.0	0.3	M3
Taper R	4										2.0~7.0	4.1~9.0	0.4	M4
Tapered														

P<H D<H For Sphere, B-1≥P/2 For Taper R Type, B-1≥1.85P-2.75R For Tapered: B≥E+1, P≥E

Tolerance Selectable

Part Number	D	P	L	B	H	T	E	R	
Flat	P	+0.005 0	1	2.0~5.0	1.00~2.90	1.0~10.0	1.10~3.00	1.0~10.0	0.2
Sphere	Q	±0.002	2	4.0~10.0	1.00~4.00	1.0~30.0	2.10~7.00	0.5~5.0	0.2
Taper R	R	0 -0.005	3	6.0~10.0	1.50~6.00	1.0~30.0	3.10~8.00	1.0~20.0	0.3
Tapered			4	8.0~10.0	2.00~7.00	1.0~30.0	4.10~9.00	1.0~20.0	0.4

P<H D<H For Sphere, B-1≥P/2 For Taper R Type, B-1≥1.85P-2.75R For Tapered: B≥E+1, P≥E

Ordering Example Part Number - L - P - B - H - T - E
 SPSNT3 - L3.5 - P2.5 - B10.5 - H4.2 - T5.5
 SXPNSQR2 - L2.0 - P3.2 - B8.0 - H4.00 - T3.0 - E3.0

Standard Tolerance

D	Unit Price							
	Flat (SFSNT□)		Sphere (SPSNT□)		Taper R (STSNT□)		Tapered (SXSNT□)	
2	SFSNT	SFSNS	SPSNT	SPSNS	STSNT	STSNS	SXSNT	SXSNS
3								
4								

Tolerance Selectable

D	Unit Price							
	Flat (SFPNT□)		Sphere (SPPNT□)		Taper R (STPNT□)		Tapered (SXPNT□)	
2	SFPNT	SFPNS	SPPNT	SPPNS	STPNT	STPNS	SXPNT	SXPNS
3								
4								