

Small Diameter Locating Pin

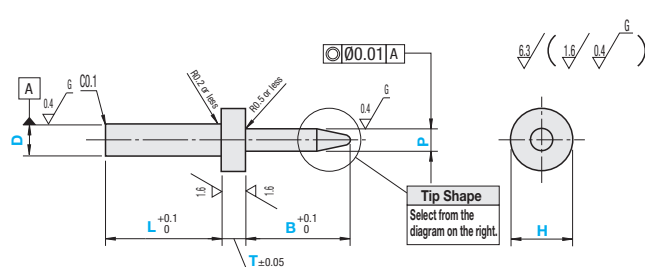
Shouldered, Press Fit

Shouldered, Press Fit



RoHS

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

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 SFSST SFSSS	Sphere SPSST SPSSS	Taper R STSST STSSS	Tapered XSST SXSSS	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
				2		4.0~10.0	1.0~4.0		1.0~30.0	2.1~7.0	1.0~20.0		0.2
				3		6.0~10.0	1.5~6.0			3.1~8.0			0.3
				4	+0.012 +0.004	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
TYPE	D Tolerance	P Tolerance	L 0.1mm Increment	B 0.1mm Increment	H 0.01mm Increment	T 0.1mm Increment	E 0.5mm Increment (Taper only)	R	M
Flat	P +0.005 0	P +0.005 0	0 1.0~10.0	1.0~30.0	2.10~7.00	1.0~20.0	0.5~5.0	0.2	M2
Sphere	Q ±0.002	Q ±0.002							M3
Taper R	R 0 -0.005	R 0 -0.005							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

Standard Tolerance

D	Unit Price							
	Flat (SFSS)	Sphere (SPSS)	Taper R (STSS)	Tapered (SXSS)	Flat (SFSS)	Sphere (SPSS)	Taper R (STSS)	Tapered (SXSS)
1								
2								
3								
4								

Tolerance Selectable

D	Unit Price							
	Flat (SFPST)	Sphere (SPPST)	Taper R (STPST)	Tapered (SXPST)	Flat (SFPST)	Sphere (SPPST)	Taper R (STPST)	Tapered (SXPST)
1								
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}	D dimension C chamfering 0.1 is changed to 0.3. Ordering Code CC C0.3
	Applicable to D≥3, L≥8.0	Applicable when D≥2 Combination of GDC and CC is not available.

Alterations Part Number - L - P - B - H - T - E (GDC, CC)
SFSST3 - L8.0 - P3.0 - B6.0 - H5.0 - T2.0 - CC

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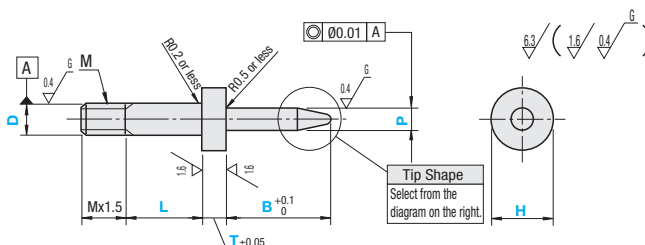
Shouldered, Threaded

Shouldered, Threaded



RoHS

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.

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	1.0~4.0	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				M3
Taper R	4			2.0~7.0			4.1~9.0				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
TYPE	D Tolerance	P Tolerance	L 0.1mm Increment	B 0.1mm Increment	H 0.01mm Increment	T 0.1mm Increment	E 0.5mm Increment (Taper only)	R
Flat	P +0.005 0	P +0.005 0	1 2 3 4	1.0~10.0	2.10~7.00	1.0~20.0	0.5~5.0	0.2
Sphere	Q ±0.002	Q ±0.002						
Taper R	R 0 -0.005	R 0 -0.005						
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

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)	Flat (SFSNT)	Sphere (SPSNT)	Taper R (STSNT)	Tapered (SXSNT)
2								
3								
4								

Tolerance Selectable

D	Unit Price							
	Flat (SFPNT)	Sphere (SPPNT)	Taper R (STPNT)	Tapered (SXPNT)	Flat (SFPNT)	Sphere (SPPNT)	Taper R (STPNT)	Tapered (SXPNT)
2								
3								
4								