

# Bushings for Inspection Components

## Shouldered (Standard, Press Fit Type)

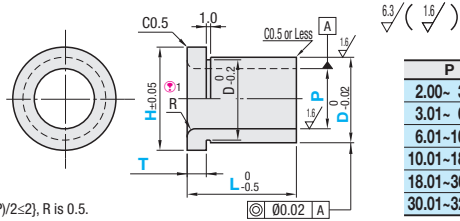
■ **Features:** Height is adjustable at shoulder as a shim (2, 3 and 5mm). For compatible Pins, see **P.1819–P.1820** and **P.1840**.

### ■ Standard Type



RoHS 10

Material	Hardness	Surface Treatment	Type			
			T Selection		T, H Configurable	
			P <sup>+0.03</sup> / <sub>-0.01</sub>	P <sub>H7</sub>	P <sup>+0.03</sup> / <sub>-0.01</sub>	P <sub>H7</sub>
SKS93 Equivalent	50–60HRC	-	<b>KJBST</b>	<b>KJBHST</b>	<b>KJBFS</b>	<b>KJBFHS</b>
SKS93 Equivalent	50–60HRC	Electroless Nickel Plating	<b>KJBSTM</b>	<b>KJBHSTM</b>	<b>KJBFSM</b>	<b>KJBFHSM</b>
SUS304 <sup>*2</sup>	-	-	<b>KJBSTS</b>	<b>KJBHSTS</b>	-	-
SUS440C or 13Cr stainless	45–50HRC	-	<b>KJBSTSC</b>	<b>KJBHSTSC</b>	<b>KJBFSSC</b>	<b>KJBFHSSC</b>



① When wall is 2mm or less ((D–P)/2≤2), R is 0.5.

P	H7
2.00~ 3.00	+0.001 0
3.01~ 6.00	+0.012 0
6.01~10.00	+0.015 0
10.01~18.00	+0.018 0
18.01~30.00	+0.021 0
30.01~32.00	+0.025 0

### ■ T Selection P Dimension Tolerance<sup>+0.03</sup>/<sub>-0.01</sub>

Part Number		P	L	T±0.05	H	R	Unit Price			
Type	D	0.01mm Increment	1mm Increment	Selection			KJBHST	KJBHSTM	KJBHSTS	KJBHSTSC
(SKS93 Equivalent Hardened)	8	2.00~ 6.00	5~40	2 3 5	D+4	1.0				
<b>KJBST</b>	10	2.00~ 8.00				1.0				
(SKS93 Equivalent Hardened, Electroless Nickel Plating)	12	4.00~10.00				2.0				
<b>KJBSTM</b>	16	8.00~14.00				2.0				
(SUS304)	20	10.00~18.00				2.0				
(SUS440C or 13Cr stainless)	25	15.00~23.00	When P<4 L≤Px4 When P≥4 L≤Px3							
	30	20.00~27.00								
<b>KJBHSTSC</b>	35	25.00~32.00								

### ■ T Selection P Dimension Tolerance H7

Part Number		P	L	T±0.05	H	R	Unit Price			
Type	D	0.01mm Increment	1mm Increment	Selection			KJBHST	KJBHSTM	KJBHSTS	KJBHSTSC
(SKS93 Equivalent Hardened)	8	2.00~ 6.00	5~40	2 3 5	D+4	1.0				
<b>KJBHST</b>	10	2.00~ 8.00				1.0				
(SKS93 Equivalent Hardened, Electroless Nickel Plating)	12	4.00~10.00				2.0				
<b>KJBHSTM</b>	16	8.00~14.00				2.0				
(SUS304)	20	10.00~18.00				2.0				
(SUS440C or 13Cr stainless)	25	15.00~23.00	When P<4 L≤Px4 When P≥4 L≤Px3							
	30	20.00~27.00								
<b>KJBHSTSC</b>	35	25.00~32.00								

### ■ T, H Configurable P Dimension Tolerance<sup>+0.03</sup>/<sub>-0.01</sub>

Part Number		P	L	T±0.01	H	R	Unit Price		
Type	D	0.01mm Increment	1mm Increment	0.1mm Increment	1mm Increment		KJBFBS	KJBFMS	KJBFSSC
(SKS93 Equivalent Hardened)	8	2.00~ 6.00	5~40	2.0~5.5	10~16	1.0			
<b>KJBFBS</b>	10	2.00~ 8.00			12~18	1.0			
(SKS93 Equivalent Hardened, Electroless Nickel Plating)	12	4.00~10.00			14~20	2.0			
<b>KJBFMS</b>	16	8.00~14.00			18~26	2.0			
(SUS440C or 13Cr stainless)	20	10.00~18.00			22~37	2.0			
<b>KJBFSSC</b>	25	15.00~23.00	When P<4 L≤Px4 When P≥4 L≤Px3						
					27~40	2.0			

### ■ T, H Configurable P Dimension Tolerance H7

Part Number		P	L	T±0.01	H	R	Unit Price		
Type	D	0.01mm Increment	1mm Increment	0.1mm Increment	1mm Increment		KJBFHS	KJBFMS	KJBFHSSC
(SKS93 Equivalent Hardened)	8	2.00~ 6.00	5~40	2.0~5.5	10~16	1.0			
<b>KJBFHS</b>	10	2.00~ 8.00			12~18	1.0			
(SKS93 Equivalent Hardened, Electroless Nickel Plating)	12	4.00~10.00			14~20	2.0			
<b>KJBFMS</b>	16	8.00~14.00			18~26	2.0			
(SUS440C or 13Cr stainless)	20	10.00~18.00			22~37	2.0			
<b>KJBFHSSC</b>	25	15.00~23.00	When P<4 L≤Px4 When P≥4 L≤Px3						
					27~40	2.0			

② For SUS304, there must be a 2mm or greater wall thickness ((D–P)/2≥2). ③ D=30 and 35 are applicable to SKS93 (except electroless nickel plating) only.