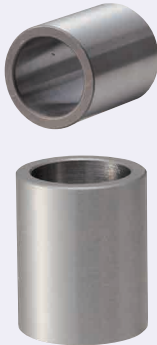


Bushings for Inspection Components

Straight (Standard, Press Fit Type)

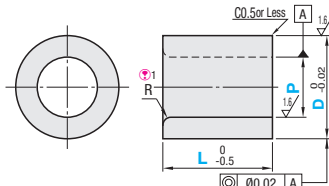
For compatible Pins, see P1819-P1820 and P1840.

Standard Type



RoHS 10

Material	Hardness	Surface Treatment	Type			
			P, L Selectable		P, L Configurable	
			P ^{+0.03/-0.01}	PH7	P ^{+0.03/-0.01}	PH7
SKS93 Equivalent (Raw Material)	-	-	-	-	KJBSN	KJBHSN
SKS93 Equivalent	50~60HRC	-	KJBA	KJBHA	KJBS	KJBHS
SKS93 Equivalent	50~60HRC	Electroless Nickel Plating	-	-	KJBSPM	KJBPHSM
SUS304 ^{1,2}	-	-	-	-	KJBSS	KJBHSS
SUS440C Equivalent	45~50HRC	-	-	-	KJBSSC	KJBPHSSC



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

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

P, L Selectable

Part Number Type	D	P Selection	L Selection	R	Unit Price
(P ^{+0.03/-0.01}) KJBA	10	3	10	1.0	
		4	10 15	1.0	
		5	10 15	1.0	
		6	10 15	0.5	
	12	8	15	0.5	
		6	15	2.0	
		8	15 20	0.5	
		10	15	0.5	
	16	10	15 20	2.0	
		12	15 20	0.5	

Part Number Type	D	P Selection	L Selection	R	Unit Price
(PH7) KJBHA	10	4	10 15	1.0	
		5	15	1.0	
		6	15	0.5	
		6	15	2.0	
	12	8	15 20	0.5	
		8	15 20	2.0	
		10	15 20	2.0	
		13	20 25	0.5	
	16				

P, L Configurable P Dimension Tolerance^{+0.03/-0.01}

Part Number Type		D	P 0.01mm Increment	L 1mm Increment	R	Unit Price				
						KJBSN	KJBS	KJBSPM	KJBSS	KJBSSC
(SKS93 Equivalent Raw Material)	KJBSN	8	2.00~ 6.00	5~40 When P<5 L≤Px4 When P≥5 L≤Px3	1.0					
		10	2.00~ 8.00		1.0					
(SKS93 Equivalent Hardened)	KJBS	12	4.00~10.00		2.0					
(SKS93 Equivalent Hardened, Electroless Nickel Plating)	KJBSPM	16	8.00~14.00		2.0					
		20	10.00~18.00		2.0					
(SUS304)	KJBSS	25	15.00~23.00		2.0					
(SUS440C Equivalent)	KJBSSC	30	20.00~27.00		2.0			-	-	-
		35	25.00~32.00		2.0			-	-	-

P, L Configurable P Dimension Tolerance H7

Part Number Type		D	P 0.01mm Increment	L 1mm Increment	R	Unit Price				
						KJBHSN	KJBHS	KJBHSM	KJBHSS	KJBHSSC
(SKS93 Equivalent Raw Material)	KJBHSN	8	2.00~ 6.00	5~40 When P<5 L≤Px4 When P≥5 L≤Px3	1.0					
		10	2.00~ 8.00		1.0					
(SKS93 Equivalent Hardened)	KJBHS	12	4.00~10.00		2.0					
(SKS93 Equivalent Hardened, Electroless Nickel Plating)	KJBHSM	16	8.00~14.00		2.0					
		20	10.00~18.00		2.0					
(SUS304)	KJBHSS	25	15.00~23.00		2.0					
(SUS440C Equivalent)	KJBHSSC	30	20.00~27.00		2.0			-	-	-
		35	25.00~32.00		2.0			-	-	-

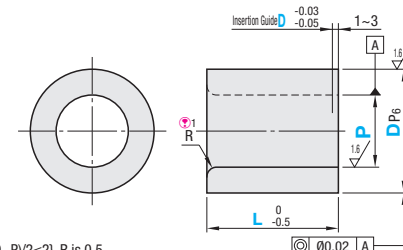
2. For SUS304, there must be a 2mm or greater wall thickness ((D-P)/2≥2). 3. D=30 and 35 are applicable to SKS93 (except electroless nickel plating) only.

For compatible Pins, see P1819-P1820 and P1840.

Press Fit Type



Material	Hardness	Surface Treatment	Type	
			P ^{+0.03/-0.01}	PH7
SKS93 Equivalent	50~60HRC	-	KJBPS	KJBPHS
SKS93 Equivalent	50~60HRC	Electroless Nickel Plating	KJBPSM	KJBPHSM
SUS304 ^{1,2}	-	-	-	KJBPHSS
SUS440C Equivalent	45~50HRC	-	KJBPSSC	KJBPHSSC



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

P, L Configurable P Dimension Tolerance^{+0.03/-0.01}

Part Number Type		D	P 0.01mm Increment	L 1mm Increment	R	Unit Price		
						KJBPS	KJBPSM	KJBPSSC
(SKS93 Equivalent Hardened)	KJBPS	8	2.00~ 6.00	5~40 When P<5 L≤Px4 When P≥5 L≤Px3	1.0			
		10	2.00~ 8.00		1.0			
		12	4.00~10.00		2.0			
(SKS93 Equivalent Hardened, Electroless Nickel Plating)	KJBPSM	16	8.00~14.00		2.0			
		20	10.00~18.00		2.0			
		25	15.00~23.00		2.0			
(SUS440C Equivalent)	KJBPSSC	30	20.00~27.00		2.0		-	-
					2.0		-	-
		35	25.00~32.00		2.0		-	-

P, L Configurable P Dimension Tolerance H7

Part Number Type		D	P 0.01mm Increment	L 1mm Increment	R	Unit Price			
						KJBPHS	KJBPHSM	KJBPHSS	KJBPHSSC
(SKS93 Equivalent Hardened)	KJBPHS	8	2.00~ 6.00	5~40 When P<5 L≤Px4 When P≥5 L≤Px3	1.0				
		10	2.00~ 8.00		1.0				
		12	4.00~10.00		2.0				
(SKS93 Equivalent Hardened, Electroless Nickel Plating)	KJBPHSM	16	8.00~14.00		2.0				
		20	10.00~18.00		2.0				
		25	15.00~23.00		2.0				
(SUS304)	KJBPHSS	30	20.00~27.00		2.0		-	-	-
					2.0		-	-	-
		35	25.00~32.00		2.0		-	-	-

2. For SUS304, there must be a 2mm or greater wall thickness ((D-P)/2≥2).

Ordering Example	Part Number			
	Type	D	P	L
	KJBA	10	P5	L15
	KJBSN	12	P6.53	L20

Alterations	Part Number - P - L - (FC, NC-etc.)			
	KJBS10	- P3.00	- L6	- STC
	KJBSN12	- P6.00	- L20	- CRN

Applicable to P, L Dimension Configurable Type only.

Alterations	Code	Spec.
Groove (for Adhesive Reservoir) 	FC	Adds an adhesive reservoir groove. D≥P+3: Applicable only when a wall of 1.5mm or thicker is remaining. Applicable only when L≥10.
Groove (for Retaining) 	NC	Adds groove for retaining. D≥P+3: Applicable only when a wall of 1.5mm or thicker is remaining. Applicable only when L≥10.
Radius R C Chamfered 	RN	Adds C Chamfering (0.5 or less) to R.

Alterations	Code	Spec.
Radius R Square Corner 	CRN	Replaces R with square corner. Edge may be burred. Combination with alteration LKC is not available.
Additional Surface Treatment (Black Oxide) 	STC	Adds black oxide surface treatment. Applicable only to material SKS93 (except electroless nickel plating).
L Dimension Tolerance 	LKC	Changes L dimension tolerance to 0.05. Combination with alteration CRN is not available.
Flats Machining 	HT	Adds a flat on bushing.