

Bushings for Inspection Components

Stepped Straight Type with Shoulder (Standard/Press Fit Type)

For compatible Pins, see P1821~P1824.

Stepped Straight Type with Shoulder



Material	Hardness	Type								
		T Selection				T, H Configurable				
		S _{±0.03} SH7		SH7		S _{±0.03} SH7		SH7		
Standard Type (D _{±0.02})	Press Fit Type (D _{p6})	Standard Type (D _{±0.02})	Press Fit Type (D _{p6})	Standard Type (D _{±0.02})	Press Fit Type (D _{p6})	Standard Type (D _{±0.02})	Press Fit Type (D _{p6})	Standard Type (D _{±0.02})	Press Fit Type (D _{p6})	
SKS93 Equivalent	50~60HRC	KJBDT	KJBPDТ	KJBHDT	KJBPHDT	KJBFД	KJBPFД	KJBFHD	KJBPFHD	
SUS304 ^③	-	KJBDTS	KJBPDTS	-	-	-	-	-	-	-

① Press Fit Type has a 1 ~ 3mm guide part (D_{-0.05}^{+0.03}).

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

S	H7
3.00-6.00	+0.012 0
6.01-10.00	+0.015 0
10.01-18.00	+0.018 0
18.01-21.00	+0.021 0

T Selection S Dimension Tolerance^{+0.03}_{-0.01}

Part Number	D	P	S	L	B	T	H	R	Unit Price	
Type	D	0.01mm Increment	0.01mm Increment	1mm Increment	1mm Increment	Selection	H	R	KJBDT	KJBPDТ
(The Standard Type SKS 93 Equivalent Hardening)	8	4.00~ 6.00	3.00~ 5.00	3~25	5~25	2 3 5	D+4	1.0		
KJBDT	10	4.00~ 8.00	3.00~ 7.00							
(Press Fit, SKS93 Equivalent Hardened)	12	5.00~10.00	3.00~ 9.00							
KJBPDТ	16	8.00~14.00	4.00~13.00							
(Standard, SUS304)	20	10.00~18.00	6.00~17.00							
KJBDTS	25	15.00~23.00	8.00~21.00							

T Selection S Dimension Tolerance H7

Part Number	D	P	S	L	B	T	H	R	Unit Price	
Type	D	0.01mm Increment	0.01mm Increment	1mm Increment	1mm Increment	Selection	H	R	KJBDT	KJBPDТ
(Standard, SKS93 Equivalent Hardened)	8	4.00~ 6.00	3.00~ 5.00	3~25	5~25	2 3 5	D+4	1.0		
KJBHDT	10	4.00~ 8.00	3.00~ 7.00							
(Press Fit, SKS93 Equivalent Hardened)	12	5.00~10.00	3.00~ 9.00							
KJBPHDT	16	8.00~14.00	4.00~13.00							
(Standard, SUS304)	20	10.00~18.00	6.00~17.00							
KJBPDTS	25	15.00~23.00	8.00~21.00							

T, H Configurable S Dimension Tolerance^{+0.03}_{-0.01}

Part Number	D	P	S	L	B	T	H	R	Unit Price	
Type	D	0.01mm Increment	0.01mm Increment	1mm Increment	1mm Increment	Selection	H	R	KJBFД	KJBPFД
(Standard, SKS93 Equivalent Hardened)	8	4.00~ 6.00	3.00~ 5.00	3~25	5~25	2.0~5.5	10~14	1.0		
KJBFД	10	4.00~ 8.00	3.00~ 7.00							
(Press Fit, SKS93 Equivalent Hardened)	12	5.00~10.00	3.00~ 9.00							
KJBPFД	16	8.00~14.00	4.00~13.00							
(Standard, SUS304)	20	10.00~18.00	6.00~17.00							
KJBFHD	25	15.00~23.00	8.00~21.00							

T, H Configurable S Dimension Tolerance H7

Part Number	D	P	S	L	B	T	H	R	Unit Price	
Type	D	0.01mm Increment	0.01mm Increment	1mm Increment	1mm Increment	Selection	H	R	KJBFHD	KJBPFHD
(Standard, SKS93 Equivalent Hardened)	8	4.00~ 6.00	3.00~ 5.00	3~25	5~25	2.0~5.5	10~14	1.0		
KJBFHD	10	4.00~ 8.00	3.00~ 7.00							
(Press Fit, SKS93 Equivalent Hardened)	12	5.00~10.00	3.00~ 9.00							
KJBPFHD	16	8.00~14.00	4.00~13.00							
(Standard, SUS304)	20	10.00~18.00	6.00~17.00							
KJBFHDT	25	15.00~23.00	8.00~21.00							

③. For SUS304, there must be a 2mm or greater wall thickness ((D-P)/2≥2).

Ordering Example	Part Number	P	S	L	B	T	H
KJBDT	12	- P8.02	- S4.12	- L10	- B5	- T3	
KJBFД	12	- P8.02	- S4.12	- L10	- B5	- T3.5	- H15

Alterations	Part Number	P	S	L	B	T	STC
KJBDT12	- P8.00	- S4.00	- L10	- B5	- T3	- STC	

Alterations	Code	Spec.
Groove (for Adhesive Reservoir)	FC	Adds an adhesive reservoir groove. ① D≥P+3: Applicable only when a wall of 1.5mm or thicker is remaining. ② Applicable when L+B≥10 for Straight Type, L+B≥15 for Shouldered Type.
Groove (for Retaining)	NC	Adds groove for retaining. ① D≥P+3: Applicable only when a wall of 1.5mm or thicker is remaining. ② Applicable when L+B≥10 for Straight Type, L+B≥15 for Shouldered Type.
Radius R C Chamfered	RN	Adds C Chamfering (0.5 or less) to R.
Radius R Square Corner	CRN	Replaces R with square corner. ① Edge may be burred. ② Combination with TKC and LKC is not available.

Alterations	Code	Spec.
Additional Surface Treatment (Black Oxide)	STC	Adds black oxide surface treatment. ① Applicable only to material SKS93 (except electroless nickel plating).
P Dimension Tolerance	PKC	Changes P dimension tolerance to H7.
Shoulder Thickness Tolerance	TKC	Changes shoulder thickness tolerance to ±0.01. ① Applicable to Shouldered T Dimension Fixed Type only. ② Combination with alteration CRN and LKC is not available.
L+B Dimension Tolerance	LKC	Changes L+B dimension tolerance to ⁰ _{-0.05} . ① Combination with TKC and CRN is not available. ② Tolerance is not for L dimension only.
Flats Machining	HT	Adds a flat on bushing. ① No flat on shoulder part