



Bushings for Inspection Components

D-Shape

For compatible Pins, see **P.1823** (D-Shape Tip) and **P.1833~P.1834** (D-Shape Tip).





Straight

Shouldered

Material	Hardness	Surface Treatment	Type			
			Straight		Shouldered	
			P _{+0.03} F _{-0.05}	PH7 F _{-0.03}	P _{+0.03} F _{-0.05}	PH7 F _{-0.03}
SKS93 Equivalent	50~60HRC	-	KJBSK	KJBHSK	KJBSTK	KJBHSTK
SKS93 Equivalent	50~60HRC	Electroless Nickel Plating	KJBSKM	KJBHSKM	-	-
SUS304 ^{1,2}	-	-	KJBSKS	KJBHSKS	-	-
SUS40C Equivalent	45~50HRC	-	KJBSCC	KJBHSCC	KJBSTKC	KJBHSTKC

① Straight

② Shouldered

RoHS10

Part Number

Type

D

P
0.01mm Increment

F (F<P/2)
0.1mm Increment

L
1mm Increment

Shouldered Type only

T Selection

H

1. For Straight Type, there must be 1mm or greater wall thickness between D bore part and dowel hole (D/2-F≥3). For SUS304, there must be a 2mm or greater wall thickness (D/2-F≥4).

2. For SUS304, there must be a 2mm or greater wall thickness between D bore part and outer dia. (D-P/2≥2).

3. D=8 is not available for SUS304 Straight Type.

Ordering Example

Part Number

P

F

L

T


KJBSTK12


- P8.00 - F3.0 - L10 - T3

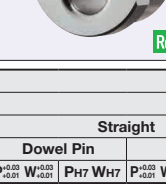
Bushings for Inspection Components

Oval

For compatible Pins, see **P.1825** (Standard Type).







Straight (Dowel Pin)

Straight (D Cut)

Shouldered (D Cut)

Material	Hardness	Type							
		Straight				Shouldered			
		Dowel Pin	D Cut	Dowel Pin	D Cut	Dowel Pin	D Cut	Dowel Pin	D Cut
		P _{+0.03} W _{-0.01}	PH7 WH7	P _{+0.03} W _{-0.01}	PH7 WH7	P _{+0.03} W _{-0.01}	PH7 WH7	P _{+0.03} W _{-0.01}	PH7 WH7
SKS93 Equivalent	50~60HRC	KJBSC	KJBHSC	KJBSCD	KJBHSCD	KJBSTC	KJBHSTC	KJBSTCD	KJBHSTCD
SUS304	-	KJBSCS	KJBHSCS	KJBSCDS	KJBHSCDS	KJBSTCS	KJBHSTCS	-	-
SUS40C Equivalent	45~50HRC	KJBSCC	KJBHSCC	-	-	KJBSTCC	KJBHSTCC	KJBSTCDC	KJBHSTCDC

① Straight (Dowel Pin)

② Shouldered (Dowel Pin)

① Straight (D Cut)

② Shouldered (D Cut)

RoHS10

Part Number

Type

D

P
0.01mm Increment

W
0.01mm Increment

L
1mm Increment

Shouldered Type only

T Selection

H

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

2 For Straight Type, there must be a 1mm or greater wall thickness between dowel hole and slotted hole ((D-W)/2-2≥1).

3 D=8 is applicable to Shouldered Type only.

4 D=30 is applicable to material of SKS93 Straight Type only.

Ordering Example

Part Number

P

W

L

T

KJB STC 12

- P8.00 - W4.50 - L15 - T2

D	Unit Price									
	① Straight					② Shouldered				
	P _{+0.03} F _{-0.05}	KJBSK	KJBSCM	KJBSCS	KJBSCC	PH7 F _{-0.03}	KJBHSK	KJBHSCM	KJBHSCS	KJBHSCC
8										
10										
12										
16										
20										
25										

Alterations

Part Number

P

F

L

T

(FC, NC-etc.)

KJBSTK12

- P8.00 - F3.0 - L10 - T3

- FC

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 when L≥10 for Straight Type, L≥15 for Shouldered Type.
Groove (for Retaining)	NC	Adds groove for retaining. D≥P+3: Applicable only when a wall of 1.5mm or thicker is remaining. Applicable when L≥10 for Straight Type, L≥15 for Shouldered Type.

Alterations	Code	Spec.
Additional Surface Treatment (Black Oxide)	STC	Adds black oxide surface treatment. Applicable only to material SKS93 (except electroless nickel plating).
Shoulder Thickness Tolerance	TKC	Changes shoulder thickness tolerance to ±0.01. Applicable to Shouldered Type only. Combination with alteration LKC is not available.
L Dimension Tolerance	LKC	Changes L dimension tolerance to 0 -0.05. Combination with TKC is not available.

D	① Straight Type Unit Price							
	Dowel Pin				D Cut			
	P _{+0.03} F _{-0.05}	W _{-0.01}	PH7	WH7	P _{+0.03} F _{-0.05}	W _{-0.01}	PH7	WH7
8	KJBSC	KJBHSC	KJBSCD	KJBHSCD	KJBSTC	KJBHSTC	KJBSTCD	KJBHSTCD
10								
12								
16								
20								
25								
30								

D	② Shouldered Unit Price							
	Dowel Pin				D Cut			
	P _{+0.03} F _{-0.05}	W _{-0.01}	PH7	WH7	P _{+0.03} F _{-0.05}	W _{-0.01}	PH7	WH7
8	KJBSTC	KJBSTCS	KJBSTCC	KJBHSTC	KJBHSTCS	KJBHSTCC	KJBSTCD	KJBSTCDC
10								
12								
16								
20								
25								

Alterations

Part Number

P

W

L

T

(FC, NC-etc.)

KJBHSC20

- P15.00 - W12.00 - L20

- NC

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 when L≥8 for Straight Type, L≥15 for Shouldered Type.
Groove (for Retaining)	NC	Adds groove for retaining. D≥P+3: Applicable only when a wall of 1.5mm or thicker is remaining. Applicable when L≥8 for Straight Type, L≥15 for Shouldered Type.

Alterations	Code	Spec.
Radius R C Chamfered	RN	Adds C Chamfering (0.1 or less) to R.
Shoulder Thickness Tolerance	TKC	Changes shoulder thickness tolerance to ±0.01. Applicable to Shouldered Type only.
L Dimension Tolerance	LKC	Changes L 0 -0.05 dimension tolerance. Applicable only when L≤19