

Slot Pins for Inspection Components

Stepped Straight, Handle Length Fixed

■Features: Straight Slot Pins for Inspection Jigs. For compatible bushings, see P.1845~P.1846.

Stepped Straight

■Handle Length Fixed

Material ^{*1}	Hardness	Type	
		S _{0.02}	Sg6
S45C Equivalent	-	KJPD	KJPGD
S45C Equivalent	45HRC~	KJPDH	KJPGDH
SUS304	-	KJPDS	KJPGDS
SUS440C Equivalent	45~50HRC	KJPDSC	KJPGDSC

Small Head: D=8~25
Knurling (Crisscross)

Large Head: D=10L~20L^{*3}

① For electroless nickel plating, please specify the alteration MN.
② SUS440C Equivalent has an identification groove on D part.
③ Dimensions not specified are the same as Small Head Type.

④ When P<3, C is 0.5.
⑤ The joint of each step may have a relief groove (approx. 1mm wide and approx. 0.2mm deep).
⑥ Large Head Type (D=10L ~ 20L) is available for S45C only.

⑦ Handles and pins may be joined with an adhesive. Heat or strong force may cause separation.

Part Number		0.01mm Increment		1mm Increment		M
Type	D	P	S(P>S)	L	B	
(S _{0.02})	(Sg6)					
(S45C) KJPD	8	2.50~ 6.00	2.00~ 5.50	5~25 When P≤3.99, L≤Px4	5~25 When S≤2.99, B≤Sx4	M4
	10	2.50~ 8.00	2.00~ 7.50			M5
	12	2.50~10.00	2.00~ 9.50			M5
(S45C Hardened) KJPDH	16	3.50~14.00	3.00~13.50			M5
	20	10.00~18.00	5.00~17.00			M5
(SUS304) KJPDS	25	15.00~23.00	8.00~22.00	For SUS304, L≤Px5	For SUS304, B≤Sx5	M5
	10L	10.00~16.00	5.00~15.00			M5
(SUS440C) KJPDSC	12L	12.00~20.00	6.00~19.00			M5
	16L	16.00~25.00	8.00~24.00			M5
	20L	20.00~30.00	10.00~29.00			M5

Ordering Example: Part Number (TYPE, D) - P - S - L - B

KJPD12 - P8.03 - S5.00 - L5 - B10

D	S _{0.02}				Sg6			
	KJPD	KJPDH	KJPDS	KJPDSC	KJPGD	KJPGDH	KJPGDS	KJPGDSC
Small Head	8							
	10							
	12							
	16							
	20							
Large Head	25							
	10L		-	-			-	-
	12L		-	-			-	-
	16L		-	-			-	-
	20L		-	-			-	-

Alterations: Part Number - P - S - L - B - (CH, KH, KF-etc.)

KJPDS12 - P13.50 - S4.00 - L10 - B16 - ZC30

Alterations	Code	Spec.
	CH	Loss-proof chain (length 600mm) is attached to gauge body. ① For chains only, see P.1862.
Additional Surface Treatment (Electroless Nickel Plating)	MN	Electroless nickel plating is applied. ① Applicable to Material S45C only. ② Combination with STC is not available.
Additional Surface Treatment (Black Oxide)	STC	Adds black oxide surface treatment. ① Applicable to Material S45C only. ② Combination with MN is not available.
P Dimension Tolerance	PKC	Changes P dimension tolerance to g6.
Engraving of P Dimension	KH	Machines flats on knurled head and engraves P dimension (with the character orientation arbitrary). ① Engraved on the reverse side when combined with KF and KHS.
Engraving of the Specified Characters	KF	Engraves alphabet or number. (Ordering Code) KF-MISUMI00034 Printable Character: alphabet, number, . (period) ① Not applicable to handle length 10. ② No symbols, such as a hyphen (-), other than those mentioned above may be used for engraving. ③ The pin's orientation to the pin to the engraved characters is arbitrary. ④ Engraved on the reverse side when combined with KH and KHS. ⑤ Up to 8 digits max. ⑥ When combining with other options, enter this last.

Alterations	Code	Spec.
L Dimension Tolerance	LKC	Changes L dimension tolerance to ±0.05. (Ordering Code) LKC ① When the LKC is used, 0.1mm increment can be specified for L Dimension. ② L<30 ③ P>4
No Relief Groove	NMN	Omits the relief groove between knurled part and straight part on the step. ① Not applicable to Large Head Type.
Handle Length	ZC	Changes handle length 50 to 10, 20, 30 or 40. (Ordering Code) ZC20 ① Z dimension 10 and 20 are only available when P≥5 and pin length L≤30. ② When P=5 and L=30 ③ Applicable to SUS304, SUS440C only. ④ For handle length 10, there is no tapped hole. ⑤ For Large Head Type, only ZC30 and 40 are applicable.
Tapered Tip	STT	Tapers the tip. ① Applicable when L≥10 and B≥10. ② The length of m is included in that of B.
Engraving of S Dimension	KHS	Machines flats on knurled head and engraves S dimension. ① Engraved on the reverse side when KH and KF are combined.

Caution when making alterations to engraving (KH, KF, KHS)

⑦ If the pin and the knurled part are joined with an adhesive, 10mm of the tip is not machined flat because the tip is thin.

Slot Pins for Inspection Components

Stepped Straight, Handle Length Selectable

■Features: Straight Slot Pins for Inspection Jigs. Handle lengths are selectable. For compatible bushings, see P.1845~P.1846.

Stepped Straight

■Handle Length

Material ^{*1}	Hardness	Type	
		S _{0.02}	Sg6
S45C Equivalent	-	KJPDZ	KJPGDZ
S45C Equivalent	45HRC~	KJPDHZ	KJPGDHZ

Small Head: D=8~25
Knurling (Crisscross)

Large Head: D=10L~20L^{*2}

① For electroless nickel plating, please specify the alteration MN.
② Dimensions not specified are the same as Small Head Type.

③ When S≤3, C is 0.5.
④ The joint of each step may have a relief groove (approx. 1mm wide and approx. 0.2mm deep).

⑦ Handles and pins may be joined with an adhesive. Heat or strong force may cause separation.

Part Number		0.01mm Increment		1mm Increment		Z	M
Type	D	P	S(P>S)	L	B	Selection	
(S _{0.02})	(Sg6)						
(S45C) KJPDZ	8	2.50~ 6.00	2.00~ 5.50	5~25 When P≤3.99, L≤Px4	5~25 When S≤2.99, B≤Sx4	10*	M4
	10	2.50~ 8.00	2.00~ 7.50			20	M5
	12	2.50~10.00	2.00~ 9.50			30	M5
(S45C Hardened) KJPDHZ	16	3.50~14.00	3.00~13.50			40	M5
	20	10.00~18.00	5.00~17.00				M5
(S45C Hardened) KJPDHZ	25	15.00~23.00	8.00~22.00	For SUS304, L≤Px5	For SUS304, B≤Sx5		M5
	10L	10.00~16.00	5.00~15.00				M5
	12L	12.00~20.00	6.00~19.00				M5
	16L	16.00~25.00	8.00~24.00				M5
	20L	20.00~30.00	10.00~29.00				M5

Ordering Example: Part Number (TYPE, D) - P - S - L - B - Z

KJPGDZ16L - P20.25 - S16.00 - L25 - B20 - Z30

D	S _{0.02}		Sg6	
	KJPDZ	KJPDHZ	KJPGDZ	KJPGDHZ
Small Head	8			
	10			
	12			
	16			
	20			
Large Head	25			
	10L			
	12L			
	16L			
	20L			

Alterations: Part Number - P - S - L - B - Z - (CH, KH, KF-etc.)

KJPGDZ16 - P8.00 - S6.00 - L25 - B20 - Z30 - NMN

Alterations	Code	Spec.
	CH	Loss-proof chain (length 600mm) is attached to gauge body. ① For chains only, see P.1862.
Additional Surface Treatment (Electroless Nickel Plating)	MN	Electroless nickel plating is applied. ① Applicable to Material S45C only. ② Combination with STC is not available.
Additional Surface Treatment (Black Oxide)	STC	Adds black oxide surface treatment. ① Applicable to Material S45C only. ② Combination with MN is not available.
P Dimension Tolerance	PKC	Changes P dimension tolerance to g6.
Engraving of P Dimension	KH	Machines flats on knurled head and engraves P dimension (with the character orientation arbitrary). ① Not applicable to handle length 10. ② Engraved on the reverse side when combined with KF and KHS.
Engraving of the Specified Characters	KF	Engraves alphabet or number. (Ordering Code) KF-MISUMI00034 Printable Character: alphabet, number, . (period) ① Not applicable to handle length 10. ② No symbols, such as a hyphen (-), other than those mentioned above may be used for engraving. ③ The pin's orientation to the pin to the engraved characters is arbitrary. ④ Engraved on the reverse side when combined with KH and KHS. ⑤ Up to 8 digits max. ⑥ When combining with other options, enter this last.

Alterations	Code	Spec.
L Dimension Tolerance	LKC	Changes L dimension tolerance to ±0.05. (Ordering Code) LKC ① When the LKC is used, 0.1mm increment can be specified for L Dimension. ② L<30 ③ P>4
No Relief Groove	NMN	Omits the relief groove between knurled part and straight part on the step. ① Not applicable to Large Head Type.
Tapered Tip	STT	Tapers the tip. ① Applicable when L≥10 and B≥10. ② The length of m is included in that of B.
Engraving of S Dimension	KHS	Machines flats on knurled head and engraves S dimension. ① Not applicable to handle length 10. ② Engraved on the reverse side when KH and KF are combined.

Caution when making alterations to engraving (KH, KF, KHS)

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