

Slot Pins for Inspection Components

Straight Threaded with Step, One-Step Type

Features: Suitable when clamping a workpiece with threaded part and measuring its diameter with straight part. For applicable Bushings, see P1847 and P1852.

One-Step Type

Material ^①	Hardness	Type	
		P _{0.02}	P _{g6}
S45C Equivalent	-	KJPM	KJPGM
S45C Equivalent	45HRC~	KJPMH	KJPGMH
SUS304	-	KJPMS	KJPGMS
SUS440C or 13Cr stainless	45~50HRC	KJPMC	KJPGMC

Small Head: D=8~25

Large Head: D=10L~20L

① For electroless nickel plating, specify the alteration MN. ⑤ Dimensions not specified are the same as Small Head Type.

② SUS440C or 13Cr stainless has an identification groove on D part. ⑥ The joint of each step may have a relief groove (approx. 1mm wide and approx. 0.2mm deep). For no relief groove, use NMN alteration.

③ When D=8, the screws of handle change from M5 to M4. ⑦ For shorter handle length, specify the alteration ZC.

④ For shorter handle length, specify the alteration ZC. ⑧ Large Head Type (D=10L ~ 20L) is available for S45C only.

Part Number Type	D	0.01mm Increment		M(P≥M) Selection	1mm Increment	
		P	M		L	B
(S45C) KJPM	8	4.00~ 6.00	3 4	0~35 (L≤Px4)	5~25 (M<B≤Mx3)	When L=0, specify P as 0.
(S45C Hardened) KJPMH	10	5.00~ 8.00	4 5 6 8			
(SUS304) KJPMS	12	5.00~10.00	4 5 6 8 10 S10 12			
(SUS440C or 13Cr stainless) KJPMC	16	8.00~14.00	4 5 6 8 10 S10 12			
	20	10.00~18.00	5 6 8 10 S10 12			
	25	15.00~23.00	5 6 8 10 S10 12			
	10L	10.00~16.00	4 5 6 8 10 S10			
	12L	12.00~20.00	5 6 8 10 S10 12			
	16L	16.00~25.00	6 8 10 S10 12			
	20L	20.00~30.00	6 8 10 S10 12			

(L+B≤50)

① S10 is fine thread (pitch 1.25). ② KJPN, KJPNDS (previous page) are more economical when L=0.

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

Example: KJPMH16 - P11.20 - M6 - L15 - B10

D	Unit Price							
	P _{0.02}				P _{g6}			
	KJPM	KJPMH	KJPMS	KJPMC	KJPGM	KJPGMH	KJPGMS	KJPGMC
Small Head	8							
	10							
	12							
	16							
	20							
Large Head	10L							
	12L							
	16L							
	20L							

Alterations Example: Part Number - P - M - L - B

Example: KJPM16 - P0 - M8 - L0 - B24 - ZC40

Alterations	Code	Spec.
Chain Alterations	CH	Loss-proof chain (length 600mm) is attached to gauge body. For chains only, see P1862.
Handle Length	ZC	Changes handle length 50 to 10, 20, 30 or 40. (Ordering Code) ZC20 ① Handle length 10 and 20 are available only when P≥5 and pin length L+B+C ≤ 30. ② For Large Head Type, only ZC30 and 40 are applicable. ③ For handle length 10, there is no tapered hole. ④ For handle length 10, combination with KH is not available.
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.
Engraving of the Specified Characters	KF	Engraves alphabet or number. (Ordering Code) KF-MISUMI0034 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. ⑤ Up to 8 digits max.

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.
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.

Slot Pins for Inspection Components

Straight Threaded with Step, 2-Step Type

Features: Suitable when clamping a workpiece with threaded part and measuring its diameter with straight part. For applicable Bushings, see P1847 and P1852.

2-Step Type

Material ^①	Hardness	Type	
		S _{0.02}	S _{g6}
S45C Equivalent	-	KJPMDS	KJPGMDS
S45C Equivalent	45HRC~	KJPMDSH	KJPGMDSH
SUS304	-	KJPMDS	KJPGMDS

Small Head: D=8~25

Large Head: D=10L~20L

① For electroless nickel plating, specify the alteration MN. ⑥ The joint of each step may have a relief groove (approx. 1mm wide and approx. 0.2mm deep). For no relief groove, use NMN alteration.

② When D=8, the screws of handle change from M5 to M4. ⑦ Large Head Type (D=10L ~ 20L) is available for S45C only.

③ For shorter handle length, specify the alteration ZC. ⑧ Dimensions not specified are the same as Small Head Type.

④ Dimensions not specified are the same as Small Head Type.

Part Number Type	D	0.01mm Increment		0.1mm Increment		M(S≥M) Selection	1mm Increment		
		P	S	S	L		B	C	
(S45C) KJPMDS	8	4.00~ 6.00	3.0~ 5.0	3 4	1~20 (L≤Px3)	When P≤10 (L≤Px2)	1~20 (B≤Sx3)	5~20 (M≤C≤Mx3)	
(S45C Hardened) KJPMDSH	10	5.00~ 8.00	4.0~ 7.0	4 5 6					
(SUS304) KJPMDS	12	5.00~10.00	4.0~ 9.0	4 5 6 8					
	16	8.00~14.00	7.0~13.0	4 5 6 8 10 S10 12					
	20	10.00~18.00	9.0~17.0	5 6 8 10 S10 12					
	25	15.00~23.00	14.0~22.0	5 6 8 10 S10 12					
	10L	10.00~16.00	5.0~15.0	4 5 6 8 10 S10					
	12L	12.00~20.00	6.0~19.0	5 6 8 10 S10 12					
	16L	16.00~25.00	8.0~24.0	6 8 10 S10 12					
	20L	20.00~30.00	10.0~29.0	6 8 10 S10 12					

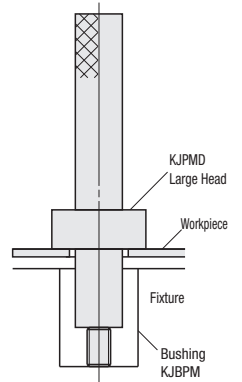
① S10 is fine thread (pitch 1.25).

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

Example: KJPMDS12L - P18.50 - S13.5 - M8 - L10 - B10 - C10



For 2-Step Large Head type, first row can be used as a shoulder.



D	Unit Price					
	S _{0.02}			S _{g6}		
	KJPMDS	KJPMDSH	KJPMDS	KJPGMDS	KJPGMDSH	KJPGMDS
Small Head	8					
	10					
	12					
	16					
	20					
Large Head	10L					
	12L					
	16L					
	20L					

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

Example: KJPMDS10 - P7.00 - S4 - M4 - L10 - B24 - C8 - MN

Alterations	Code	Spec.
Chain Alterations	CH	Loss-proof chain (length 600mm) is attached to gauge body. For chains only, see P1862.
Handle Length	ZC	Changes handle length 50 to 10, 20, 30 or 40. (Ordering Code) ZC20 ① Handle length 10 and 20 are available only when P≥5 and pin length L+B+C ≤ 30. ② For Large Head Type, only ZC30 and 40 are applicable. ③ For handle length 10, there is no tapered hole. ④ For handle length 10, combination with KH is not available.
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.
Engraving of the Specified Characters	KF	Engraves alphabet or number. (Ordering Code) KF-MISUMI0034 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. ⑤ Up to 8 digits max.

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.
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.