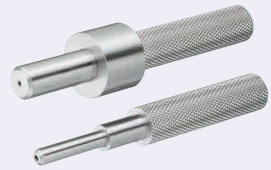


Slot Pins for Inspection Components

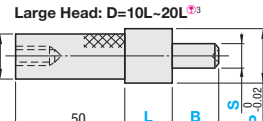
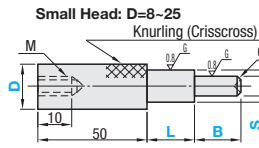
Stepped Straight, Handle Length Fixed

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
EN 1.1191 Equiv.	-	KJPD	KJPGD
EN 1.1191 Equiv.	45HRC~	KJPDH	KJPGDH
EN 1.4301 Equiv.	-	KJPDS	KJPGDS
EN 1.4037 Equiv.	45-50HRC	KJPDSC	KJPGDSC



S	g6
2.00- 3.00	-0.002 -0.006
3.01- 6.00	-0.004 -0.012
6.01-10.00	-0.005 -0.014
10.01-18.00	-0.006 -0.017
18.01-30.00	-0.007 -0.020

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

- 1 For electroless nickel plating, please specify the alteration MN.
- 2 EN 1.4037 Equiv. 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 EN 1.1191 Equiv. only.

Part Number Type	0.01mm Increment			1mm Increment		M
	D	P	S(P>S)	L	B	
(EN 1.1191 Equiv.) KJPD	8	2.50~ 6.00	2.00~ 5.50	5-25 When P≤3.99, L≤Px4	5-25 When P≤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
(EN 1.1191 Equiv. Hardened) KJPDH	16	3.50~14.00	3.00~13.50			M5
	20	10.00~18.00	5.00~17.00			M5
(EN 1.4301 Equiv.) KJPDS	25	15.00~23.00	8.00~22.00	For EN 1.4301 Equiv., L≤Px5	For EN 1.4301 Equiv., B≤Sx5	M5
	10L	10.00~16.00	5.00~15.00			M5
	12L	12.00~20.00	6.00~19.00			M5
(EN 1.4037 Equiv.) KJPDSC	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							
	25							
Large Head	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.
Chain Alterations	CH	Loss-proof chain (length 600mm) is attached to gauge body. For chains only, see P.1862.
Additional Surface Treatment (Electroless Nickel Plating)	MN	Electroless nickel plating is applied. Applicable to Material EN 1.1191 Equiv. only. Combination with STC is not available.
Additional Surface Treatment (Black Oxide)	STC	Adds black oxide surface treatment. Applicable to Material EN 1.1191 Equiv. only. 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). Engraved on the reverse side when combined with KF and KHS.
Engraving of the Specified Characters	KF	Engraves alphabet or number. Printable Character: alphabet, number, (period) Not applicable to handle length 10. No symbols, such as a hyphen (-), other than those mentioned above may be used for engraving. The pin's orientation to the pin to the engraved characters is arbitrary. Engraved on the reverse side when combined with KH and KHS. Up to 8 digits max. 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 When the LKC is used, 0.1mm increment can be specified for L Dimension. L<30 P>4
No Relief Groove	NMN	Omits the relief groove between knurled part and straight part on the step. Not applicable to Large Head Type.
Handle Length	ZC	Changes handle length 50 to 10, 20, 30 or 40. Closest Case] ZC30 Z dimension 10 and 20 are only available when P≥5 and pin length L≤30. When P=5 and L+B≤30 Applicable to EN 1.4301 Equiv., EN 1.4037 Equiv. only. For handle length 10, there is no tapped hole. For Large Head Type, only ZC30 and 40 are applicable.
Tapered Tip	STT	Tapers the tip. Applicable when L≥10 and B≥10. The length of m is included in that of B.
Engraving of S Dimension	KHS	Machines flats on knurled head and engraves S dimension. Engraved on the reverse side when KH and KF are combined.

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

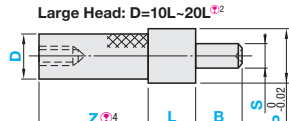
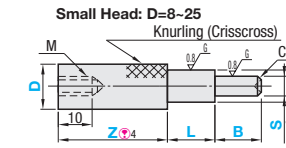
Stepped Straight, Handle Length Selectable

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
EN 1.1191 Equiv.	-	KJPDZ	KJPGDZ
EN 1.1191 Equiv.	45HRC~	KJPDHZ	KJPGDHZ



S	g6
2.00- 3.00	-0.002 -0.006
3.01- 6.00	-0.004 -0.012
6.01-10.00	-0.005 -0.014
10.01-18.00	-0.006 -0.017
18.01-30.00	-0.007 -0.020

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

- 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).

Part Number Type	0.01mm Increment			1mm Increment		Z	M
	D	P	S(P>S)	L	B		
(EN 1.1191 Equiv.) KJPDZ	8	2.50~ 6.00	2.00~ 5.50	5-25 When P≤3.99, L≤Px4	5-25 When P≤2.99, B≤Sx4	10*	M4
	10	2.50~ 8.00	2.00~ 7.50				M5
	12	2.50~10.00	2.00~ 9.50				M5
	16	3.50~14.00	3.00~13.50				M5
	20	10.00~18.00	5.00~17.00				M5
(EN 1.1191 Equiv. Hardened) KJPDHZ	25	15.00~23.00	8.00~22.00	For EN 1.4301 Equiv., L≤Px5	For EN 1.4301 Equiv., B≤Sx5	30	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			
	25			
Large Head	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.
Chain Alterations	CH	Loss-proof chain (length 600mm) is attached to gauge body. For chains only, see P.1862.
Additional Surface Treatment (Electroless Nickel Plating)	MN	Electroless nickel plating is applied. Applicable to Material EN 1.1191 Equiv. only. Combination with STC is not available.
Additional Surface Treatment (Black Oxide)	STC	Adds black oxide surface treatment. Applicable to Material EN 1.1191 Equiv. only. 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). Not applicable to handle length 10. Engraved on the reverse side when combined with KF and KHS.
Engraving of the Specified Characters	KF	Engraves alphabet or number. Printable Character: alphabet, number, (period) Not applicable to handle length 10. No symbols, such as a hyphen (-), other than those mentioned above may be used for engraving. The pin's orientation to the pin to the engraved characters is arbitrary. Engraved on the reverse side when combined with KH and KHS. Up to 8 digits max. 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 When the LKC is used, 0.1mm increment can be specified for L Dimension. L<30 P>4
No Relief Groove	NMN	Omits the relief groove between knurled part and straight part on the step. Not applicable to Large Head Type.
Tapered Tip	STT	Tapers the tip. Applicable when L≥10 and B≥10. The length of m is included in that of B.
Engraving of S Dimension	KHS	Machines flats on knurled head and engraves S dimension. Not applicable to handle length 10. Engraved on the reverse side when KH and KF are combined.

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