


# Slot Pins for Inspection Components

## Straight Long, Stepped Straight Long

■ **Features:** Suitable when inspecting workpiece with depth. For compatible bushings, see P.1841~1846.

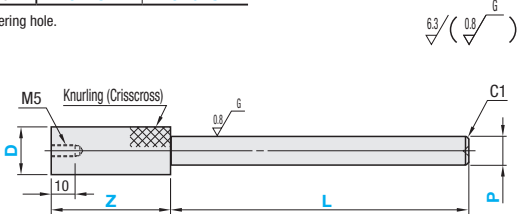
### ■ Straight Long



RoHS 10

Material	Hardness	Type	
		P <sub>0.02</sub>	P <sub>g6</sub>
S45C Equivalent	-	KJPLS	KJPGLS
S45C Equivalent	45HRC~	KJPLSH	KJPGLSH

Ⓜ The tip may have a centering hole.




P	g6
4.00~ 6.00	-0.004 -0.012
6.01~ 10.00	-0.005 -0.014
10.01~ 18.00	-0.006 -0.017
18.01~ 29.00	-0.007 -0.020

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

Part Number		0.01mm Increment	1mm Increment	Z Selection	P <sub>0.02</sub> Unit Price				P <sub>g6</sub> Unit Price				
Type		D	P		L	KJPLS		KJPLSH		KJPGLS		KJPGLSH	
P <sub>0.02</sub>	P <sub>g6</sub>					L50-100	L101-150	L50-100	L101-150	L50-100	L101-150	L50-100	L101-150
(S45C) KJPLS	(S45C) KJPGLS	12	4.00~10.00	(When P<12) 50~100	30 40 50								
		16	6.00~14.00										
(S45C Hardened) KJPLSH	(S45C Hardened) KJPGLSH	20	10.00~18.00	(When P≥12) 50~150									
		25	15.00~23.00										

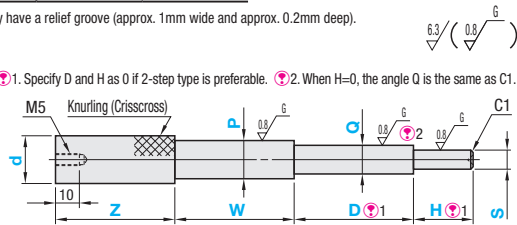
### ■ Stepped Straight Long (2 Steps, 3 Steps)



RoHS 10

Material	Hardness	Type	
		P,Q,S <sub>0.02</sub>	P,Q,S <sub>g6</sub>
S45C Equivalent	-	KJPLDS	KJPGLDS
S45C Equivalent	45HRC~	KJPLDSH	KJPGLDSH

Ⓜ The joint of each step may have a relief groove (approx. 1mm wide and approx. 0.2mm deep).



Ⓜ 1. Specify D and H as 0 if 2-step type is preferable. Ⓜ 2. When H=0, the angle Q is the same as C1.

S	g6
3.00	-0.002 -0.008
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~ 21.00	-0.007 -0.020

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

Part Number		1mm Increment		0.01mm Increment (P≥Q=S)		Z Selection	P,Q,S <sub>0.02</sub> Unit Price				P,Q,S <sub>g6</sub> Unit Price				
Type		W,D		H	P,Q		S	KJPLDS		KJPLDSH		KJPGLDS		KJPGLDSH	
P,Q,S <sub>0.02</sub>	P,Q,S <sub>g6</sub>							W+D+H	W+D+H	W+D+H	W+D+H	W+D+H	W+D+H	W+D+H	W+D+H
(S45C) KJPLDS	(S45C) KJPGLDS	12	0	0	4.00-10.00	3.00-9.00	30 40 50								
		16	3~100 (W≤Px5) (D≤Qx4)	3~25 (H≤Sx3)	6.00-14.00	4.00-13.00									
(S45C Hardened) KJPLDSH	(S45C Hardened) KJPGLDSH	20			10.00-18.00	6.00-17.00									
		25			15.00-23.00	8.00-21.00									

Ⓜ Specify P=0 for W=0, Q=0 for D=0, S=0 for H=0.

Ordering Example

Part Number (TYPE, D) - P - L - Z

KJPLS20 - P15 - L120 - Z50

Part Number (TYPE, D) - W - D - H - P - Q - S - Z

(2-Step) KJPLDSH25 - W100 - D0 - H10 - P20 - Q0 - S8 - Z30

(3-Step) KJPLDS20 - W25 - D50 - H15 - P15 - Q13 - S6 - Z50

Alterations

Part Number - P - L - Z - (CH, KH-etc.)

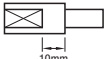
KJPLS20 - P15 - L100 - Z50 - CH

Part Number - W - D - H - P - Q - S - Z - (CH, KH-etc.)

KJPLDS20 - W25 - D50 - H18 - P15 - Q13 - S6 - Z50 - CH

Alterations	Code	Spec.	Alterations	Code	Spec.
Engraving of S Dimension	KHS	Machines flats on knurled head and engraves S dimension. Ⓜ Applicable to Stepped Straight Long Type only. Ⓜ Engraved on the reverse side when KH and KHQ are combined.	Engraving of Q Dimension	KHQ	Machines flats on knurled head and engraves Q dimension. Ⓜ Applicable to Stepped Straight Long Type only. Ⓜ Engraved on the reverse side when KH and KHS are combined.
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 KHQ and KHS.	Chain Alterations	CH	Loss-proof chain (length 600mm) is attached to gauge body. Ⓜ For chains only, see P.1862.
			Additional Surface Treatment (Black Oxide)	STC	Adds black oxide surface treatment.

Caution when making alterations to engravings (KHS, KH, KHQ)



Ⓜ 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.