

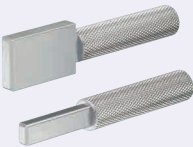
# Slot Pins for Inspection Components

## Square Straight


■ **Features:** Square Straight/Stepped slot pins for inspection jigs. For compatible bushings, see **P1851**.

**Square**

- Straight



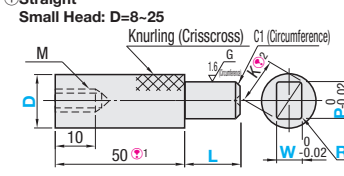
- Stepped



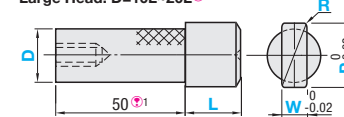
Material	Hardness	① Straight		② Stepped Straight	
		Type	Type	Type	Type
		$P_{0.02}$	$S_{0.02}/F_{0.05}$	$S_{g6}/F_{0.03}$	
S45C Equivalent	-	KJPSR	KJPDR	KJPGDR	
S45C Equivalent	45HRC~	KJPSHR	KJPDHR	KJPGDHR	
SUS304	-	-	KJPDRS	KJPGDRS	

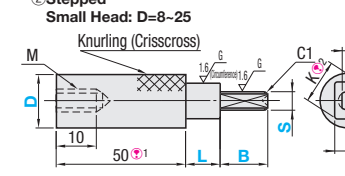
① Straight  
Small Head: D=8-25



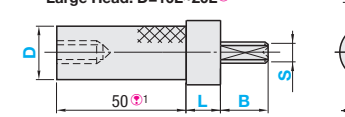
Large Head: D=10L-20L<sup>③</sup>



② Stepped  
Small Head: D=8-25



Large Head: D=10L-20L<sup>③</sup>



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
18.01-28.00	-0.007 -0.020

① For shorter handle length, specify the alteration ZC.

②  $K = \sqrt{(P-2R)^2 + (W-2R)^2} + 2R$

③ Dimensions not specified are the same as Small Head Type.

④ Centering hole may remain on tip depending on the diameter and the length.

⑤ Depending on diameter, the hardness of S45C hardening material may be less than 45HRC.

⑥ Large Head Type (D=10L ~ 20L) is only available for S45C.

Part Number			0.01mm Increment				0.1mm Increment		1mm Increment		M
① Straight	② Stepped Straight		D	P	W	R	S	F(F=S/2)	L	B	
( $P_{0.02}$ )	( $S_{0.02}/F_{0.05}$ )	( $S_{g6}/F_{0.03}$ )					② Stepped Type only	② Stepped Type only		② Stepped Type only	
(S45C) KJPSR  (S45C Hardened) KJPSHR	(S45C) KJPDR	(S45C) KJPGDR	8	4.00- 6.00	$P \geq W \leq S$ (W $\geq$ 3.01)	$0.20 \leq R < \frac{W}{2}$	3.00- 5.00	0.3- 2.5	Straight 5-30 <sup>①</sup>	5-20	M4
			10	4.00- 6.00			3.00- 5.00	0.3- 3.5			M5
			12	4.00-10.00			3.00- 9.00	0.5- 4.5			M5
			16	6.00-14.00			4.00-13.00	0.5- 6.5			M5
			20	10.00-18.00			6.00-17.00	1.0- 8.5			M5
	25	12.00-22.00	8.00-21.00	2.0-10.5			M5				
	10L	8.00-16.00	5.00-15.00	1.0- 7.5			M5				
	12L	10.00-20.00	6.00-19.00	2.0- 9.5			M5				
	16L	16.00-25.00	8.00-24.00	2.0-12.0			M5				
	20L	20.00-30.00	10.00-29.00	2.0-14.5			M5				

① When the S dimension tolerance is g6, D-Shaped section cannot be made very thin. (S $\geq$ 5.00, F $\geq$ 1.0; F $\geq$ 1.5 when D=20)

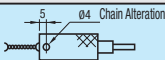
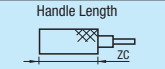
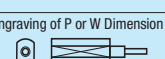
② For Small Head: K $\leq$ D-2; for Large Head: K $\leq$ Pmax \*1 L=21 ~ 30 is available only when the following conditions are all satisfied: Material: S45C, Handle Dia. D $\geq$ 10, Pin Dia.: P, W $\geq$ 5


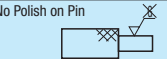
Ordering Example: **KJPDR16** - P10.97 - W8.57 - R0.5 - S6.00 - F2.0 - L5 - B10

D	① Straight Type Unit Price				② Stepped Type Unit Price					
	L dimension 20 or Less		L dimension 21 or More		$S_{0.02}/F_{0.05}$			$S_{g6}/F_{0.03}$		
	KJPSR	KJPSHR	KJPDR	KJPSHR	KJPDR	KJPDHR	KJPDHR	KJPGDR	KJPGDHR	KJPGDRS
Small Head	8									
	10									
	12									
	16									
	20									
Large Head	10L									
	12L									
	16L									
	20L									

Part Number - P - W - R - S - F - L - B - (CH, KH, ZC-etc.)

KJPDR12 - P6.50 - W7.50 - R0.5 - S6.00 - F1.5 - L5 - B10 - CH  
 KJPSR16 - P13.75 - W8.00 - R1.0 - S6.00 - F1.5 - L20 - B10 - ZC30

Alterations	Code	Spec.
	CH	Loss-proof chain (length 600mm) is attached to gauge body. ④ For chains only, see <b>P1862</b> .
	ZC	Changes handle length 50 to 20, 30 or 40. [Ordering Code] ZC20 ④ Handle Dia. D $\geq$ 10, Pin Length (L or L+B) $\leq$ 20, Pin Dia. P, W or S $\geq$ 5, and S/2+F $\geq$ 4.5 Applicable only when above conditions are all satisfied.
	KH	Machines flats on knurled head and engraves P and W dimensions (with the character orientation arbitrary). ④ Not applicable to handle length 10.

Alterations	Code	Spec.
	PKC	Changes P and W dimension tolerance to g6. ④ Combination with GN is not available.
	GN	No polishing on pin part. (Maintaining Roughness 1.6) ④ Combination with PKC is not available. ④ Not applicable to Sg6 type.