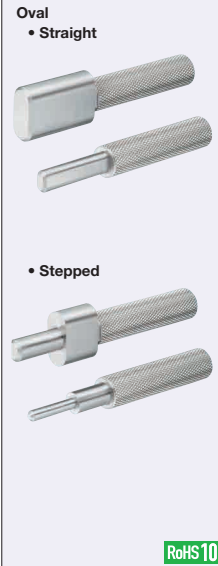


Slot Pins for Inspection Components

Oval Straight

Features: Oval Straight/Stepped slot pins for inspection jigs. For compatible bushings, see P.1850.



Material	Hardness	Straight		Stepped Straight	
		Type	Type	Type	Type
S45C Equivalent	-	KJPSC	KJPDG	KJPGDC	KJPGDC
S45C Equivalent	45HRC~	KJPSC	KJPDG	KJPGDC	KJPGDC
SUS304	-	KJPSC	KJPDG	KJPGDC	KJPGDC
SUS440C Equivalent	45~50HRC	KJPSC	KJPDG	KJPGDC	KJPGDC

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
18.01~29.00	-0.007 -0.020

① Straight Small Head: D=8~25

② Stepped Small Head: D=8~25

Large Head: D=10L~20L

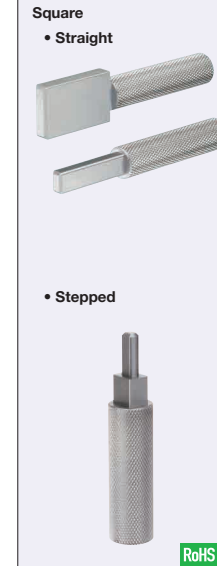
① SUS440C Equivalent has an identification groove on D part.
 ② For shorter handle length, specify the alteration ZC.
 ③ Dimensions not specified are the same as Small Head Type.

① Centering hole may remain on tip depending on the diameter and the length.
 ② Depending on diameter, the hardness of S45C hardening material may be less than 45HRC.
 ③ Large Head Type (D=10L ~ 20L) is only available for S45C.

Slot Pins for Inspection Components

Square Straight

Features: Square Straight/Stepped slot pins for inspection jigs. For compatible bushings, see P.1851.



Material	Hardness	Straight		Stepped Straight	
		Type	Type	Type	Type
S45C Equivalent	-	KJPDR	KJPDG	KJPGDR	KJPGDR
S45C Equivalent	45HRC~	KJPDR	KJPDG	KJPGDR	KJPGDR
SUS304	-	KJPDR	KJPDG	KJPGDR	KJPGDR
SUS440C Equivalent	45~50HRC	KJPDR	KJPDG	KJPGDR	KJPGDR

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 Straight Small Head: D=8~25

② Stepped Small Head: D=8~25

Large Head: D=10L~20L

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.

① Centering hole may remain on tip depending on the diameter and the length.
 ② Depending on diameter, the hardness of S45C hardening material may be less than 45HRC.
 ③ Large Head Type (D=10L ~ 20L) is only available for S45C.

Part Number	0.01mm Increment			0.1mm Increment		1mm Increment		M
	① Straight (P _{±0.02})	② Stepped Straight (S _{±0.02} /F _{±0.03})	(Sg6/F _{±0.03})	② Stepped Type only	F(F=S/2) ② Stepped Type only	L	B ② Stepped Type only	
(S45C) KJPSC	(S45C) KJPDG	(S45C) KJPGDC	8	4.00~ 6.00	3.00~ 5.00	0.3~ 2.5	Straight 5~30 ^{*1}	M4
(S45C Hardened) KJPSC	(S45C Hardened) KJPDG	(S45C Hardened) KJPGDC	10	4.00~ 8.00	3.00~ 7.00	0.3~ 3.5		M5
(SUS304) KJPSC	(SUS304) KJPDG	(SUS304) KJPGDC	12	4.00~10.00	3.00~ 9.00	0.5~ 4.5		M5
(SUS440C) KJPSC	(SUS440C) KJPDG	(SUS440C) KJPGDC	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	14.00~22.00	8.00~21.00	2.0~10.5		M5
			10L	10.00~16.00	5.00~15.00	1.0~ 7.5		M5
			12L	12.00~20.00	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

*When the S dimension tolerance is g6, D-Shaped section cannot be made very thin. (S≥5.00, F≥1.0; F≥1.5 when D=20)
 *1. L=21 ~ 30 is available only when the following conditions are all satisfied: Material: S45C Handle Dia. D≥10, Pin Dia.: P, W≥5

Ordering Example: Part Number (TYPE, D) - P - W - S - F - L - B
 Example: KJPDG16 - P10.97 - W8.47 - 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 _{±0.03}			Sg6/F _{±0.03}		
Small Head	8	KJPSC	KJPSC	KJPSC	KJPSC	KJPSC	KJPDG	KJPDG	KJPDG	KJPDG	KJPDG	KJPDG
	10											
	12											
	16											
	20											
Large Head	10L											
	12L											
	16L											
	20L											

Ordering Example: Part Number (TYPE, D) - P - W - S - F - L - B - (CH, KH, ZC-etc.)
 Example: KJPDG12 - P8.50 - W4.50 - S3.50 - F1.2 - L5 - B10 - CH
 Example: KJPSC20 - P10.00 - W5.00 - S5.00 - F1.2 - L10 - B10 - ZC20

Alterations	Code	Spec.
Chain Alterations	CH	Loss-proof chain (length 600mm) is attached to gauge body. For chains only, see P.1862.
Handle Length	ZC	Changes handle length 50 to 20, 30 or 40. Ordering Code: ZC20 Handle Dia. D≥10, Pin Length (L or L+B) ≤ 20, Pin Dia. P, W, S ≥ 5, and S/2+F≥4.5 Applicable only when above conditions are all satisfied.
Engraving of P or W Dimension	KH	Machines flats on knurled head and engraves P and W dimensions (with the character orientation arbitrary). Not applicable to handle length 10.

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

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 _{±0.03}			Sg6/F _{±0.03}			
Small Head	8	KJPDR	KJPDR	KJPDR	KJPDG	KJPDG	KJPDG	KJPDG	KJPDG	KJPDG	KJPDG
	10										
	12										
	16										
	20										
Large Head	10L										
	12L										
	16L										
	20L										

Ordering Example: Part Number (TYPE, D) - P - W - R - S - F - L - B - (CH, KH, ZC-etc.)
 Example: KJPDG12 - P8.50 - W7.50 - R0.5 - S6.00 - F1.5 - L5 - B10 - CH
 Example: KJPDR16 - P13.75 - W6.00 - R1.0 - S5.00 - F1.5 - L20 - B10 - ZC30

Alterations	Code	Spec.
Chain Alterations	CH	Loss-proof chain (length 600mm) is attached to gauge body. For chains only, see P.1862.
Handle Length	ZC	Changes handle length 50 to 20, 30 or 40. Ordering Code: ZC20 Handle Dia. D≥10, Pin Length (L or L+B) ≤ 20, Pin Dia. P, W or S ≥ 5, and S/2+F≥4.5 Applicable only when above conditions are all satisfied.
Engraving of P or W Dimension	KH	Machines flats on knurled head and engraves P and W dimensions (with the character orientation arbitrary). Not applicable to handle length 10.

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