

Slot Pins for Inspection Components

Clamp Type (Straight / Tapered)

Features: Suitable when clamping workpieces by turning the collar to measure the dimensions. Diamond and Round shapes are available depending on the workpiece shape. For compatible bushings, see P.1841~1848.

Diamond / Round Straight

Material	Hardness	Type	P	(W)
S45C	-	Diamond Straight Round Straight	6.00~ 7.99	3.0
S45C	45HRC~	KJPCS KJPCMS	8.00~ 9.99	4.0
		KJPCSH KJPCMSH	10.00~14.99	4.5
			15.00~19.99	7.0
			20.00	9.5

Diamond Straight
M6 Set Screw Knurling (Crisscross)

Round Straight Dimensions not specified are the same as Diamond Straight Type.

Example: Collar lowers to clamp the workpiece. Diamond and round part rotates.

Part Number Type	D	P 0.01mm Increment	S (P≥S) 0.01mm Increment	M (S≥M) Selection	B 1mm Increment	C 1mm Increment	Unit Price 1 ~ 19 pc(s).	
							Diamond Straight	Round Straight
(S45C) KJPCS	16	6.00~11.00	5.00~ 9.00	4 5 6 8	5~40	5~40 (C≤Mx3)	KJPCS	KJPCMS
(S45C Hardened) KJPCSH	20	6.00~15.00	5.00~13.00	10 12 16			KJPCSH	KJPCMSH
(S45C Hardened) KJPCMSH	25	6.00~20.00	5.00~18.00					

Diamond / Round Tapered

Material	Hardness	Type	P	(W)
S45C	-	Diamond Tapered Round Tapered	6.00~ 7.99	3.0
S45C	45HRC~	KJPCT KJPCMT	8.00~ 9.99	4.0
		KJPCTH KJPCMTH	10.00~14.99	4.5
			15.00~19.99	7.0
			20.00	9.5

Diamond Tapered
M6 Set Screw Knurling (Crisscross)

Round Tapered Dimensions not specified are the same as diamond taper.

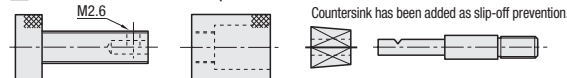
Example: Diamond and round part rotates.

Part Number Type	D	P 0.01mm Increment	S (P-1≥S) 0.01mm Increment	M (S≥M) Selection	B 1mm Increment	C 1mm Increment	Unit Price 1 ~ 19 pc(s).	
							Diamond Tapered	Round Tapered
(S45C) KJPCT	16	6.00~11.00	5.00~ 9.00	4 5 6 8	5~40	5~40 (C≤Mx3)	KJPCT	KJPCMT
(S45C Hardened) KJPCTH	20	6.00~15.00	5.00~13.00	10 12 16			KJPCTH	KJPCMTH
(S45C Hardened) KJPCMTH	25	6.00~20.00	5.00~18.00					

Ordering Example: Part Number (TYPE, D) - P - S - M - B - C
 KJPCMS16 - P8.00 - S7.00 - M5 - B15 - C10
 KJPC20 - P10.20 - S8.00 - M5 - B12 - C12

Alterations: Part Number - P - S - M - B - C - (KH, STC, CLH)
 KJPCMS16 - P8.00 - S7.00 - M5 - B15 - C10 - KH

KJPCT Structure: Diamond part rotates.



Alterations	Code	Spec.
Engraving of P Dimension	KH	Machines 30mm flat on knurled head and engraves P dimension.
Additional Surface Treatment (Black Oxide)	STC	Adds black oxide surface treatment.
Diamond-shaped Rotation Part	CLH	Lengthens the Diamond-shaped rotation part. Applicable to Diamond-shaped Type only. Refer to the table below for Diamond Tapered Type. P Dimension

D	P
16	6.50~10.00
20	6.50~14.00
25	6.50~19.00

GO / NO-GO Pins / Slot Pins for Inspection Components

Reversible Grooved

Features: GO / NO-GO Pins usable by a single piece.

GO / NO-GO Pins Reversible

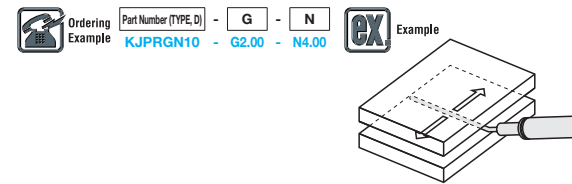
KJPRGN

Handles and pins may be joined with an adhesive. Heat or strong force may cause separation.
 1 When L=50 and G, N<3, G side is the shape shown on the left. (Same for N side)
 2 Marks may remain on the bent sections.

Part Number: KJPRGN10 - G2.00 - N4.00 - KH
 KJPRGN14L - G4.00 - N6.00 - KH

Part Number Type	D	0.01mm Increment G	N(G<N)	L	Unit Price
					1 ~ 19 pc(s).
KJPRGN	10	1.50~6.00	25	25	
	10L			50	
	14	1.50~8.00	25		
	14L		50		

Ordering Example: Part Number (TYPE, D) - G - N
 KJPRGN10 - G2.00 - N4.00



Features: Visually verifies accuracy of workpiece location by checking if bushing end is within the groove or slit.

Grooved

Material	Hardness	Type	Detected Shape	Tip Shape
S45C	-	KJPB	S1 S3	N (Standard)
S45C	45HRC~	KJPBH	S3 S5	D (Stepped)

Example: KJPB (Alteration CRN) Workpiece Slit Part Close-up

Tip shapes N and D have a centering hole at the tip. The joint of each step may have a relief groove (approx. 1mm wide and approx. 0.2mm deep).
 When handle length (Z dimension) is 0, pin part has M5 tapped. M4 when P dimension is 8 and handle length is 0.

Detector Shape: S1: Groove, S3: 3 Slits, S5: 5 Slits

Tip Shape: N: Standard (A±0.05), D: Stepped (A±0.05, B±0.05)

Type	Detected Shape	Tip Shape	D	Pin Dia. P (P<D) Selection	L 1mm Increment	Pin Length / Slit Width		Tip Part (Tip Shape D, C only)			Handle Length
						A 1mm Increment	G±0.05 (For S1) 0.5mm Increment	(When S3 and S5) Selection	S 0.1mm Increment	B 1mm Increment	
KJPB KJPBH	S1 S3 S5	N D	12	8	(When P=8, 10) 50~100 (When P=12~20) 50~150	45~145 Standard (A≤L-5) Stepped (A≤L-B-5)	1~4.0	0.5	3.0~16.0	1~40	0 30 50
			16	10							
			20	12							
			25	16							
			25	20							

Ordering Example: Part Number - P - L - A - G - S - B - Z
 KJPB S3 N 16 - P12 - L70 - A50 - G1 - Z30
 KJPBH S5 D 12 - P10 - L80 - A60 - G0.5 - S4.0 - B2 - Z50

D	L	Unit Price							
		S1				S5			
		N: Standard	D: Stepped	N: Standard	D: Stepped	N: Standard	D: Stepped	N: Standard	D: Stepped
12	50~100	KJPBS1N	KJPBS1D	KJPBS3N	KJPBS3D	KJPBS5N	KJPBS5D	KJPBS5D	KJPBS5D
	101~150								
16	50~100								
	101~150								
20	50~100								
	101~150								
25	50~100								
	101~150								

Alterations: Part Number - P - L - A - G - S - B - Z (TM, TN~etc.)
 KJPB S5 N 20 - P16 - L100 - A90 - G1.0 - Z30 - STC

Alterations	Code	Spec.
Tapping on Pin End.	TM	Adds a tap on pin end. Ordering Code: TM (for M4). Applicable to Tip Shape N and D only. TM is selectable from M4, 5, 6 and 8. Specify the tap size so that 2mm or more wall thickness remains. (TM≤P-4 for Tip Shape N, TM≤S-4 for D)

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 (Black Oxide)	STC	Adds black oxide surface treatment.