

# Slot Pins for Inspection Components

## Tapered / Tapered, No Step

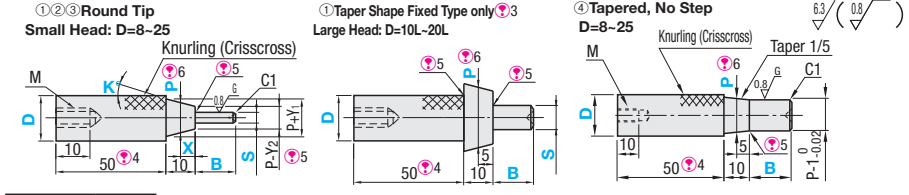
■ **Features:** Tapered, No Step Type has no groove at joint and prevents snagging thin workpieces such as sheet metal. For compatible bushings, see **P1841-P1845**.

■ **Tapered**  
 ·D=8~25 ·D=10L~20L

■ **Tapered, No Step**

**RoHS 10**

Material*1	Hardness	① Taper Shape Fixed		② Angle Selection	③ X Dimension Configurable	④ Tapered, No Step
		Type	Type	Type	Type	Type
S45C Equivalent	-	KJPDT	KJPGDT	KJPXT	KJPXT	KJPDTN
S45C Equivalent	45HRC~	KJPDTH	KJPGDTH	KJPKTH	KJPXTH	KJPDTH
SUS304	-	KJPDTS	KJPGDTS	KJPKTS	KJPXTS	-
*2 SUS440C or 13Cr stainless	45~50HRC	KJPDTC	KJPGDTC	KJPKTC	KJPXTC	-



S	g6
3.00	-0.002
3.01 - 6.00	-0.004
6.01 - 10.00	-0.012
10.01 - 18.00	-0.005
18.01 - 29.00	-0.014
	-0.017
	-0.006
	-0.007
	-0.020

- ① For electroless nickel plating, specify the alteration MN.
  - ② SUS440C or 13Cr stainless has an identification groove on D part.
  - ③ Dimensions not specified are the same as Small Head Type.
  - ④ For shorter handle length, specify the alteration ZC.
  - ⑤ There is a relief groove that is approx. 1 mm wide (approx. 0.2 mm deep).
- ⑥ P dimensioned section (tapered area) is not ground.  
 ⑦ Large Head Type (D=10L~20L) is available for S45C only.

### ① Taper Shape Fixed

Part Number	Type	0.01mm Increment				1mm Increment	K°	X	Y1, Y2	M	Unit Price										
		D	P	S (P-1≥S)	B	S <sub>0.02</sub>					Sg6	KJPDT	KJPDTH	KJPDTS	KJPDTC	KJPGDT	KJPGDTH	KJPGDTS	KJPGDTC		
(S45C) KJPDT	(S45C) KJPGDT	8	4.00~ 6.00	3.00~ 5.00	(When S<8) 5~25	Tapered 1/5	5	1	M4	-	-	-	-	-	-	-	-				
(S45C Hardened) KJPDTH	(S45C Hardened) KJPGDTH	10	4.00~ 8.00	3.00~ 7.00						-	-	-	-	-	-	-	-	-	-	-	-
(SUS304) KJPDTS	(SUS304) KJPGDTS	12	5.00~ 10.00	3.00~ 9.00						-	-	-	-	-	-	-	-	-	-	-	-
(SUS440C or 13Cr stainless) KJPDTC	(SUS440C or 13Cr stainless) KJPGDTC	16	8.00~ 14.00	3.00~ 13.00						-	-	-	-	-	-	-	-	-	-	-	-
		20	10.00~ 18.00	5.00~ 17.00						(When S≥8) 5~40	Tapered 1/5	1	M5	-	-	-	-	-	-	-	-
		25	15.00~ 23.00	8.00~ 22.00										-	-	-	-	-	-	-	-
		10L	10.00~ 16.00	5.00~ 15.00						-	-	-	-	-	-	-					
		12L	12.00~ 20.00	6.00~ 19.00						-	-	-	-	-	-	-					
		16L	16.00~ 25.00	8.00~ 24.00						-	-	-	-	-	-	-					
		20L	20.00~ 30.00	10.00~ 29.00						-	-	-	-	-	-	-					

### ② Angle Selectable (X dim. fixed) ③ X Dimension Selectable Type (Angle K° is fixed)

Part Number	Type	0.01mm Increment				1mm Increment	K°	X	Y1, Y2	Condition	M	Unit Price							
		D	P	S	B	Selection						Fixed	Selection	Fixed	② Angle Selection	③ X Dimension Selectable			
(S45C Equivalent) KJPKT	(S45C Equivalent) KJPKTH	10	4.21~ 7.59	3.00~ 5.98	5~25	10	Tapered 1/5	1	5	1.8 when K°=10 2.7 when K°=15	When K°=10, S-P-2.8 and D-P-2.8 When K°=15, S-P-3.7 and D-P-3.7	-	-	-	-	-	-	-	-
(S45C Hardened) KJPKTS	(S45C Hardened) KJPKTX	12	5.00~ 9.59	3.00~ 7.98								-	-	-	-	-	-	-	-
(SUS304) KJPKTCS	(SUS304) KJPKTCS	16	8.00~ 13.59	4.00~ 11.98	For SUS304, B≤Sx5	15	1/5	2	5	When X=1, Y1=1.8 and Y2=0.2 When X=2, Y1=1.6 and Y2=0.4 When X=3, Y1=1.4 and Y2=0.6	When K°=15, S-P-3.7 and D-P-3.7 When K°=2, S-P-1.2 and D-P-2.8 When K°=2, S-P-1.4 and D-P-2.6 When K°=3, S-P-1.6 and D-P-2.4	-	-	-	-	-	-	-	-
(SUS440C or 13Cr stainless) KJPKTCS	(SUS440C or 13Cr stainless) KJPKTCS	20	10.00~ 17.59	6.00~ 15.98								-	-	-	-	-	-	-	-
		25	15.00~ 22.59	8.00~ 20.98								-	-	-	-	-	-	-	

### ④ Tapered, No Step

Part Number	Type	0.01mm Increment			1mm Increment	Unit Price	
		D	P	B	M	KJPDTH	KJPDTHN
(S45C) KJPDTH	(S45C) KJPDTH	8	4.00~ 6.00	(When P-1<8) 5~25	M4	-	-
		10	4.00~ 8.00			-	-
		12	5.00~ 10.00			-	-
(S45C Hardened) KJPDTHN	(S45C Hardened) KJPDTHN	16	8.00~ 14.00	(When P-1≥8) 5~40	M5	-	-
		20	10.00~ 18.00			-	-
		25	15.00~ 23.00			-	-

**Ordering Example**

Part Number (TYPE, D) - P - S - B - K - X

① Taper Shape Fixed: KJPDT8 - P5.01 - S3.00 - B10

② Angle Selectable: KJPKTH20 - P16.00 - S8.00 - B20 - K10

③ X Dim. Selectable: KJPXTH20 - P15.00 - S10 - B13 - X3

④ Tapered, No Step: KJPDTHN16 - P8.00 - B20

**Alterations**

Part Number - P - S - B - K - X - (CH, KH, ZC - MN - etc.)

KJPDTH16 - P12.00 - S10.00 - B15 - MN

KJPDTH10 - P8.00 - B10 - ZC30 - KF - KJPDTH10

Alterations	Code	Spec.
Additional Surface Treatment (Electroless Nickel Plating)	MN	Electroless nickel plating is applied. ① Applicable to Material S45C only. ② Combination with STC is not available.
Additional Surface Treatment (Black Oxide)	STC	Adds black oxide surface treatment. ① Applicable to Material S45C only. ② Combination with MN is not available.
Engraving of the Specified Characters	KF	Engraves alphabet or number. Ordering Code: KF-MISUMI0034 Printable Character: alphabet, number, (period) ① Not applicable to handle length 10. ② No symbols, such as a tilde (~), other than those mentioned above may be used for engraving. ③ The pin's orientation to the pin to the engraved characters is arbitrary. ④ Engraved on the reverse side when combined with KH. ⑤ Up to 8 digits max. ⑥ When combining with other options, enter this last.
Engraving of P Dimension	KH	Machines flats on knurled head and engraves P dimension (with the character orientation arbitrary). ① Not applicable to handle length 10. ② Engraved on the reverse side when combined with KF.

Alterations	Code	Spec.
Handle Length	ZC	Changes handle length 50 to 10, 20, 30 or 40. ① For handle length 10, there is no tapped hole. ② Handle length 10 or 20 is available when P≥5 and pin length (10+B or L+10) ≤ 30. ③ For Large Head Type, only ZC30 and 40 are applicable. ④ For handle length 10, combination with KH and KF is not available.
Chain Alterations	CH	Loss-proof chain (length 600mm) is attached to gauge body. ① For chains only, see P1862.