

Slot Pins for Inspection Components

Diamond Tapered - Diamond Configurable

Diamond Shape Configurable
Round Tip, Small Head



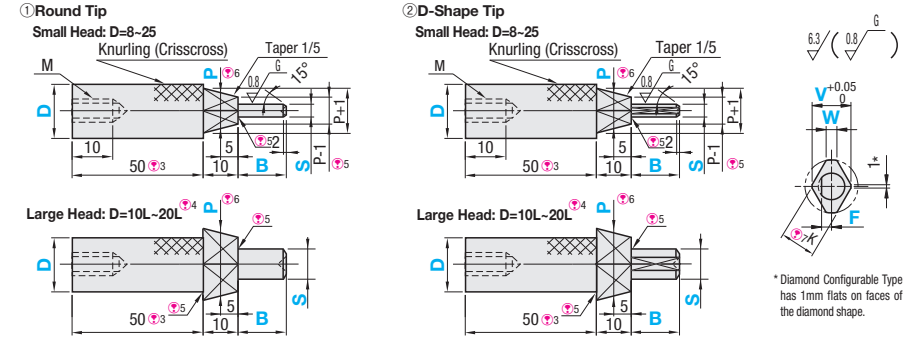
D-Shape Tip, Small Head (Alteration ZC)



RoHS 10

Material ^①	Hardness	① Round Tip				② D-Shape Tip			
		Type		Type		Type		Type	
		S _{0.02} ^②	S _{g6}	S _{0.02} /F _{0.025}	S _{g6} /F _{0.025}	S _{0.02} /F _{0.025}	S _{g6} /F _{0.025}	S _{0.02} /F _{0.025}	S _{g6} /F _{0.025}
S45C Equivalent	-	KJPD ^③ TMV	KJPG ^④ DTMV	KJPD ^③ TV	KJPG ^④ DTV	KJPD ^③ TMVH	KJPG ^④ DTMVH	KJPD ^③ TVH	KJPG ^④ DTVH
S45C Equivalent	45HRC~	KJPD ^③ TMVS	KJPG ^④ DTMVS	KJPD ^③ TVS	KJPG ^④ DTVS	KJPD ^③ TMVHC	KJPG ^④ DTMVHC	KJPD ^③ TVHC	KJPG ^④ DTVHC
SUS304	-	KJPD ^③ TMV	KJPG ^④ DTMV	KJPD ^③ TV	KJPG ^④ DTV	KJPD ^③ TMVH	KJPG ^④ DTMVH	KJPD ^③ TVH	KJPG ^④ DTVH
SUS304	-	KJPD ^③ TMVS	KJPG ^④ DTMVS	KJPD ^③ TVS	KJPG ^④ DTVS	KJPD ^③ TMVHC	KJPG ^④ DTMVHC	KJPD ^③ TVHC	KJPG ^④ DTVHC
SUS440C or 13Cr stainless	45~50HRC	KJPD ^③ TMV	KJPG ^④ DTMV	KJPD ^③ TV	KJPG ^④ DTV	KJPD ^③ TMVH	KJPG ^④ DTMVH	KJPD ^③ TVH	KJPG ^④ DTVH
SUS440C or 13Cr stainless	45~50HRC	KJPD ^③ TMVS	KJPG ^④ DTMVS	KJPD ^③ TVS	KJPG ^④ DTVS	KJPD ^③ TMVHC	KJPG ^④ DTMVHC	KJPD ^③ TVHC	KJPG ^④ DTVHC

S	g6
3.00	-0.002
3.01~ 6.00	-0.008
	-0.004
	-0.012
6.01~10.00	-0.005
	-0.014
10.01~18.00	-0.008
	-0.017
	-0.007
18.01~29.00	-0.020



① Large Head Type (D=10L ~ 20L) is available for S45C only. ④ Dimensions not specified are the same as Small Head Type. ⑦ 7K ≥ (S + 0.3)
 ① For electroless nickel plating, specify the alteration MN. ⑤ There is a relief groove that is approx. 1 mm wide (approx. 0.2 mm deep).
 ② SUS440C or 13Cr stainless has an identification groove on D part. ⑥ P dimensioned section (tapered area) is not ground.
 ③ For shorter handle length, specify the alteration ZC.

$$K = \frac{W \cdot V \sqrt{P^2 - W^2}}{\sqrt{P^2 + V^2 + 1 - 2 \sqrt{P^2 \cdot W^2 - 2VW}}}$$

① Round Tip		② D-Shape Tip		0.01mm Increment			0.1mm Increment	1mm Increment	0.1mm Increment	0.5mm Increment	M	
S _{0.02}	S _{g6}	S _{0.02} /F _{0.025}	S _{g6} /F _{0.025}	D	P	S(P-1±S)	F(F<S/2) ② D-Shape Tip only	B	VP-V VsS+1	W(W>W)		
(S45C) KJPD ^③ TMV	(S45C) KJPG ^④ DTMV	(S45C) KJPD ^③ TV	(S45C) KJPG ^④ DTV	8	4.00~6.00	3.00~4.00	0.3~2.0	5~15	4.0~5.0	1.0~4.5	M4	
(S45C Hardened) KJPD ^③ TMVH	(S45C Hardened) KJPG ^④ DTMVH	(S45C Hardened) KJPD ^③ TVH	(S45C Hardened) KJPG ^④ DTVH	10	4.00~8.00	3.00~6.00	0.3~3.0		4.0~7.0	1.0~6.5		
(SUS304) KJPD ^③ TMVS	(SUS304) KJPG ^④ DTMVS	(SUS304) KJPD ^③ TVS	(SUS304) KJPG ^④ DTVS	12	4.00~10.00	3.00~8.00	0.3~4.0		5~25	4.0~9.0		1.0~8.5
(SUS440C or 13Cr stainless) KJPD ^③ TMVC	(SUS440C or 13Cr stainless) KJPG ^④ DTMVC	(SUS440C or 13Cr stainless) KJPD ^③ TVC	(SUS440C or 13Cr stainless) KJPG ^④ DTVC	16	8.00~14.00	4.00~12.00	0.5~6.0			4.0~13.0		1.0~12.5
				20	10.00~18.00	5.00~16.00	1.0~8.0			6.0~17.0		1.0~16.5
				25	15.00~23.00	8.00~21.00	2.0~10.0	9.0~22.0		1.0~21.5		
				10L	10.00~16.00	5.00~14.00	1.0~7.0	6.0~15.0		1.0~14.5	M5	
				12L	12.00~20.00	6.00~18.00	2.0~9.0	7.0~19.0	1.0~18.5			
				16L	16.00~25.00	8.00~23.00	2.0~11.0	9.0~24.0	1.0~23.5			
				20L	20.00~30.00	10.00~28.00	2.0~14.0	11.0~29.0	1.0~28.5			
								For SUS304, B _S Sx5				

① Large Head Type (D=10L ~ 20L) is available for S45C only. ② Please select V, W and S dimensions so that S dimension is smaller than the Diamond section.

Ordering Example: Part Number (TYPE, D) - P - S - F - B - V - W
 KJPD^③TMV16 - P10.20 - S6.80 - B20 - V8.0 - W6.0

D	① Round Tip Unit Price								② D-Shape Tip Unit Price							
	S _{0.02}				S _{g6}				S _{0.02} /F _{0.025}				S _{g6} /F _{0.025}			
	KJPD ^③ TMV	KJPD ^③ TMVH	KJPD ^③ TMVS	KJPD ^③ TMVC	KJPG ^④ DTMV	KJPG ^④ DTMVH	KJPG ^④ DTMVS	KJPG ^④ DTMVC	KJPD ^③ TV	KJPD ^③ TVH	KJPD ^③ TVS	KJPD ^③ TVC	KJPG ^④ DTV	KJPG ^④ DTVH	KJPG ^④ DTVS	KJPG ^④ DTVC
Small Head	8															
	10															
	12															
	16															
	20															
Large Head	25															
	10L															
	12L															
	16L															
	20L															

Alterations Part Number - P - S - F - B - V - W - (CH, KH-etc.)
 KJPD^③TMV16 - P10.20 - S6.80 - B20 - V8.0 - W6.0 - CH
 KJPD^③TV12 - P9.50 - S5.00 - F2.0 - B18 - V8.0 - W4.0 - ZC10

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-ABCJMN0034 Printable Character: alphabet number, period ① Not applicable to handle length 10. ② No symbols, such as a hyphen (-), 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.
Chain Alterations	CH	Loss-proof chain (length 600mm) is attached to gauge body. ① For chains only, see P1862.
Handle Length	ZC	Changes handle length to 10, 20, 30 or 40. (Ordering Code) ZC20 ① Handle length 10 and 20 are available only when P≥5 and pin length (10+B) ≤ 30. ② For Large Head Type, only ZC30 and 40 are applicable. ③ For handle length 10, there is no tapered hole. ④ For handle length 10, combination with KH is not available.