

Resin Locating Pins

Large Head

Resin Locating Pins – Large Head

Type		Fixed Part	Head Shape	Material	Operating Ambient Temperature
P Configurable	P, L and B Configurable				
JP	FJP	Z (Standard)	A (Taper) FA (Flat) Q (Sphere)	Polyacetal (Black)	-45~95°C
MJP	MFP			MC Nylon (Blue)	-40~120°C
DJP	DFP			Conductive MC Nylon CDR2 (Black)	-40~120°C
JKP	FKP	Y (Tapped)		PEEK (Natural Ivory)	-50~250°C

ⓘ Characteristics of Polyacetal, MC Nylon, Conductive MC Nylon and PEEK P.3068-3069
(For Polyacetal and MC Nylon, refer to Standard Grade.)

ⓐ Some combinations are not available. Refer to the price list to select the available combination.

ⓐ The outer diameter tolerance is the result of measurement at room temperature (20°C).

Tip Shape Selection

Tapered: 15° angle, SR P/2

Flat: No Edge

Sphere: SR P/2

P Configurable

Type	Fixed Part Selection	Head Shape	Part Number			P 0.01 mm Increment	L		B	C	m	l ₁	M (Coarse)	l ₂
			D	D Tolerance m6	D Tolerance g6		Standard	Tapped						
JP	Z (Standard)	A (Taper)	1	+0.008 +0.002	-	1.50-2.50	3	3	0.3	0.5	0	-	-	-
			2			2.50-4.00	4							
			3			3.50-6.00	5							
MJP	Y (Tapped) ⓐ Applicable when D≥6	FA (Flat)	4	+0.012 +0.004	-	4.50-7.00	5	6	1	3	1	-	-	
DJP		Q (Sphere)	5			5.50-8.00	10							
JKP	-	-	6	-0.004 -0.012	-	6.50-10.00	10	10	8	1.5	4	-	M3	5
			8			9.00-13.00	15						15	M5
			10	+0.015 +0.006	-0.005 -0.014	11.00-15.00			2				M5	8

P, L & B Configurable

Type	Fixed Part	Head Shape	Part Number			P 0.01 mm Increment	L		B	C	m	l ₁	M (Coarse)	l ₂
			D	D Tolerance m6	D Tolerance g6		Standard	Tapped						
FJP	Z (Standard)	A (Taper)	1	+0.008 +0.002	-	1.50-2.50	2, 3	-	2.0-5.0	0.3	0.5	0	-	-
			2			2.50-4.00	2-6							
			3			3.50-6.00	3-6							
MFP	Y (Tapped) ⓐ Applicable when D≥6	FA (Flat)	4	+0.012 +0.004	-	4.50-7.00	4-8	-	2.0-10.0	0.5	1	-	-	
DFP		Q (Sphere)	5			5.50-8.00	5-10							
FKP	-	-	6	-0.004 -0.012	-	6.50-10.00	6-12	6-12	2.0-12.0	1	3	1	M3	5
			8			9.00-13.00	8-16	8-16					2.0 (3.0) - 15.0	1.5
			10	+0.015 +0.006	-0.005 -0.014	11.00-15.00	10-20	10-20	3.0 (4.0) - 20.0	2			M5	8

ⓐ B dimension of Flat Type is in (). ⓑ Taper Head Shape not available for JKPZA part type

Part Number Example

Type	Fixed Part	Head Shape	D	P	L	B
Standard	JP	Z	A	8	P10.00	
Tapped	FJP	Y	Q	10	P12.00 - L12 - B7.0	

Part Number Alterations

Part Number	P	L	B	(HSC)
JKPYA6	P8.00			HSC
FKPYFA10	P13.00	L18	B5.0	HSC

Alteration Code	Threaded Insert
HSC	HSC
Spec.	Adds a threaded insert on internal threads. D6: M3 D8, 10: M5 Ordering Code: HSC

Tapped

D	Tapered Available Types								Flat Available Types								Sphere Available Types							
	JPYA	MJPYA	DJPYA	JKPYA	FJPYA	MFPYA	DFPYA	FKPYA	JPYQ	MJPYQ	DJPYQ	JKPYQ	FJPYQ	MFPYQ	DFPYQ	FKPYQ	JPYQ	MJPYQ	DJPYQ	JKPYQ	FJPYQ	MFPYQ	DFPYQ	FKPYQ
6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
10	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Resin Locating Pins

Small Head

Resin Locating Pins – Small Head

Type		Head Shape	Material	Operating Ambient Temperature
P Configurable	P, L and B Configurable			
JPZS	FJPZS	A (Taper) FA (Flat) Q (Sphere)	Polyacetal (Black)	-45~95°C
MJPZS	MFPZS		MC Nylon (Blue)	-40~120°C
DJPZS	DFPZS		Conductive MC Nylon CDR2 (Black)	-40~120°C
JKPZS	FKPZS		PEEK (Natural Ivory)	-50~250°C

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ⓐ Some combinations are not available. Refer to the price list to select an available combination.

ⓑ The outer diameter tolerance is the result of measurement at room temperature (20°C).

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Tip Shape Selection

Tapered: 15° angle, SR P/2

Flat: No Edge

Sphere: SR P/2

P Configurable

Type	Head Shape Selection	Part Number		P 0.01 mm Increment	L	B
		D	D Tolerance m6			
JPZS MJPZS DJPZS JKPZS	A (Taper) Q (Sphere)	2	+0.008 +0.002	1.00-2.00	4	2
		3	+0.008 +0.002	1.00-3.00	5	3
		4	+0.012 +0.004	2.00-4.00	5	3
		5	+0.012 +0.004	2.00-5.00	10	5
		6	+0.012 +0.004	2.00-6.00	10	5
		8	+0.018 +0.007	3.00-8.00	15	6
		10	+0.018 +0.007	3.00-10.00	15	8

P, L & B Configurable

Type	Shape	Part Number		P 0.01 mm Increment	L 1 mm Increment	B 0.1 mm Increment
		D	D Tolerance m6			
FJPZS MFPZS DFPZS FKPZS	A (Taper) FA (Flat) Q (Sphere)	2	+0.008 +0.002	1.00-2.00	2-4	2.0-10.0
		3	+0.008 +0.002	1.00-3.00	3-6	
		4	+0.012 +0.004	2.00-4.00	4-8	
		5	+0.012 +0.004	2.00-5.00	5-10	
		6	+0.012 +0.004	2.00-6.00	6-12	
		8	+0.018 +0.007	3.00-8.00	8-16	
		10	+0.018 +0.007	3.00-10.00	10-20	

ⓐ Sphere Head Shape not available for JPZS, JKPZS part types.

Part Number Example

Part Number	P	L	B
MFPZSQ6	P5.50	L10	B5.0

D	m	l
2	0.5	0
3		
4		
5	2	1
6		
8	3	1
10		