

Locating Pins

Plastic, Small Head

■ Features: Plastic Locating Pins which prevent workpiece damages.

Type	P Configurable		Head Shape	Material	Operating Ambient Temperature
	P, L, B Configurable				
JPZS	FJPZS		A (Tapered) FA (Flat) Q (Sphere)	Polyacetal (Black)	-45~95°C
MJPZS	MFPZS			MC Nylon (Blue)	-40~120°C
DJPZS	DFPZS			Conductive MC Nylon CD2 (Black)	-40~120°C
JKPZS	FKPZS			PEEK (Natural Ivory)	-50~250°C

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.

Characteristics of Polyacetal, MC Nylon, Conductive MC Nylon, PEEK, PZ953, 954 (For Polyacetal and MC Nylon, refer to Standard Grade.)

P	C*
1.00~2.50	0.3
2.51~4.00	0.5
4.01~10.00	1

When P<3 a=0.5 d=P-0.1
 When P≥3 a=1.0 d=P-0.2

P Configurable

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

P, L, B Configurable

Type	Shape	D	D dim. Tolerance m6	P 0.01mm Increment	L 1mm Increment	B 0.1mm Increment	D	m	ℓ
FJPZS MFPZS DFPZS FKPZS	A (Tapered) FA (Flat) Q (Sphere)	2	+0.008	1.00~2.00	2~4	2.0~10.0	2	0.5	0
		3	+0.002	1.00~3.00	3~6	2.0~10.0	3		
		4		2.00~4.00	4~8	2.0~10.0	4	1	
		5	+0.012 +0.004	2.00~5.00	5~10	2.0~10.0	5	2	1
		6		2.00~6.00	6~12	2.0~12.0	6		
		8	+0.018	3.00~8.00	8~16	2.0~15.0	8	3	
		10	+0.007	3.00~10.00	10~20	3.0~20.0	10		

Ordering Example: **Part Number** - P - L - B
 MFPZSQ6 - P5.50 - L10 - B5.0

P Configurable

D	Unit Price							
	Tapered				Sphere			
2	JPZSA	MJPZSA	DJPZSA	JKPZSA	JPZSQ	MJPZSQ	DJPZSQ	JKPZSQ
3								
4								
5								
6								
8								
10								

P, L, B Configurable

D	Unit Price											
	Tapered				Flat				Sphere			
2	FJPZSA	MFPZSA	DFPZSA	FKPZSA	FJPZFA	MFPZFA	DFPZFA	FKPZFA	FJPZSQ	MFPZSQ	DFPZSQ	FKPZSQ
3												
4												
5												
6												
8												
10												

Pusher Pins

Straight / Small Head

■ Features: Plastic pin used as the Workpiece Holder.

Characteristics of Polyacetal, PEEK, Conductive MC Nylon
 PZ953, 954

Type	Material	Operating Ambient Temperature
Flat	Polyacetal (White)	-45~95°C
Sphere	PEEK (Natural Ivory)	-50~250°C
Taper R	Conductive MC Nylon CD2 (Black)	-40~120°C
Tapered		

When L<20, the thread length is Mx1.5.

Part Number Type	D	L 0.5mm Increment			M (Coarse)	R	Part Number Type	D	L 0.5mm Increment	E 0.5mm Increment	A 1° Increment	M (Coarse)
		Flat, Sphere	Taper R									
Flat PPFJ PEPFJ PMPFJ	6	10.0~100.0	14.0~100.0	3	1	Tapered PPTJ PEPTJ	6	14.0~100.0		5.0≤E≤40 and E≤L-Mx3	1~45	3
	8	12.0~100.0	18.0~100.0	4	1.5		8	18.0~100.0				4
	10	13.0~100.0	20.0~100.0	5	2		10					5
	12	16.0~100.0	26.0~100.0	6	3		12					6
	15	19.0~100.0	34.0~100.0				15					
20		40.0~100.0			20							
25		50.0~100.0			25							

D	Unit Price																					
	L10.0~59.5						L60.0~100.0															
6	PPFJ	PPRJ	PPQJ	PPTJ	PEPFJ	PEPRJ	PEPQJ	PEPTJ	PMPFJ	PMPRJ	PMPQJ	PPFJ	PPRJ	PPQJ	PPTJ	PEPFJ	PEPRJ	PEPQJ	PEPTJ	PMPFJ	PMPRJ	PMPQJ
8																						
10																						
12																						
15																						
20																						
25																						

Small Head

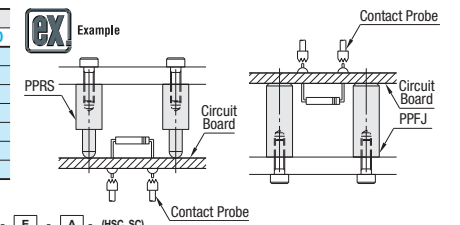
Material: Polyacetal (White)
 Operating Ambient Temperature: -45 ~ 95°C

When L<20, the thread length is Mx1.5.

Part Number Type	D	P 0.5mm Increment	L 0.5mm Increment	B 0.5mm Increment	M (Coarse)	Unit Price	
						L10.0~59.5	L60.0~100.0
PPFS (Flat)	6	3.0~6.0	10.0~100.0		3		
	8	4.0~8.0			4		
	10	5.0~10.0			5		
	12	6.0~12.0	13.0~100.0	3.0~20.0 B≥P/2+1	6		
PPRS (Sphere)	15	8.0~15.0					
	20	10.0~20.0	14.0~100.0				
	25	13.0~25.0					

Ordering Example: **Straight**
 Part Number - L - E - A
 PPFJ10 - 40.0 - E10 - A5
 PPTJ12 - 40.0 - E10 - A5

Small Head
 Part Number - P - L - B
 PPFS6 - P3.0 - L50.5 - B10.5



Alterations	Threaded Insert		Wrench Flats	
	HSC	SC	HSC	SC
Code	HSC		SC	
Spec.	Adds threaded insert to M part. Ordering Code HSC		Wrench Flats SC: 1mm increment SC+ℓ+D/2<L SC>Mx3 Ordering Code SC15	
	D6 :M3	D8~10 :M4	D	W
	D12 :M5	D15~25 :M6	6	5
			8	7
			10	8
			12	10
			15	13
			20	17
			25	22