

# Locating Pins (Large, Small Head)

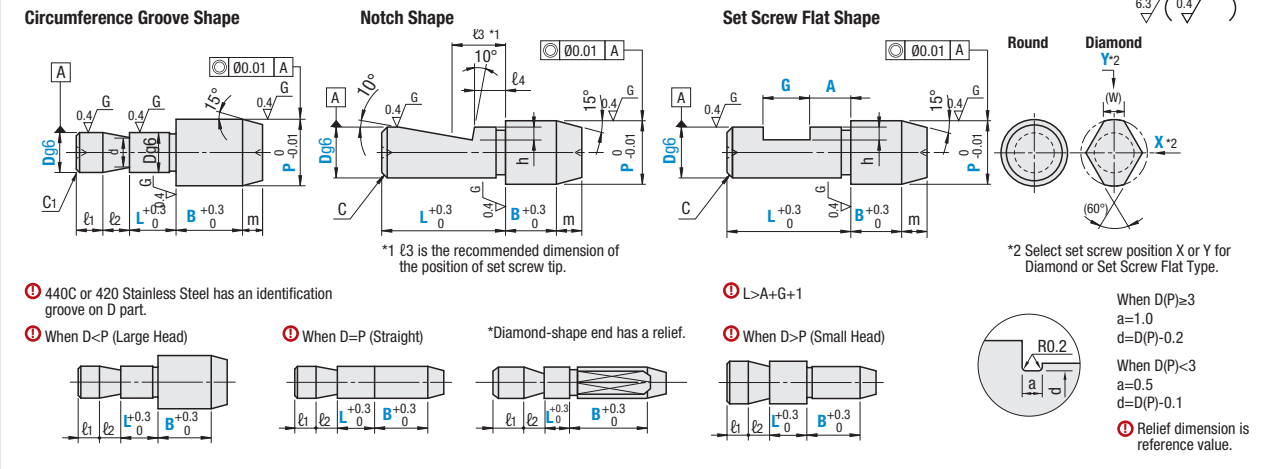
## Set Screws Mounting Shank

### Locating Pins – Large, Small Head / Set Screws Mounting Shank



RoHS10

Materials No.	Material	Surface Treatment	Hardness	Type					
				Circumference Groove		Notch		Set Screw Flat	
				Round	Diamond	Round	Diamond	Round	Diamond
(1)	O1 Tool Steel Equivalent	—	Treated Hardness: 60~63 HRC min.	JPGTS	JPGTD	JPCTS	JPCTD	JPDTS	JPDTD
(2)	O1 Tool Steel Equivalent	Hard Chrome Plating	Hardness: 50~55 HRC min. Plating Hardness: 750 HV min.	GJPGTS	GJPGTD	GJPCTS	GJPCTD	GJPDTS	GJPDTD
(3)	304 Stainless Steel Equivalent	—	—	SJPGTS	SJPGTD	—	—	SJPDTS	SJPDTD
(4)	304 Stainless Steel Equivalent	Hard Chrome Plating	Plating Hardness: 750 HV min.	HJPGTS	HJPGTD	HJPCTS	HJPCTD	—	—
(5)	440C or 420 Stainless Steel	—	Treated Hardness: 50~55 HRC min.	CJPGTS	CJPGTD	CJPCTS	CJPCTD	CJPDTS	CJPDTD



### Circumference Groove Shape

Part Number	D Dimension Tolerance g6	P 0.01 mm Increment	L 1 mm Increment	B 0.1 mm Increment	d	$\ell_1$	$\ell_2$	m	$C_1$	(W)	
										When D < P	When D ≥ P
JPGT GJPGT SJPGT HJPGT CJPGT	6	-0.004 -0.012	2.00-10.00	3-12	4.5	5	5	3	1	3	1.5
	8	-0.005 -0.014	3.00-13.00	4-16	6.5	6	6	4	1.5	3.5	1.8
	10	-0.005 -0.014	3.00-15.00	5-20	8	8	8	4	2	4	2.2
	12	-0.006 -0.017	5.00-16.00	6-24	10	8	8	5	2	5	2.5
	16	-0.006 -0.017	10.00-25.00	8-32	14	8	8	5	3	7	4
20	-0.007 -0.020	13.00-30.00	10-40	18	8	8	5	3	9	5	
											20S

Ⓛ B dimension with ( ) are applicable for diamond shape.  
 Ⓛ Pins of with D value ending in S are for limited space with shorter mounting parts (L and  $\ell_1$ ). (Actual D dimension is the number without "S").

# Locating Pins (Large, Small Head)

## Set Screws Mounting Shank

### Notch Shape / Set Screw Flat Shape

Part Number	D Dimension Tolerance g6	P 0.01 mm Increment	L 1 mm Increment	B 0.1 mm Increment	G 1 mm Increment	A 0.1 mm Increment	Flat Position	$\ell_3$	$\ell_4$	h	C	m	Applicable Set Screws	(W)																																
														When D < P	When D ≥ P																															
Notched JPCT GJPCT HJPCT CJPCT	S Round D Diamond	6	-0.004 -0.012	5.00-10.00	12-20	5.0-20.0	3-9	2.0-8.0	X Y	Ⓛ Applicable to diamond shape only.	5.5	2.5	1.0	1	3	M4	3	1.5																												
																			8	-0.005 -0.014	5.00-13.00	14-22	5.0-30.0 (15.0)	2.0-12.0	7.5	3.5	1.2	1.5	4	M5	3.5	1.8														
																																	10	-0.006 -0.017	5.00-15.00	15-25	5.0-30.0 (25.0)	2.0-16.0	7.5	3.5	1.2	2	4	M6	4	2.2
																																	16	-0.007 -0.020	10.00-25.00	15-35	5.0-30.0	2.0-28.0	10.5	5.5	2.0	3	5	M8	7	4
20	-0.007 -0.020	13.00-30.00	27-40	5.0-30.0	2.0-36.0	13.5	8.5	2.0	3	5	M8	9	5																																	

Ⓛ B dimension with ( ) are applicable for diamond shape.  
 Ⓛ Applicable set screws in the table are the recommended sizes for Notched Shape.

**Part Number Example**

Part Number - P - L - B - G - A - Flat Position

JPGTS10 - P12.00 - L6 - B3.5  
 JPDTD10 - P10.05 - L22 - B7.5 - G5 - A14.3 - X

D	Available Types for Circumference Groove									
	Round Shape					Diamond Shape				
	(1) JPGTS	(2) GJPGTS	(3) SJPGTS	(4) HJPGTS	(5) CJPGTS	(1) JPGTD	(2) GJPGTD	(3) SJPGTD	(4) HJPGTD	(5) CJPGTD
6	•	•	•	•	•	•	•	•	•	•
6S	•	•	•	•	•	•	•	•	•	•
8	•	•	•	•	•	•	•	•	•	•
8S	•	•	•	•	•	•	•	•	•	•
10	•	•	•	•	•	•	•	•	•	•
10S	•	•	•	•	•	•	•	•	•	•
12	•	•	•	•	•	•	•	•	•	•
12S	•	•	•	•	•	•	•	•	•	•
16	•	•	•	•	•	•	•	•	•	•
16S	•	•	•	•	•	•	•	•	•	•
20	•	•	•	•	•	•	•	•	•	•

D	Available Types for Notch								Available Types for Set Screw Flat							
	Round Shape				Diamond Shape				Round Shape				Diamond Shape			
	(1) JPCTS	(2) GJPCTS	(4) HJPCTS	(5) CJPCTS	(1) JPCTD	(2) GJPCTD	(4) HJPCTD	(5) CJPCTD	(1) JPDTS	(2) GJPDTS	(3) SJPDTS	(5) CJPDTS	(1) JPDTD	(2) GJPDTD	(3) SJPDTD	(5) CJPDTD
6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
6S	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
8S	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
10	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
10S	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
12	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
12S	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
16	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
16S	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
20	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•