

Locating Pins

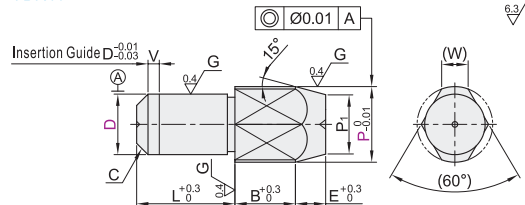
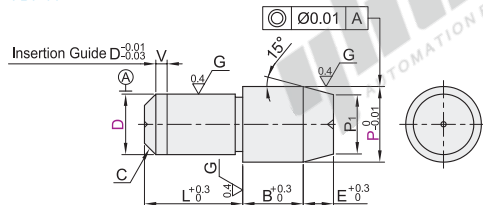
Round/Diamond Large Head Tapered

Code	Type	D Tol.	Material		Hardness	Surface Treatment
			GB	Equiv.		
YBP01	Round	Dm6	9CrWMn	SKS3	Treated Hardness:58-61HRC	
YBP11		Dp6				
YBR01	Diamond	Dm6	9CrWMn	SKS3	Treated Hardness:58-61HRC	
YBR11		Dp6				



Round
YBP01
YBP11

Diamond
YBR01
YBR11



$$P_1 = P - E \cdot \tan 15^\circ$$

Process hole processing conditions: $D \neq P$ and $(D \cdot P \cdot L \cdot B) \geq 4$ and $P_1 > 3$. (Refer to P497 for detailed dimensions of the process hole)

The first perspective

Round

Part Number Code	D	D Tol.		P	L	B	C	E	V
		m6	p6						
Dm6 YBP01	1			2	3	3	0.1	0.5	0
	2	+0.008	+0.012	3 4	4	5	0.5	1	
	3	+0.002	+0.006	4 5 6	5	6	1	3	
	4			5 6	6	8			
	5	+0.012	+0.020	6 8	10	10			1
	6	+0.004	+0.012	8 10	15	15			
	8			10 12 13	22	22			
	10	+0.015	+0.024	12 13 15	30	30			
	12	+0.006	+0.015	13 15 16					
	13	+0.018	+0.029	15 16					
Dp6 YBP11	16	+0.007	+0.018	16 20 25					2
	20	+0.021	+0.035	25 30					

Diamond

Part Number Code	D	D Tol.		P	L	B	C	E	V	(W)
		m6	p6							
Dm6 YBR01	1			2	3	3	0.1	0.5	0	0.6
	2	+0.008	+0.012	3 4	4	5	0.5	1		1.2
	3	+0.002	+0.006	4 5 6	5	6	1	3		1.5
	4			5 6	6	8				1.8
	5	+0.012	+0.020	6 8	10	10				2.2
	6	+0.004	+0.012	8 10	15	15				3
	8			10 12 13	22	22				3.5
	10	+0.015	+0.024	12 13 15	30	30				4
	12	+0.006	+0.015	13 15 16						5
	13	+0.018	+0.029	15 16						5.5
Dp6 YBR11	16	+0.007	+0.018	16 20 25						7
	20	+0.021	+0.035	25 30						9



Optional Processing

Code	Spec.
EC()	Changes the E Dimension
	Ordering Code EC2
	① 1 mm Inc.
	② $B + E \geq EC + 2$ (Straight Part min. 2 mm)
	③ $P/2 - EC \times \tan 15^\circ (=0.27) > 0.5$ (Tip $\phi 0.1$ mm.)
	④ B Dimension changes when EC is specified.
MA	Adds a Tapped Hole
	Ordering Code MA
	D MA V1
	6 M3 4
	8~13 M4 6
	16~20 M6 9
RC	Changes the Relief to R0.5
	Ordering Code RC
	P-D ≤ 2 not applicable.

Round

Part Number	D Tol.	P
YBP01	m6	2
YBP11	p6	3 4
YBP01—D2—P4		4 5 6

Optional Processing

Part Number	D Tol.	P	Optional Processing Code
YBP01	m6	2	EC() MA
YBP11	p6	3 4	RC
YBP01—D3—P6—RC		4 5 6	

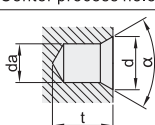


Discount price	Per	1~4	5~
Price	100%	Additional quotation	



Delivery	6
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Center process hole size



End face Outer Diameter	Ø3.00~Ø4.99	Ø5.00~Ø8.99	Ø9.00 And Above
dH14	1.7	2.2	2.7
dH13	1.1	1.6	2.1
t(reference value)	1.8	2.5	3
α		60°	

If the end face is arc-shaped, dimensions of t and d are Hypothetical values.