



Ⓜ Non JIS material definition is listed on P.1359 - 1360

**Shape 1A**

Enlarged view of the tip

\*This bushing has a flat area of 0~0.2 on its tip (P dimension).

**Shape 2A**

Enlarged view of the tip

\*This bushing has a flat area of 0~0.2 on its tip (P dimension).

**Shape 3A**

Enlarged view of the tip

\*This bushing has a flat area of 0~0.2 on its tip (P dimension).

**Shape 4A**

Enlarged view of the tip

\*This bushing has a flat area of 0~0.2 on its tip (P dimension).

**Shape 5A**

Enlarged view of the tip

\*This bushing has a flat area of 0~0.2 on its tip (P dimension).

Ⓜ  $R \geq \sqrt{(P/2)^2 + C^2}$  Ⓜ  $V = 2 \times \sqrt{R^2 - (\sqrt{R^2 - (P/2)^2} - C)^2}$

Ⓜ  $\alpha = 2SR + 2(L - G - SR) \tan \frac{A^*}{2}$

Ⓜ The dimension acquired using the above calculation is the theoretical (reference) value.

H	D2	G	B	SR	Part Number		L 0.01mm increments	P	A°	K°	None for 2A	Shape 1A only	Shape 3A only	Shape 4A only	
					Type	Shape					C 0.1mm increments	V 0.1mm increments	S° 1 increments	R 0.1mm increments	
6	3	0.7	3	0.60	PGHT (High Speed Steel SKH51)	2	10.00~20.00	0.3 0.4 0.5 <sup>(*)1</sup>	1	20	0.2~0.4	1.3~1.9		0.4~0.8	
7	4	1.0	4	0.75		2.5	10.00~25.00	0.3 0.4 0.5 0.6 <sup>(*)1</sup>			0.2~0.5	1.5~2.4		0.6~1.0	
8	5			1.00		3		0.5 0.6 0.7 0.8 0.9 <sup>(*)2</sup>			0.3~0.8	2.0~2.9			
9	6	1.2	6	1.00		2A	4	20.00~40.00			0.6 0.7		1~45	0.8~1.5	
				1.25				0.8 0.9 1.0 1.1 1.2							
11	8			1.25		3A	5				0.8 0.9 1.0			1.0~2.0	
				1.50				1.2 1.3 1.4 1.5 <sup>(*)3</sup>							
12	9	1.5	10	1.25		4A	6	20.00~60.00			1.0			1~50	1.5~3.0
				1.50				1.2 1.3 1.4 1.5 <sup>(*)3</sup> 1.6 <sup>(*)3</sup>							
14	11			1.50		5A	8				1.2 1.3 1.4			1~60	2.0~4.0
				2.00				1.5 1.6							

(\*)1 When P0.5(D2) · P0.6(D2.5), only K20° can be selected. (\*)2 When P0.9(D3) and K30°, G is 1.0. (\*)3 When P1.5 · P1.6(D5 · D6) and K30°, G is 1.2.

Ⓜ For shape 4A,  $R \geq \sqrt{(P/2)^2 + C^2}$

Order

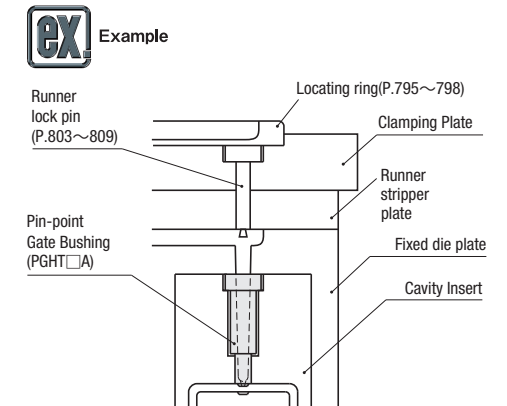
Part Number	L	P	A	K	C V S R
PGHT1A4	35.01	P0.8	A2	K30	C0.5 - V3.0
PGHT2A4	35.01	P0.8	A2	K30	
PGHT3A4	35.01	P0.8	A2	K30	C0.5 - S30
PGHT4A4	35.01	P0.8	A2	K30	C0.5 - R1.0
PGHT5A4	35.01	P0.8	A2	K30	C0.5

Days to Ship **3** Days  
Ⓜ Delivery days depend on subsidiary P.45

Price

Quantity	1~4	5~12	13~19	20~50
Rate	-	5%	10%	15%

Ⓜ To be quoted on price & lead time above Max. Q'ty.



**Characteristics**  
Pin-point gate bushings with head are capable of positioning at depth amount of counterbore of the head in vertical direction.

Alterations

Part Number	L	P	A	K	C V S R	(CC · CVC...etc.)
PGHT1A4	35.01	P0.8	A2	K30	C0.5 - V3.0	CC

Alterations	Code	Spec.	1Code	Alterations	Code	Spec.	1Code
	CC	C chamfering for inlay relief. D2 · 2.5 → C0.2 D3 · 4 → C0.3 D5~8 → C0.5	Quotation		KC	Adds a single key flat on the head. Ⓜ L < 20 not available.	Quotation
	CVC	C chamfering for inlay relief. CVC = 0.1mm increments 0.2 ≤ CVC < $\frac{(D_2 - D)}{2}$ - 0.1			WKC	Adds two parallel key flats on the head. Ⓜ L < 20 not available.	