



Ⓜ Non JIS material definition is listed on P.1351 - 1352

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).

• Calculation for the inlet diameter *α

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

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

Part Number	M	H
PGHT□A	SKH51	59~61HRC

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	V	S°	R		
6	3	0.7	3	0.60	PGHT (High Speed Steel SKH51)	2	10.00~20.00	0.3 0.4 0.5 ^{(*)1}	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 ^{(*)1}			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 ^{(*)2}			0.3~0.8	2.0~2.9				
9	6	1.2	6	1.00		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		5		0.8 0.9 1.0						1.0~2.0		
				1.50				1.2 1.3 1.4 1.5 ^{(*)3}								
12	9	1.5	10	1.25		6	20.00~60.00	1.0			0.5~1.5	4.0~5.9	1~50	1.5~3.0		
				1.50				1.2 1.3 1.4 1.5 ^{(*)3} 1.6 ^{(*)3}								
14	11			1.50		8		1.2 1.3 1.4						4.5~7.9	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.

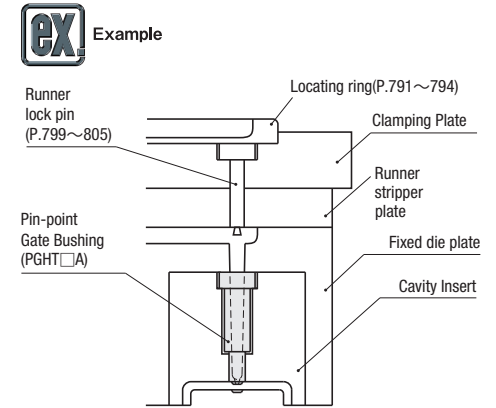
Ⓜ For shape 4A, $R \geq \sqrt{(P/2)^2 + C^2}$

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 **Quotation**

Price **Quotation**



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 < (D2-D)/2 - 0.1			WK	Adds two parallel key flats on the head. Ⓜ L < 20 not available.	