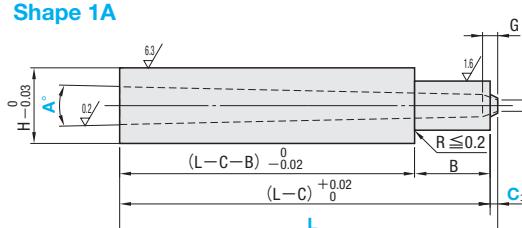
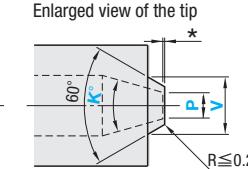
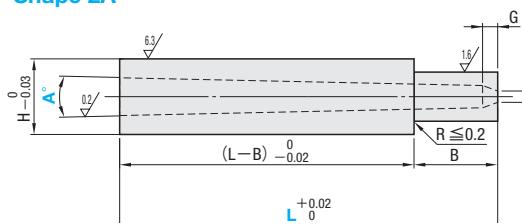
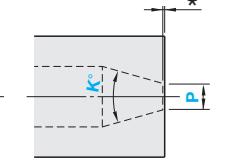
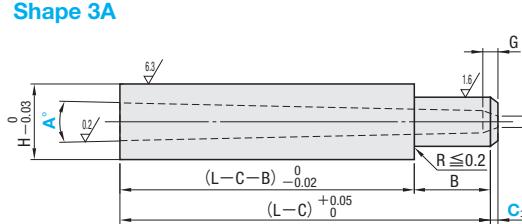
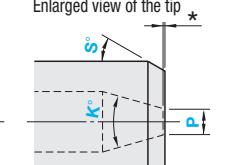
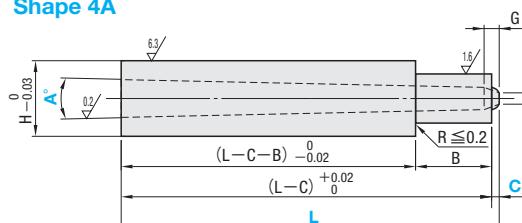
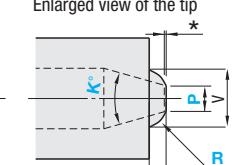
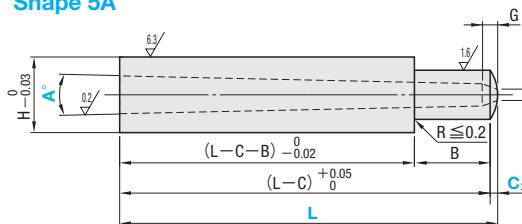
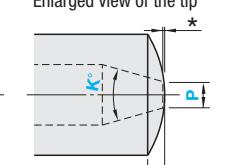
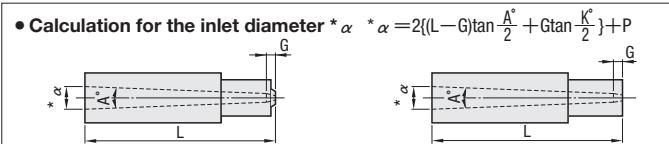


## PIN-POINT GATE BUSHINGS TAPERED GATE HOLE

—B DIMENSION SELECTION TYPE—

① The inside diameter is finished by electric discharge. ② The angle ( $K^\circ$ ) and the secondary sprue ( $A^\circ$ ) are roundly connected.

	<b>Shape 1A</b>	
	<b>Shape 2A</b>	
	<b>Shape 3A</b>	
	<b>Shape 4A</b>	
	<b>Shape 5A</b>	



③ The dimension acquired using the above calculation is the theoretical (reference) value.

Part Number	M	H
PGHBV□A	SKH51	59~61HRC

SKH51	Tapered gate hole B dimension selection type
	

④ Non JIS material definition is listed on P.1351 - 1352

H	G	B	Part Number			L 0.01mm increments	P	A°	K°	None for 2A C 0.1mm increments	Shape 1A only V 0.1mm increments	Shape 3A only S° 1° increments	Shape 4A only R 0.1mm increments		
			Type	Shape	D										
4	1.0	4	PGHBV (High Speed Steel) SKH51	1A	2.5	8.00~25.00	0.3 0.4 0.5 0.6 <sup>(1)</sup>	20 30	0.2~0.5	1.5~2.4	1~45	0.6~1.0	1~45		
5	1.2	6		2A	3	10.00~40.00	0.5 0.6 0.7 0.8 <sup>(2)</sup>	20 30 40	0.3~0.8	2.0~2.9		0.8~1.5			
6				3A	4		0.6 0.7 0.8 0.9 1.0 1.2			2.5~3.9					
8	1.5	10		4A	5	15.00~60.00	0.8 0.9 1.0 1.1 1.2 <sup>(3)</sup> 1.3 <sup>(3)</sup> 1.4 <sup>(3)</sup>	20 30 40	0.5~1.5	3.5~4.9		1~50	1.0~2.0	1~50	
9				5A	6		1.0 1.1 1.2 1.3 1.4 1.5 <sup>(4)</sup> 1.6 <sup>(4)</sup>	50 60		4.0~5.9		1~60	1.5~3.0	2.0~4.0	
11					10					4.5~7.9		2.5~5.0			
13	2.0									5.0~9.9					

⑤ For shape 4A,  $R \geq \sqrt{(P/2)^2 + C^2}$

(\*1) For P0.6 (D2.5), only K20° can be selected.

(\*2) P0.8 (D3) is selected from K20° ~ K30°

(\*3) For P1.2~P1.4 (D5), only K60° can be selected.

(\*4) When P1.5 ~ P1.6 (D6) and K30° or more, G is 1.2.



Order

Part Number — L — P — A — K — C V S R  
PGHBV1A4 — 20.01 — P0.8 — A2 — K30 — C0.5—V3.0  
PGHBV2A4 — 20.01 — P0.8 — A2 — K30  
PGHBV3A4 — 20.01 — P0.8 — A2 — K30 — C0.5—S30  
PGHBV4A4 — 20.01 — P0.8 — A2 — K30 — C0.5—R1.0  
PGHBV5A4 — 20.01 — P0.8 — A2 — K30 — C0.5



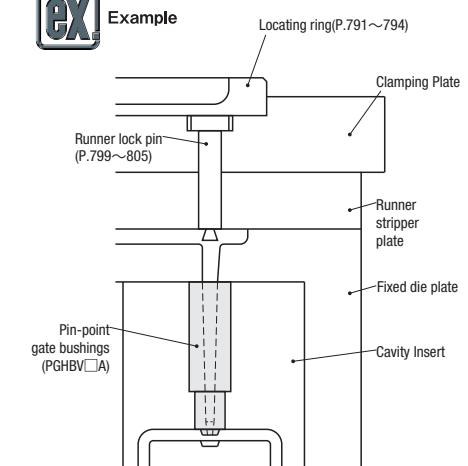
Quotation



Quotation



Example



Part Number — L — P — A — K — C V S R — (CC · CVC)  
PGHBV1A4 — 20.01 — P0.8 — A2 — K20 — C0.5—V3.0 — CVC0.3

Alterations	Code	Spec.	1Code
	CC	C chamfering for inlay relief. D2.5 → C0.2 D3 ~ 4 → C0.3 D5~10 → C0.5	Quotation

Alterations	Code	Spec.	1Code
	CVC	C chamfering for inlay relief. CVC=0.1mm increments $0.2 \leq CVC < \frac{(H-D)}{2} - 0.1$	Quotation