PIN-POINT GATE BUSHINGS INNER DIAMETER SR

—B DIMENSION SELECTION TYPE—

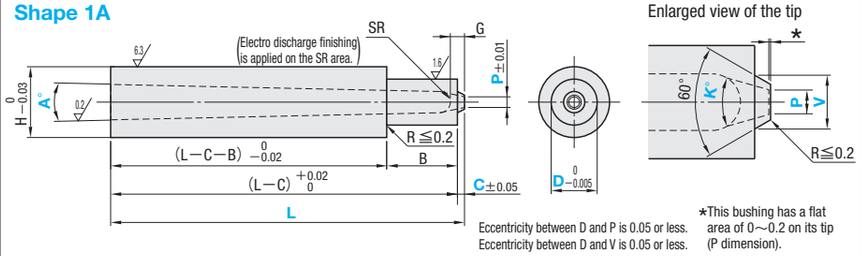
Carbide

Inner diameter SR **B dimension selection type**

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

Shape 1A

RoHS



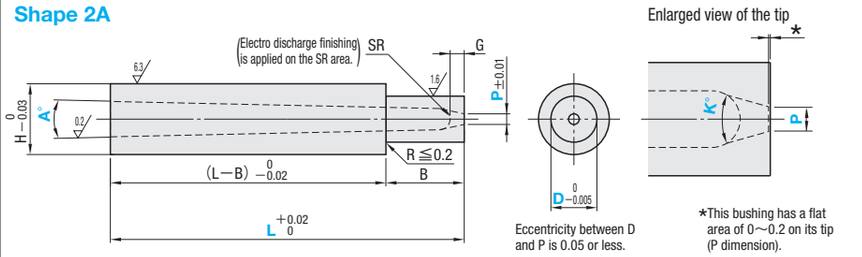
Enlarged view of the tip

Eccentricity between D and P is 0.05 or less.
Eccentricity between D and V is 0.05 or less.

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

Shape 2A

RoHS



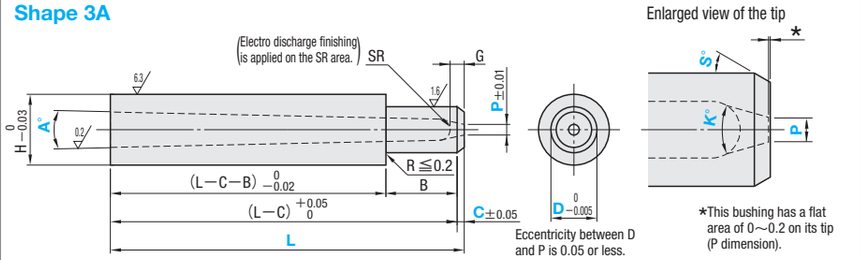
Enlarged view of the tip

Eccentricity between D and P is 0.05 or less.

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

Shape 3A

RoHS



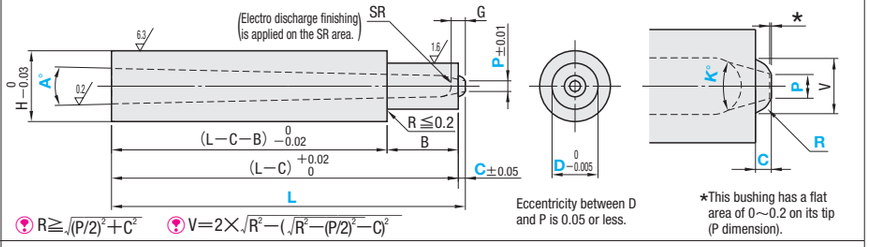
Enlarged view of the tip

Eccentricity between D and P is 0.05 or less.

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

Shape 4A

RoHS



Enlarged view of the tip

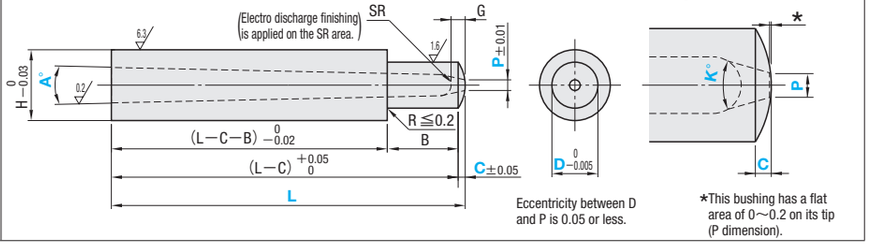
Eccentricity between D and P is 0.05 or less.

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

For shape 4A, $R \geqq \sqrt{(P/2)^2+C^2}$ $V=2\times\sqrt{R^2-(\sqrt{R^2-(P/2)^2}-C)^2}$

Shape 5A

RoHS



Enlarged view of the tip

Eccentricity between D and P is 0.05 or less.

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

H	G	B	SR	Part Number Type	Part Number Shape	Part Number D	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
3	0.7	3	0.60	PGWB (Carbide Alloy V40)	1A	2	6.00～20.00	0.3 0.4 0.5(*1)	1	20	0.2～0.4	1.3～1.9	1～45	0.4～0.8
4	1.0	4	0.75			2.5	8.00～25.00	0.3 0.4 0.5 0.6(*1)			0.2～0.5	1.5～2.4		0.6～1.0
5	1.2	6	1.00		2A	3	10.00～40.00	0.5 0.6 0.7 0.8			0.3～0.8	2.0～2.9		0.8～1.5
6			1.00		3A	4		0.6 0.7	2			2.5～3.9		
			1.25					0.8 0.9 1.0						
8	1.5	10	1.25		4A	5	15.00～40.00	0.8 0.9 1.0	3	30	0.5～1.5	3.5～4.9		1.0～2.0
			1.50					1.2						
9			1.25			6		1.0				4.0～5.9	1～50	1.5～3.0
			1.50		5A			1.2 1.3 1.4 1.5(*2)						
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) For P0.5(D2) and P0.6(D2.5), only K20° can be selected.
(*2) When P1.5(D6) and K30°, G is 1.2.

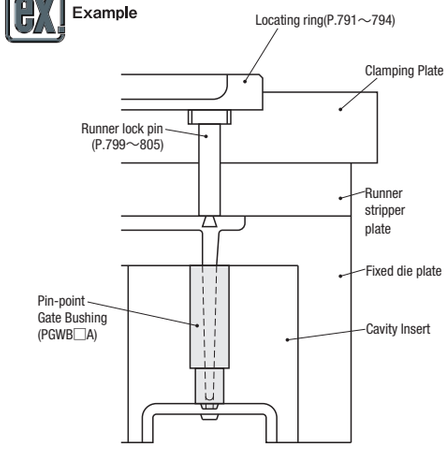
Order

Part Number	L	P	A	K	C V S R
PGWB1A4	20.01	P0.8	A2	K30	C0.5—V3.0
PGWB2A4	20.01	P0.8	A2	K30	
PGWB3A4	20.01	P0.8	A2	K30	C0.5—S30
PGWB4A4	20.01	P0.8	A2	K30	C0.5—R1.0
PGWB5A4	20.01	P0.8	A2	K30	C0.5

Days to Ship Quotation

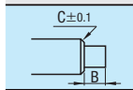
Price Quotation

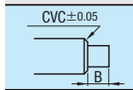
Example



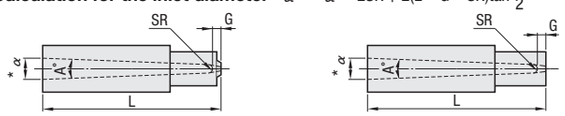
Alterations

Part Number	L	P	A	K	C V S R	(CC・CVC)
PGWB1A4	20.01	P0.8	A2	K20	C0.5—V3.0	CVC0.3

Alterations	Code	Spec.	1Code
	CC	C chamfering for inlay relief. D2・2.5 → C0.2 D3・4 → C0.3 D5～8 → C0.5	Quotation

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

● **Calculation for the inlet diameter** $*\alpha$ $*\alpha = 2SR + 2(L-G-SR)\tan\frac{A^\circ}{2}$



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

Part Number	M	H
PGWB□A	V40 (Carbide Alloy)	87～88HRA (Converted score to Vickers hardness : 960HV)

Components of Gate