
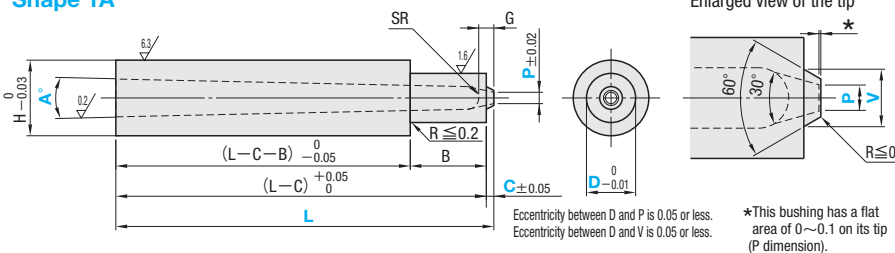

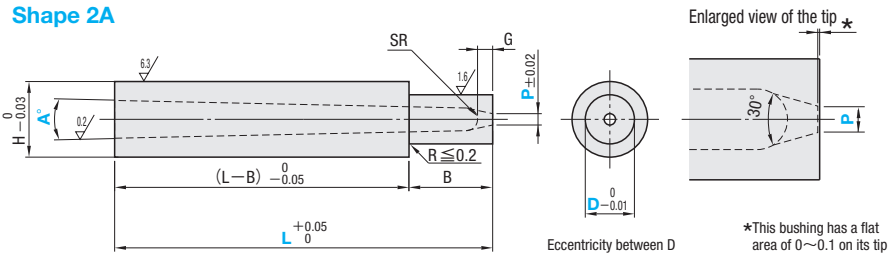

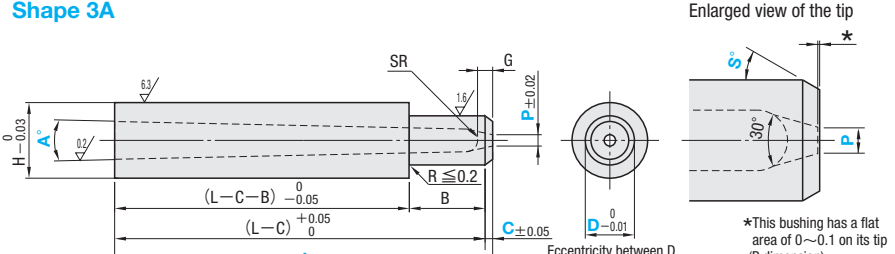

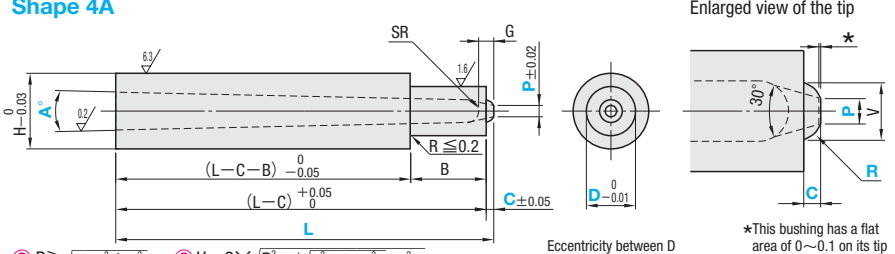

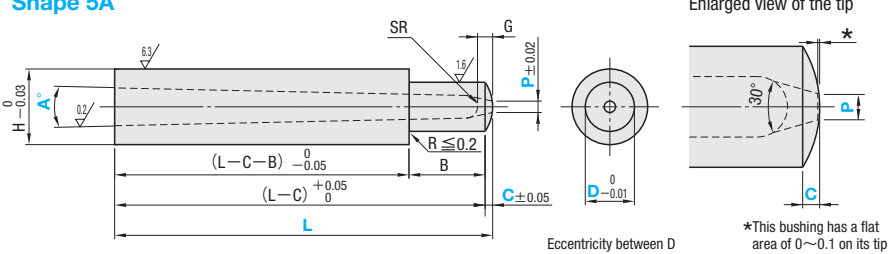




Ⓜ Non JIS material definition is listed on P.1351 - 1352

	<p>RoHS</p> <p>Shape 1A</p>	 <p>Enlarged view of the tip</p> <p>*This bushing has a flat area of 0~0.1 on its tip (P dimension).</p>
	<p>RoHS</p> <p>Shape 2A</p>	 <p>Enlarged view of the tip</p> <p>*This bushing has a flat area of 0~0.1 on its tip (P dimension).</p>
	<p>RoHS</p> <p>Shape 3A</p>	 <p>Enlarged view of the tip</p> <p>*This bushing has a flat area of 0~0.1 on its tip (P dimension).</p>
	<p>RoHS</p> <p>Shape 4A</p>	 <p>Enlarged view of the tip</p> <p>*This bushing has a flat area of 0~0.1 on its tip (P dimension).</p>
	<p>RoHS</p> <p>Shape 5A</p>	 <p>Enlarged view of the tip</p> <p>*This bushing has a flat area of 0~0.1 on its tip (P dimension).</p>

Please use the D dimension designation type PGED and PGKD (P.859), if D dimension is designated.

H	G	B	SR	Part Number		L 0.01mm increments	P	A°	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
3	0.7	3	0.60	PGEB (Standard type)	1A	2	6.00~20.00	0.3 0.4	1	0.2~0.4	1.3~1.9	0.4~0.8
4	1.0	4	0.75		2.5	8.00~25.00	0.3 0.4 0.5	0.2~0.5		1.5~2.4	0.6~1.0	
5	1.2	6	1.00		3	10.00~40.00	0.5 0.6 0.7 0.8 0.9 ^{(*)2}	0.3~0.8		2.0~2.9	1~45	0.8~1.5
6	1.25	1.25	1.25	4	0.8 0.9 1.0 1.2		2.5~3.9	1~2.0				
8	1.5	10	1.50	PGKB (High hardness type)	3A	5	15.00~80.00 ^{(*)1}	0.8 0.9 1.0	2	3.5~4.9	1.0~2.0	
9	1.5	1.25	1.50		4A	6		1.0		4.0~5.9	1~50	1.5~3.0
11	1.5	1.50	2.00		5A	8		1.2 1.4 1.5 ^{(*)3} 1.6 ^{(*)3} 1.8 ^{(*)5}		4.5~7.9	1~60	2.0~4.0
								1.2 1.4 1.5 ^{(*)3}		1.6 1.8 ^{(*)4} 2.0 ^{(*)5}		

(*1) PGKB will be available for maximum L demension as 60.

(*2) When P0.9(D3), G is 1.0.

(*3) When P1.5(D5 • D6 • D8) • P1.6(D6), G is 1.2.

(*4) When P1.8(D8), G is 1.1.

(*5) When P1.8(D6) • P2.0(D8), G is 0.8.

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

(*4)(*5) P1.8 • P2.0 are not available for PGKB.



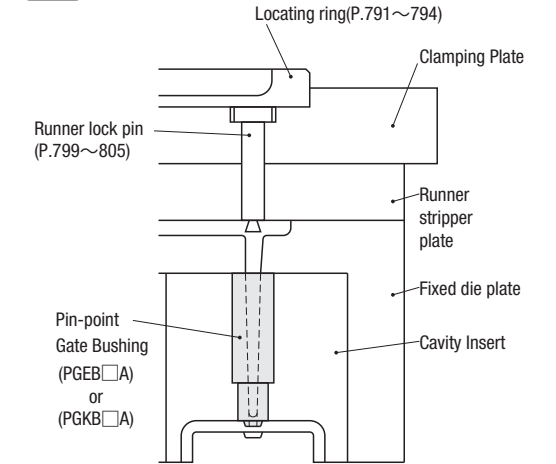
Part Number	L	P	A	C	V	S	R
PGEB1A4	20.01	P0.8	A2	C0.5	V3.0		
PGEB2A4	20.01	P0.8	A2				
PGEB3A4	20.01	P0.8	A2	C0.5	S30		
PGEB4A4	20.01	P0.8	A2	C0.5	R1.0		
PGEB5A4	20.01	P0.8	A2	C0.5			



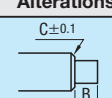
Days to Ship **Quotation**

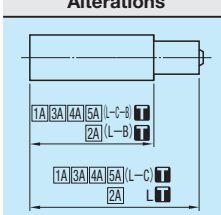


Price **Quotation**

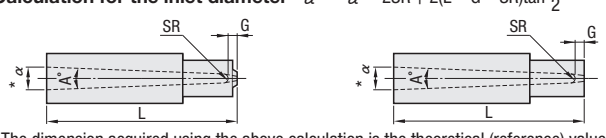


Part Number	L	P	A	C	V	S	R	(CC · LKC)
PGEB1A4	20.01	P0.8	A2	C0.5	V3.0			CC

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
	LKC	Changes the tolerances of the dimensions below. 1A (L-C-B) -0.05 ... 0 4A (L-C) +0.05 ... +0.02 2A (L-B) -0.05 ... -0.02 3A (L-C-B) 0 ... 0 5A (L-C) -0.05 ... 0	Quotation

• 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	Type	M	H
PGEB□A	Standard	Nickel alloy	(Inside) 55~60HRC depth: 0.5 (Outside) 40~45HRC
PGKB□A	High hardness		55~62HRC (The inner and outer surface have the same hardness)