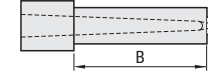


PIN-POINT GATE BUSHINGS INNER DIAMETER SR

—B DIMENSION DESIGNATION TYPE—

Inner diameter SR B dimension designation type



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

Shape 1A

Ⓜ (L-C-B) ≥ 3.0

Ⓜ 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

Ⓜ (L-B) ≥ 3.0

Ⓜ 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

Ⓜ (L-C-B) ≥ 3.0

Ⓜ 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

Ⓜ (L-C-B) ≥ 3.0

Ⓜ $R \geq \sqrt{(P/2)^2 + C^2}$

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

Ⓜ 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 5A

Ⓜ (L-C-B) ≥ 3.0

Ⓜ 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).

• Calculation for the inlet diameter *α *α = 2SR + 2(L-G-SR)tan(A°/2)

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

Part Number	M	H
PGW□A	V40 (Carbide Alloy)	87~88HRA (Converted score to Vickers hardness : 90HV)

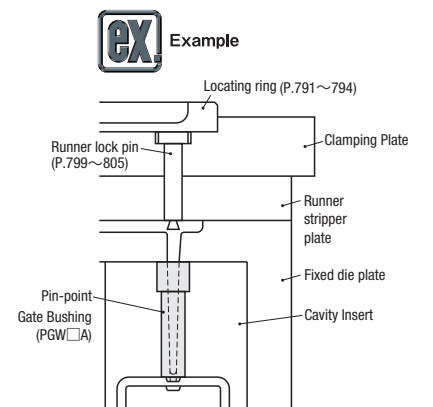
H	G	SR	Part Number		L 0.01mm increments	P	A°	K°	B 0.01mm increments	None for 2A	Shape 1A only	Shape 3A only	Shape 4A only								
			Type	Shape						C 0.1mm increments	V 0.1mm increments	S 1° increments	R 0.1mm increments								
3	0.7	0.60	PGW	1A	2	6.00~20.00	0.3 0.4 0.5 ^(*)	1	3.00~ 5.00	0.2~0.4	1.3~1.9		0.4~0.8								
														2	8.00~25.00	0.3 0.4 0.5 0.6 ^(**)	1	4.00~ 6.00	0.2~0.5	1.5~2.4	0.6~1.0
4	1.0	0.75	PGW	2A	4	8.00~25.00	0.6 0.7	1	5.00~30.00	0.3~0.8	1~45	0.8~1.5									
													2	15.00~40.00	0.8 0.9 1.0	1	5.00~20.00	2.5~3.9	1.0~2.0		
																				3	5.00~30.00
5	1.00	1.00	PGW	3A	5	15.00~40.00	0.8 0.9 1.0	1	5.00~30.00	0.5~1.5	1~50	1.5~3.0									
													2	5.00~20.00	1.0	1	5.00~30.00	4.0~5.9	1~50	1.5~3.0	
																					3
6	1.25	1.00	PGW	4A	6	15.00~40.00	1.2 1.3 1.4 1.5 ^(**)	1	5.00~30.00	0.5~1.5	1~60	2.0~4.0									
													2	5.00~20.00	1.0	1	5.00~30.00	4.0~5.9	1~50	1.5~3.0	
																					3
8	1.50	1.25	PGW	5A	8	15.00~40.00	1.2 1.3 1.4 1.5 ^(**)	1	5.00~30.00	0.5~1.5	1~60	2.0~4.0									
													2	5.00~20.00	1.0	1	5.00~30.00	4.0~5.9	1~50	1.5~3.0	
																					3
9	1.5	1.50	PGW	6A	8	15.00~40.00	1.2 1.3 1.4 1.5 ^(**)	1	5.00~30.00	0.5~1.5	1~60	2.0~4.0									
													2	5.00~20.00	1.0	1	5.00~30.00	4.0~5.9	1~50	1.5~3.0	
																					3
11	2.00	1.50	PGW	8A	8	15.00~40.00	1.2 1.3 1.4 1.5 ^(**)	1	5.00~30.00	0.5~1.5	1~60	2.0~4.0									
													2	5.00~20.00	1.0	1	5.00~30.00	4.0~5.9	1~50	1.5~3.0	
																					3

Order

Part Number	L	P	A	K	B	C	V	S	R
PGW1A4	20.01	P0.8	A2	K30	B15.00	C0.5	V3.0		
PGW2A4	20.01	P0.8	A2	K30	B15.00				
PGW3A4	20.01	P0.8	A2	K30	B15.00	C0.5	S30		
PGW4A4	20.01	P0.8	A2	K30	B15.00	C0.5	R1.0		
PGW5A4	20.01	P0.8	A2	K30	B15.00	C0.5			

Days to Ship **Quotation**

Price **Quotation**



Alterations

Part Number	L	P	A	K	B	C	V	S	R	(CC · CVC)
PGW1A4	20.01	P0.8	A2	K20	B15.00	C0.5	V3.0			CVC0.3

Alterations	Code	Spec.	1Code	Alterations	Code	Spec.	1Code
C±0.1	CC	C chamfering for inlay relief. D2 · 2.5 → C0.2 D3 · 4 → C0.3 D5~8 → C0.5	Quotation	CVC±0.05	CVC	C chamfering for inlay relief. CVC=0.1mm increments 0.2 ≤ CVC < (H-D)/2 - 0.1	Quotation