



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

RoHS

Shape 1A

Enlarged view of the tip

*This bushing has a flat area of 0~0.1 on its tip (P dimension).
Eccentricity between D and P is 0.05 or less.
Eccentricity between D and V is 0.05 or less.

RoHS

Shape 2A

Enlarged view of the tip

*This bushing has a flat area of 0~0.1 on its tip (P dimension).
Eccentricity between D and P is 0.05 or less.

RoHS

Shape 3A

Enlarged view of the tip

*This bushing has a flat area of 0~0.1 on its tip (P dimension).
Eccentricity between D and P is 0.05 or less.

RoHS

Shape 4A

Enlarged view of the tip

*This bushing has a flat area of 0~0.1 on its tip (P dimension).
Eccentricity between D and P is 0.05 or less.

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

RoHS

Shape 5A

Enlarged view of the tip

*This bushing has a flat area of 0~0.1 on its tip (P dimension).
Eccentricity between D and P is 0.05 or less.

• 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	Ⓜ	Ⓜ
PGET□A	Standard	Nickel alloy	(Inside) 55~60HRC depth: 0.5 (Outside) 40~45HRC
PGKT□A	High hardness		58~62HRC (The inner and outer surface have the same hardness)

H	D2	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				D	C 0.1mm increments	V 0.1mm increments	S° 1° increments
6	3	0.7	3	0.60	PGET (Standard type)	1A	2	10.00~20.00	1	0.2~0.4	1.3~1.9	1~45	0.4~0.8
7	4	1.0	4	0.75		2A	2.5	10.00~25.00		0.2~0.5	1.5~2.4		0.6~1.0
8	5	1.2	6	1.00	PGKT (High hardness type)	3A	3	15.00~40.00	2	0.5 0.6 0.7 0.8 0.9 ^(*)	2.0~2.9	1~45	0.8~1.5
9	6			1.25		4A	4	0.6 0.7		2.5~3.9	0.8 0.9 1.0 1.2		
11	8	1.5	10	1.25	PGKT (High hardness type)	5A	5	20.00~60.00	3	0.8 0.9 1.0	3.5~4.9	1~50	1.0~2.0
12	9			1.50		6A	6			1.0	4.0~5.9		1.2 1.4 1.5 ^(*)
14	11	1.50	2.00	1.50	PGKT (High hardness type)	8	2.00	20.00~60.00	3	1.2 1.4 1.5 ^(*)	4.5~7.9	1~60	2.0~4.0
		2.00		1.6						2.0~4.0			

Ⓜ For shape 4A, $R \geq \sqrt{(P/2)^2 + C^2}$ Ⓜ (*1) When P0.9(D3), G is 1.0. (*2) When P1.5(D5 • D6 • D8) • P1.6(D6), G is 1.2.

Order **Part Number** - L - P - A - C V S R

PGET1A4 - 35.01 - P0.8 - A2 - C0.5 - V3.0

PGET2A4 - 35.01 - P0.8 - A2 - C0.5 - S30

PGET3A4 - 35.01 - P0.8 - A2 - C0.5 - S30

PGET4A4 - 35.01 - P0.8 - A2 - C0.5 - R1.0

PGET5A4 - 35.01 - P0.8 - A2 - 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 - C V S R - (CC • LKC)

PGKT1A4 - 35.01 - 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.	Quotation
	1A	4 -0.05 ... 0	Quotation
	4A	(L-C) +0.05 ... +0.02	
	2A	4 -0.05 ... -0.02	
	L	+0.05 ... +0.02	
	3A	4 0 ... 0	
	5A	Ⓜ The tolerance of L-C remains +0.05 unchanged.	
		Ⓜ When 1A~5A, the tolerances of L-C-B and L-B remain -0.1 unchanged.	

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Components of Gate

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