

Expanded Series

Oilless Bushing (KPW)

Washer Type

● Order No. Example

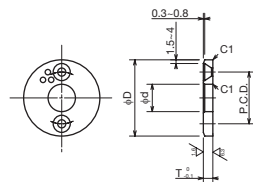
KPW 06 03

Type Inner Diameter d Thickness t

Oilless Bushing No.

An oilless sliding bearing which shows its great effectiveness in places which are difficult to oil, or where the lubricating effect cannot be maintained. With a high-strength brass base and embedded solid lubricant, it is an oilless type which can be used in places with a high load.

KPW



Oilless Bushing/Washer Type
KPW Series

Meeting all of your size requirements.

Type	Inner Diameter d	Thickness T	Outer Diameter D	PCD	Countersunk Bolt	Weight g	¥	
KPW	06	03	25	15	M3	10		
	08		28	18				
	10		30	20				
	12		40	28				
	13		40	28				
	14	03	50	35	M3	20		
	15							
	16							
	18							
	20	05				M5	50	
	25	05	55	40	M5	60		
	30		60	45		70		
	35		70	50		90		
	40	07	80	60	M6	160		
	45		90	67.5		210		
	50	08	100	75	M6	290		
	60		120	90		420		
80	150		120	M8		790		

φd	Inner Diameter Tolerance	No. of Screw Holes
~45	+0.4 +0.3	2
50~	+0.6 +0.4	4



Order Method

Oilless Bushing No. and Quantity



Precautions

* Since we also manufacture sizes other than those in the catalog upon request, please contact our sales offices for details.



Postage

3-day shipping

* Single order system available

Expanded Series

Oilless Bushing (KPG)

Straight Type

● Order No. Example

KPG 06 10

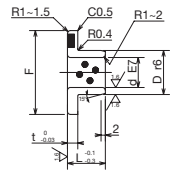
Type Inner Diameter d Total Length L

Oilless Bushing No.

An oilless sliding bearing which shows its great effectiveness in places which are difficult to oil, or where the lubricating effect cannot be maintained.

With a high-strength brass base and embedded solid lubricant, it is an oilless type which can be used in places with a high load.

KPG



Oilless Bushing/Thrust Type
KPG Series

Meeting all of your size requirements.

Type	Inner Diameter d	Total Length L	Outer Diameter D	Flange Diameter F	Flange Thickness t	Weight g	¥
KPG	06	10	18	22	3	10	
		12					
	08	12	14	25	3	10	
		15					
	10	12	16	25	3	10	
		15				20	
		20					
	12	12	18	30	3	20	
		15				30	
		20				30	
	13	12	19	30	3	20	
		15				30	
		20				30	
		25				30	
	15	12	21	35	3	20	
		15				30	
		20				40	
		25				20	
16	12	22	35	3	20		
	15				30		
	20				40		
	25				40		

Inner Diameter d	Total Length L	Outer Diameter D	Flange Diameter F	Flange Thickness t	Weight g	¥
18	14	24	40	3	30	
	20				40	
	25				50	
20	14	28	45	5	60	
	20				70	
	25				80	
25	14	33	50	5	70	
	20				80	
	25				90	
30	20	38	55	5	90	
	25				110	
	35				130	
35	20	44	65	5	130	
	25				140	
	35				180	
40	25	50	70	7	190	
	35				240	
	45				280	
50	35	62	90	8	400	
	45				460	

Inner Diameter d E7	Outer Diameter D r6
6	+0.032 +0.020
8 - 10	+0.040 +0.025
12 - 18	+0.050 +0.032
20 - 30	+0.061 +0.040
35 - 50	+0.075 +0.050



Oilless Bushing No. and Quantity



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3-day shipping

* Single order system available

Expanded Series

Oilless Bushing (KPS) RoHS Straight Type (with mounting hole)

● Order No. Example

KPS 06 10

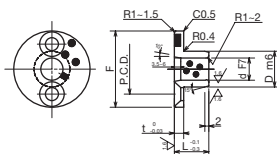
Type	Inner Diameter d	Total Length L
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Oilless Bushing No.

An oilless sliding bearing which shows its great effectiveness in places which are difficult to oil, or where the lubricating effect cannot be maintained.

With a high-strength brass base and embedded solid lubricant, it is an oilless type which can be used in places with a high load.

KPS



Oilless Bushing/Thrust Type (with Mounting Hole)
KPS Series

Meeting all of your size requirements.

Type	Inner Diameter d	Total Length L	Outer Diameter D	Flange Diameter F	PCD	Countersunk Bolt	Flange Thickness t	Weight g	¥
KPS	06	10	10	25	15	M3	3	10	
		12							
	08	12	12	28	18	M3	3	10	
		15							20
	10	12	14	30	20	M3	3	20	
		15							
		20							
	12	12	18	40	28	M3	3	30	
		15							40
		20							
	15	15	21	50	35	M3	3	50	
		20							
	16	15	22	50	35	M3	3	50	
		20							60
		25							
	18	20	24	50	35	M3	3	50	
		25							60
	20	20	28	50	35	M5	5	80	
		25							90
		25							
25	20	33	55	40	M5	5	90		
	25							100	
30	20	38	60	45	M5	5	110		
	25				M5			120	

Inner Diameter d F7		Outer Diameter D m6	
6	+0.022 +0.010	10	+0.015 +0.006
8 - 10	+0.028 +0.013	12 - 18	+0.018 +0.007
12 - 18	+0.034 +0.016	21 - 28	+0.021 +0.008
20 - 30	+0.041 +0.020	33 - 38	+0.025 +0.009



Order Method

Oilless Bushing No. and Quantity



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Postage

3-day shipping

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