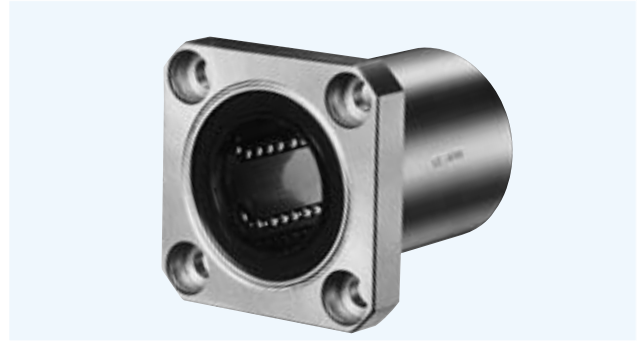


# SMK TYPE

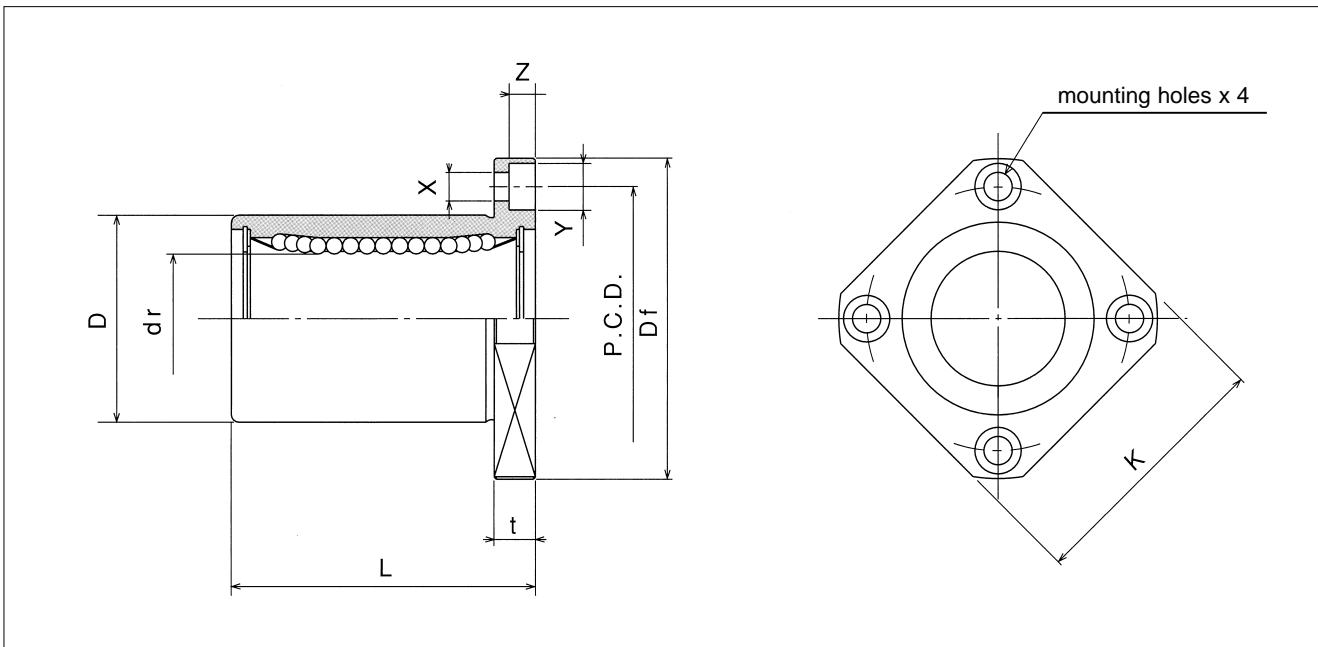
## – Square Flange Type –

This type is a metric dimension series widely used in Japan and other countries.



part number structure											
example	<b>SMSK</b> <b>25</b> <b>G</b> <b>UU</b> - <b>SK</b>										
specification	<table border="1"> <tr> <td>SMK</td> <td>standard</td> </tr> <tr> <td>SMSK</td> <td>anticorrosion</td> </tr> </table>	SMK	standard	SMSK	anticorrosion						
SMK	standard										
SMSK	anticorrosion										
inner contact diameter											
retainer material	<table border="1"> <tr> <td>blank</td> <td>steel</td> </tr> <tr> <td>G</td> <td>resin</td> </tr> </table>	blank	steel	G	resin						
blank	steel										
G	resin										
outer cylinder surface treatment	<table border="1"> <tr> <td>blank</td> <td>no surface treatment</td> </tr> <tr> <td>SK</td> <td>electroless nickel plating</td> </tr> <tr> <td>RD</td> <td>Raydent treatment</td> </tr> <tr> <td>SB</td> <td>black oxide*</td> </tr> <tr> <td>SC</td> <td>industrial chrome plating</td> </tr> </table>	blank	no surface treatment	SK	electroless nickel plating	RD	Raydent treatment	SB	black oxide*	SC	industrial chrome plating
blank	no surface treatment										
SK	electroless nickel plating										
RD	Raydent treatment										
SB	black oxide*										
SC	industrial chrome plating										
*not available in SMSK type											
seal	<table border="1"> <tr> <td>blank</td> <td>without seal</td> </tr> <tr> <td>UU</td> <td>seals on both sides</td> </tr> </table>	blank	without seal	UU	seals on both sides						
blank	without seal										
UU	seals on both sides										

part number				dr		D		L	
standard		anticorrosion		mm	tolerance μm	mm	tolerance μm	±0.3 mm	
steel retainer	resin retainer	stainless retainer	resin retainer						
<b>SMK 6</b>	<b>SMK 6G</b>	<b>SMSK 6</b>	<b>SMSK 6G</b>	6	0 - 9	12	0 - 13	19	
<b>SMK 8s</b>	<b>SMK8sG</b>	<b>SMSK8s</b>	<b>SMSK8sG</b>	8		15		17	
<b>SMK 8</b>	<b>SMK 8G</b>	<b>SMSK 8</b>	<b>SMSK 8G</b>	8		15	24		
<b>SMK 10</b>	<b>SMK10G</b>	<b>SMSK10</b>	<b>SMSK10G</b>	10		19	29		
<b>SMK 12</b>	<b>SMK12G</b>	<b>SMSK12</b>	<b>SMSK12G</b>	12		21	0 - 16	30	
<b>SMK 13</b>	<b>SMK13G</b>	<b>SMSK13</b>	<b>SMSK13G</b>	13		23	32		
<b>SMK 16</b>	<b>SMK16G</b>	<b>SMSK16</b>	<b>SMSK16G</b>	16		28	37		
<b>SMK 20</b>	<b>SMK20G</b>	<b>SMSK20</b>	<b>SMSK20G</b>	20		0 - 10	32	0	42
<b>SMK 25</b>	<b>SMK25G</b>	<b>SMSK25</b>	<b>SMSK25G</b>	25		40	59		
<b>SMK 30</b>	<b>SMK30G</b>	<b>SMSK30</b>	<b>SMSK30G</b>	30		45	- 19	64	
<b>SMK 35</b>	<b>SMK35G</b>	<b>SMSK35</b>	<b>SMSK35G</b>	35	0 - 12	52	0	70	
<b>SMK 40</b>	<b>SMK40G</b>	<b>SMSK40</b>	<b>SMSK40G</b>	40	60	0 - 22	80		
<b>SMK 50</b>	<b>SMK50G</b>	<b>SMSK50</b>	<b>SMSK50G</b>	50	80	100			
<b>SMK 60</b>	<b>SMK60G</b>	<b>SMSK60</b>	<b>SMSK60G</b>	60	0	90	0	110	
<b>SMK 80</b>	—	—	—	80	- 15	120	- 25	140	
<b>SMK100</b>	—	—	—	100	0/- 20	150	0/- 29	175	



major dimensions					eccentricity	perpendicularity	basic load rating		mass	shaft diameter
flange							dynamic	static		
Df	K	t	P.C.D.	X×Y×Z	μm	μm			C	Co
mm	mm	mm	mm	mm			N	N		
28	22	5	20	3.5×6×3.1	12	12	206	265	18	6
32	25	5	24	3.5×6×3.1			176	216	24	8
32	25	5	24	3.5×6×3.1			274	392	29	8
40	30	6	29	4.5×7.5×4.1			372	549	52	10
42	32	6	32	4.5×7.5×4.1			510	784	57	12
43	34	6	33	4.5×7.5×4.1			510	784	72	13
48	37	6	38	4.5×7.5×4.1	15	15	774	1,180	104	16
54	42	8	43	5.5×9×5.1			882	1,370	145	20
62	50	8	51	5.5×9×5.1			980	1,570	300	25
74	58	10	60	6.6×11×6.1	20	20	1,570	2,740	375	30
82	64	10	67	6.6×11×6.1			1,670	3,140	560	35
96	75	13	78	9×14×8.1	25	25	2,160	4,020	880	40
116	92	13	98	9×14×8.1			3,820	7,940	2,000	50
134	106	18	112	11×17×11.1	30	30	4,700	10,000	2,560	60
164	136	18	142	11×17×11.1			7,350	16,000	5,300	80
200	170	20	175	14×20×13.1			14,100	34,800	9,900	100

1N≐0.102kgf