

# SGF

## Oiles 500SP Flange Guide Bushings



Selection Guide

Product Information

Plastic Bearing

Multi-layer Bearing

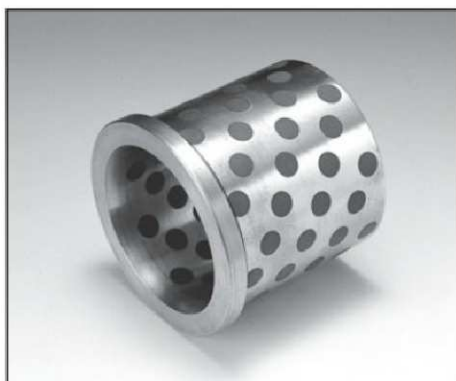
Metallic Bearing

Air Bearings

Slide Shifter

Technical Information

Corporate Profile



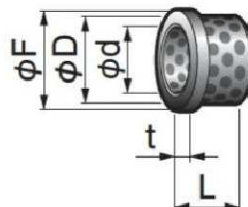
Specify Part No. by required I.D., O.D. and Length.  
 (e.g.) I.D. is 65mm, O.D. is 80mm, and length is 80mm.

### SGF - 658080 Parts No.

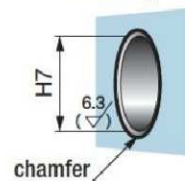
Motion direction



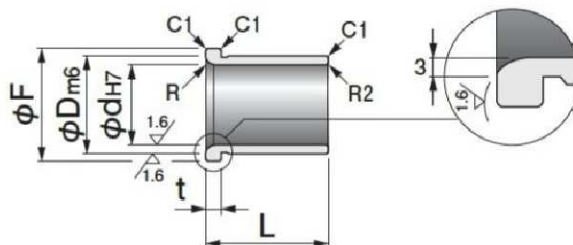
Flange bushing



Housing



- Applicable to rotation, oscillation, and reciprocating motion.
- It is recommended to use a set screw to prevent dislocation.



Parts No.	I.D.		O.D.		Flange		Length		R
	φd	Tolerance	φD	Tolerance	φF	t	L	Tolerance	
<b>SGF-253540</b>	25	$^{+0.021}_0$	35	$^{+0.025}_{+0.009}$	45	7	40	$^0_{-0.3}$	10
<b>SGF-304050</b>	30	$^{+0.021}_0$	40	$^{+0.025}_{+0.009}$	50	10	50	$^0_{-0.3}$	20
<b>SGF-405570</b>	40	$^{+0.025}_0$	55	$^{+0.030}_{+0.011}$	65	10	70	$^0_{-0.3}$	20
<b>SGF-506580</b>	50	$^{+0.025}_0$	65	$^{+0.030}_{+0.011}$	75	10	80	$^0_{-0.3}$	20
<b>SGF-607580</b>	60	$^{+0.030}_0$	75	$^{+0.030}_{+0.011}$	85	10	80	$^0_{-0.3}$	20
<b>SGF-658080</b>	65	$^{+0.030}_0$	80	$^{+0.030}_{+0.011}$	90	10	80	$^0_{-0.3}$	20
<b>SGF-6580120</b>	65	$^{+0.030}_0$	80	$^{+0.030}_{+0.011}$	90	10	120	$^0_{-0.3}$	20
<b>SGF-80100100</b>	80	$^{+0.030}_0$	100	$^{+0.035}_{+0.013}$	110	10	100	$^0_{-0.3}$	20
<b>SGF-80100140</b>	80	$^{+0.030}_0$	100	$^{+0.035}_{+0.013}$	110	10	140	$^0_{-0.3}$	20
<b>SGF-100120100</b>	100	$^{+0.035}_0$	120	$^{+0.035}_{+0.013}$	130	10	100	$^0_{-0.3}$	20
<b>SGF-100120140</b>	100	$^{+0.035}_0$	120	$^{+0.035}_{+0.013}$	130	10	140	$^0_{-0.3}$	20

▲ The dimensional tolerances are the values measured at +25°C.