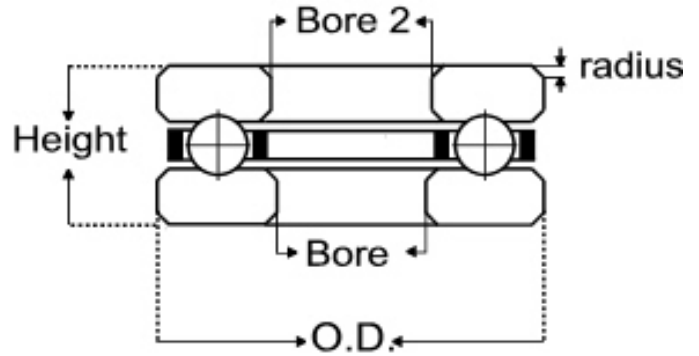




Miniature Thrust Bearings

*Metric series for shaft sizes from 3mm to 10mm
 Chrome steel/brass (stainless steel made to order)*

Miniature thrust bearings can withstand axial or thrust loads only. There are separate types of miniature thrust bearing with either flat washers or washers incorporating a groove or raceway for heavier loads. The grooved type have one washer with a slightly larger bore to allow it to locate in the housing while the other washer has a smaller OD to locate on the shaft.



Thrust bearings with Flat Washers

Bore	Bore2	O.D.	r.min.	Height	SMB Ref.	Max load kgf	
						Dyn	Stat
Dimensions in mm.							
3	3	8	0.10	3.5	F3-8	17	14
4	4	10	0.15	4.5	F4-10	27	24
5	5	11	0.15	4.5	F5-11	28	28
6	6	12	0.2	4.5	F6-12	27	28
7	7	15	0.2	5	F7-15	56	55
8	8	16	0.2	5	F8-16	60	63
9	9	17	0.2	5	F9-17	44	54
10	10	18	0.2	5.5	F10-18	62	71



Miniature Thrust Bearings

Metric series for shaft sizes from 3mm to 10mm

Chrome steel/brass (stainless steel made to order)



Thrust bearings with Grooved Washers

Bore	Bore2	O.D.	r.min.	Height	SMB Ref.	Max load kgf		RPM x1000
						Dyn	Stat	
Dimensions in mm.								
3	3.2	8	0.15	3.5	F3-8G	99	59	28
4	4.2	9	0.15	4	F4-9G	94	64	25
	4.2	10	0.15	4	F4-10G	92	66	24
5	5.2	10	0.2	4	F5-10G	108	92	23
	5.2	12	0.2	4	F5-12G	105	94	22
6	6.2	12	0.2	4.5	F6-12G	181	158	20
	6.2	13	0.2	5	F6-13G	190	165	19
	6.2	14	0.2	5	F6-14G	215	170	18
7	7.2	13	0.2	4.5	F7-13G	176	164	20
	7.2	17	0.3	6	F7-17G	308	267	15
8	8.2	16	0.3	5	F8-16G	391	339	17
	8.2	19	0.3	7	F8-19G	393	347	13
9	9.2	20	0.3	7	F9-20G	385	357	13
10	10.2	18	0.3	5.5	F10-18G	247	272	15