

Spherical Bushing Set

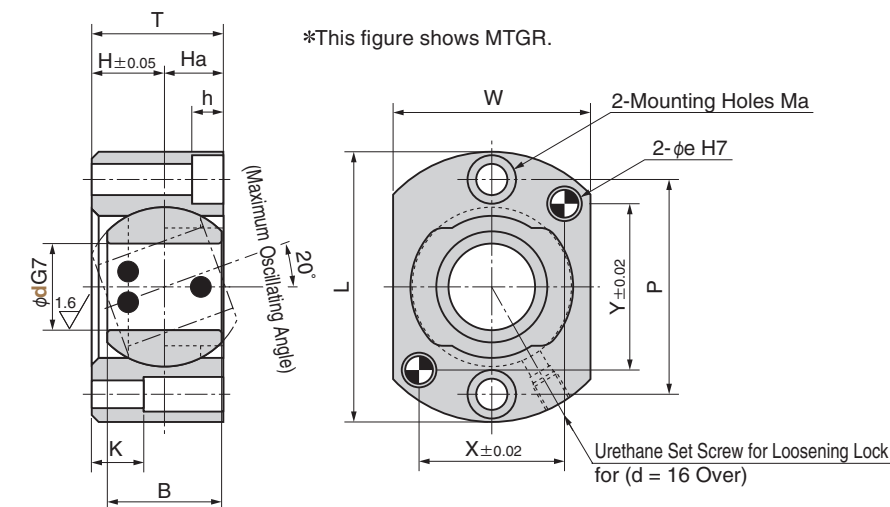
Copper Alloy
Spherical Type
SO#50SP2



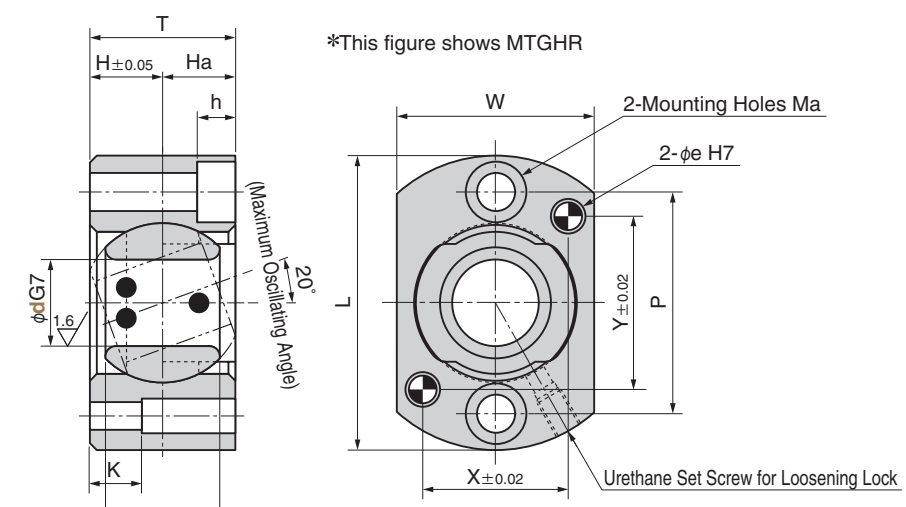
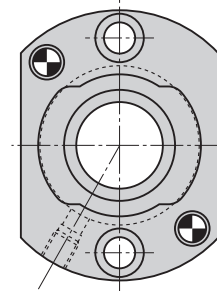
Standard Type
MTGL (Left Handed)
MTGR (Right Handed)



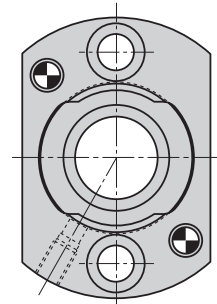
Strong Type
MTGHL (Left Handed)
MTGHR (Right Handed)



■ MTGL



■ MTGHL



● Sliding Direction
↔

● Recommended mating post tolerance g6 Inner ring Copper alloy (SO-2)
Solid lubricant (GR-1)
Case S45C Tempered

● Sliding Direction
↔

● Recommended mating post tolerance g6 Inner ring Copper alloy (SO-2)
Solid lubricant (GR-1)
Case S45C Tempered

L	W	T	H	Ha	B	S	Mounting Holes			Dowel Pin Hole				Catalog No.	d
							Ma	P	h	e	X	Y	K		
44	28	17	9	8	14	19	M5	32		5	20	28	9	MTGL MTGR	8
46	30	20	11	9	16	22		34	6		22		10		10
50	32	22	12	10	18	24		36			22	30	12		12
58	45	29	16	13	25	34	M6	45	7	6	30	35			16
65	50	33	18	15	28	39		52			35	40	15		20
78	57	38	21	17	33	46		62	9		40	50			25
86	65	43	24	19	37	54	M8	70		8	48	55			30

⚠ Urethane Stopper is attached for d=16 over

Accessory

d	Hexagonal Socket Head Bolt	Dowel
8	M5×20	φ5×20
10	M5×25	
12	M6×25	
16	M6×35	φ6×25
20	M6×40	
25	M8×45	φ8×30
30	M8×50	

Order **Catalog No.** **MTGR** **d** **16**

Allowable Load

(Unit : kN)

d	MTGL/R		MTGHL/R	
	Thrust Load	Radial Load	Thrust Load	Radial Load
8	0.5	4.9		
10	0.6	6.1		
12	0.7	8.4		
16	1.6	15.4		
20	2.0	18.6		
25	2.9	31.3	2.9	31.3
30	3.8	33.1	3.8	33.1
35			4.4	33.1
40			4.8	33.1
50			7.0	51.7

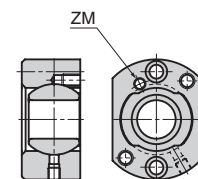
L	W	T	H	Ha	B	S	Mounting Holes			Dowel Pin Hole				Catalog No.	d
							Ma	P	h	e	X	Y	K		
85	57	42	21		33	46	M10	64	11	8	42	50		MTGHL MTGHR	25
94	65	48	24		37	54		72	13		48	55	15		30
98	72	54	27		40	60		78			52	60			35
106	77	58	29		44	65		84	12		55	65			40
124	88	66	33		48	76		102	18		65	78	20		50

Accessory

d	Hexagonal Socket Head Bolt	Dowel
25	M10×45	
30	M10×55	φ8×30
35	M10×60	
40	M10×65	
50	M12×65	φ10×40

Option

Option Code	Specification
ZM	Position of Urethane Stopper is on the front face as per right sketch. (For d ≥ 16)



Order **Catalog No.** **MTGHL** **d** **30**

Order **MTGR 25- ZM**