

Micrometer Head Mounting Fixtures

- Manufacturing brackets to mount micrometer heads for each particular application can be laborious and costly. Mitutoyo offers various types of fixtures for

micrometer heads to meet a wide range of applications. These fixtures are made of nickel-plated cast iron.



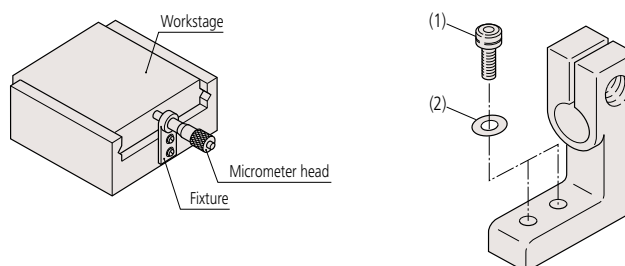
SPECIFICATIONS

Mounting hole size

Micrometer Head	Fixtures (Order No.)	Mounting hole size
148 Series	303560, 303562, 303564, 303566 303559, 303561, 303563, 303565	ø9.5×9.5 long for plain stem or stem locknut type micrometer heads
149 Series	303569, 303571, 303573, 303575 303568, 303570, 303572, 303574	ø9.5×15 long for plain stem or stem locknut type micrometer heads
150 Series	303579, 303581, 303583, 303585 303578, 303580, 303582, 303584	ø10×15 long for plain stem or stem locknut type micrometer heads

Note 1: Supplied with a socket head screw (M3×0.5×12) for fixtures to be used with a micrometer head without stem locknut (plain stem type micrometer head).

Note 2: Refer to page B-129 for details of the recommended maximum loading limit.



SPECIFICATIONS

Recommended socket head screws for the fixtures

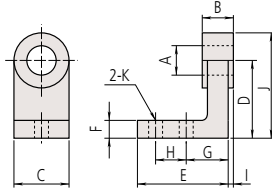
Fixtures (Order No.)	Socket head screw (1)	Washer (2)
303559, 303560, 303561, 303562, 303563, 303564 303565, 303566	M3×0.5×8 M3×0.5×12	Small, Nominal dia.: 3 Small, Nominal dia.: 3
303568, 303569, 303570, 303571, 303572, 303573 303578, 303579, 303580, 303581, 303582, 303583	M4×0.7×10	Small, Nominal dia.: 4
303574, 303575 303584, 303585	M4×0.7×12	Small, Nominal dia.: 4

Note: Refer to page B-129 for details of the recommended maximum loading limit.

Micrometer Head

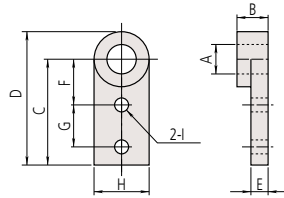
Micrometer Heads Mounting Fixtures

Fixtures for micrometer heads with stem locknut



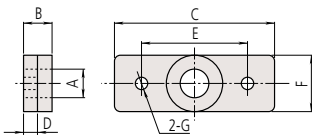
(Unit: mm)

Order No.	A	B	C	D	E	F	G	H	I	J	K
303559	ø9.5	6	15	20	24	5	11	8	0.5	27.5	ø3.4
303568		11.5	20	30	35	7	16	12	1.75	40	ø4.5
303578		ø10									



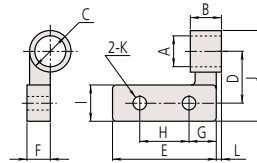
(Unit: mm)

Order No.	A	B	C	D	E	F	G	H	I
303563	ø9.5	6	30	37.5	4.5	15	10	15	ø3.4
303572		11.5	40	50	6.5	18	15	20	ø4.5
303582		ø10							



(Unit: mm)

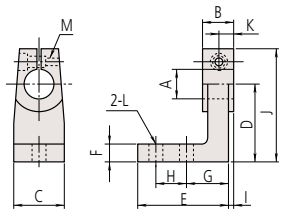
Order No.	A	B	C	D	E	F	G
303561	ø9.5	6	40	3.5	30	15	ø3.4
303570		11.5	60	5.5	40	20	ø4.5
303580		ø10					



(Unit: mm)

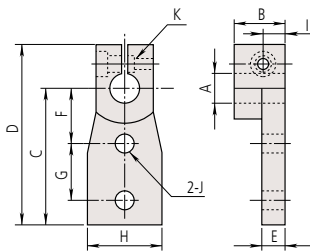
Order No.	A	B	C	D	E	F	G	H	I	J	K	L	
303565	ø9.5	6	ø15	15	25	7.5	10	10	27.5	ø3.4	0.75		
303574		11.5		20	40	8.5	10	20	15	35	ø4.5	1.25	
303584		ø10											

Fixtures for plain stem type micrometer heads



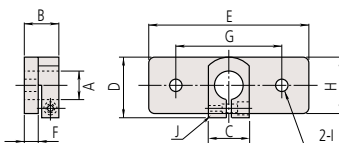
(Unit: mm)

Order No.	A	B	C	D	E	F	G	H	I	J	K	L	M
303560	ø9.5	9	15	20	23	5	11	8	1.5	3.25	4.5	ø3.4	M3x 0.5
303569		14.5	20	30	35	7	16	12	3.25	4.25	7.25	ø4.5	
303579		ø10											



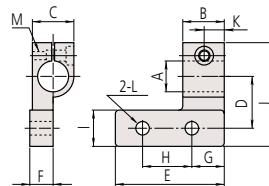
(Unit: mm)

Order No.	A	B	C	D	E	F	G	H	I	J	K
303564	ø9.5	9	30	42.5	4	15	10	15	4.5	ø3.4	M3x 0.5
303573		14.5	40	52.5	6	18	15	20	7.25	ø4.5	
303583		ø10									



(Unit: mm)

Order No.	A	B	C	D	E	F	G	H	I	J
303562	ø9.5	9	15	20	40	3	30	15	ø3.4	M3x 0.5
303571		14.5		60	5	40	20	ø4.5		
303581		ø10								



(Unit: mm)

Order No.	A	B	C	D	E	F	G	H	I	J	K	L	M	
303566	ø9.5	9	15	25	7.5	10	10	32.5	4.5	ø3.4	M3x 0.5			
303575		14.5	15	20	40	8.5	10	20	15	40		7.25	ø4.5	
303585		ø10												