

# Series MY1B

## Floating Bracket

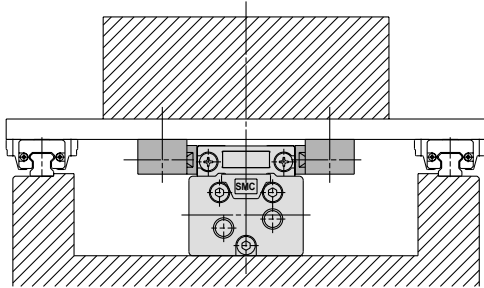


Facilitates connection to other guide systems.

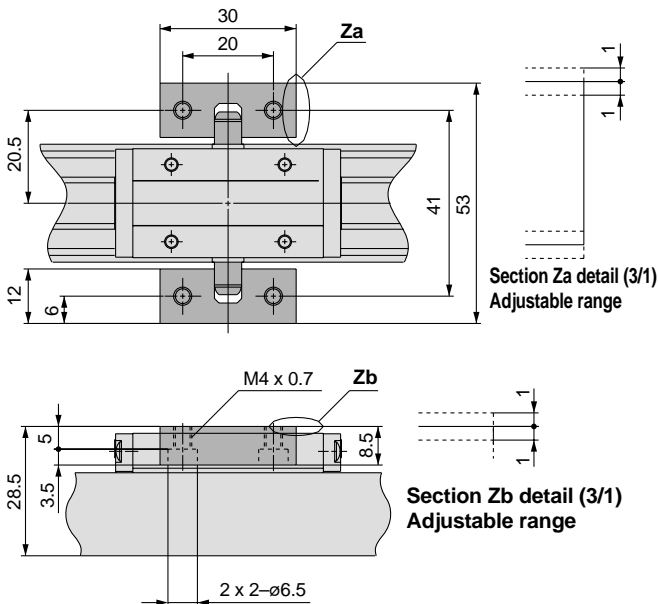
Applicable bore size

**ø10**

### Application example



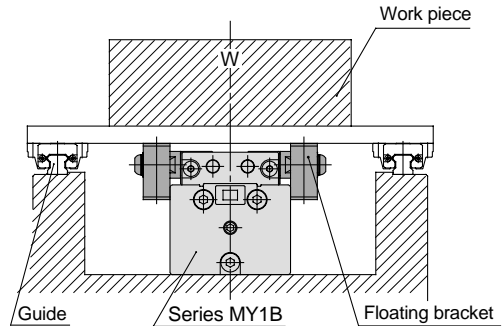
### Mounting example



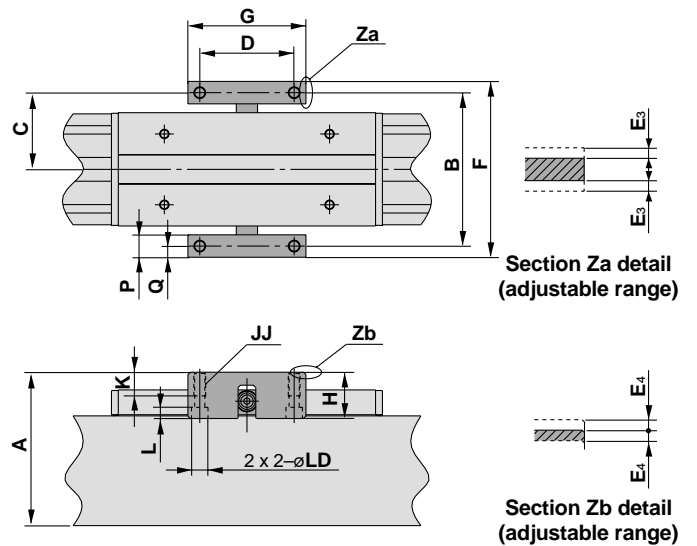
Applicable bore size

**ø16, ø20**

### Application example



### Mounting example

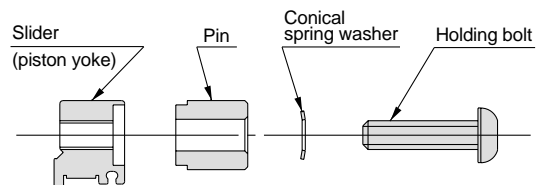


Model	Applicable cylinder	A	B	C	D	F	G	H
MY-J16	MY1B16□	45	45	22.5	30	52	38	18
MY-J20	MY1B20□	55	52	26	35	59	50	21

Model	Applicable cylinder	JJ	K	L	P	Q	E <sub>3</sub>	E <sub>4</sub>	LD
MY-J16	MY1B16□	M4 x 0.7	10	4	7	3.5	1	1	6
MY-J20	MY1B20□	M4 x 0.7	10	4	7	3.5	1	1	6

### Installation of holding bolts



### Holding bolt tightening torque

Unit: N·m

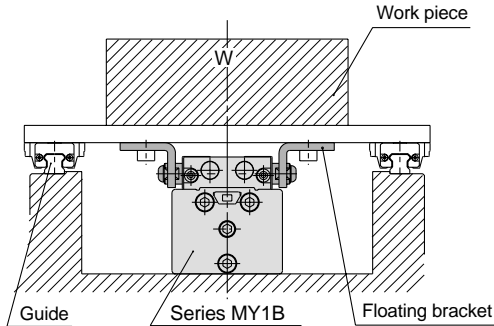
Model	Tightening torque	Model	Tightening torque	Model	Tightening torque
MY-J10	0.6	MY-J25	3	MY-J50	5
MY-J16	1.5	MY-J32	5	MY-J63	13
MY-J20	1.5	MY-J40	5		



Applicable bore size

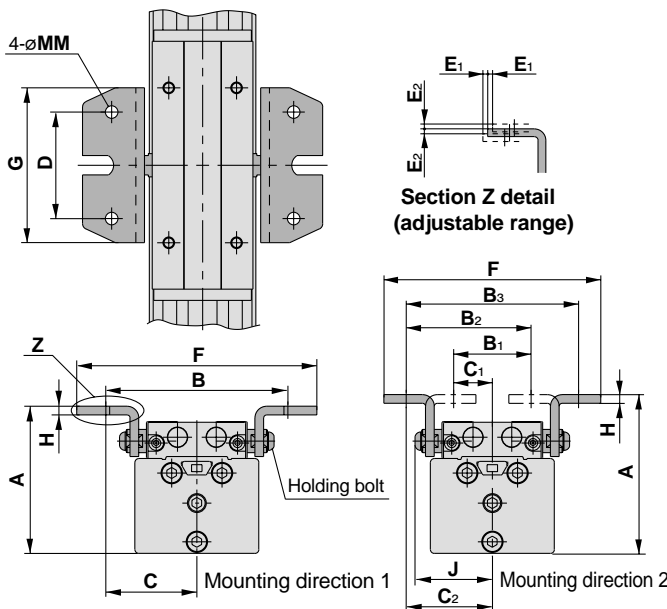
**ø25, ø32, ø40**

**Application example**



**Mounting example**

One set of brackets can be mounted in two directions for compact combinations.



Model	Applicable cylinder	Common					Mounting direction 1			
		D	G	H	J	MM	A	B	C	F
MY-J25	MY1B25□	40	60	3.2	35	5.5	63	78	39	100
MY-J32	MY1B32□	55	80	4.5	40	6.5	76	94	47	124
MY-J40	MY1B40□	74	100	4.5	47	6.5	92	112	56	144

Model	Applicable cylinder	Mounting direction 2							Adjustable range	
		A	B <sub>1</sub>	B <sub>2</sub>	B <sub>3</sub>	C <sub>1</sub>	C <sub>2</sub>	F	E <sub>1</sub>	E <sub>2</sub>
MY-J25	MY1B25□	65	28	53	78	14	39	96	1	1
MY-J32	MY1B32□	82	40	64	88	20	44	111	1	1
MY-J40	MY1B40□	98	44	76	108	22	54	131	1	1

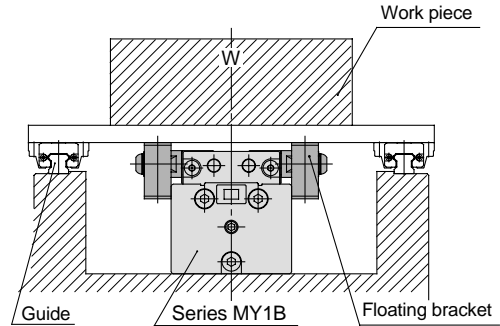
Note) One set of floating brackets consists of one right piece and one left piece.

- MY-J16 — SMY1B16, #4 (#1 + #4 + #7)
- MY-J20 — SMY1B20, #6 (#1 + #6 + #9)
- For ø25 to ø40
- Mounting direction 1
- MY-J  — SMY1B , #6 (#1 + #6 + #10)
- Mounting direction 2
- MY-J  — SMY1B , #7 (#1 + #7 + #10)

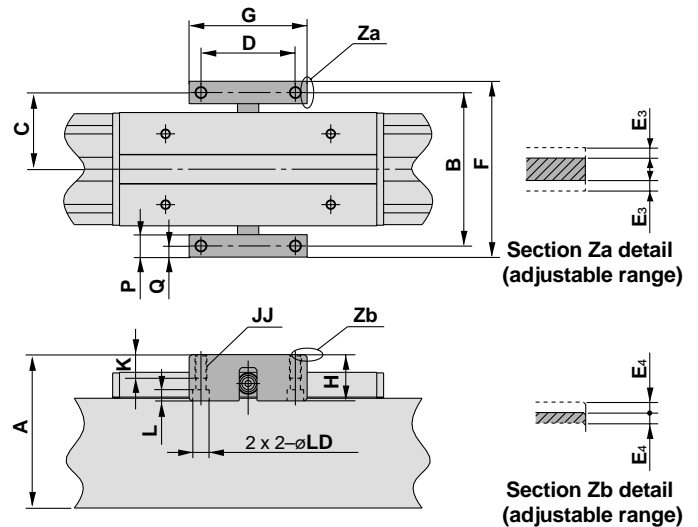
Applicable bore size

**ø50, ø63**

**Application example**



**Mounting example**



Model	Applicable cylinder	A	B	C	D	F	G	H
MY-J50	MY1B50□	110	110	55	70	126	90	37
MY-J63	MY1B63□	131	130	65	80	149	100	37

Model	Applicable cylinder	JJ	K	L	P	Q	E <sub>3</sub>	E <sub>4</sub>	LD
MY-J50	MY1B50□	M8 to 1.25	20	7.5	16	8	2.5	2.5	11
MY-J63	MY1B63□	M10 to 1.5	20	9.5	19	9.5	2.5	2.5	14

MY-J  (Bore size) — SMY1B  (Bore size), #3 (#1 + #3 + #6)

# Series MY1B



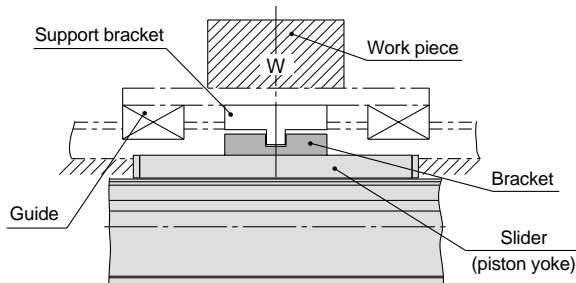
## Floating Bracket

Facilitates connection to other guide systems.

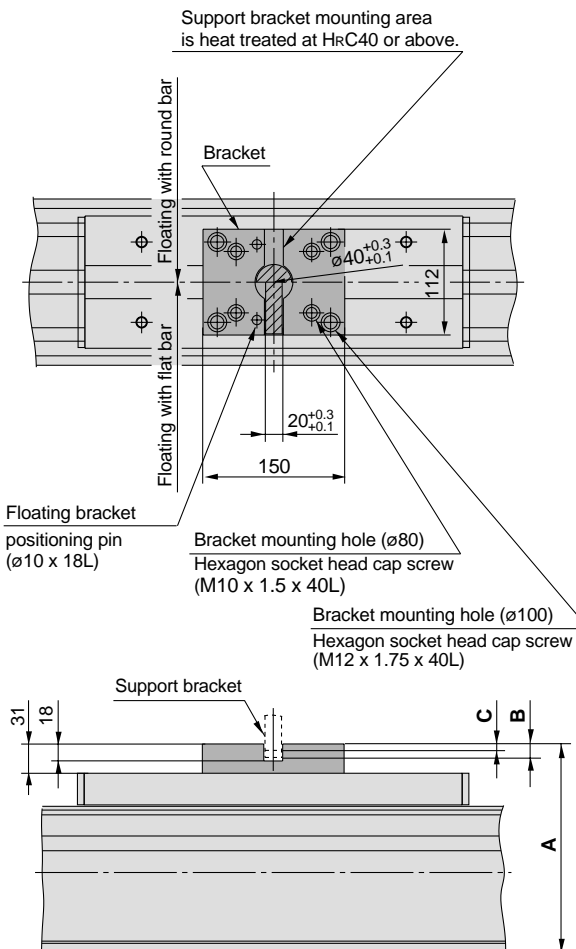
Applicable bore size

**ø80, ø100**

### Application example



### Mounting example



#### Hexagon socket head cap screw tightening torque

Unit: N·m

Model	Applicable cylinder	A	B (max.)	C (min.)	Model	Tightening torque
MY-J 80	MY1B 80□	181	15	9	MY-J 80	25
MY-J100	MY1B100□	221	15	9	MY-J100	44

- Note) • Flat bar or round bar mounting are possible for the support bracket (slanted lines) mounted by the customer.  
 • The floating bracket is packaged with (4) hexagon socket head cap screws and (2) parallel pins at the time of shipment.  
 • "B" and "C" indicate the allowable mounting dimensions for the support bracket (flat bar or round bar).  
 • Consider support brackets with dimensions that allow the floating mechanism to function properly.

### Floating bracket operating precautions

#### ⚠ Caution

**Make sure that the amount of divergence from the external guide is within the adjustable range.**

Using the floating bracket facilitates connection to an external guide. However, with a rod type guide, etc., the amount of displacement is large and the floating bracket may not be able to absorb the variation. Check the amount of displacement and mount the floating bracket within the adjustable range.

When the displacement amount exceeds the adjustable range, use a separate floating mechanism.