
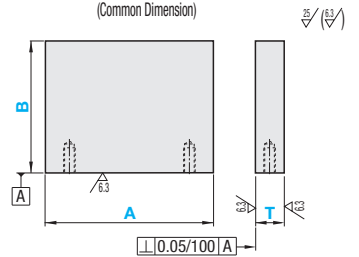


# 6 Surface Milled Mounting Plates, Brackets

## Side Hole Type



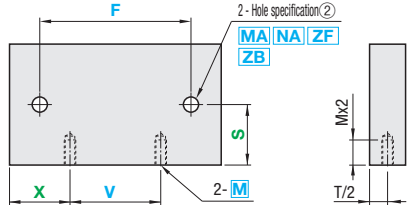
Part Number Type	Material Symbol	Material	Surface Treatment
VFMQA VFMQA VFMQA	SC	EN 1.1191 Equiv.	-
	SCB		Black Oxide
	SCM		Electroless Nickel Plating
VFMCC VFMCA	AM	EN AW-5052 Equiv.	-
	AMW		Anodize (Clear)
	AMB		Anodize (Black)
	SU		EN 1.4301 Equiv.



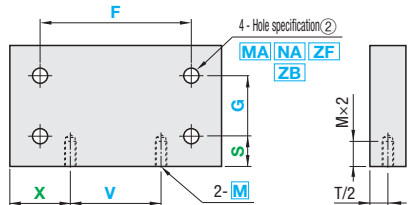
(Common Dimension)

Ⓜ0.2 to Ⓜ0.5, unless otherwise specified.

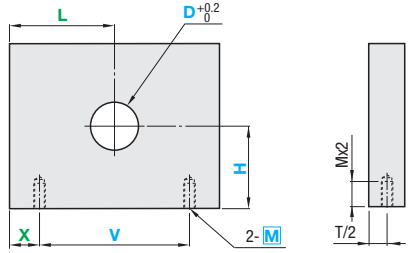
**VFMQA** (Hole Machining)



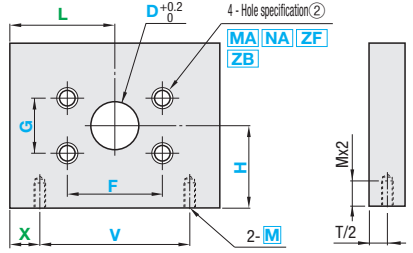
**VFMQA** (Hole Machining)



**VFMCC** (Hole Machining)



**VFMCA** (Hole Machining)



Green colored parameters can be omitted. If the parameter setting is omitted, the holes will be evenly distributed about the center. For details, see P.1834.

Part Number Type	Material Symbol	0.1mm Increment			X	V	Hole Specification ①		L	H	D	F	S	G	Hole Specification ②	
		A	B	T			Code	Nominal Dia.							Code	Nominal Dia.
VFMQA VFMQA	SC SCB SCM	30.0	10.0	5.0	0.1mm Increment	M	0 (No Hole)	0.1mm Increment	3~30 (0.5mm Increment)	0.1mm Increment	0 (No Hole)	3 4 5 6 8 10	M4	0 3 4 5 6 8 10 12 16		
		150.0	20.0	20.0												
VFMCC VFMCA	AM AMW AMB SU	30.0	10.0	5.0	0.1mm Increment	M	0 (No Hole)	0.1mm Increment	3~30 (0.5mm Increment)	0.1mm Increment	0 (No Hole)	3 4 5 6 8 10 12 16	M4	0 3 4 5 6 8 10 12 16		
		150.0	20.0	20.0												

Ordering Example

Part Number: Type - Material Symbol - A - B - T - X - V - Hole Specification ① Code, Nominal Value - L - H - D - F - S - G - Hole Specification ② Code, Nominal Value

VFMQA - AM - A50 - B30 - T5 - X10 - V30 - M4 - L40 - H45 - D15 - F40 - S20 - MA4

VFMCC - SC - A80 - B60 - T10 - X10 - V60 - M4 - L40 - H45 - D15

**Hole Type Selection Chart**

Hole Type	Tapped Holes	Bolt Hole	Counterbore Front	Counterbore Back																											
Code	M, MA	NA	ZF	ZB																											
Shape Diagram																															
Machining Specifications	Effective Tap Length Max. M, Max2 Ⓜ When T=M, Max2, tap pilot might not go through.		Screw Nominal Size																												
			<table border="1"> <thead> <tr> <th>Dimensions</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>8</th> <th>10</th> <th>12</th> <th>16</th> </tr> </thead> <tbody> <tr> <td>d, h</td> <td>3.5</td> <td>4.5</td> <td>5.5</td> <td>6.5</td> <td>9</td> <td>11</td> <td>14</td> <td>18</td> </tr> <tr> <td>d1</td> <td>6.5</td> <td>8</td> <td>9.5</td> <td>11</td> <td>14</td> <td>18</td> <td>20</td> <td>26</td> </tr> </tbody> </table>		Dimensions	3	4	5	6	8	10	12	16	d, h	3.5	4.5	5.5	6.5	9	11	14	18	d1	6.5	8	9.5	11	14	18	20	26
Dimensions	3	4	5	6	8	10	12	16																							
d, h	3.5	4.5	5.5	6.5	9	11	14	18																							
d1	6.5	8	9.5	11	14	18	20	26																							

### Min. Thickness per Taps on Side

M Nominal	Min. Thickness T
3	5
4	5.6
5	6.6
6	8
8	10
10	12

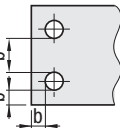
### Machining Specifications

Even if the holes and side taps interfere, they will be machined as specified. However, there may be some remaining burrs if interference exists.

### Machining Limits

There are machining limits for thickness between holes, and between hole and edge. (Ex.: "b" on the right diagram)

For limit values, see P.1833.



A	B	T	Body Price Unit Price														
			VFMQA			VFMQA			VFMQA			VFMQA					
			SC	SCB	SCM	AM	AMW	AMB	SU	SC	SCB	SCM	AM	AMW	AMB	SU	
30.0	10.0	5.0-7.0															
		7.1-10.0															
		10.1-15.0															
	50.0	5.0-7.0															
		7.1-10.0															
		10.1-15.0															
50.1	10.0	5.0-7.0															
		7.1-10.0															
		10.1-15.0															
	100.0	5.0-7.0															
		7.1-10.0															
		10.1-15.0															
100.1	10.0	5.0-7.0															
		7.1-10.0															
		10.1-15.0															
	150.0	5.0-7.0															
		7.1-10.0															
		10.1-15.0															

A	B	T	Body Price Unit Price														
			VFMCC			VFMCA			VFMCA			VFMCA					
			SC	SCB	SCM	AM	AMW	AMB	SU	SC	SCB	SCM	AM	AMW	AMB	SU	
30.0	10.0	10															
		10.1-15.0															
		15.1-20.0															
	50.0	10															
		10.1-15.0															
		15.1-20.0															
50.1	10.0	10															
		10.1-15.0															
		15.1-20.0															
	100.0	10															
		10.1-15.0															
		15.1-20.0															
100.1	10.0	10															
		10.1-15.0															
		15.1-20.0															
	150.0	10															
		10.1-15.0															
		15.1-20.0															

Alterations

Part Number: Type - Material Symbol - A - B - T - X - V - Hole Specification ① Code, Nominal Value - L - H - D (DC) - F - S - G - Hole Specification ② Code, Nominal Value (CC)

VFMQA - AM - A50 - B30 - T5 - X10 - V30 - M4 - L40 - H45 - D15 - F40 - S20 - MA4 - CC10

Alterations	Corner cut change	Center Hole Change to H7
	Code	CC
Spec.	Changes corner cuts. CC = 1mm Increment Ⓜ ≤ CC ≤ 20 [Ordering Code] Add CC at the end of the Part Number designation. (Ex.) --CC10	Center hole D is changed to a precision hole (H7). DC = 0.1mm Increment Ⓜ 3 ≤ DC ≤ 100 Ⓜ Applicable to VFMCC, VFMCA only. [Ordering Code] Specify by replacing dim. D with DC. (Ex.) --DC30