

# 6 Surface Milled Mounting Plates / Brackets

## Side Hole Type

RoHS 10

Type	Material Symbol	Material	Surface Treatment
VFMQA	SC	1045	-
VFMQA	SCB	Carbon	Black Oxide
VFMQA	SCM	Steel	Electroless Nickel Plating
VFMQA	AM	5052	-
VFMQA	AMW	Aluminum Alloy	Anodize (Clear)
VFMQA	AMB	Aluminum Alloy	Anodize (Black)
VFMQA	SU	304 Stainless Steel	-

(Common Dimension)

Ⓜ0.05/100 A

ⓂC0.2 to C0.5, unless otherwise specified.

**VFMQA** (Hole Machining)

**VFMQA** (Hole Machining)

**VFMCC** (Hole Machining)

**VFMCA** (Hole Machining)

Green colored parameters can be omitted. If omitted, the placements will be even about the center. (☞ P.1720)

Part Number	Specify 0.1mm Increment			X	V	Hole Specification ①		L	H	D	F	S	G	Hole Specification ②										
	Type	Material Symbol	A			B	T							Code	Nominal Dia.	Code	Nominal Dia.							
VFMQA	SC	30.0	10.0	5.0	Specify 0.1mm Increment	M	0 (No Hole)	Specify 0.1mm Increment	3~30 (0.5mm Increment)	Specify 0.1mm Increment	NA	0 (No Hole)	3	4	5	6	8	10						
VFMQA	SCB	150.0	15.0	20.0															3	4	5	6	8	10
VFMQA	SCM	150.0	15.0	20.0															3	4	5	6	8	10
VFMCC	AM	30.0	10.0	5.0	Specify 0.1mm Increment	M	0 (No Hole)	Specify 0.1mm Increment	3~30 (0.5mm Increment)	Specify 0.1mm Increment	NA	0 (No Hole)	3	4	5	6	8	10						
VFMCC	AMW	150.0	15.0	20.0															3	4	5	6	8	10
VFMCC	AMB	150.0	15.0	20.0															3	4	5	6	8	10
VFMCA	SU	150.0	15.0	20.0	Specify 0.1mm Increment	M	0 (No Hole)	Specify 0.1mm Increment	3~30 (0.5mm Increment)	Specify 0.1mm Increment	NA	0 (No Hole)	3	4	5	6	8	10						
VFMCA	AM	150.0	15.0	20.0															3	4	5	6	8	10
VFMCA	AMW	150.0	15.0	20.0															3	4	5	6	8	10

☞ M12, 16 are discontinued.

Ordering Example: Part Number - A - B - T - X - V - Hole Specification ① - L - H - D - F - S - G - Hole Specification ②

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 - F40 - S20 - MA4

Days to Ship [Configure Online](#)

**Min. Thickness per Tapped Holes on Side**

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

**Machining Specifications**

If the holes and side taps interfere, the machining will be resumes as such. However, there may be some remaining burrs if interference exits.

**Machining Limits**

There are machining limits for thickness between holes, and hole and edge. (Ex. b on right Fig.)

For machining limits, see P.1719

**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, MAX3, tap pilot might not go through.																														
			Screw Nominal Size																												
			<table border="1"> <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> <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> </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																							

Price [Configure Online](#)

A	B	T	Main Body Price Unit Price														
			VFMQA						VFMPA								
			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															
	50.0	10.1-15.0															
		15.1-20.0															
	50.1	50.1	5.0-7.0														
			7.1-10.0														
100.0		10.1-15.0															
		15.1-20.0															
100.1	10.0	5.0-7.0															
		7.1-10.0															
	50.0	10.1-15.0															
		15.1-20.0															
	50.1	50.1	5.0-7.0														
			7.1-10.0														
100.0		10.1-15.0															
		15.1-20.0															
100.1	10.0	5.0-7.0															
		7.1-10.0															
	50.0	10.1-15.0															
		15.1-20.0															
	50.1	50.1	5.0-7.0														
			7.1-10.0														
100.0		10.1-15.0															
		15.1-20.0															
100.1	10.0	5.0-7.0															
		7.1-10.0															
	50.0	10.1-15.0															
		15.1-20.0															
	50.1	50.1	5.0-7.0														
			7.1-10.0														
100.0		10.1-15.0															
		15.1-20.0															

A	B	T	Main Body Price Unit Price														
			VFMCC						VFMCA								
			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															
	50.0	10.1-15.0															
		15.1-20.0															
	30.0	50.1	5.0-7.0														
			7.1-10.0														
100.0		10.1-15.0															
		15.1-20.0															
50.1	50.1	5.0-7.0															
		7.1-10.0															
	100.0	10.1-15.0															
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	50.1	50.1	5.0-7.0														
			7.1-10.0														
100.0		10.1-15.0															
		15.1-20.0															
100.1	10.0	5.0-7.0															
		7.1-10.0															
	50.0	10.1-15.0															
		15.1-20.0															
	50.1	50.1	5.0-7.0														
			7.1-10.0														
100.0		10.1-15.0															
		15.1-20.0															

Alterations

Part Number - A - B - T - X - V - Hole Specification ① - L - H - D (DC) - F - S - G - Hole Specification ② - (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	DC
Spec.	Changes corner cuts. CC=Specify 1mm Increment ☞ 1≤CC≤20 [Specifying Method] Add CC at the end of the type designation (Ex.)--CC10	Center hole D is changed to a precision hole (H7). DC=Specify 1mm Increment ☞ 3≤DC≤100 ☞ VFMCC, VFMCA applicable only [Specifying Method] Specify by replacing dim. D to DC (Ex.)--DC30
Price Adder		