

# **MAGNET SIZING GUIDE**

<b>AQUARIUM</b>	<b>THICKNESS</b>	<b>F- FLOATING</b>	<b>FF- FLAT FLOATING</b>	
<b>INCHES</b>	<b>CENTIMETERS</b>	<b>BEST ONE HAND OPERATION</b>	<b>TWO HAND OPERATION</b>	<b>WEAKEST ONE HAND OPERATION</b>
<b>1/8"</b>	<b>0.32 CM</b>	<b>F-1</b>	<b>N/A</b>	<b>F-1</b>
<b>1/4"</b>	<b>0.64 CM</b>	<b>F-1</b>	<b>F-2</b>	<b>F-1</b>
<b>3/8"</b>	<b>0.95 CM</b>	<b>F-2</b>	<b>F-3, FF-3</b>	<b>F-2</b>
<b>1/2"</b>	<b>1.3 CM</b>	<b>F-3, FF-3</b>	<b>F-4, FF-4</b>	<b>F-2</b>
<b>5/8"</b>	<b>1.6 CM</b>	<b>F-4, FF-4</b>	<b>F-5, FF-5</b>	<b>F-4, FF-4</b>
<b>3/4"</b>	<b>1.9 CM</b>	<b>F-4, FF-4</b>	<b>F-5, FF-5</b>	<b>F-3, FF-3</b>
<b>1"</b>	<b>2.5 CM</b>	<b>F-5, FF-5</b>	<b>F-6, FF-6</b>	<b>F-4, FF-4</b>
<b>1 1/4"</b>	<b>3.2 CM</b>	<b>F-6, FF-6</b>	<b>F-7, FF-7</b>	<b>F-5, FF-5</b>
<b>1 1/2"</b>	<b>3.8 CM</b>	<b>F-7, FF-7</b>	<b>F-8, FF-8</b>	<b>F-6, FF-6</b>
<b>1 3/4"</b>	<b>4.5 CM</b>	<b>F-8, FF-8</b>	<b>F-9</b>	<b>F-7, FF-7</b>
<b>2 "</b>	<b>5.1 CM</b>	<b>F-9</b>	<b>F-12, FF-12</b>	<b>F-8, FF-8</b>
<b>2 1/4"</b>	<b>5.7 CM</b>	<b>F-10, FF-10</b>	<b>F-14, FF-14</b>	<b>F-9,</b>
<b>2 1/2"</b>	<b>6.4 CM</b>	<b>F-12, FF-12</b>	<b>F-15, FF-15</b>	<b>F-10, FF-10</b>
<b>2 3/4"</b>	<b>7 CM</b>	<b>F-14, FF-14</b>	<b>F-16 + SPACER</b>	<b>F-12, FF-12</b>
<b>3"</b>	<b>7.6 CM</b>	<b>F-15, FF-15</b>	<b>F-16</b>	<b>F-14</b>

<b>3 1/4"</b>	<b>8.3 CM</b>	<b>F-16 + SPACER</b>	<b>F-17 + SPACER</b>	<b>F-15, FF-15</b>
<b>3 1/2"</b>	<b>8.9 CM</b>	<b>F-16</b>	<b>F-17</b>	<b>F-16 + SPACER</b>
<b>3 3/4"</b>	<b>9.5 CM</b>	<b>F-17 + SPACER</b>	<b>F-18</b>	<b>F-16</b>
<b>4"</b>	<b>10.2 CM</b>	<b>F-17</b>	<b>F-18</b>	<b>F-17 + SPACER</b>
<b>4 1/2"</b>	<b>11.4 CM</b>	<b>F-18 + SPACER</b>	<b>F-18</b>	<b>F-17</b>
<b>4 3/4"</b>	<b>12.1 CM</b>	<b>F-18</b>	<b>N/A</b>	<b>F-18 + SPACER</b>

- **BEST ONE HAND OPERATION: BEST RESULT WITH THE MAGNET STRENGTH THAT ALLOWS YOU TO USE ONE HAND. THE ALGAE CAN COME OFF IN ONE OR TWO PASSES.**
- **TWO HAND OPERATION: VERY STRONG MAGNETIZATION AND CAN BE HARD TO MOVE WITH ONE HAND. GREAT FOR CORALINE ALGAE, AND STUBBORN DIATOM ALGAE. ONE PASS WILL TAKE CARE OF IT IN MOST CASES.**
- **WEAKEST ONE HAND OPERATION : MAGNET IS VERY EASY TO MOVE AROUND BUT WILL TAKE SOME PASSES TO GET STUBBORN ALGAE OFF. QUICK MOVEMENTS CAN CAUSE THE MAGNETS TO SEPARATE.**

## **SPACER ATTACHMENT**

***The Spacer Attachment reduces the working range of the Mighty Magnets by approximately 3/8". For example: if the Mighty Magnets you have are rated for a working range of 1/2" to 1" thick tank walls, and you add the Spacer Attachment , the Mighty Magnets will now work on 1/4" thickness as well.***