

# Command:SETHOME (HM)

MS2000 or RM2000 syntax

<b>Shortcut</b>	HM
<b>Format</b>	HM [axis]=[position in mm]...
<b>Units</b>	Millimeter
<b>Remembered</b>	Automatically
<b>Required MS2000 Firmware Version</b>	8.0+

Tiger syntax

<b>Shortcut</b>	HM
<b>Format</b>	HM [axis]=[position in mm]...
<b>Units</b>	Millimeter
<b>Type</b>	Axis-Specific
<b>Remembered</b>	Automatically

This command sets/displays a fixed hardware HOME location for an axis in units of millimeters. The HOME position is considered a fixed hardware location and is adjusted properly when the controller's coordinate system is altered with the HERE or ZERO function. The HOME position is automatically remembered and recalled through a power cycle and does not need to be saved using the [SAVESET command](#). The home position defaults to a large positive number far exceeding the mechanical limits of the system, or else with the upper limit for DAC devices including piezos, micro-mirror, and tunable lenses.

HM [axis]+ will set the home position to be the current position. Restore the default home position by executing HM [axis] -.

## Reply

If there are no errors, a reply of :A is returned.

## Example

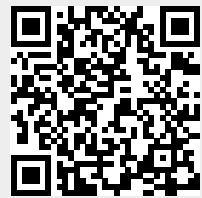
```
HM X?  
:A X=1000.000
```

In the above example the default location for the HOME position for the X-axis is returned.

[commands](#), [tiger](#), [ms2000](#)

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Last update: **2025/03/31 15:12**