

# Command:KV

## Tiger Syntax

<b>Shortcut</b>	KV
<b>Format</b>	KV [axis]=n...
<b>Units</b>	unitless integer
<b>Type</b>	Axis Specific
<b>Remembered</b>	Using [Addr#]SS Z

## MS2000 and RM2000 Syntax

<b>Shortcut</b>	KV
<b>Format</b>	KV [axis]=n...
<b>Units</b>	unitless integer
<b>Remembered</b>	Using SS Z

Adjusts motor gain parameter in the servo loop where n is a signed integer. Default depends on motor and leadscrew pitch but is generally within 10% of the ideal value. Ideal value will change with speed setting, especially when AA is far from maximum.

### **MOST USERS DO NOT NEED TO USE THIS FUNCTION!**

```
KV Z?  
:A Z=39
```

```
KV Z=40  
:A
```

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

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