

To use the 4th axis as the rotary axis, follow the rules shown below in addition to the rules for setting X-, Y-, and Z-axes.

### (1) Compensation Interval

The compensation interval should be more than 6000 pulses and the quotient obtained by dividing 360000 by the compensation interval become a positive integer.

### (2) Compensation Amount at Reference Point

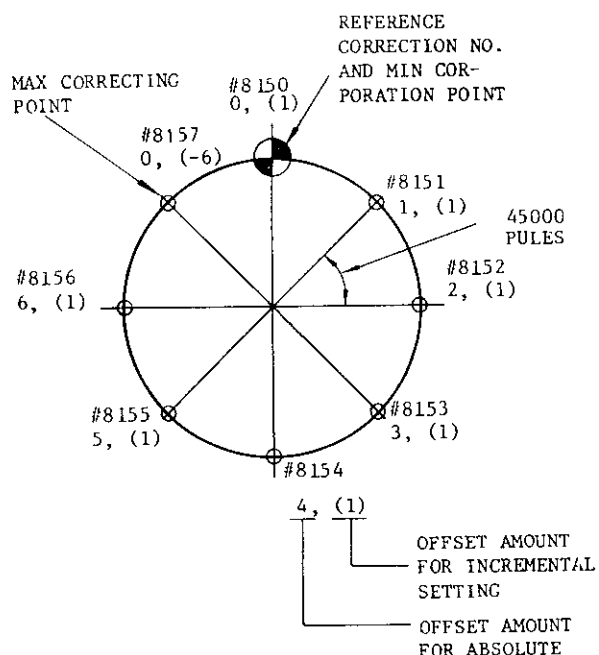
The compensation amount to be set to the reference point should be as follows:

- a. Absolute setting ... "0"
- b. Incremental setting ... "0"

In the case of incremental setting, set such a value for the compensation amount at compensation maximum point that the sum of the compensation amount of each point becomes "0."

### (3) Sample Writing

If the compensation interval is 45000 pulses (one rotation divided by 8) as shown below, set the parameters as follows.



4th axis of  
rotary axis

Offset reference No.

#6337 150

Offset min point

#6331 150

Offset max point

#6325 157

Offset multiplication  
factor

#6071 1

Offset point

#6645 45000

Offset parameter at  
each point

Parameter	Absolute setting	Incremental setting
#8150	0	0
#8151	1	1
#8152	2	1
#8153	3	1
#8154	4	1
#8155	5	1
#8156	6	1
#8157	0	-6