

Chanter Tuning Offsets for A-440 chanters (e.g. smallpipe and border pipe) when using a chromatic tuner like a Korg CA-30.

For tuning against drones tuned to the note A (= 440 Hz)

Note name	Meter Note	Rounded Chromatic tuner offset (cents)	Exact Chromatic tuner offset (cents)
high A	A	0.00	0.00
high G	G	-31 or -4	-31.17 or -3.91
F	F#	-16	-15.64
<b>F natural</b>	<b>F</b>	<b>+14</b>	<b>+13.69</b>
E	E	+2	+1.96
D	D	-2	-1.96
C	C#	-14	-13.69
<b>C natural</b>	<b>C</b>	<b>+16</b>	<b>+15.64</b>
B	B	+4	+3.91
low A	A	0.00	0.00
low G	G	-31 or -4	-31.17 or -3.91

For tuning against drones tuned to the note G (= 392 Hz)

Note name	Meter Note	Rounded Chromatic tuner offset (cents)	Exact Chromatic tuner offset (cents)
high A	A	+4	+3.91
high G	G	0	0.00
F	F#	-12	-11.73
<b>F natural</b>	<b>F</b>	<b>-31 or -4</b>	<b>-31.17 or -3.91</b>
E	E	-16	-15.64
D	D	+2	+1.96
C	C#	-10	-9.78
<b>C natural</b>	<b>C</b>	<b>-2</b>	<b>-1.96</b>
B	B	-14	-13.69
low A	A	+4	+3.91
low G	G	0.00	0.00

For tuning against drones tuned to the note B (= 493.88 Hz)

Note name	Meter Note	Rounded Chromatic tuner offset (cents)	Exact Chromatic tuner offset (cents)
high A	A	-4	-3.91
high G	G	+14	+13.69
F	F#	+2	+1.96
<b>F natural</b>	<b>F</b>	<b>-10</b>	<b>-9.78</b>
E	E	-2	-1.96
D	D	+16	+15.64
C	C#	+4	+3.91
<b>C natural</b>	<b>C</b>	<b>+12</b>	<b>+11.73</b>
B	B	0	0.00
low A	A	-4	-3.91
low G	G	+14	+13.69