

\hbadness [*<number>* parameter]

\vbadness [*<number>* parameter]

These parameters specify the thresholds of horizontal and vertical badness for reporting underfull or overfull boxes. **\hbadness** applies to hboxes and **\vbadness** applies to vboxes. If the badness of a constructed box exceeds the threshold, T_EX will report an error. If you raise the thresholds (the plain T_EX defaults are both 1000), T_EX will be less likely to complain. Note that the settings of **\hbadness** and **\vbadness** have no effect on the appearance of your typeset document; they only affect the error messages that you get. See page 302 of *The T_EXbook* for a precise description of how T_EX decides when to complain about an overfull or underfull box.

Example:

```
\hbadness = 10000 % Suppress any hbadness complaints.
```

```
\hbox to 2in{a b}\par
```

```
\hbadness = 500 % Report hbadness exceeding 500.
```

```
\hbox to 2in{a\hskip 0pt plus .5in b}
```

produces in the log:

```
Underfull \hbox (badness 5091) detected at line 4
```

```
\tenrm a b
```

```
\hbox(6.94444+0.0)x144.54, glue set 3.70787
```

```
.\tenrm a
```

```
.\glue 0.0 plus 36.135
```

```
.\tenrm b
```