

DIN Case sizes available from Texmate

The History of the Fractional DIN

The case standard DIN 43700 was originally established in Europe, and specified case sizes with Bezel O.D.'s from 48x24mm to 288x144mm. The first DIN case to become popular in North America just happened to be 192x192mm. When a line of temperature controllers in 96x96mm DIN cases was subsequently introduced to the USA market, the new smaller case size was promoted as a "1/4 DIN." This led to the 96x48mm case being referred to as "1/8 DIN," the 48x48mm case as "1/16 DIN," and so on. In Europe, the fractional DIN designation is generally not recognized and DIN cases are identified by the outside dimensions of their bezel in millimeters.

Rectangular

9/32 DIN 144x72 mm (5.69"x2.84") page 3

1/8 DIN 96x48 mm (3.78"x1.89") page 3

9/128 DIN 72x36 mm (2.84"x1.42") page 5

1/32 DIN
48x24 mm (1.89"x0.95")
page 5

Edgewise

9/64 DIN
36x144 mm (1.42"x5.69")
page 5

1/16 DIN
24x96 mm
(0.95"x3.78")
page 7

9/64 DIN 144x36 mm (5.69"x1.42x) page 5

3/32 DIN
24x144 mm
(0.95"x5.69")
page 6

Note: The official DIN standard identifies each different case size by the outside dimension of the case bezel in millimeters, i.e. 96x48mm. (See History of the Fractional DIN, above left)

1/16 DIN 96x24 mm (3.78"x0.95") page 4

Square

1/4 DIN 96x96 mm (3.78"x3.78") page 4

9/64 DIN 72x72 mm (2.84"x2.84") page 4

1/16 DIN 48x48 mm (1.89"x1.89")
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