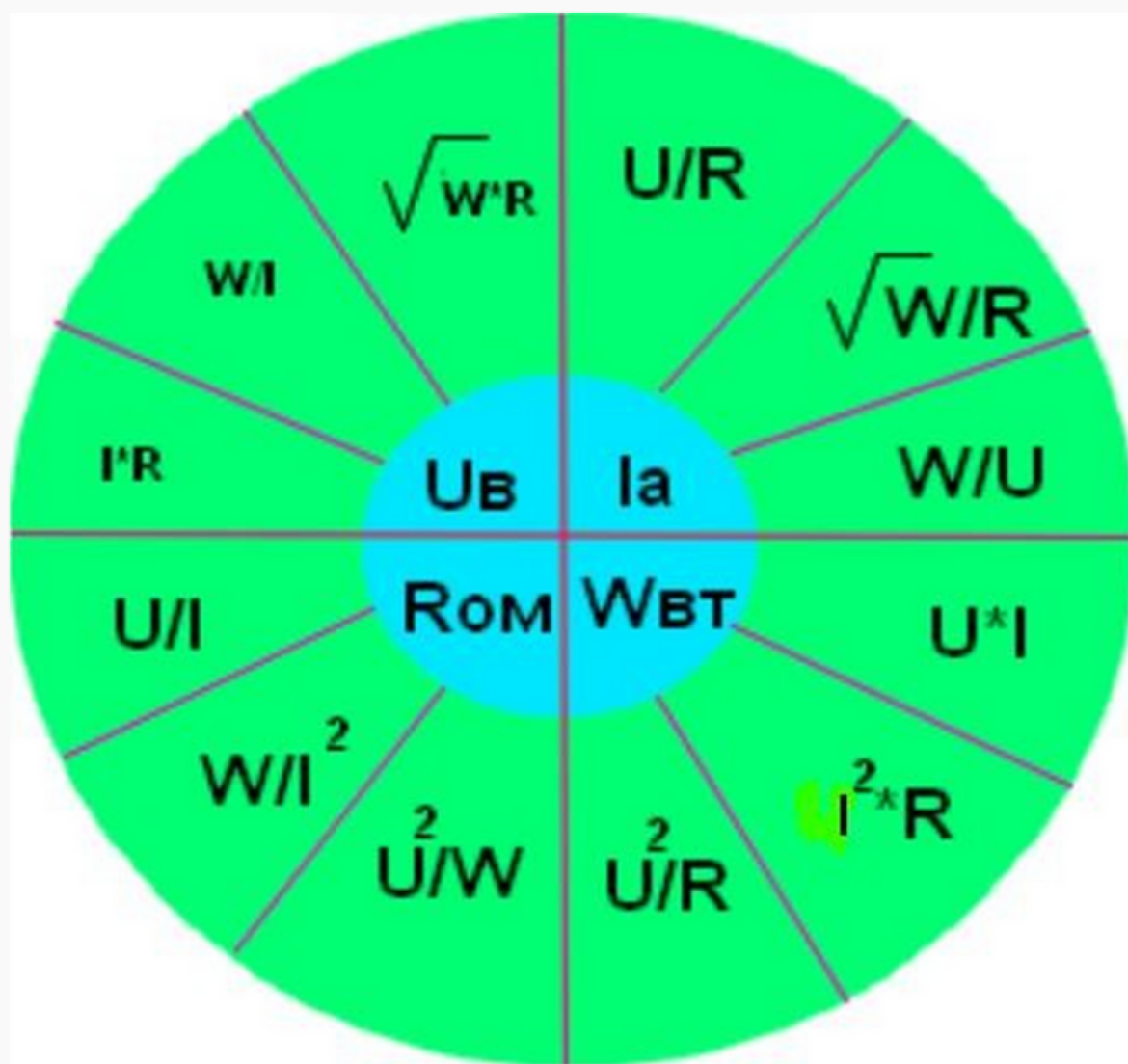


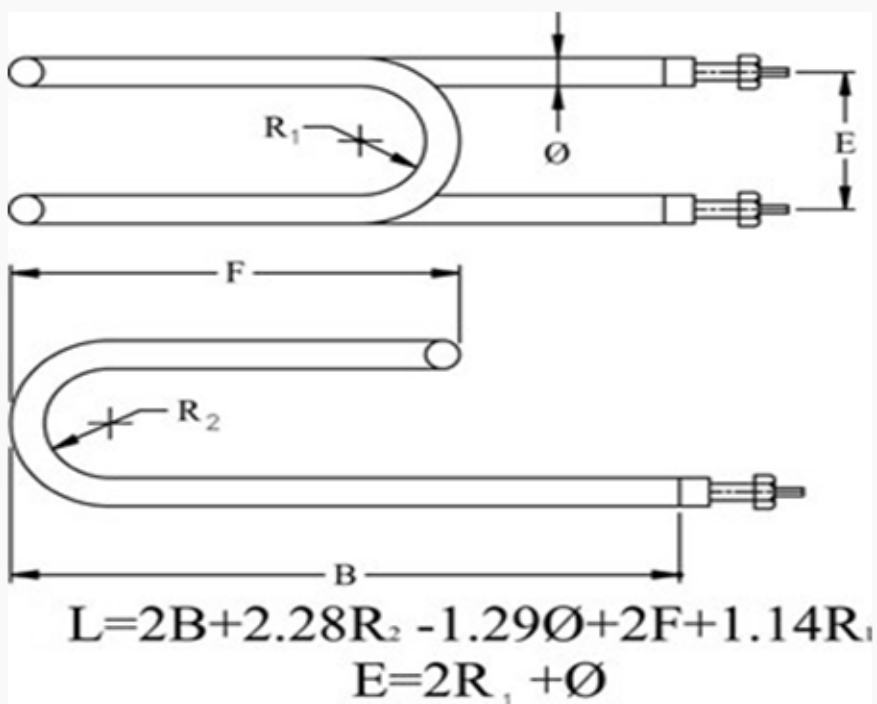
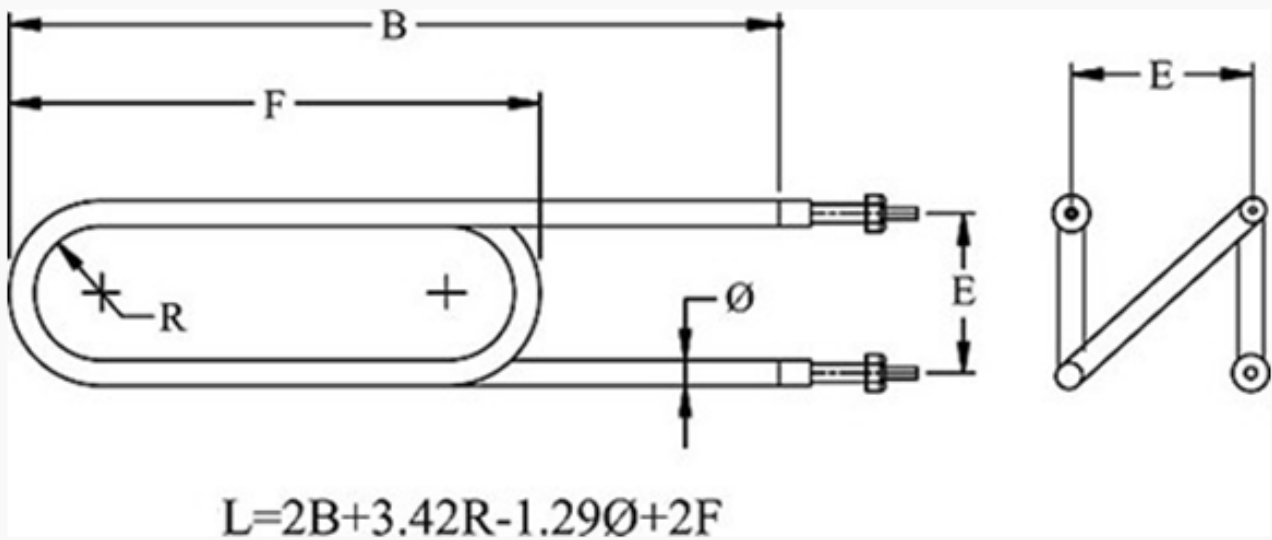
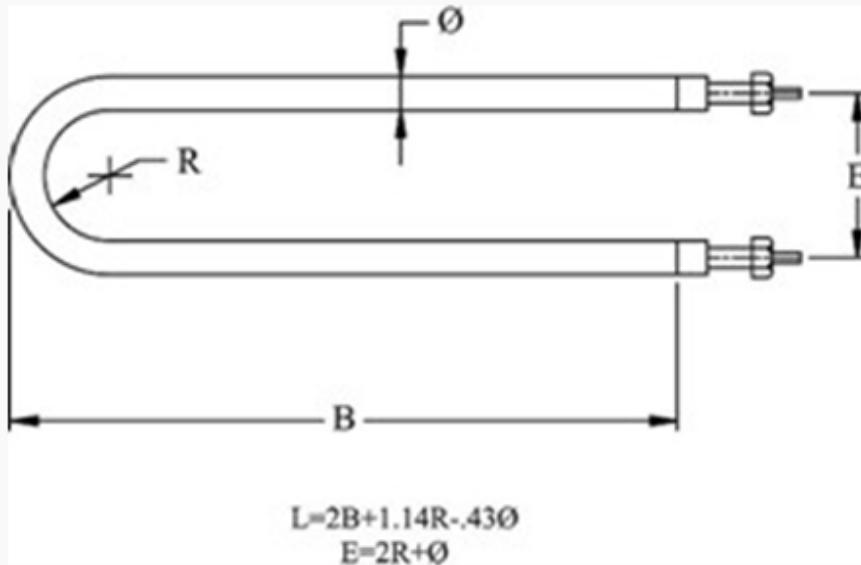
Математика для ТЭН

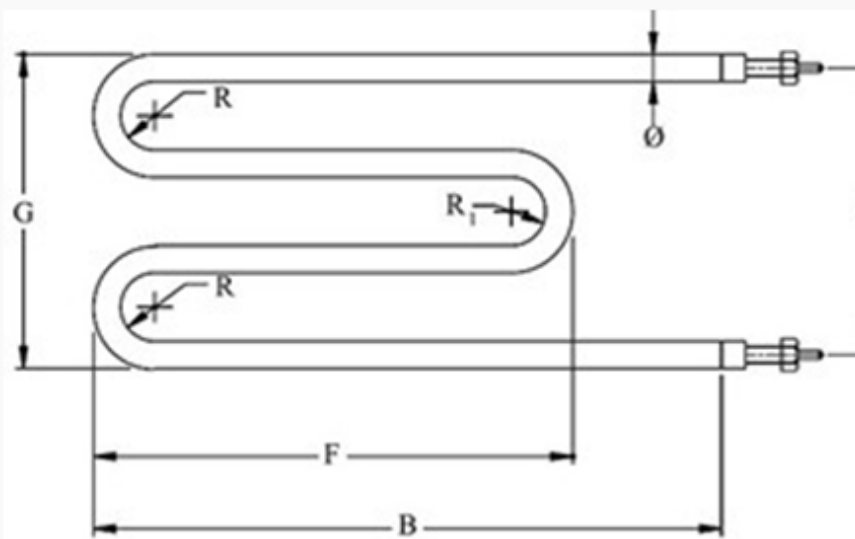


УДЕЛЬНАЯ МОЩНОСТЬ ТЭН Вт/см²

$$G/\text{Вт.нагр}/ = P \text{ Вт} / (3,14 \times D_{\text{ТЭН}}/\text{см} / \times L/\text{актив.дл.тэна,см}/)$$

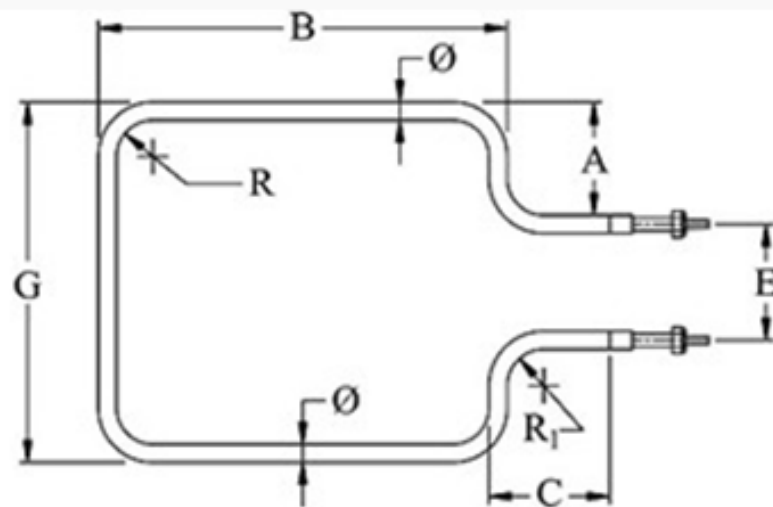
РАЗВЕРНУТАЯ ДЛИНА ТЭН





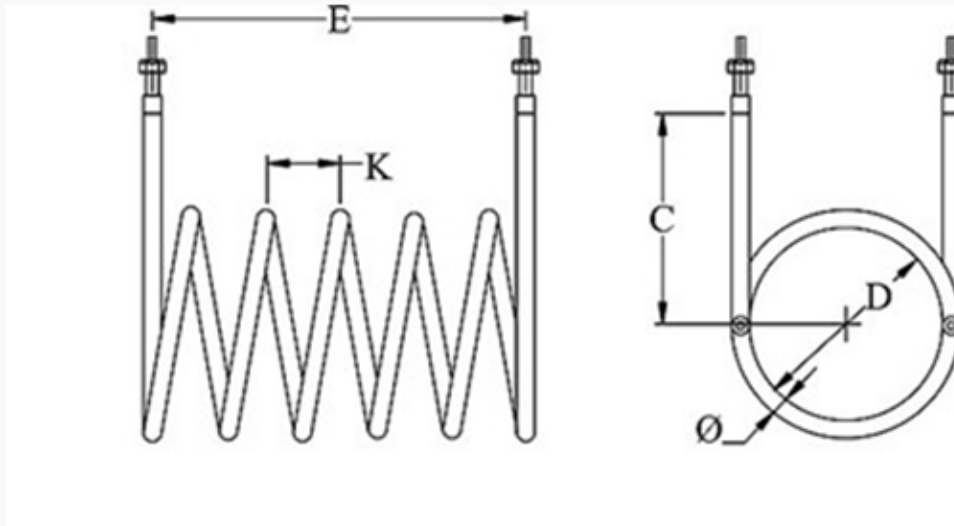
$$L = 2B + 2.28R - 1.29\emptyset + 2F + 1.14R_1$$

$$G = F + \emptyset$$

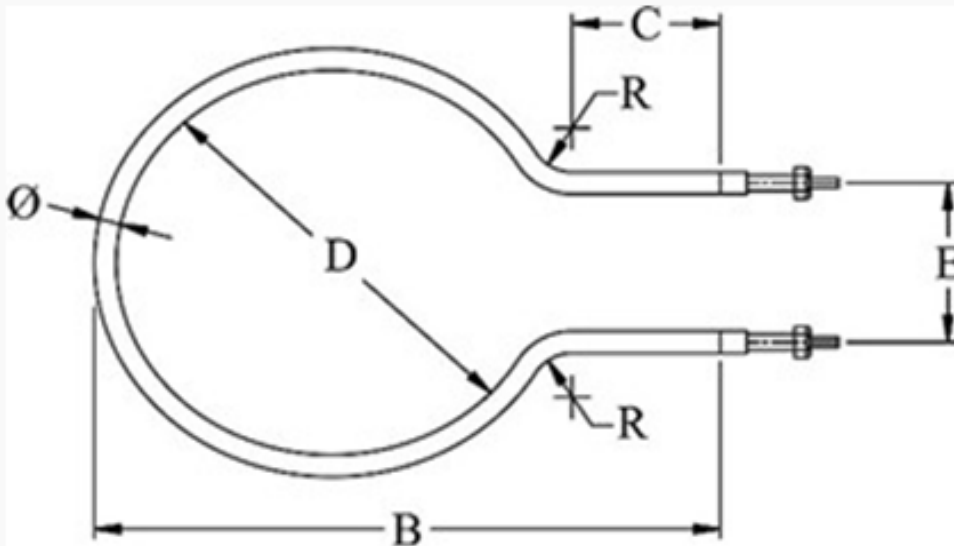


$$L = 2C + 2G + 2B - E - 1.72R - .86R_1 - 6.29\emptyset$$

$$A = \frac{(G - (E - \emptyset))}{2}$$



$$L = ((D + \emptyset) \times 3.14 \times N - \text{кол-во витков}) + 2C$$



$$L = 3.14D + 1.14R + 2C - 3.71\emptyset - E$$