

$$\frac{200}{14,2} = 14,1 \text{ Kg/cm}^2$$

$$Z = \left(\frac{38,5}{14} \right)^2 = 2,75^2 = 7,57$$

$$\boxed{\Sigma_h = 0,70}$$

$$\Sigma = \frac{\Sigma_h}{\text{Total } Z} = \frac{0,7}{7,57} = 0,0924$$

$$p_t = K \cdot p_K = \dots 14,1$$

$$p_t = 0,31 \cdot 14,1 = 4,37$$

$$p_m = \frac{\alpha \cdot p_t}{\cancel{p_t}} =$$

$$\alpha = 0,53$$

$$= 4,37 \cdot 0,53 = 2,32$$

$$N_i = \frac{\pi}{4} \cdot \left(\frac{38,5 \cdot \sqrt{Z}}{\cancel{2,54}} \right)^2 \cdot 2,32$$

$$\frac{24 \cdot 2,54 \cdot 140 \cdot 10^2}{30 \cdot 75}$$

$$N_i =$$

$$\Sigma = 0,75$$

$$680$$

$$0,70$$

$$655$$

$$0,65$$

$$590$$



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