

$$g_1 = \sin \gamma_{1H} * g_{G1} = \sin 33,662^\circ * 432,71 = 239,85$$

$$g_2 = \cos \gamma_{1H} * g_{G1} = \sin 56,338^\circ * 432,71 = 360,15$$

$$g_3 = g_2 = \frac{509,33}{\sqrt{2}} = 360,15$$

$$g_4 = g_1 = 239,85$$

Probe Grundmaße

$$g_1 = \frac{600}{\frac{\tan \alpha_1}{\tan \alpha_3} + 1} = 239,85$$

$$h_F = \tan \alpha * g = \tan 35^\circ * 239,85 = 167,94$$

$$g_{G3} = \frac{360,15}{\cos 33,662^\circ} = 432,71$$

$$g_{G4} = 239,85 * \sqrt{2} = 339,20$$

$$l_{Sp1} = l_{Sp4} = \frac{239,85}{\cos 35^\circ} = 292,8$$

$$l_{Sp2} = l_{Sp3} = \frac{360,15}{\cos 25^\circ} = 397,38$$

$$\alpha_{G1} = \tan^{-1} \frac{167,94}{432,71} = 21,212^\circ$$

$$\alpha_{G2} = \tan^{-1} \frac{167,94}{509,33} = 18,249^\circ$$

$$\alpha_{G3} = \tan^{-1} \frac{167,94}{432,71} = 21,212^\circ$$

$$\alpha_{G4} = \tan^{-1} \frac{167,94}{339,20} = 26,341^\circ$$

$$l_{G1} = \frac{432,71}{\cos 21,212^\circ} = 464,16$$

$$l_{G2} = \frac{509,33}{\cos 18,249^\circ} = 536,30$$

$$l_{G3} = \frac{432,71}{\cos 21,212^\circ} = 464,16$$

$$l_{G4} = \frac{339,20}{\cos 26,341^\circ} = 378,499$$

Profil 25°

