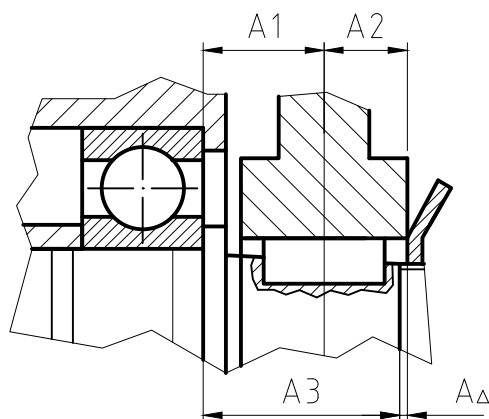




VELKÁ ŘEMENICE

$A_{\Delta} = 1 \pm 0,5$	$T_{A\Delta} = 1$
$A1 = 8$	$T_{A1} = ?$
$A2 = 5,5$	$T_{A2} = ?$
$A3 = 13 \pm 0,2$	$T_{A3} = 0,4$

$$T_{A\Delta} = T_{A1} + T_{A2} + T_{A3}$$
$$T_{A1} + T_{A2} = T_{A\Delta} - T_{A3}$$
$$T_{A1} + T_{A2} = 1 - 0,4 = 0,6 > 0 \rightarrow \text{OK}$$

$$A_{\Delta\max} = A_{1\max} + A_{2\max} - A_{3\min}$$
$$A_{1\max} + A_{2\max} = A_{\Delta\max} + A_{3\min}$$
$$A_{1\max} + A_{2\max} = 1,5 + 12,8 = 14,3\text{mm}$$
$$A_{\Delta\min} = A_{1\min} + A_{2\min} - A_{3\max}$$
$$A_{1\min} + A_{2\min} = A_{\Delta\min} + A_{3\max}$$
$$A_{1\min} + A_{2\min} = 0,5 + 13,2 = 13,7\text{mm}$$

$$T_{A1} + T_{A2} = 0,6$$
$$T_{A1} \doteq T_{A2} = 0,3$$
$$\delta = \frac{T}{\sin\left(\frac{\alpha}{2}\right)} \rightarrow T = \delta \cdot \sin\left(\frac{\alpha}{2}\right) \rightarrow \text{tg}\alpha = \frac{0,5}{10} = 0,05 \rightarrow \alpha = 2,862^{\circ}$$
$$T = 0,3 \cdot \sin 2,862^{\circ} = 0,014979 \rightarrow T = 0,015$$

$$T_{A1} = 0,3$$
$$T_{A2} = 0,3$$