	jętości V elementu mierzonego ora	nz jej niepewność pomiarową uc	(V), tuleja
Dane	Wartość[mm]		
$\frac{u(x)}{\overline{x}}$	0.067		
$\frac{\overline{h}}{\overline{h}}$	34.17	4	
dwew	12.215	4	
<i>dzew</i>	15.858 • Objetosci		
	$\pi(3.643)^2 = \overline{h}\pi(\overline{dzew} - \overline{dwew})$ $\pi(3.643)^2 = 34.17 * \pi*13$	,	
$\frac{dV}{dh}u(h)=\pi(dzew-dwew)^2$			$\frac{dV}{ddwew}u(dwew)$ = 2h $\pi$ (dwew-dzew)
$\frac{dV}{dh}u(h)=$	h dzew-dwew (dzew-dwew)^2 ((dzew-dwew)^2)^2 $\pi (dzew - dwew)^2$ =13.3	176.1314	2h 68.34 (dwew-dzew) -3.643 2h*(dwew-dzew) -248.963 (2h*(dwew-dzew))^2 61982.39 $\frac{dV}{ddwew}u(dwew) = 2h\pi(dwew-dzew) = 68.34\pi^*(-3.643) = -248.96262\pi$
$rac{dV}{ddzew}u(dzew)$ =2h $\pi$ (dzew-dwew)			
68.34π*(3	2h (dzew-dwew) 2h*(dwew-dzew) (2h*(dwew-dzew))^2 dzew)= 2hπ(dzew-dwew 3.643) = 248.96262π	)=	
$\begin{split} u_c(V) &= \sqrt{(\frac{dV}{ddwew}}u(dwew))^2 + (\frac{dV}{ddzew}u(dzew))^2 + (\frac{dV}{dh}u(h))^2} = \\ &\sqrt{(\frac{dV}{ddwew}}u(dwew))^2 + (\frac{dV}{ddze}u(dzew))^2 + (\frac{dV}{dh}u(h))^2} = \\ &\sqrt{(2h\pi(dwew-dzew))^2 + (2h\pi(dzew-dwew))^2 + (\pi(dzew-dwew))^2} = \\ &\sqrt{61982.38616\pi^2 + 61982.38616\pi^2 + 176.1313586\pi^2} = \sqrt{124140.9037\pi^2} = 352.3363502\pi \\ &\approx 360\pi \end{split}$			