		"h" $(x_i - \bar{x})^2 [mm]$	ej średnicy przed			"d_zew" $(x_i - \bar{x})^2 [mm]$
Lp.	h[mm] 34.15	$(x_i - x)^2 [mm]$ 0.0004	d[mm]wew	"d_wew" $(x_i - \bar{x})^2$ [mm] 0.046225	d[mm]zew	$(x_i - x)^2 [mm]$ 0.45968
1				0.046225		
2	34	0.0289	11.95	0.070225		0.01166
	34.1	0.0049				0.00336
4	34.1	0.0049	12	0.046225		0.00006
5	34.1	0.0049	12	0.046225		0.00336
6	34.45	0.0784	12.75	0.286225		0.05856
7	34.2	0.0009	12.9	0.469225		0.02016
8 9	34.2 34.4	0.0009	11.8 11.8	0.172225 0.172225		0.02016 0.02016
	34.4	0.0529 0.0289	12.95	0.172225		0.05856
10		0.0289		0.540225		0.05850
\bar{x}	34.17	0.206	12.215 1.89525		15.858 0.65576	
suma			1.89525	т		as Mary
	lian Ctan	Tuleja Wysokosc	Obligação		eja Średni	
Niep. Stand. Ocena Typu A - Obliczenie				Niep. Stand. Ocena Typu A - Obliczenie		
$u_A(x) =$				$u_A(x) =$		
$\sqrt{\frac{\sum_{i=1}^{n}(x_i-\bar{x})^2}{n(n-1)}} = \sqrt{\frac{0.206}{10*9}} = 0.002288889 \approx$				$\sqrt{\frac{\sum_{i=1}^{n}(x_i-\bar{x})^2}{n(n-1)}} = \sqrt{\frac{1.89525}{10*9}} = 0.021058333$		
$\sqrt{n(n-1)}$ $\sqrt{10*9}$ 0.0023				$ \begin{array}{lll} \sqrt{n(n-1)} & \sqrt{10*9} \\ \approx 0.022 \end{array} $		
Niep. Stand. Ocena Typu B - Obliczenie				Niep. Stand. Ocena Typu B - Obliczenie		
$u_B(x) = \sqrt{\frac{(\Delta_p x)^2}{3} + \frac{(\Delta_e x)^2}{3}} = \sqrt{\frac{(0.05)^2}{3} + \frac{(0)^2}{3}} =$			$u_B(x) = \sqrt{\frac{(\Delta_p x)^2}{3} + \frac{(\Delta_e x)^2}{3}} = \sqrt{\frac{(0.05)^2}{3} + \frac{(0)^2}{3}} =$			
$\sqrt{\frac{0.0025}{3}} = \sqrt{0.000833333} =$				$\sqrt{\frac{0.0025}{3}} = \sqrt{0.000833333} =$		
•				1 7		
0.028867513≈0.029				0.028867513≈0.029		
Całkowita Niep. Stand Obliczenie - Wys				Całkowita Niep. Stand Obliczenie - Wew		
$u(x) = \sqrt{u_A^2(x) + u_B^2(x)} =$				$u(x) = \sqrt{u_A^2(x) + u_B^2(x)} =$		
$\sqrt{0.0023^2 + 0.029^2} =$				$\sqrt{0.022^2 + 0.029^2} =$		
$\sqrt{0.00000529} + 0.000841 =$				$\sqrt{0.000484} + 0.000841 =$		
$\sqrt{0.00}$	084629	= 0.029091064	≈ 0.029	$\sqrt{0.001325} = 0.036$	5400549 <i>=</i>	≈ 0.037
	_	rulaia ćuaduiaa 7au		Dana		M6 wild formal
N.		Tuleja Średnica Zew		Dane A *		Wyniki [mm]
$u_A(x)$		nd. Ocena Typu A - (Obliczenie	$\Delta_p x$		0.05
		0.65576				
$\sqrt{\frac{\Delta_{i=1}}{n}}$	$\frac{(x_i-x)^{-1}}{(n-1)}$	$=\sqrt{\frac{0.65576}{10*9}}=0.085$	536≈ 0.086			
Niep. Stand. Ocena Typu B - Obliczenie						
$u_B(x) = \sqrt{\frac{(\Delta_p x)^2}{3} + \frac{(\Delta_e x)^2}{3}} = \sqrt{\frac{(0.05)^2}{3} + \frac{(0)^2}{3}} =$						
0.002	$\frac{25}{1} = \sqrt{0.0}$	00833333 =				
√ 3 0.028867513≈0.029						
		Niep. Stand Oblicz	zenie - Zew			
		$\frac{\overline{u_B^2(x)} = u_B^2(x)}{(x)^2 + u_B^2(x)} = \frac{1}{2}$				
	$\frac{-\sqrt{u_A(x)}}{36^2+0.0}$					
		$\frac{0.000841}{0.000841} = \sqrt{0.00}$	8237 —			
	75792 ≈		0237 —			
3.330	. 5 . 5 2 ~	0.000				