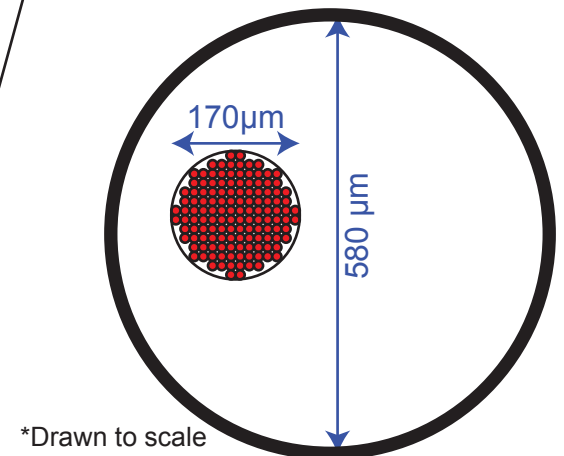


- Microwire diameter, $d = 12\mu\text{m}$
- Area of single wire, $s = (\pi d^2) / 4 = 113\mu\text{m}^2$
- Approx. cross sectional area = $d^2 = 144\mu\text{m}^2$
- Area of 128 wire bundle, $S = s \cdot 128 = 14476\mu\text{m}^2$
- Min. diameter of 128 wire bundle = $\sqrt{4 \cdot S / \pi} = \mathbf{136\mu\text{m}}$
- Max. diameter of 128 wire bundle = $d \cdot 14 = \mathbf{168\mu\text{m}}$



*Drawn to scale