

Question	Answer	Mark	Mark scheme	Additional guidance
19	633	<p>B1</p> <p>P1</p> <p>A1</p>	<p>for stating any correct bound, eg 10.35 or 10.45 or 103.5 or 104.5 or 0.165 or 0.175 or 0.0165 or 0.0175</p> <p>for process to find the upper bound, eg [UB of height] \div [LB of thickness] or $104.5 \div 0.165$ or $10.45 \div 0.0165$</p> <p>or eg [UB of height] \div [LB of thickness] $\times 10$ or $10.45 \div 0.165 \times 10$</p> <p>(dep on all previous marks) for an answer of 633 or 633(.33...) clearly coming from working with correct values eg $104.5 \div 0.165 = 633$</p>	<p>Accept 10.449 or 10.4499(9...) for 10.45 Accept 0.1749 or 0.17499(9...) for 0.175</p> <p>$104 < [\text{UB of height}] \leq 104.5$ and $0.165 \leq [\text{LB of thickness}] < 0.17$ or $10.4 < [\text{UB of height}] \leq 10.45$ and $0.0165 \leq [\text{LB of thickness}] < 0.017$</p> <p>or $10.4 < [\text{UB of height}] \leq 10.45$ and $0.165 \leq [\text{LB of thickness}] < 0.17$</p> <p>Condone 630 from a correct calculation If correct answer is seen and then incorrectly rounded award full marks Award 0 marks for a correct answer with no (or incorrect) supportive working</p>