

A

$\sqrt{\text{Ra}1.6}$ ($\sqrt{\text{Ra}0.8}$)

A

B

C

D

E

F

2

1 2 3 4 5 6 7 8 9 10

$\sqrt{\text{Ra}} 1.6$ ($\sqrt{\text{Ra}} 0.8$)

Detail A 2 : 1

NOTE

1. Material : Steel Ø60X150
2. General Tolerance $\pm 0.1\text{mm}$
3. General Tolerance $\pm 0.5^\circ$ for angle

$\phi 31^0_{-0.03}$ $\phi 21^0_{-0.01}$ $\phi 29^0_{-0.01}$ $\phi 37^0_{-0.025}$ $\phi 36^0_{-0.01}$ $\phi 41^0_{-0.01}$

$M20 \times 2.0 = \phi 18.701$
 $\phi 18.661$

Test Project for the 40th WorldSkills Competition in Calgary, Canada 2009

Skill: Trade No. 6 CNC-Turning	Scale: 1/1	Date: 03/09/2009	Paper: A3	
Drawn / Design by: Masaki Amano JP			Drawing No:	
Description: Module 2			Rev:	Page: 1/1

Detail A 2 : 1

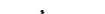
NOTE

- 1. Material : Steel Ø60X150
- 2. General Tolerance $\pm 0.1\text{mm}$
- 3. General Tolerance $\pm 0.5^\circ$ for angle

The technical drawing shows a stepped cylindrical part. The leftmost section has a diameter of $\phi 31$. The first step down has a diameter of $\phi 21_{-0.03}^0$. The second step down has a diameter of $\phi 29$. The third step down has a diameter of $\phi 37_{-0.025}^{+0.01}$. The rightmost section has a diameter of $\phi 36_{-0.025}^{+0.01}$. The far-right section has a diameter of $\phi 41 \pm 0.01$. The top surface of the part is hatched with diagonal lines.

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