

# Brass Wedge Data Sheet

One data sheet per wedge. Please leave this data sheet in the lab.

Annealing Temperature: 350 degrees C

SPRING, 2025

Section# performing rolling (M/N)? \_\_\_\_\_ Date \_\_\_\_\_

(A&B only) Time WHEN wedge placed in furnace for 1 hr: \_\_\_\_\_ (Set timer)

Circle  
Your  
Group

GROUP	CONDITION	TARGET THICKNESS (mm)
A	Rolled and Annealed	5.0
B	Rolled and Annealed	2.5
C	As Rolled	5.0
D	As Rolled	2.5

Write  
Target  
Thickness  
on Wedge

## Dimensions (mm)

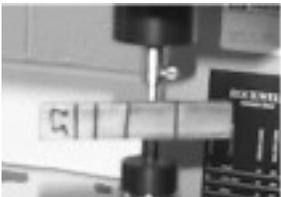
ZERO the calipers. Use knife-edges. Light touch.

	Thickness at Location (Mark)				Width (Mark 3)
	1 (smallest)	2	3	4 (largest)	
Original Wedge					
After Rolling					

## Original Hardness (HRB)

Measure hardness at *any* 3 or 4 locations **on the edge of the wedge**. Space measurements at least 5 diameters from the faces of the wedges **and from other indentations and scratch marks**.

Variation should be less than 2, ideally.



Three or Four Measurements Total Here			

## Final Hardness (HRB)

Perform 3 hardness tests **across the width of the strip at each location**.

Enter *all three* into the spreadsheet. Variation should be less than 2, ideally. SMILEY FACE UP 😊!

Location			
1 (smallest)	2	3	4 (largest)



Roll to failure: Type specimen (circle one): As-Rolled      Annealed

Location (Mark) \_\_\_\_\_ Thickness \_\_\_\_\_