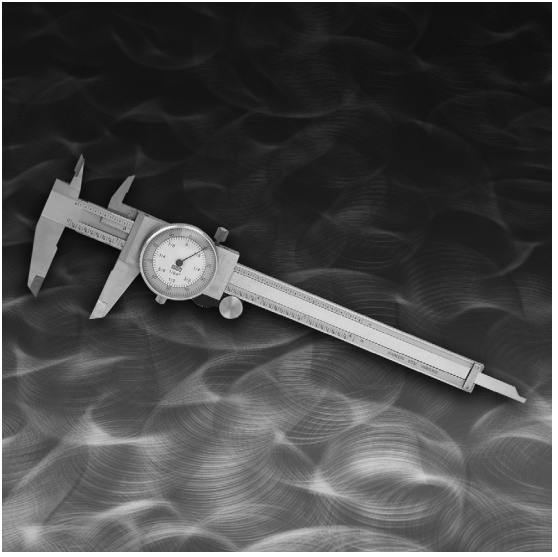
Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference. 17I

PITTSBURGH®

63655

6" Dial Caliper



Visit our website at: http://www.harborfreight.com
Email our technical support at: productsupport@harborfreight.com

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools. Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein. Tools required for assembly and service may not be included.

⚠WARNING

Read this material before using this product. Failure to do so can result in serious injury. SAVE THIS MANUAL.

Specifications

Maximum Range	6″
Scale Units	Inches
Resolution	0.01″ or 1/64″
Measuring Capabilities	Inside / Outside / Depth / Step
Scale Type	Mechanical Dial

Important Safety Information

1. This product is not a toy. Do not allow children to play with or near this item.
2. Use the correct product for your application. The correct product will do the job better and safer at the rate for which it was designed. Do not modify Caliper or use it for a purpose for which it is not intended.
3. Check for binding of moving parts, breakage of parts and any other condition that may affect the Caliper's operation. If damaged, have the Caliper repaired and calibrated before use.
4. Keep Caliper away from water, oil, solvents and any other liquids.
5. Do not lubricate the Caliper's moving parts.
6. Do not exceed the 6″ capacity of Caliper.
7. Do not disassemble Caliper.
8. Wear ANSI-approved safety goggles during use.
9. Keep work area clean and well lit.
10. Do not operate when tired or when under the influence of alcohol, drugs or medication.
11. Use as intended only.
12. Inspect before every use; do not use if parts are loose or damaged.
13. Maintain product labels and nameplates. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.

Operating Instructions

Read the ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this document including all text under subheadings therein before set up or use of this product.

1. Make sure upper and lower Outside Diameter Jaw (2) faces are clean. See **Figure A**.
2. Loosen Slide Scale Lock (6) by turning it counterclockwise.
3. Use Thumb Roll (1) to close Outside Diameter Jaws (2).
4. Sliding Index Edge (7) should line up at “0”.
5. To adjust (if needed), loosen the Dial Adjustment Lock (3) by turning it counterclockwise.
6. Set the Dial (5) by turning the Dial Adjustment (4) either clockwise or counterclockwise until the Dial Needle points to “0”.
7. Lock the Dial (5) on its “0” setting by tightening the Dial Adjustment Lock (3) clockwise. The Caliper is ready to use.

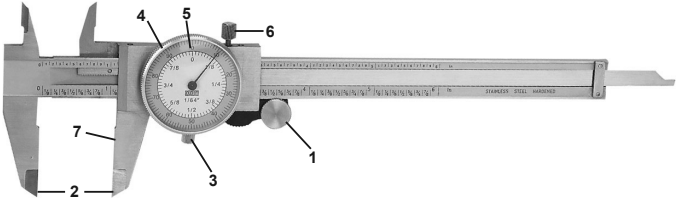


Figure A

8. To read the Scale and Dial, the Sliding Index Edge features readings in tenths of inches (0.1″ per call-out segment) and fractions (1/8″ per call-out segment). See **Figure B**.
9. Read the Scale Measurement Point in inches and tenths of inches (such as 0.5″) or fractions (such as 1/2″).
10. Read the Dial Needle on the Dial to get a more precise reading, down to 0.01″ or 1/64″.

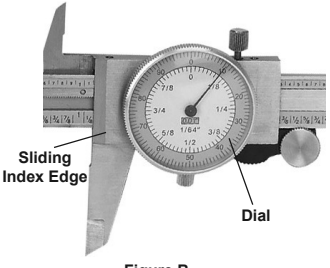


Figure B

11. To use the Caliper to measure the outside diameter of an object, close the Outside Diameter Jaws over the object, making sure that the object rests squarely on the Jaws. See **Figure C**, below.

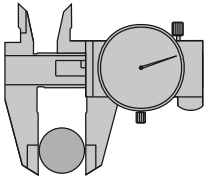


Figure C

12. To use the Caliper to measure the inside diameter of an object, see **Figure D**, below.

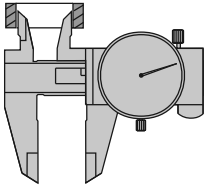


Figure D

13. To make a depth measurement of an object, see **Figure E**.

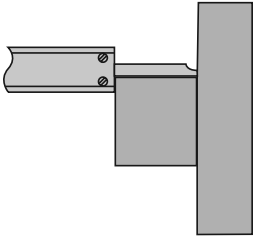


Figure E

14. To measure the step of an object, see **Figure F**.

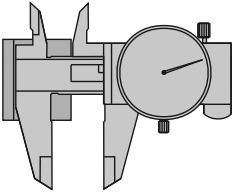
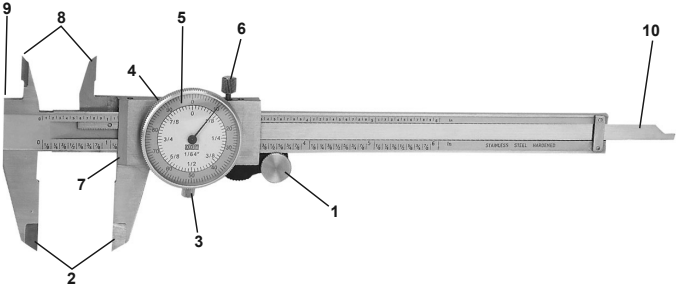


Figure F

Parts List and Diagram

Part	Description	Qty.
1	Thumb Roll	1
2	Outside Diameter Jaws	2
3	Dial Adjustment Lock	1
4	Dial Adjustment	1
5	Dial	1
6	Slide Scale Lock	1
7	Sliding Index Edge	1
8	Inside Diameter Jaws	2
9	Step Measuring Surface	1
10	Depth Measuring Blade	1



PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS DOCUMENT AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

Record Product's Serial Number Here:_____

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.

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