

ASME B89.1.7-2009

Performance Standard for Steel Measuring Tapes

AN AMERICAN NATIONAL STANDARD



**The American Society of
Mechanical Engineers**

ASME
SETTING THE STANDARD

CONTENTS

Foreword	iv
Committee Roster	v
Correspondence With the B89 Committee	vi
1 Scope	1
2 Definitions	1
3 References	1
4 General Requirements	2
5 Steel Measuring Tapes	4
6 Calibration and Maximum Permissible Errors	4
Figure	
1 Standard Practice for Zero Reference Marking	3
Tables	
1 Tension Requirements for Steel Measuring Tapes With Flat Rectangular Cross Section	4
2 MPE for Representative Lengths of Curved Cross Section Tapes	6
3 MPE for Representative Lengths of Flat Rectangular Cross Section Tapes	6
Mandatory Appendix	
I Reference Standard Traceability	7
Nonmandatory Appendices	
A Calibration of a Tape by Comparison to a Master Tape	9
B Calibration of a Tape Using a Laser Interferometer	12