



Dimensions, in.

Nominal Diameter	Standard Specimen	Small-Size Specimens Proportional to Standard		
	0.500	0.350	0.250	0.160
G—Gage length	2.000 ± 0.005	1.400 ± 0.005	1.000 ± 0.005	0.640 ± 0.005
D—Diameter (Note 1)	0.500 ± 0.010	0.350 ± 0.007	0.250 ± 0.005	0.160 ± 0.003
R—Radius of fillet, min	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{8}$
A—Length of reduced section, min (Note 2)	2%	1%	1%	$\frac{1}{2}$

NOTE 1—The reduced section may have a gradual taper from the ends toward the center, with the ends not more than 1% larger in diameter than the center (controlling dimension).

NOTE 2—If desired, the length of the reduced section may be increased to accommodate an extensometer of any convenient gage length. Reference marks for the measurement of elongation should, nevertheless, be spaced at the indicated gage length.

NOTE 3—The gage length and fillets shall be as shown, but the ends may be of any form to fit the holders of the testing machine in such a way that the load shall be axial (see Fig. 9). If the ends are held in wedge grips it is desirable, if possible, to make the length of the grip section great enough to allow the specimen to extend into the grips a distance equal to two thirds or more of the length of the grips.

NOTE 4—On the round specimens in Figs. 8 and 9, the gage lengths are equal to four times the nominal diameter. In some product specifications other specimens may be provided for, but unless the 4-to-1 ratio is maintained within dimensional tolerances, the elongation values may not be comparable with those obtained from the standard test specimen.

NOTE 5—The use of specimens smaller than 0.250-in. diameter shall be restricted to cases when the material to be tested is of insufficient size to obtain larger specimens or when all parties agree to their use for acceptance testing. Smaller specimens require suitable equipment and greater skill in both machining and testing.

NOTE 6—Four sizes of specimens often used have diameters of approximately 0.505, 0.357, 0.252, and 0.160 in., the reason being to permit easy calculations of stress from loads, since the corresponding cross-sectional areas are equal or close to 0.200, 0.100, 0.0500, and 0.0200 in.², respectively. Thus, when the actual diameters agree with these values, the stresses (or strengths) may be computed using the simple multiplying factors 5, 10, 20, and 50, respectively.

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**Anne Isabelle Mertens, Stanislav
Kolisnychenko**



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Magnesium Technology 2020 J. Brian Jordon, Victoria Miller, Vineet V. Joshi, Neale R. Neelameggham, 2020-01-22 The Magnesium Technology Symposium the event on which this collection is based is one of the largest yearly gatherings of magnesium specialists in the world Papers represent all aspects of the field ranging from primary production to applications to recycling Moreover papers explore everything from basic research findings to industrialization Magnesium Technology 2020 covers a broad spectrum of current topics including alloys and their properties cast products and processing wrought products and processing forming joining and machining corrosion and surface finishing and structural applications In addition there is coverage of new and emerging applications

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Proceedings of International Conference on Intelligent

Manufacturing and Automation Hari Vasudevan, Vijaya Kumar N. Kottur, Amool A. Raina, 2018-11-04 This book presents the outcomes of the International Conference on Intelligent Manufacturing and Automation ICIMA 2018 organized by the Departments of Mechanical Engineering and Production Engineering at Dwarkadas J Sanghvi College of Engineering Mumbai and the Indian Society of Manufacturing Engineers It includes original research and the latest advances in the field focusing on automation mechatronics and robotics CAD CAM CAE CIM FMS in manufacturing product design and development DFM DFA FMEA MEMS and Nanotechnology rapid prototyping computational techniques industrial engineering manufacturing process management modelling and optimization techniques CRM MRP and ERP green lean agile and sustainable manufacturing logistics and supply chain management quality assurance and environment protection advanced material processing and characterization and composite and smart materials **International Conference on**

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The 6th International Conference on Building Materials and Materials Engineering and 5th International Conference on Advanced Composite Materials Paulo Mendonça, Hideaki Tsukamoto, Carlos Chastre, 2023-07-11 Selected peer reviewed extended articles based on abstracts presented at the 2022 6th International Conference on Building Materials and Materials Engineering ICBMM and 2022 5th International Conference on Advanced Composite Materials ICACM Aggregated Book

Metal Matrix Composites Anne Isabelle Mertens, Stanislav Kolisnychenko, 2023-11-16 Aggregated Book *Department Of Defense Index of Specifications and Standards Federal Supply Class Listing (FSC) Part III November 2005* ,

Functional and Special Materials, Structural Metals, Polymers and Composites Ade Wahyu Yusariarta, Chinwuba Arum, 2025-10-08 Special topic volume with invited peer reviewed papers only Aluminum Standards & Data , 2003

UNAM International Engineering Conference on Sustainable Emerging Innovations and Technological Advancements (UNAM-IEC) Chinwuba Arum, Md Azree Othuman Mydin, Innocent E. Davidson, Paul Kah, 2025-12-10 Selected peer reviewed extended articles based on abstracts presented at the UNAM International Engineering Conference on Sustainable Emerging Innovations and Technological Advancements UNAM IEC 2024 Aggregated Book **Aluminum Standards and Data** , 1988

Materials and Technologies for Sustainability Alokesh Pramanik, Sayed Shebl, Hamada Shoukry, 2022-05-30 Special topic volume with invited peer reviewed papers only **Extraction, Refining, and Fabrication of Light Metals** Metallurgical Society of CIM. Light Metals Section, 1991 World class scientists and engineers from more than six countries presented thirty five papers on topics such as magnesium casting technology metal matrix composites mathematical modelling solidification and reduction of light metals Metal matrix composites are an important class of advanced industrial materials and significant advances have been achieved recently on the fabrication and characterization of their

microstructures and mechanical properties *Thomas Register of American Manufacturers and Thomas Register Catalog File* ,1996 Vols for 1970 71 includes manufacturers catalogs **Failure Analysis Case Studies III** David R.H. Jones,2004-04-21 This volume is the third in the series of sourcebooks on Failure Analysis and Structural Integrity published by Elsevier It comprises 35 case studies describing detailed analyses of real engineering failures and structural integrity problems chosen from volumes 7 8 and 9 of the Elsevier journal *Engineering Failure Analysis* It is an essential reference helping people avoid or analyse engineering failures design and manufacture for greater safety and economy and assess operating maintenance and fitness for purpose procedures

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