

**Standards Manager Web Standards List**  
**AGMA-American Gear Manufacturers Association**

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266	05FTM08	New Developments in Tooth Contact Analysis (TCA) and Loaded TCA for Spiral Bevel and Hypoid Gear Drives	2005	AGMA	14
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272	05FTM02	The Effects of Pre Rough Machine Processing on Dimensional Distortion During Carburizing	2005	AGMA	20
273	05FTM01	Fine Pitch, Plastic Face Gears: Design and Manufacture	2005	AGMA	13
274	ISO 14179-1	Gear Reducers - Thermal Capacity Based on ISO/TR 14179-1	2004	AGMA	33
275	914-B04	Gear Sound Manual Part I - Fundamentals of Sound as Related to Gears Part II - Sources, Specifications and Levels of Gear Sound Part III - Gear Noise Control	2004	AGMA	45
276	912-A04	NULL	2004	AGMA	30
277	9112-B04	NULL	2004	AGMA	30
278	9112-A04	NULL	2004	AGMA	41
279	9002-B04	NULL	2004	AGMA	30
280	2101-D04	Fundamental Rating Factors and Calculation Methods for Involute Spur and Helical Gear Teeth	2004	AGMA	66
281	2004-C08	Gear Materials, Heat Treatment and Processing Manual	2004	AGMA	76
282	14179-1	NULL	2004	AGMA	33
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284	04FTM9	Design of a High Ratio, Ultra Safe, High Contact Ratio, Double Helical Compound Planetary Transmission for Helicopter Applications	2004	AGMA	12
285	04FTM8	Generalized Excitation of Traveling Wave Vibration in Gears	2004	AGMA	13
286	04FTM7	A Short Procedure to Evaluate Micropitting Using the New AGMA Designed Gears	2004	AGMA	8
287	04FTM6	The Effect of a ZnDTP Anti--wear Additive on Micropitting Resistance of Carburised Steel Rollers	2004	AGMA	10
288	04FTM5	Investigations on the Micropitting Load Capacity of Case Carburized Gears	2004	AGMA	15
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290	04FTM3	A Method to Define Profile Modification of Spur Gear and Minimize the Transmission Error	2004	AGMA	11
291	04FTM2	Noise Optimized Modifications: Renaissance of the Generating Grinders?	2004	AGMA	9
292	04FTM13	Superfinishing Motor Vehicle Ring and Pinion Gears	2004	AGMA	16
293	04FTM12	Improved Tooth Load Distribution in an Involute Spline Joint Using Lead Modifications Based on Finite Element Analysis	2004	AGMA	16
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295	04FTM10	The Failure Investigation and Replacement of a Large Marine Gear	2004	AGMA	11
296	04FTM1	Gear Noise - Challenge and Success Based on Optimized Gear Geometries	2004	AGMA	15
297	933-B03	Basic Gear Geometry	2003	AGMA	26
298	925-A03	Effect of Lubrication on Gear Surface Distress	2003	AGMA	59
299	6011-I03	NULL	2003	AGMA	58
300	6006-A03	Standard for Design and Specification of Gearboxes for Wind Turbines	2003	AGMA	102
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302	2003-C10	Rating the Pitting Resistance and Bending Strength of Generated Straight Bevel, Zerol Bevel and Spiral Bevel Gear Teeth	2003	AGMA	81
303	1102-A03	NULL	2003	AGMA	56
304	915-1-A02	Inspection Practices - Part 1: Cylindrical Gears - Tangential Measurements	2002	AGMA	46
305	9009-D02	Flexible Couplings - Nomenclature for Flexible Couplings	2002	AGMA	24
306	9005-E02	NULL	2002	AGMA	38
307	6135-A02	Design, Rating and Application of Industrial Globoidal Wormgearing (Metric Edition)	2002	AGMA	51
308	6035-A02	Design, Rating and Application of Industrial Globoidal Wormgearing	2002	AGMA	51
309	2115.A915-1	NULL	2002	AGMA	108
310	2015 915-1-A02SUPP	NULL	2002	AGMA	108



311	02FTMS1	Design and Stress Analysis of New Version of Novikov-Wildhaber Helical Gears	2002	AGMA	25
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323	927-A01	Load Distribution Factors - Analytical Methods for Cylindrical Gears	2001	AGMA	38
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326	2001-D04	Fundamental Rating Factors and Calculation Methods for Involute Spur and Helical Gear Teeth	2001	AGMA	66
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330	01FTM7	Chemically Accelerated Vibratory Finishing for the Elimination of Wear and Pitting of Alloy Steel Gears	2001	AGMA	16
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340	2007-C00	Gears -- Surface Temper Etch Inspection After Grinding	2000	AGMA	13
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344	2000FTM7	Analytical - FEM Tool for the Design and Optimization of Aerospace Gleason Spiral Bevel Gears	2000	AGMA	14
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374	915-3-A99	Inspection Practices - Gear Blanks, Shaft Center Distance and Parallelism	1999	AGMA	14
375	98FTM9	Studies on Improvement of Surface Durability of Case-Carburized Steel Gear - Effects of Surface Finish Processes upon Oil Film Formation	1998	AGMA	11
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377	98FTM7	Checker of 3D Form Accuracy of Hypoid & Bevel Gear Teeth for the new Generation and Quality Control	1998	AGMA	15
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385	98FTM10	Local Coefficients of Friction in Worm Gear Contacts	1998	AGMA	10
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389	6008-A98	Specifications for Powder Metallurgy Gears	1998	AGMA	24
390	2111-A98	Cylindrical Wormgearing Tolerance and Inspection Methods (Metric)	1998	AGMA	50
391	2011-A98	NULL	1998	AGMA	50

392	97FTMS1	Coordinate Measurement and Reverse Engineering of ZK Type Worm Gearing	1997	AGMA	15
393	97FTM9	Relations Between Wear and Pitting Phenomena in Worm Gears	1997	AGMA	10
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410	1106-A97	Tooth Proportions for Plastic Gears	1997	AGMA	56
411	1006-A97	Tooth Proportions for Plastic Gears	1997	AGMA	56
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416	96FTM5	Differential Crowning: A New Weapon Against Gear Noise and Dynamic Load	1996	AGMA	6
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454	94FTM1	Fatigue Analysis of Shafts for Marine Gearboxes	1994	AGMA	16
455	911-A94	Design Guidelines for Aerospace Gearing	1994	AGMA	106
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458	93FTM9	Gear Tooth Bending Fatigue Crack Detection by Acoustic Emissions and Tooth Compliance Measurements	1993	AGMA	9
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510	90FTM7	Advanced Rotorcraft Transmission Program - A Status Review	1990	AGMA	19
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514	90FTM4	Different Types of Wear- How to Classify?	1990	AGMA	17
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521	90FTM11	Multiple Iteration- Respectable Trial-and-Error	1990	AGMA	15
522	90	NULL	1990	AGMA	33
523	9	NULL	1990	AGMA	15
524	908-B89	NULL	1989	AGMA	79
525	88	NULL	1988	AGMA	14

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