

Gear Data



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Gear Type: External Spur

Specification: AGMA

Gear Quality	10 (Standard)	Runout Tolerance	.0012
Module	1.5	Pitch Variation Tolerance	+/- .0004
Number of Teeth	95	Profile Tolerance	.0005
Pressure Angle	14.5 Degrees	Addendum	.0591
Backlash Class	C (Standard)	Dedendum	.0729
		Circular Pitch	.1855
Enter Your Name Here	W	Chordal Tooth Thickness	.0928
Outside Diameter	5.728	Bore Tolerance Band	.0005
Outside Diameter Tolerance	+.000/- .008	Max Fillet Radius	.014
Pitch Diameter (Reference)	5.6102	Max Tip Radius	.010
Tooth To Tooth Error	.0007	Clearance	.0138
Total Composite Error	.0019	Root Diameter	5.4645
Measurement Over Wires (MOW)	5.7576	Working Depth	.1181
MOW Tolerances	-.0020/- .0076	Whole Depth	.1319
Wire Diameter	.1020	Base Circle Diameter	5.4315
Test Radius	2.8051	Test Radius Tolerances	-.0010/- .0038

ALL DIMENSIONS ARE IN inches