

# Process Capability Study Plan

DCT Gears

Side 1

Part -Nr.: 250.1.5169.76

Supplier: **GETRAG**

Creation Date: 27.05.2014

Part Name: Speed gear 3<sup>th</sup>

Supplier Plant Name: BARI

Revision Date: 30.05.2014

SCIF #	Identification of Characteristics	Specified Tolerance	$C_m/C_{mk} \geq 1,67$	Study #	Scheduled date	$P_{pk} \geq 1,67$	Study #	Scheduled date	Measurement equipment	Results / Comments
1	Measurement over Balls Profil I	max. 114,655 min. 114,569	2.44			2.80			TEST BENCH	
2	Measurement over Balls Profil II	max. 94,519 min. 94,413	2.09			1.88			TEST BENCH	
3	Diameter	42,00 G6	2.52			1.99			ZEISS 3D	
4	Diameter	+0,010 -0,010	2.29			2.01			ZEISS 3D	
5	Length	+0,040 -0,040	2.48			2.30			ZEISS 3D	
6	Angle	+0,030 -0,030	2.23			1.68			ZEISS 3D	
7	Length	+0,030 -0,030	3.83			3.33			ZEISS 3D	
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