

GETRAG Production Part Approval
Material Test Results

310778

SUPPLIER Druckguss Heidenau GmbH		PART NUMBER 250.0.3315.90				
NAME OF LABORATORY QM - Sch/Ut/Tr		PART NAME Transmission Housing				
* CUSTOMER SPECIFIED SUPPLIER/VENDOR CODE: * If source approval is req'd, include the Supplier (Source) & Customer assigned code.		ENGINEERING CHANGE DOCUMENTS: NAME OF LABORATORY:				
MATERIAL SPEC. NO. / REV / DATE	SPECIFICATION/ LIMITS	TEST DATE	QTY. TESTED	SUPPLIER TEST RESULTS (DATA)	OK	NOT OK
	<u>EN AC-AISI9Cu3(Fe)</u>					
	Si 8,0-11,0			10,32	X	
	Fe max. 1,3			0,864	X	
	Cu 2,0-4,0			2,901	X	
	Mn max. 0,55			0,241	X	
	Mg 0,05-0,55			0,286	X	
	Ni max. 0,55			0,254	X	
	Zn max. 1,2			0,893	X	
	Pb max. 0,35			0,059	X	
	Sn max. 0,25			0,032	X	
	Ti max. 0,25			0,029	X	
	Angaben in %					
	IMDS-No.: 94767317 / 1.02					

Blanket statements of conformance are unacceptable for any test results.

SIGNATURE <i>T. Sch</i>	TITLE QM	DATE 05.10.2008
----------------------------	-------------	--------------------



Data: 30.04.2009

Codice Pz.: 250.0.3315.10

Componente: TRASMISSION HOUSING

Item	Caratteristica	<C>	Nominale	Cm >1.67	Cmk >1.67	i.o./n.i.o.	Tecnologia	Macchina	Note
1	#BO_F3_D	■	55 H8	16.18	14.82	☺	MACH 7	BAZ10538	
2	#BO_F3_CON	■	0.05	-	5.89	☺	MACH 7	BAZ10538	
3	#BO_P_D	■	18 H7	2.37	1.68	☺	MACH 7	BAZ10538	
4	#BO_P_P	■	0.1	-	3.30	☺	MACH 7	BAZ10538	
5	#BO_P1_D	■	12 E7	5.88	4.25	☺	MACH 7	BAZ10538	
6	#BO_P1_P	■	0.1	-	5.44	☺	MACH 7	BAZ10538	
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									



Codice Pz.: 250.0.3315.10

Data: 30.04.2009

Componente: TRASMISSION HOUSING

Item	Caratteristica	<C>	Nominale	Pp >1.32	Ppk >1.32	i.o./n.i.o.	Tecnologia	Macchina	Note
1	Diametro Foro F	■	55 H8	2.97	1.88	☺	MACH 7	BAZ10538	
2	Concentricità	■	0.05	-	5.93	☺	MACH 7	BAZ10538	
3	Diametro Foro P	■	18 H7	1.43	1.35	☺	MACH 7	BAZ10538	
4	Posizione Foro P	■	0.1	-	1.46	☺	MACH 7	BAZ10538	
5	Diametro Foro P1	■	12 E7	2.03	1.53	☺	MACH 7	BAZ10538	
6	Posizione Foro P1	■	0.1	-	1.83	☺	MACH 7	BAZ10538	
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									