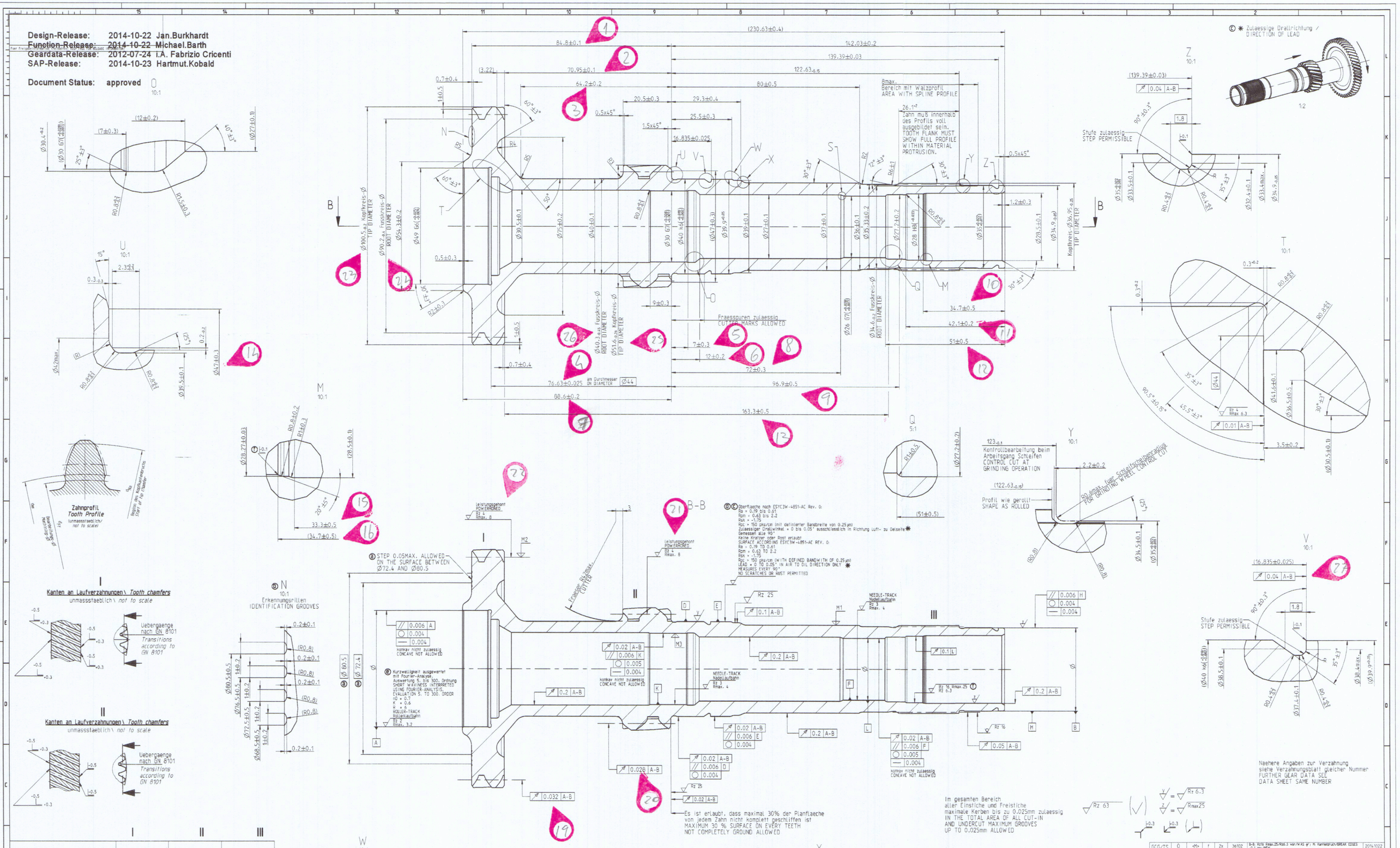
Design-Release: 2014-10-22 Jan.Burkhardt
Function-Release: 2014-10-22 Michael.Barth
Geardata-Release: 2012-07-24 i.A. Fabrizio Cricenti
SAP-Release: 2014-10-23 Hartmut.Kobald

Document Status: approved



	I	II	III
Aussenverzahnung / EXTERNAL GEAR			
Zahnwelle/ SPLINE DATA EXTERNAL			SAE PIPs : 32164
Bezugsdurchmesser / REFERENCE DIAMETER d_B			
Modul / NORMAL MODULE m_n	1.600	2.000	0.793750
Zaehnezahl / NUMBER OF TEETH z	52	21	46
Eingriffswinkel / NORMAL PRESSURE ANGLE α_n	17.5°	20.0°	30.0°
Schraegungswinkel / HELIX ANGLE β	29.0°	22.0°	0°
Richtung / HAND OF HELIX	RIGHT, rechts	RIGHT, rechts	STRAIGHT, gerade
Bezugsprofil / BASIC RACK			
Profilverschiebung/ADDENDUM MODIFICATION $x m_n$ Nominal / NOMINAL	0.320	0.780	-0.166
Qualitaet / GEAR TOOTH QUALITY (DIN3961)	8	8	
Toleranzklasse / TOLERANCE CLASS			5
Zahndicke / TOOTH THICKNESS s_n effective max.			1.056
Lehrenmass / GAGE DIMENSION			
Zahndicke / TOOTH THICKNESS s_n max.	2.715	3.709	1.013
(Einzelmessung / ACTUAL) min.	2.685	3.679	0.978
Messkugel-Ø / BALL DIA D_M	3.00	3.00	1.50
Pruefmass / MEASUREMENT OVER BALLS M_{DK} max.	100.553	49.712	38.441
(Einzelmessung / ACTUAL) min.	100.472	49.643	38.382