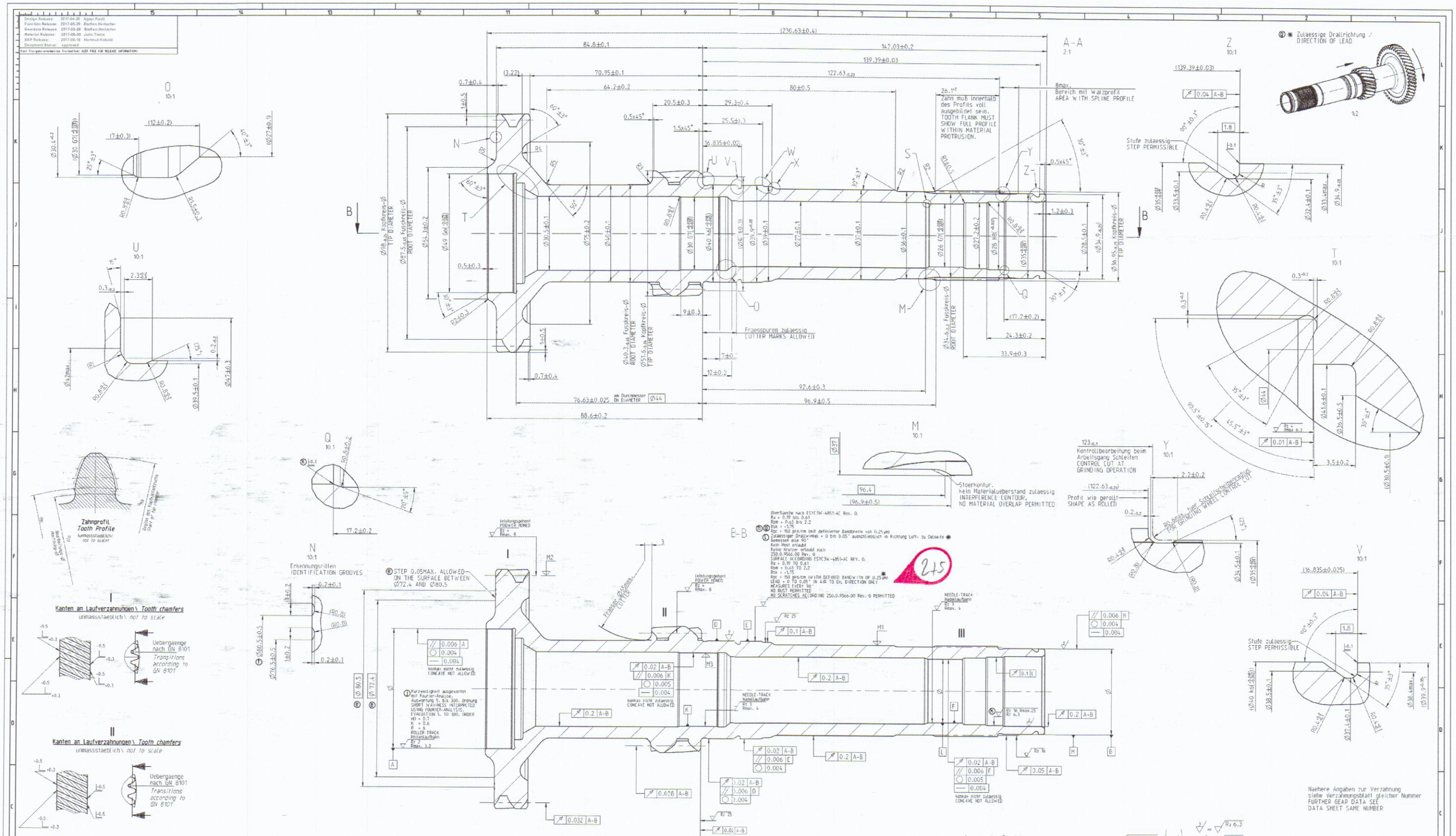
Design Release:	2017-04-28	Agapi.Raidt
Function Release:	2017-05-29	Steffen.Herlacher
Geardata Release:	2017-05-29	Steffen.Herlacher
Material Release:	2017-05-30	Julia.Tiarks
SAP Release:	2017-06-16	Hartmut.Kobald
Document Status:	approved	

(vor Freigabe/otmenoe Freigabe/ NOT FREE FOR RELEASE INFORMATION)



Aussenverzahnung / EXTERNAL GEAR				
Zahnwelle/ SPLINE DATA EXTERNAL				SAE PIPs : 32164
Bezugsdurchmesser / REFERENCE DIAMETER d_B				
Modul / NORMAL MODULE m_n		1.750	2.000	0.793750
Zaehnezahl / NUMBER OF TEETH : z		47	21	46
Eingriffswinkel / NORMAL PRESSURE ANGLE α_n		17.5°	20.0°	30.0°
Schraegungswinkel / HELIX ANGLE β		27.3°	22.0°	0°
Richtung / HAND OF HELIX		RIGHT. rechts	RIGHT. rechts	STRAIGHT. gerade
Bezugsprofil / BASIC RACK				
Profilverschiebung/ADDENDUM MODIFICATION x_m	Normalmass / Nominal	0.350	0.780	-0.166
Qualitaet / GEAR TOOTH QUALITY ISO/R1940		8	8	
Toleranzklasse / TOLERANCE CLASS				5
Zahndicke / TOOTH THICKNESS s_n (Referenzmass / BASE DIMENSION)	effective max.			1.056
Zahndicke / TOOTH THICKNESS s_n (Einzelmessung / ACTUAL)	max.	2.970	3.709	1.013
	min.	2.940	3.679	0.978
Messkugel-Ø / BALL DIA D_M		3.00	3.00	1.50
Messmass / MEASUREMENT OVER BALLS M_{DK} (Einzelmessung / ACTUAL)	max.	97.331	49.712	38.441
	min.	97.248	49.643	38.362

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