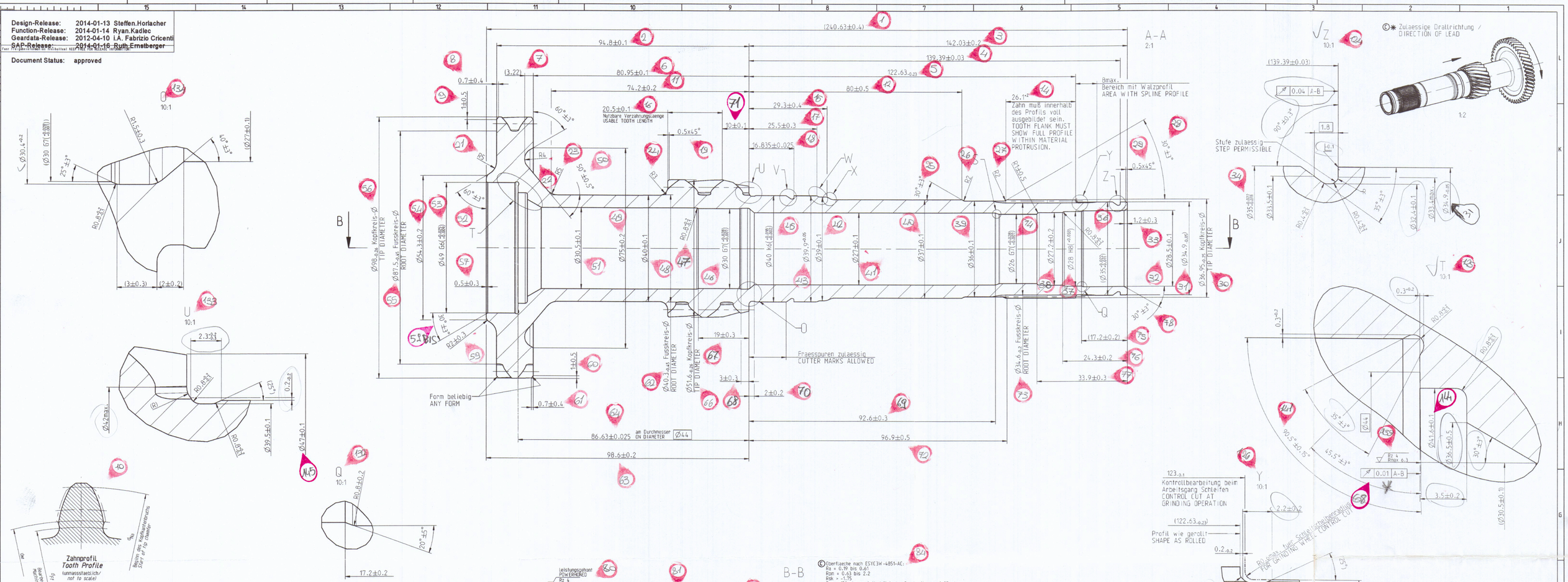
Design-Release: 2014-01-13 Steffen.Horlacher
Function-Release: 2014-01-14 Ryan.Kadlec
Geardata-Release: 2012-04-10 I.A. Fabrizio Cricenti
SAP-Release: 2014-01-16 Ruth.Ernetberger
Fuer Freigabehistorie bitte Arbeitsplan aufrufen bzw. Release-Information

Document Status: approved



Aussenverzahnung / EXTERNAL GEAR		I	II	III
Zahnwelle/ SPLINE DATA EXTERNAL				SAE PIPs : 32164
Bezugsdurchmesser / REFERENCE DIAMETER d_B				
Modul / NORMAL MODULE m_n		1.750	2.000	0.793750
Zahnezahl / 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 $x \cdot m_n$	Nennmass / NOMINAL	0.350	0.780	-0.166
Qualitaet / GEAR TOOTH QUALITY (DIN3961)		8	8	
Toleranzklasse / TOLERANCE CLASS				5
Zahndicke / TOOTH THICKNESS s_n Kehrmass / SAGE 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
Pruefmass / MEASUREMENT OVER BALLS M_{DK} (Einzelmessung / ACTUAL)	max.	97.331	49.712	38.441
	min.	97.248	49.643	38.362