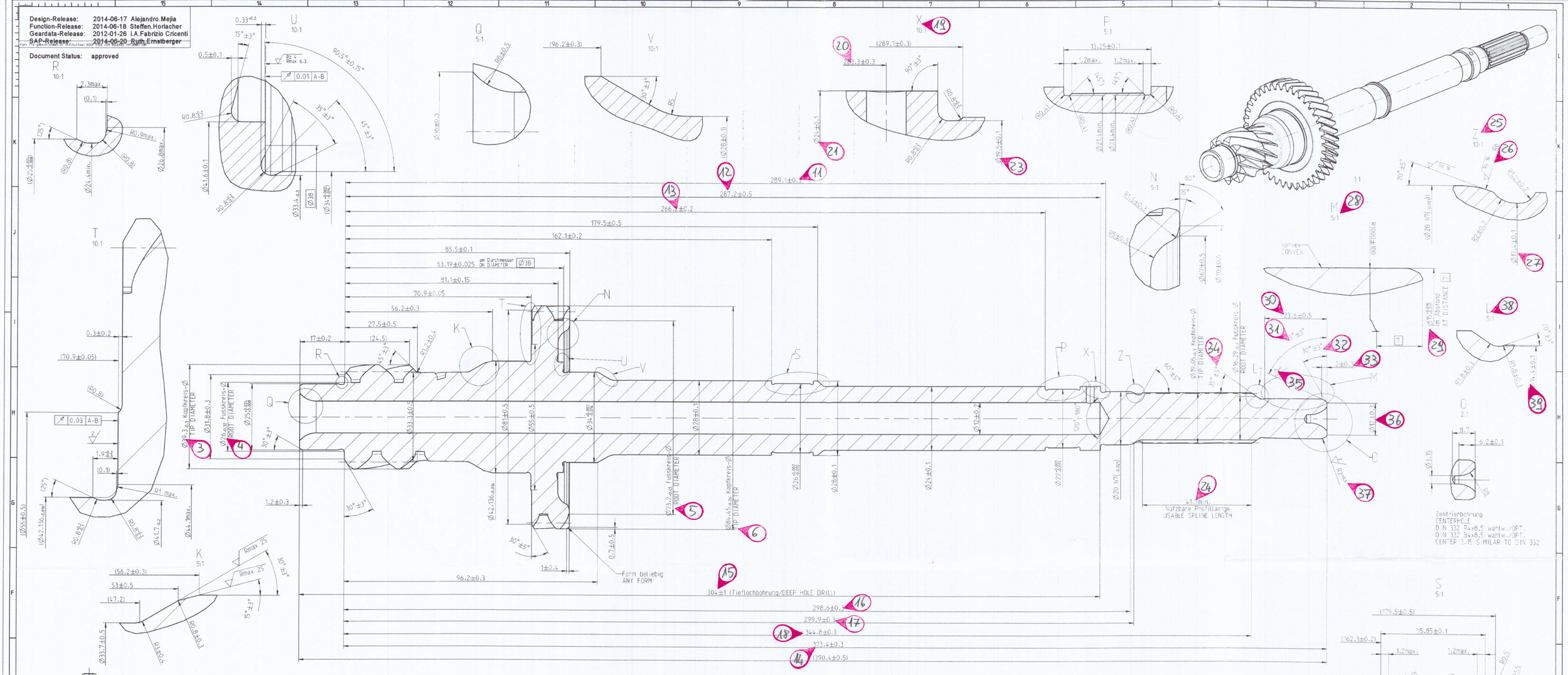
Design-Release:	2014-06-17	Alejandro.Mejia
Function-Release:	2014-06-18	Steffen.Horlacher
Geardata-Release:	2012-01-26	I.A.Fabrizio Cricenti
SAP-Release:	2014-06-20	Ruth.Ernstberger

Document Status: approved



Aussenverzahnung / EXTERNAL GEAR				
Zahnwelle/ SPLINE DATA EXTERNAL				SAE PIPs : 24148
Bezugsdurchmesser / REFERENCE DIAMETER d_B				
Modul / NORMAL MODULE m_n		2.450	1.750	1.058333
Zahnezahl / NUMBER OF TEETH : z		11	39	17
Eingriffswinkel / NORMAL PRESSURE ANGLE α_n		20.0°	17.5°	30.0°
Schraegungswinkel / HELIX ANGLE β		28.0°	30.0°	0°
Richtung / HAND OF HELIX		RIGHT. rechts	RIGHT. rechts	STRAIGHT. gerade
Bezugsprofil / BASIC RACK				
Profilverschiebung/ADDENDUM MODIFICATION xm_n	Nennmass / NORMAL	2.205	0.175	-0.015
Qualitaet / GEAR TOOTH QUALITY (DIN3965)		8	8	
Toleranzklasse / TOLERANCE CLASS				
Zahndicke / TOOTH THICKNESS s_n Bezugsmass / GAGE DIMENSION	effective max.			1.645
Zahndicke / TOOTH THICKNESS s_n (Einzelmessung / ACTUAL)	max.	5.454	2.859	1.622
	min.	5.424	2.829	1.583
Messkugel-Ø / BALL DIA D_M		5.00	2.50	2.00
Pruefmass / MEASUREMENT OVER BALLS M_{DK} (Einzelmessung / ACTUAL)	max.	41.220 (1)	81.190 (2)	20.889
	min.	41.171	81.094	20.830

I II III

Kanten an Laufverzahnungen \ Tooth chamfers unmasstaeblich \ not to scale

Uebergaenge nach GN 8101 Transitions according to GN 8101

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