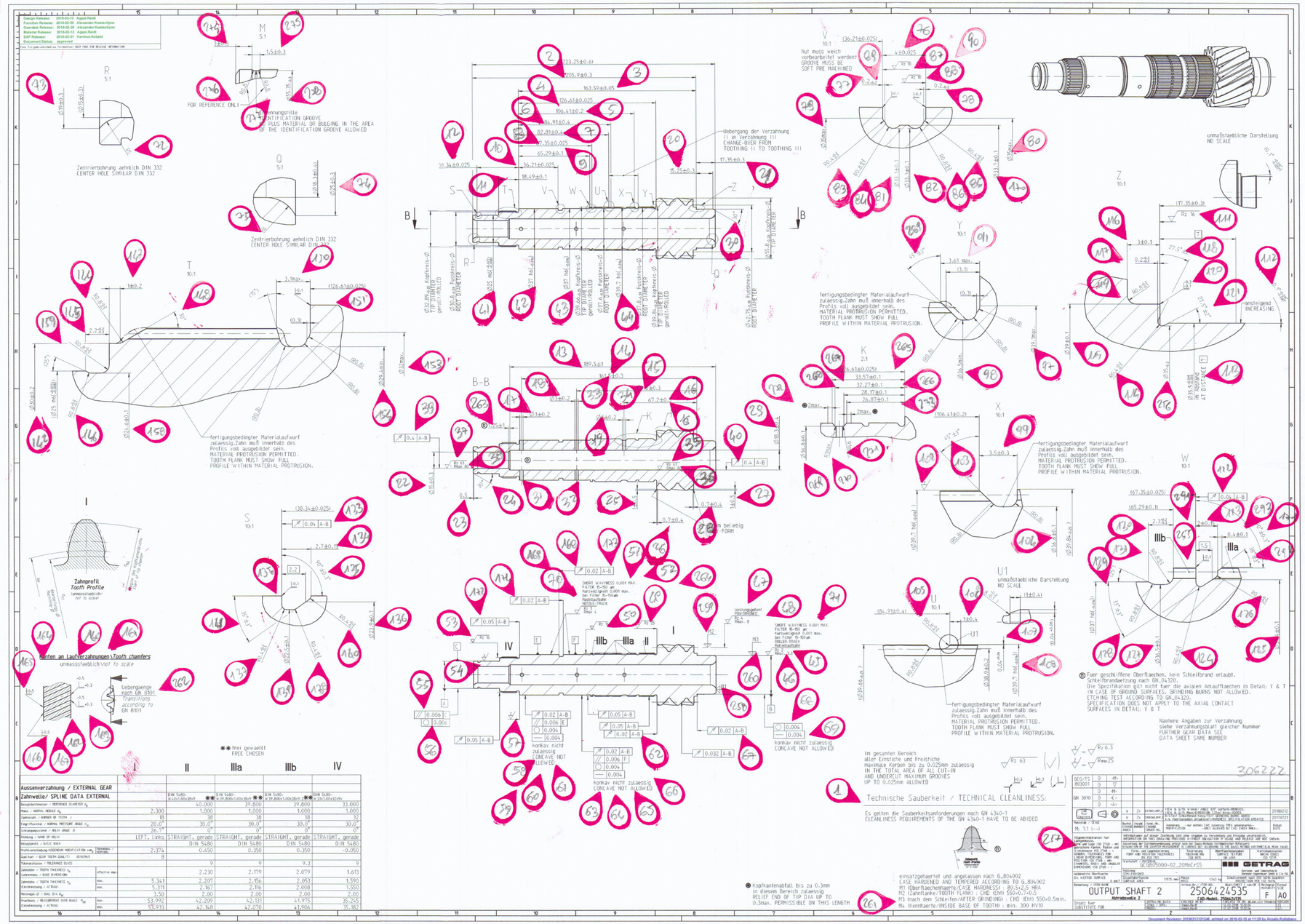
Design Release:	2018-02-12	Agaja Ranft
Function Release:	2018-02-20	Alexander Kwiatschjow
Geometry Release:	2018-02-20	Alexander Kwiatschjow
Material Release:	2018-02-12	Agaja Ranft
Surf.Hardn.Release:	2018-02-01	Hartmut Kolland
Status:	RELEASED	

Zur Freigabeinformation Verzahnung: SEE FREE FOR RELEASE INFORMATION



**frei gewählt
FREE CHOSEN

Aussenverzahnung / EXTERNAL GEAR		I	II	IIIa	IIIb	IV
Zahnwelle/ SPLINE DATA EXTERNAL			DIN 5480- w10x1.00x38vP	** DIN 5480- w 39.800x1.00x38vP	** DIN 5480- w 39.800x1.00x38vP	** DIN 5480- w 33x1.00x32vPv
Bezugsdurchmesser / REFERENCE DIAMETER d_B			40.000	39.800	39.800	33.000
Modul / NORMAL MODULE m_n		2.300	1.000	1.000	1.000	1.000
Zahnzahl / NUMBER OF TEETH z		18	38	38	38	32
Eingriffswinkel / NORMAL PRESSURE ANGLE α_n		20.0°	30.0°	30.0°	30.0°	30.0°
Schraegungswinkel / HELIX ANGLE β		26.7°	0°	0°	0°	0°
Richtung / HAND OF HELIX		LEFT, links	STRAIGHT, gerade	STRAIGHT, gerade	STRAIGHT, gerade	STRAIGHT, gerade
Bezugsprofil / BASIC RACK			DIN 5480	DIN 5480	DIN 5480	DIN 5480
Profilverschiebung/ADDENDUM MODIFICATION x=m	Nominal / NOMINAL	2.374	0.450	0.350	0.350	-0.050
Qualitaet / GEAR TOOTH QUALITY	ISO/DIN/JIS	8				
Toleranzklasse / TOLERANCE CLASS			9	9	9.3	9
Zahndicke / TOOTH THICKNESS s_n (Umrechnung / GAGE DIMENSION)	effective max.		2.230	2.179	2.079	1.613
Zahndicke / TOOTH THICKNESS s_n (Einzelmessung / ACTUAL)	max.	5.341	2.207	2.156	2.053	1.590
	min.	5.319	2.167	2.116	2.008	1.550
Messmaß (Z) / DIM. OVR d_M		3.50	2.00	2.00	2.00	2.00
Pruefmass / MEASUREMENT OVER BALLS (Einzelmessung / ACTUAL)	max.	53.992	42.209	42.131	41.975	35.245
	min.	53.933	42.148	42.070	41.906	35.182

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