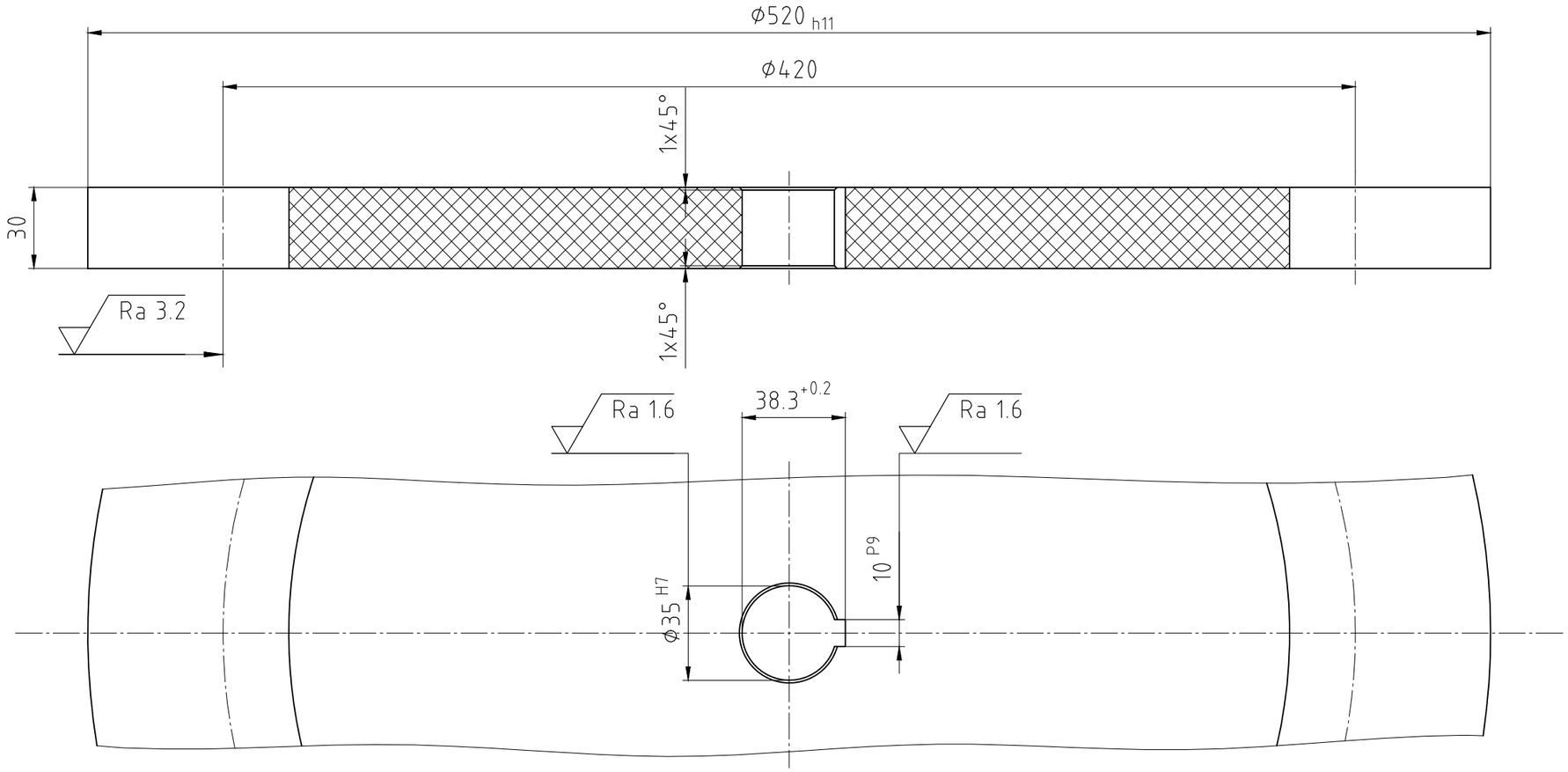

Ra 12.5 (Ra 1.6 Ra 3.2)

ϕ520	h11 0 -0.44 520 519.56
ϕ35	H7 +0.025 0 35.025 35
10	P9 -0.015 -0.051 9.985 9.949
Maß	Passung

SPUR GEAR	EXTERNAL GEAR	
BASIC TOOTH PROFILE (CUTTER II DIN3972)		20° DIN 867
NORMAL MODULE	mn	20
NUMBER OF TEETH	z	21
HELIX ANGLE	ß	0.0000
PITCH CIRCLE DIAMETER	d	420
BASIC CIRCLE DIAMETER	db	392,138
TOOTH WIDTH	b	30

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thyssenkrupp Industrial Solutions
Essen, Germany

Functional tolerances: DIN EN ISO 13920 Tolerance classification

Tolerances for machined surfaces: DIN ISO 2768 part 1/2 Tolerance classification mK

D
TS 9.01
No. of marks

Surface EN ISO 1302

list of Material

	Date	Name	Dep.
Drawn	13.02.19	REINZ	
Checked	20.02.19	Walther	
Static			
Approved			

Index	Revision	Date	Name	Checked	Origin

Used instead of:

Execution class acc. to DIN EN 1090-2 EXC2
Weld seams
Non destructive testing (NDT) DR 10.01
Valuation group acc. to DIN 22261-3

Tolerance setting ISO 8015

Scale 1:1 | Weight 5.6 kg

Material: Polyamid 6.6 | WB 0.9.00.30.1

PINION

OVERBURDEN IX

thyssenkrupp

Drawing-Ident No.	CH.	Key-No.	F	Sheet
4753365	CAD		3	1

Replaced by: | 1 Sheets