

© HPC DISC Stg. 7	AG: 930	BL. SHT. I	y of 9
BENENNUNG / NAME HPC DISC Stg. 7	OP: 01		
AUSGABE: ISSUE: 01	ZEICHN. NR.: DRWG NO.: NQFO11860 M3		
KOSTENSTELLE DEP. NO.	TYP BR700 NG		
MASCH.			
MG. MASCHINE NO. PR 087/104			
PLANER Mueller, Markus	DATUM 18-Nov-2024		
FORM- UND LAGETOLERANZEN SOWIE ALLGEMEINE TOLERANZEN NACH: INTERPRETATION OF DRAWING TOLERANCES TO: RRES 90004	SCHARFE KANTEN BRECHEN BREAK SHARP EDGES TO: $0.5 \pm 0.2$		

### CMM MESSMASCHINE

Genaue Messposition der Punkte HA und HB und der Linienformtoleranz  $0.2 \text{ N}$  siehe Seite 4.

⊕ Critical Feature

⊖ Significant Feature

YYY Beschriftung aus AG100

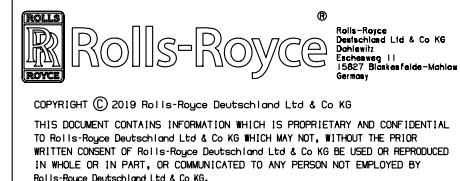
Basis AG wird ueber die 12 Mittelpunkte von Gauge Mass 9.84 als gemittelte Ebene global definiert.

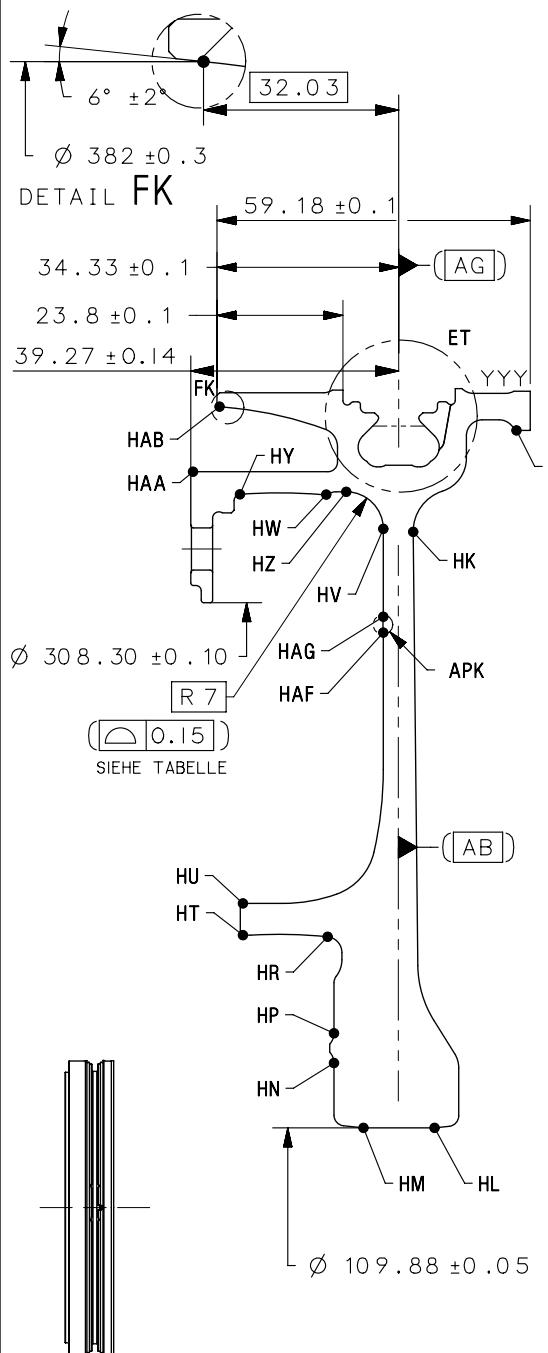
- Basis AG ist parallel zu Basis D.
- Die Gauge Punkte AG1 und AG2 werden ueber das Gauge Mass 9.84 (12 Sections) definiert.
- Das Gauge Mass ist senkrecht zu Basis D ausgerichtet.

Ebene N wird ueber den Mittelpunkt von Gauge Mass 9.84 lokal definiert.

- Basis N ist parallel zu Basis D.
- Die Gauge Punkte N1 und N2 werden ueber das Gauge Mass 9.84 definiert.
- Das Gauge Mass ist ausgerichtet zu D und M.

### KRITISCHES TEIL RRES 90000 UEBERWACHT





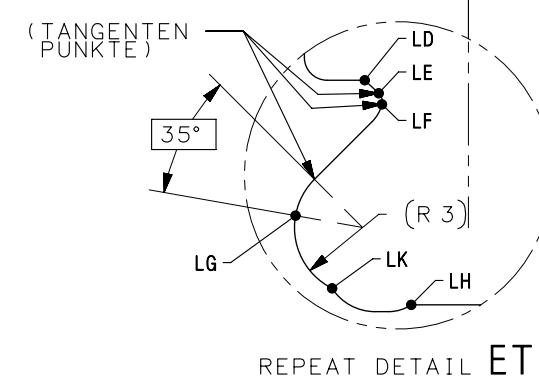
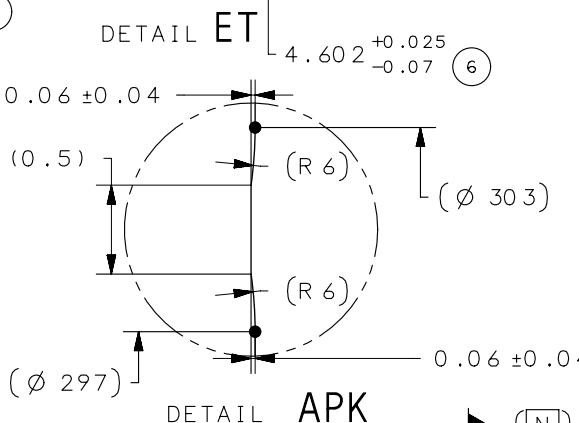
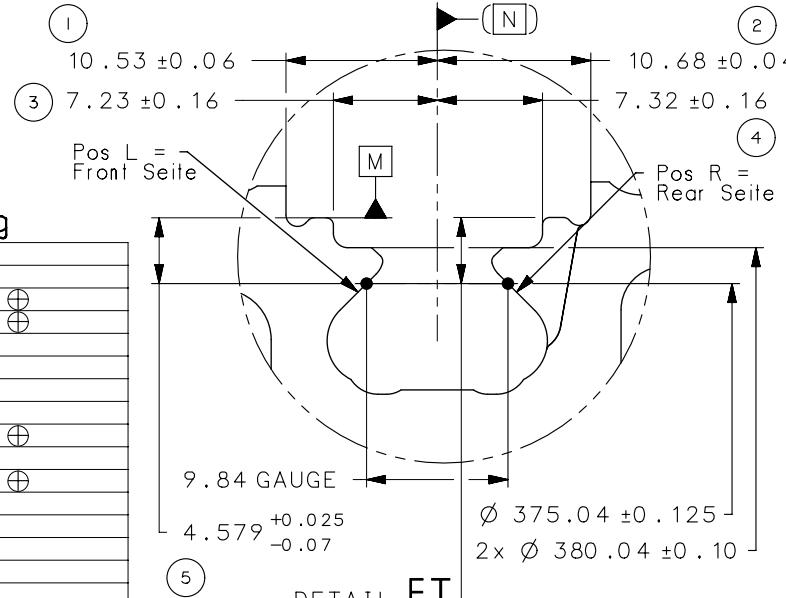
### Zeichnungsforderung

Definition der Profiltoleranzen	
Bereich	Toleranz
HJ - HK	$\square 0.30$ AG M $\oplus$
HK - HL	$\square 0.30$ AB M $\oplus$
HM - HN	$\square 0.30$ AB M
HN - HP	$\square 0.40$ AB M
HP - HR	$\square 0.30$ AB M
HR - HT	$\square 0.15$ AG M
HU - HAF	$\square 0.30$ AB M
HAF - HAG	$\square 0.50$ AB M
HAG - HV	$\square 0.30$ AB M $\oplus$
HV - HZ (R7)	$\square 0.15$
HZ - HW	$\square 0.30$ AG M
HW - HY	$\square 0.15$ AG M
HAA - HAB	$\square 0.30$ AG M
LD - LE	$\square 0.30$ N
LE - LF	$\square 0.15$ N
LF - LG	$\square 0.10$ N $\oplus$
LG - LK	$\square 0.20$ N
LK - LH	$\square 0.20$ N

Start-/Endpunkte fuer Linienformen		
Pkt	Durchmesser	Abstand zu AB
HJ	$\phi 373.4$	22.319
HK	$\phi 335.073$	2.811
HL	$\phi 109.88$	6.841
HM	$\phi 109.88$	-6.582
HN	$\phi 134.385$	-12.153
HP	$\phi 145.615$	-12.153
HR	$\phi 182.078$	-13.353
HT	$\phi 182.69$	-29.151
HU	$\phi 194.69$	-29.151
HAF	$\phi 297$	-2.838
HAG	$\phi 30.3$	-2.838
HV	$\phi 336.2$	-2.838
HZ	$\phi 350.2$	-9.838
HW	$\phi 349.15$	-13.619
HY	$\phi 349.253$	-29.915
HAA	$\phi 357.8$	-38.781
HAB	$\phi 382.382$	-33.772

Start-/Endpunkte fuer Linienformen		
Pkt	Durchmesser	Abstand zu N
LD	$\phi 380.04$	-4.57
LE	$\phi 378.891$	-3.954
LF	$\phi 377.913$	-3.811
LG	$\phi 368.103$	-7.621
LK	$\phi 361.695$	-6.009
LH	$\phi 360.24$	-2.52



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PLANNER Mueller, Markus	DATUM 18-Nov-2024	
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Genaue Messposition der Profil- und Linientoleranzen und der Merkmale 1-6 siehe Seite 4.

$\oplus$  Critical Feature

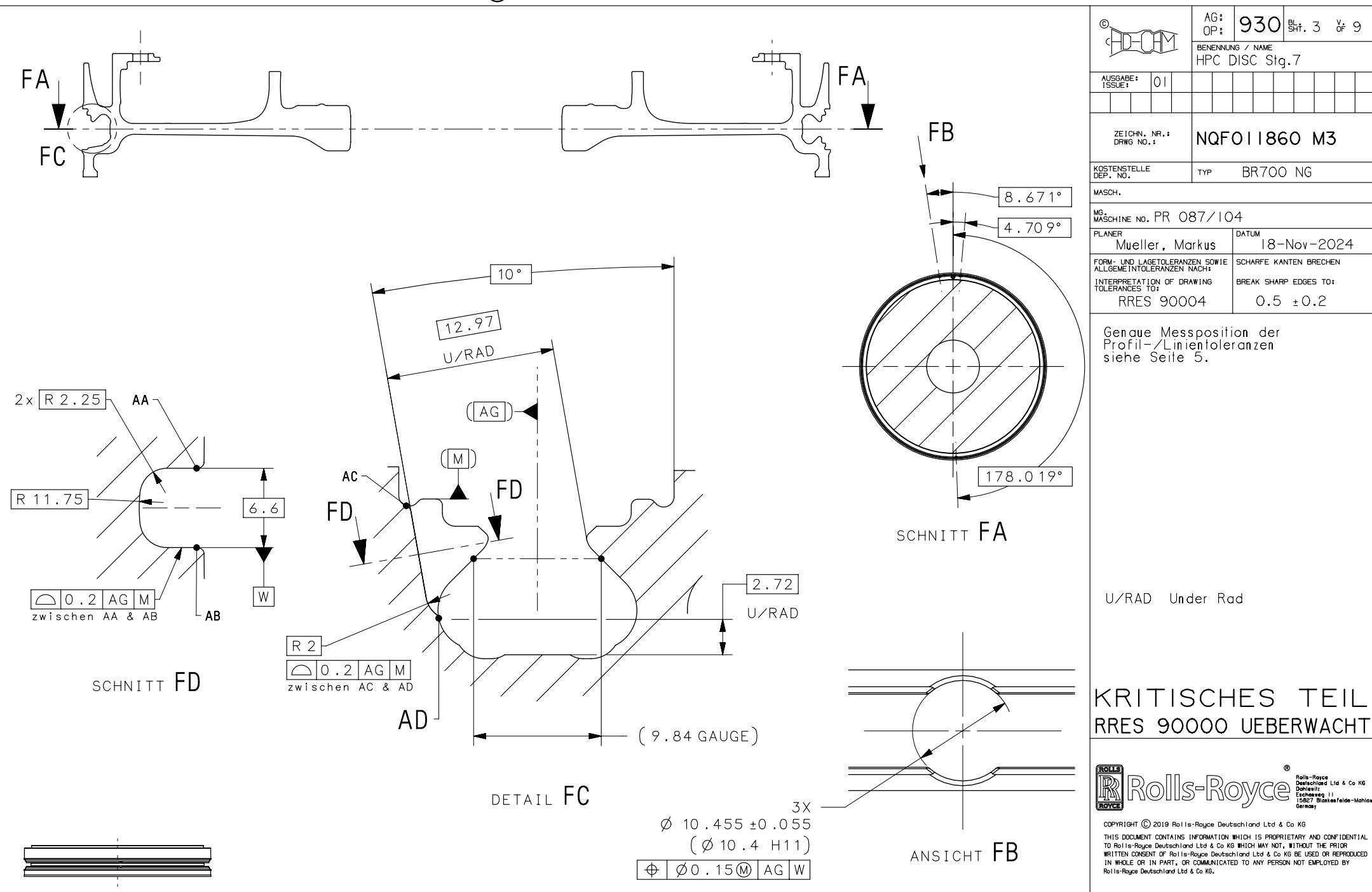
$\ominus$  Significant Feature

YYY Beschriftung aus AG100

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## CMM Strategie

DOVETAILMESSUNG 1-3:

LD → LE  $(\text{---} 0.3 \text{ N})$

LE → LF  $(\text{---} 0.15 \text{ N})$

LF → LG  $(\text{---} 0.1 \text{ N})$

LG → LK  $(\text{---} 0.15 \text{ N})$

LK → LH  $(\text{---} 0.2 \text{ N})$

DG-MESSUNG 1-3:

$(\text{---} 0.2 \text{ N})$

KONTURMESSUNG 1-3:

HJ → HK  $(\text{---} 0.3 \text{ AG M})$

HK → HL  $(\text{---} 0.3 \text{ AB M})$

HM → HN  $(\text{---} 0.3 \text{ AB M})$

HN → HP  $(\text{---} 0.4 \text{ AB M})$

HP → HR  $(\text{---} 0.3 \text{ AB M})$

HR → HT  $(\text{---} 0.15 \text{ AG M})$  (x 32 – siehe S.7)

HU → HAF  $(\text{---} 0.3 \text{ AB M})$

HAF → HAG  $(\text{---} 0.5 \text{ AB M})$

HAG → HV  $(\text{---} 0.3 \text{ AB M})$

HV → HZ (R7)  $(\text{---} 0.15)$

HZ → HW  $(\text{---} 0.3 \text{ AG M})$

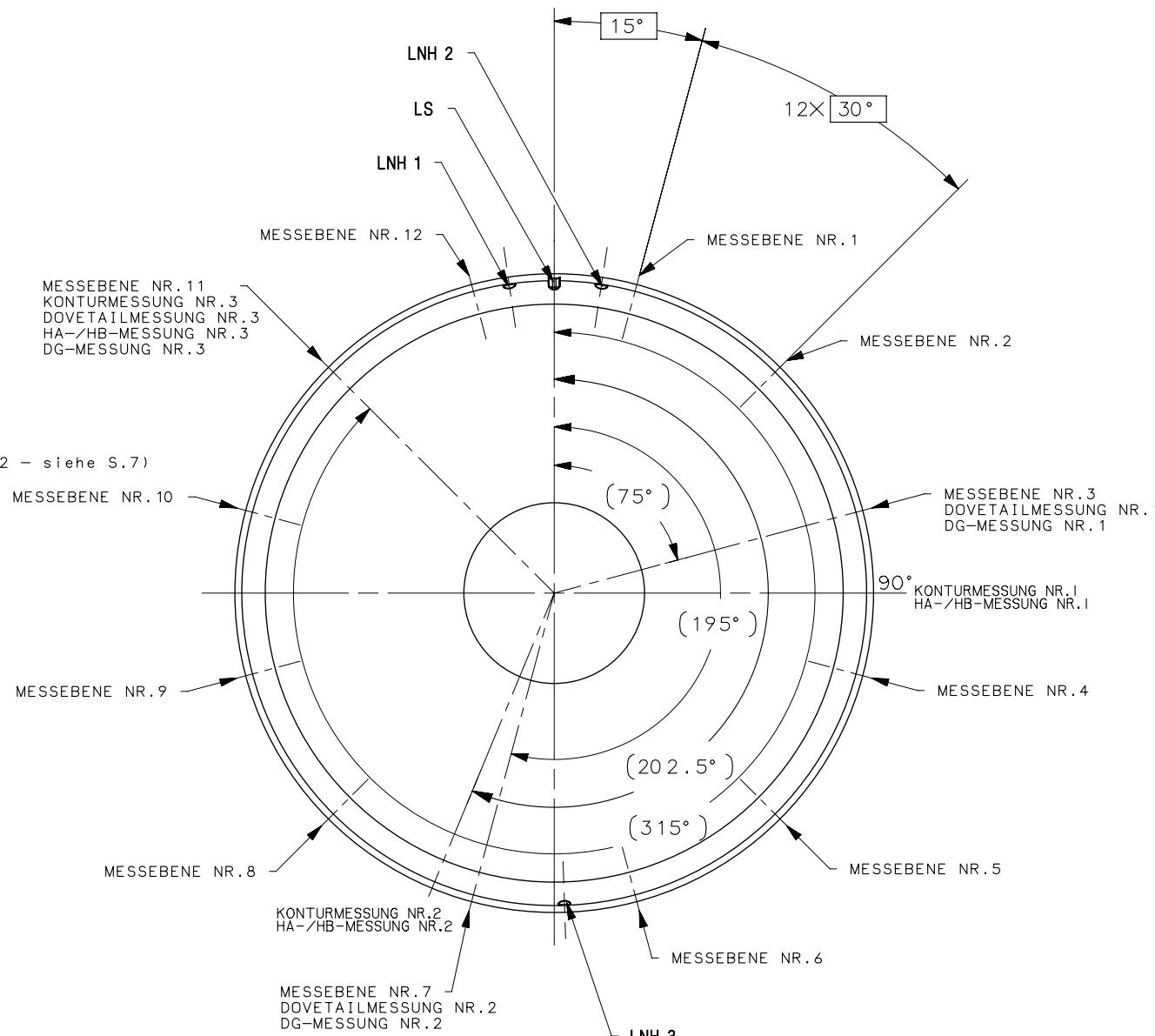
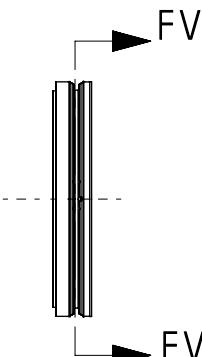
HW → HY  $(\text{---} 0.15 \text{ AG M})$

HAA → HAB  $(\text{---} 0.3 \text{ AG M})$

MESSEBENE 1-12:

MERKMALE 1-6

GAUGE MASS



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INTERPRETATION OF DRAWING TOLERANCES TO:		BREAK SHARP EDGES TO:	
RRES 90004		0.5 ± 0.2	

LNH: LOCKING NUT HOLE

LS: LOADING SLOT

DG: DOVETAILGRUND

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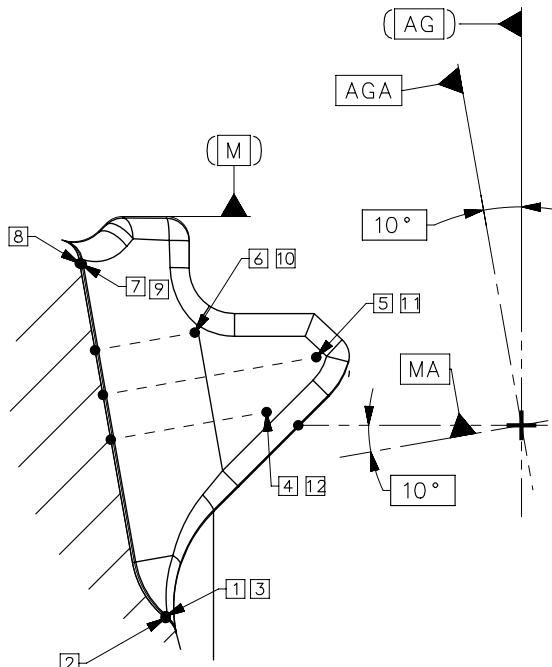


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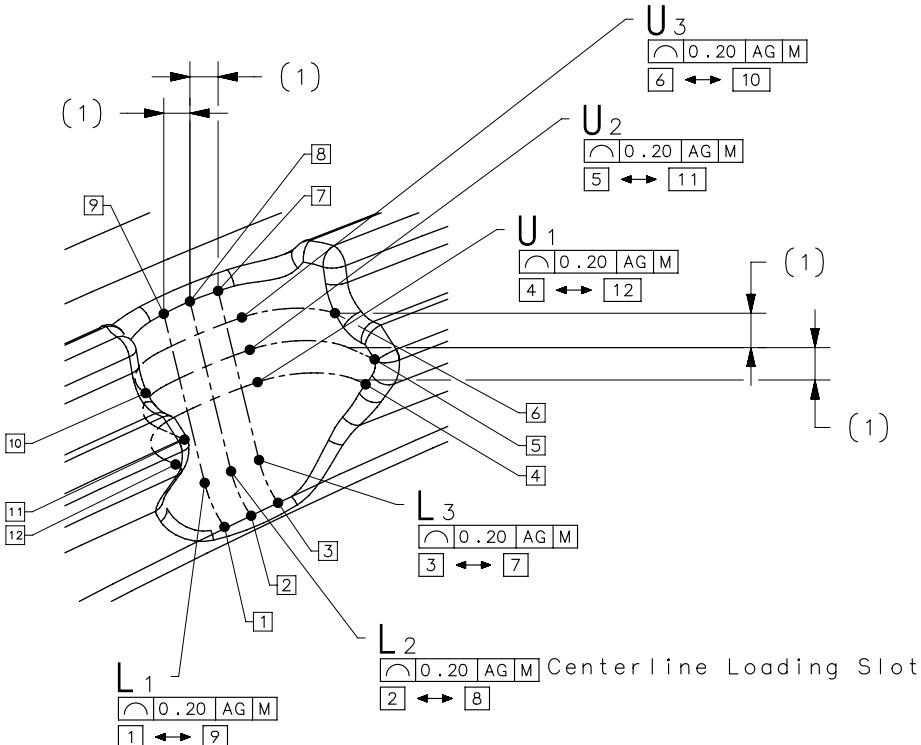
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Start- und Endpunkte 1 bis 12 der Linienform-Zuege im Loading Slot

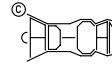


REPEAT DETAIL FC (BSE 0,5)



REPEAT DETAIL FC ISOMETRIC (BSE 0,7)

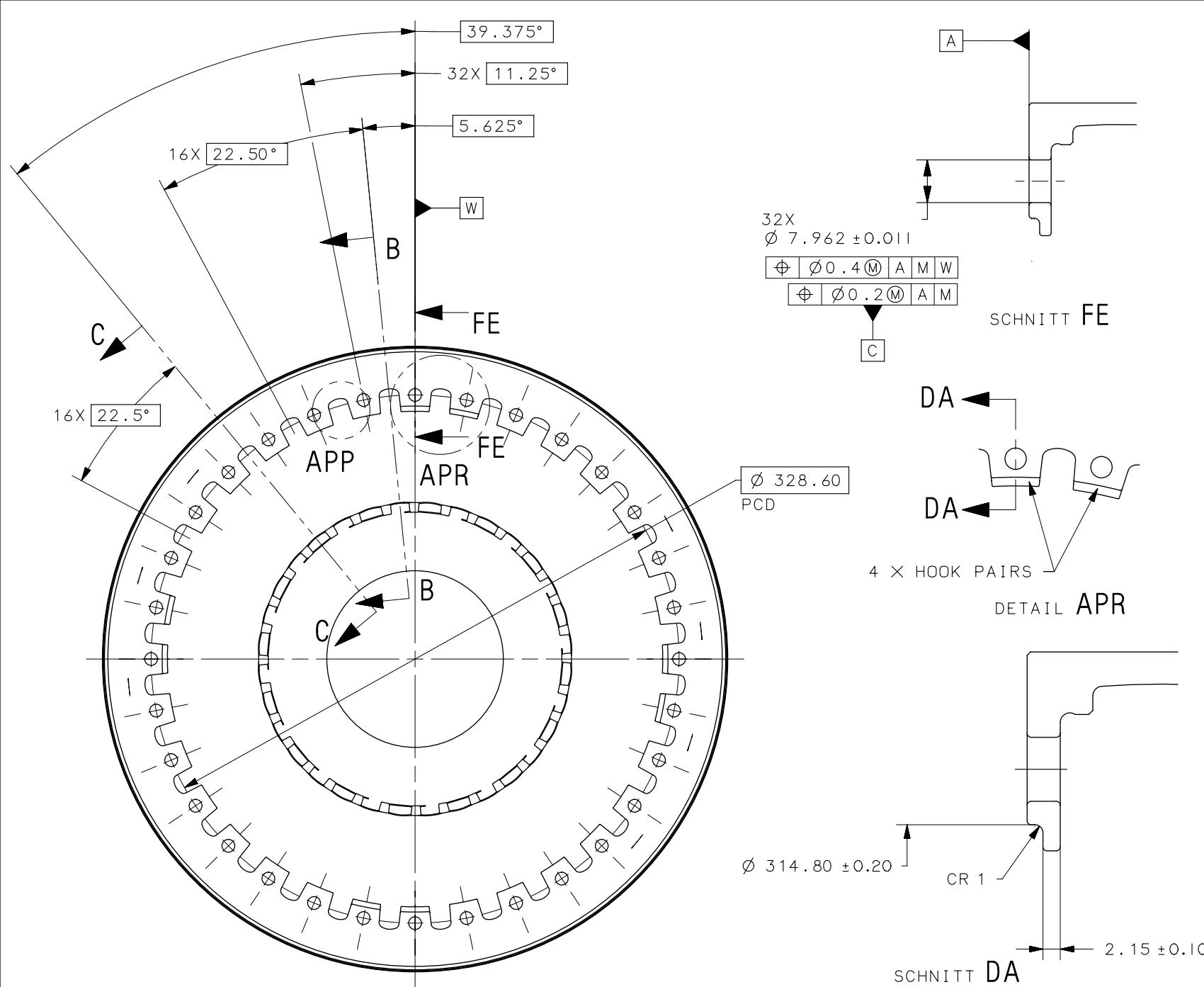
Position der Start-/Endpunkte (AA-AD) der Linienformen		
Pkt	Abstand zu MA	Abstand zu AGA
1, 3	- 2.78	- 8.453
2	- 2.821	- 8.462
4, 12	1.263	- 5.483
5, 11	2.263	- 4.195
6, 10	3.263	- 6.737
7, 9	5.178	- 8.927
8	5.205	- 8.969

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PLANER Mueller, Markus	DATUM 18-Nov-2024			
FORM- UND LAGETOLERANZEN SOWIE ALLGEMEIN TOLERANZEN NACH: RRES 90004	SCHARFE KANTEN BRECHEN INTERPRETATION OF DRAWING TOLERANCES TO: BREAK SHARP EDGES TO: 0.5 ± 0.2			

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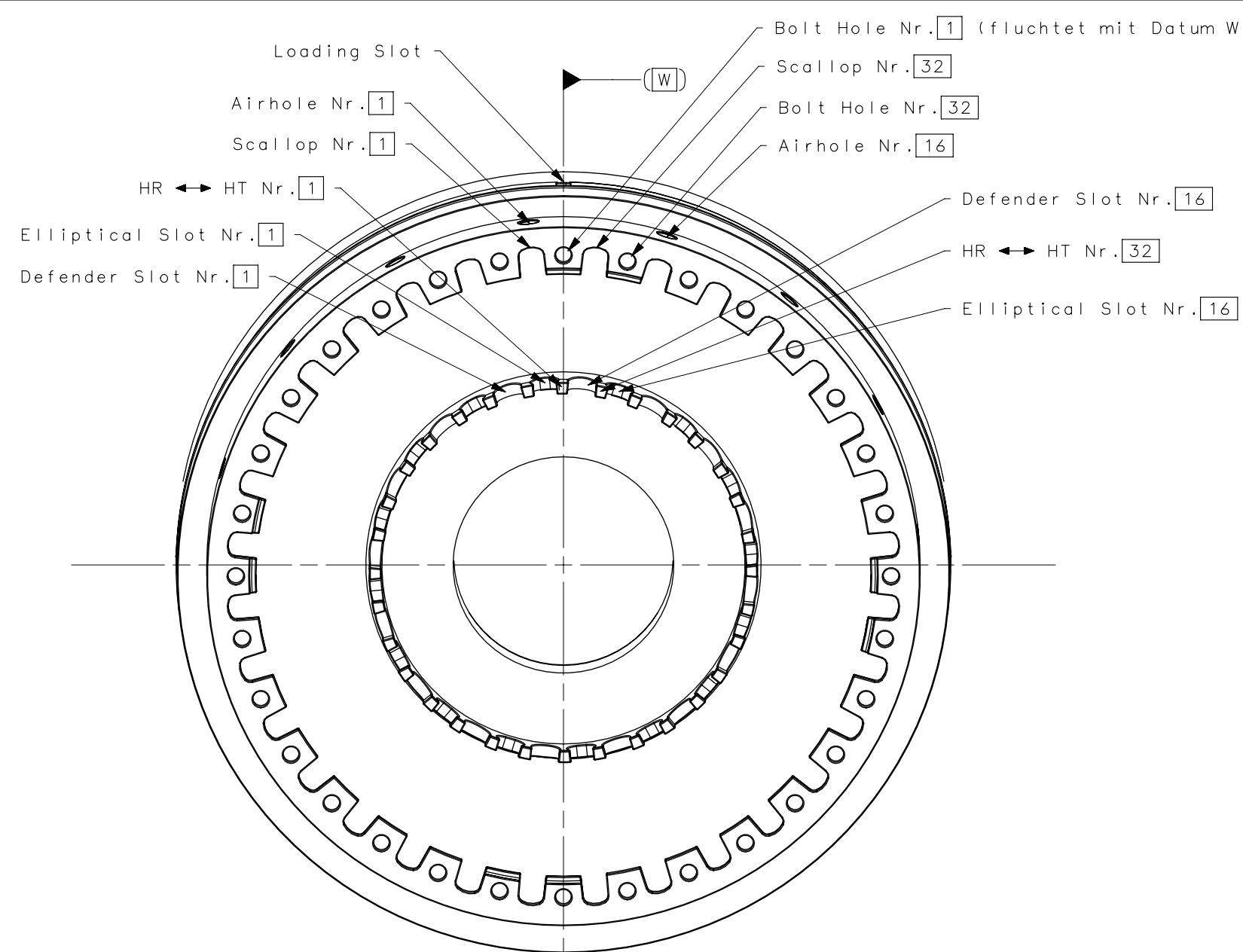


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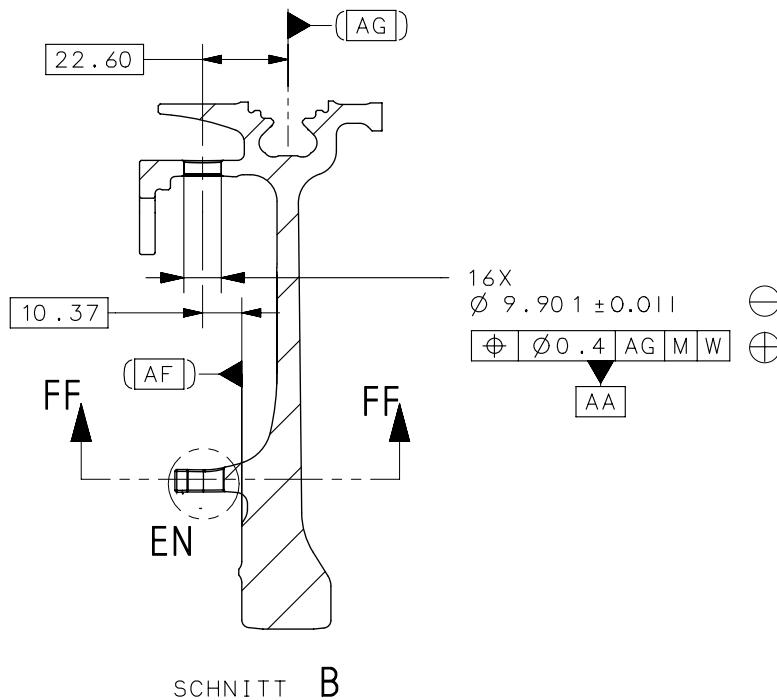


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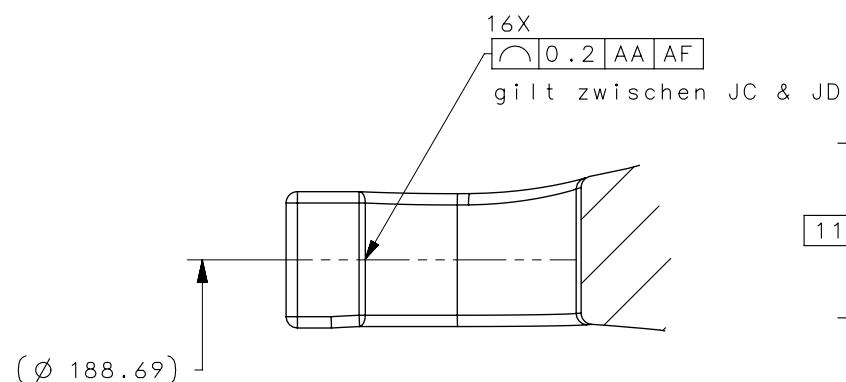
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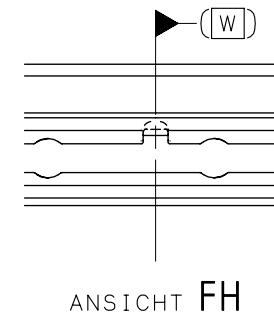
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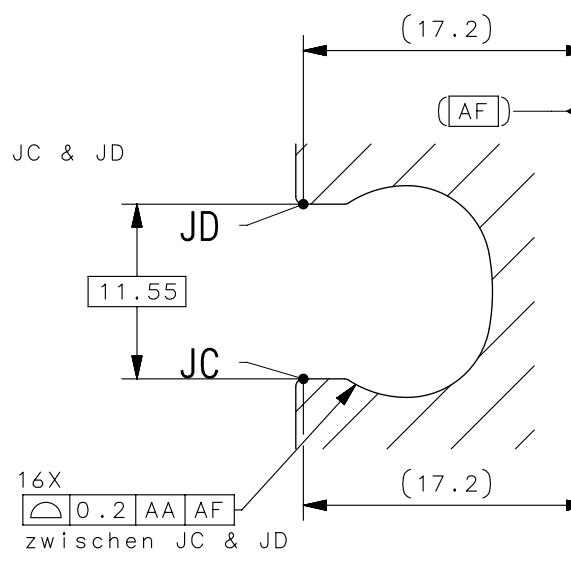
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DETAIL EN



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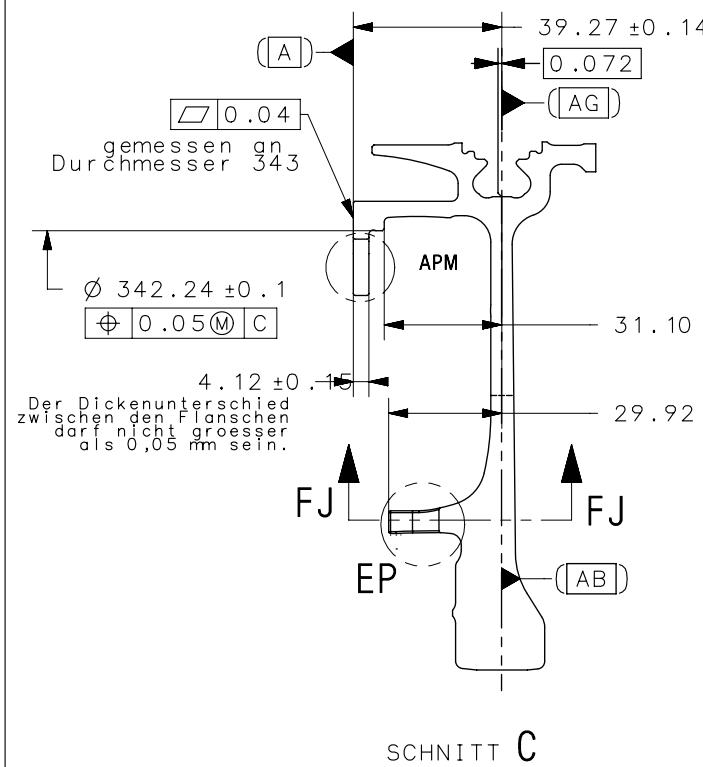
$\oplus$  Critical Feature

$\ominus$  Significant Feature

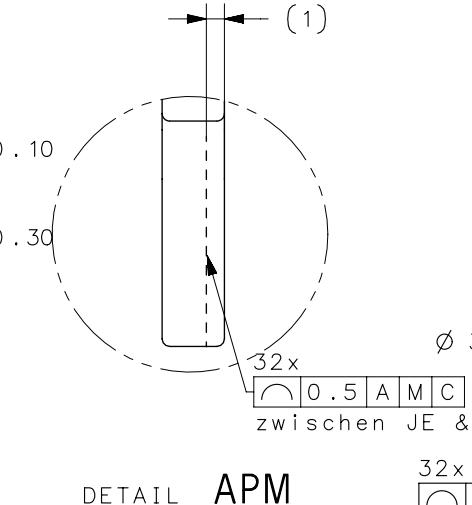
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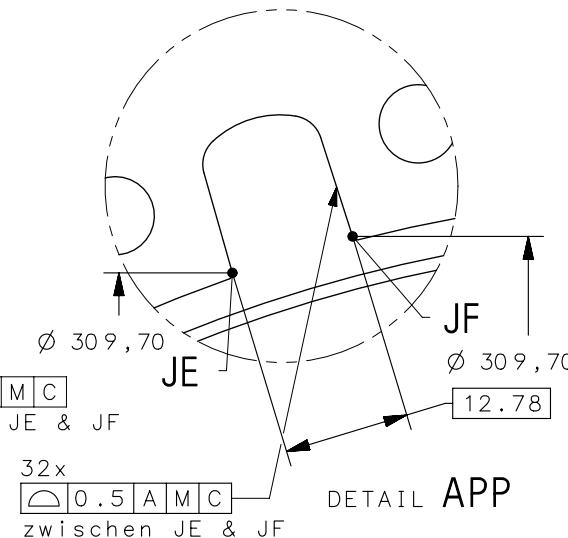
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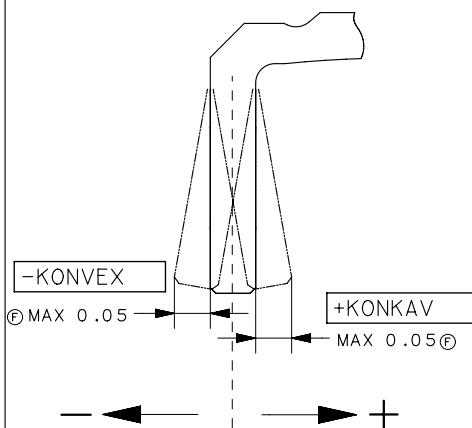
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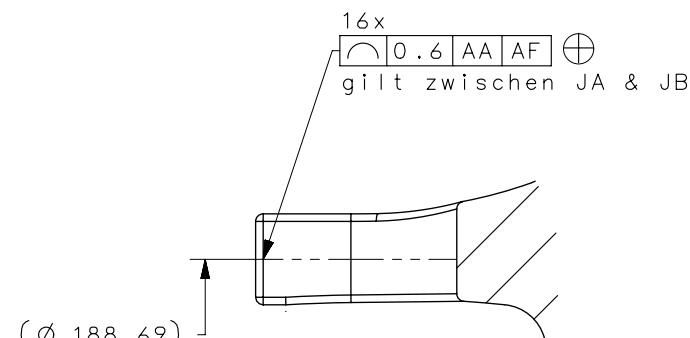
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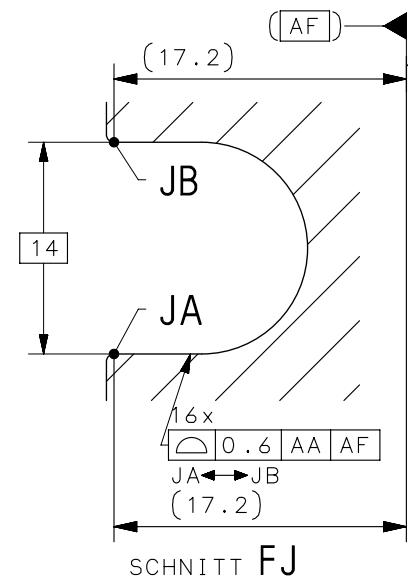
⊖ Significant Feature



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