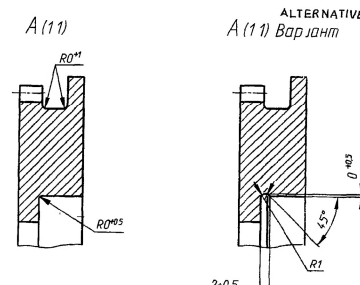
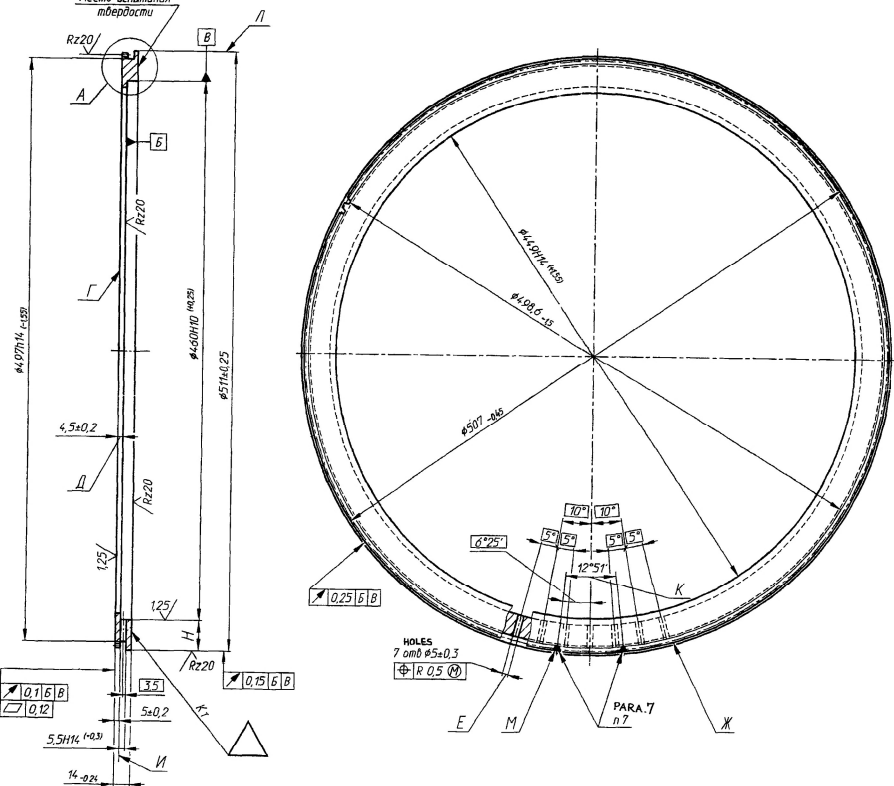


DRAWING NUMBER
172.40.321

SHEET No. 1 OF 1

PLACE FOR TESTING
HARDNESS
Место испытаний
твердости

Rz80



Module	m	3
Number of teeth	Z	168
Profile angle	α'	20°
Co-efficient of addendum	h_a^*	0.7
Co-efficient of bottom clearance	C^*	0.2
Fillet radius	ρ_f	0.3
Addendum modification coefficient	X	0
Base tangent length	W	170.89 - 0.2
Drawing no of mated components		172.40.302 172.40.303

- BHN 285 - 341
- Location of hole E relative to teeth is arbitrary.
- Base tangent length may be decreased up to 169.69mm not more than in 10 teeth
- Along profile of teeth longitudinal marks with depth 0.4^{mm} are allowed
- Difference in depth of teeth should be checked. In this case difference in measurement of depth of any pair of teeth should be 0.1^{mm}
- Instead of checking runout of surfaces F and J, difference in thickness along dimension J and H correspondingly may be checked. In this case difference in measurements should be 0.1^{mm}
- Two tooth spaces should be welded to a depth 3^{mm} . In this case following is not allowed:
 - Overlapping with build up metal in the section of hole E and projection of build up metal over surface F and K.
 - Projection of build up metal over surface H 0.5^{mm} is allowed.
 - Gas shielded welding should be done.
 - Shifting of tooth space M from nominal position 0.4^{mm} is allowed.
 - Length of arc K to corresponding to 6 pitches
- Coating: Chemical oxidizing, oil finish
- Other requirements are as per specification 520 TY1

DRG INDANISED BASED ON RUSSIAN ORIGINAL ISSUE -NL

356
SUPPLY CODE
U-01-1-2
D60056

F-77
19
SIZE A3x3

PILOT SAMPLE SHOULD BE APPROVED BY A H S P BEFORE BULK PRODUCTION.

EST WT (kg) 35
TO BE STAMPED OR MARKED WHERE INDICATED THUS # (LETTERS)
ALL SHARP EDGES AND CORNERS TO BE REMOVED UNLESS OTHERWISE STATED MACHINED CORNERS TO HAVE R OUTSIDE R INSIDE EQUIVALENT CHAMFERS ARE PERMISSIBLE

DRN	6.0000	MATERIAL	STEEL 38XG ГОСТ 4343-71	USED ON	172 40cb-1Cb 172 40 050cbCb 172 40cb-2Cb 172 40 051cbCb
CHD	<i>04.0</i>	CONTROLLERATE OF QUALITY ASSURANCE (HEAVY VEHICLES)			
APD	<i>04.0</i>	AVADI			
DATE	03.12.04	TITLE			
SCALE	1:2	BOOSTER			
DIMENSIONS IN mm		D S CAT NUMBER			
TOLERANCE ON DIMS UNLESS OTHERWISE STATED IS: 2102-69		DRAWING NUMBER			
ALL THREADS TO CONFORM TO		172.40.321			
ISSUE DATE		NATURE OF AMENDMENTS			