

Technical drawing of a mechanical part, likely a valve or fitting, showing a cross-section with various dimensions and tolerances.

Dimensions and Tolerances:

- Overall diameter: $\phi 35,009$
- Inner bore diameter: $\phi 13,464$
- Outer diameter (top): $\phi 24,291^*$
- Outer diameter (bottom): $\phi 20$
- Top flange thickness: $3,22^*$
- Bottom flange thickness: $3,22_{-0,048}$
- Distance from center to top flange: $14,791$
- Distance from center to bottom flange: $11,79$
- Distance from center to the start of the top flange: $3,22^*$
- Distance from center to the start of the bottom flange: 3
- Distance from center to the start of the top flange (inner): $10,062$
- Distance from center to the start of the bottom flange (inner): $5,79$
- Distance from center to the start of the top flange (outer): $33,541$
- Distance from center to the start of the bottom flange (outer): $18,289$
- Distance from center to the start of the top flange (outer, inner): $13,5$
- Distance from center to the start of the bottom flange (outer, inner): $14,995$
- Distance from center to the start of the top flange (outer, inner): $2,79$
- Distance from center to the start of the bottom flange (outer, inner): $1,5$
- Distance from center to the start of the top flange (outer, inner): $1,5$
- Distance from center to the start of the bottom flange (outer, inner): 3
- Distance from center to the start of the top flange (outer, inner): $3,22^*$
- Distance from center to the start of the bottom flange (outer, inner): $3,22_{-0,048}$
- Distance from center to the start of the top flange (outer, inner): $3,22^*$
- Distance from center to the start of the bottom flange (outer, inner): $3,22_{-0,048}$

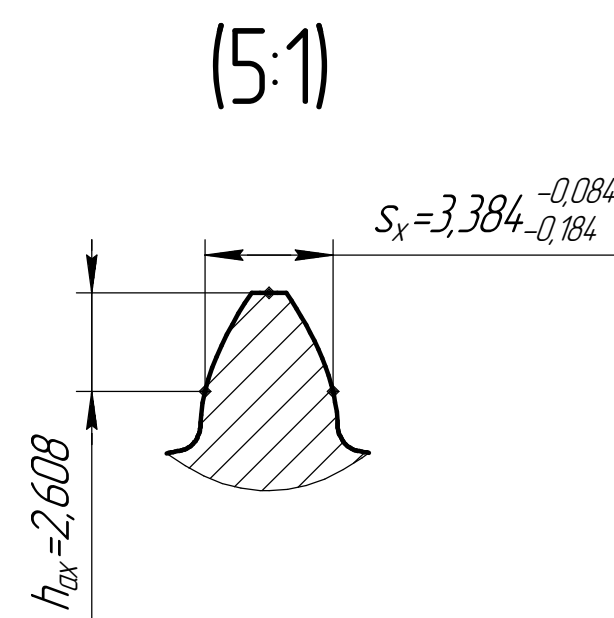
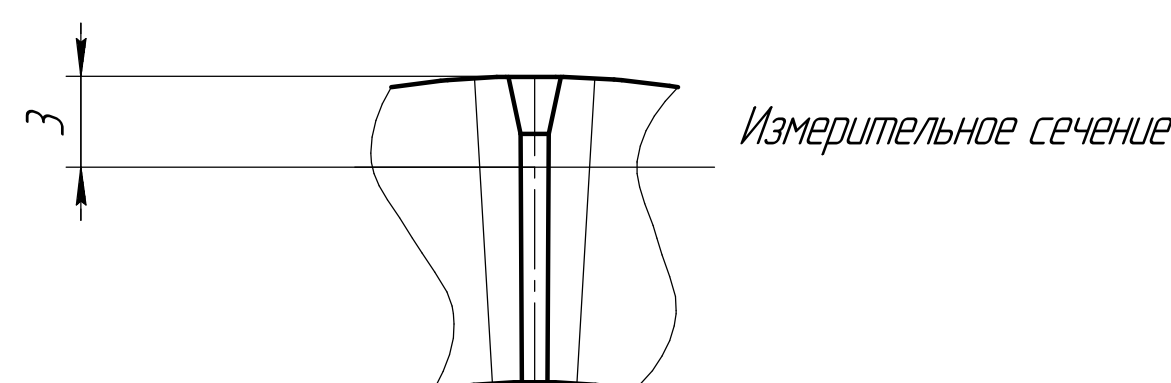
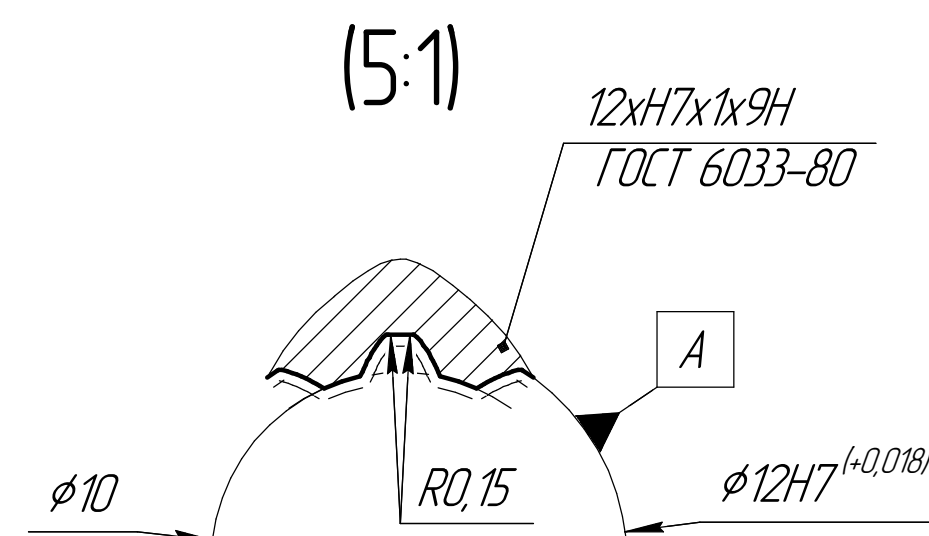
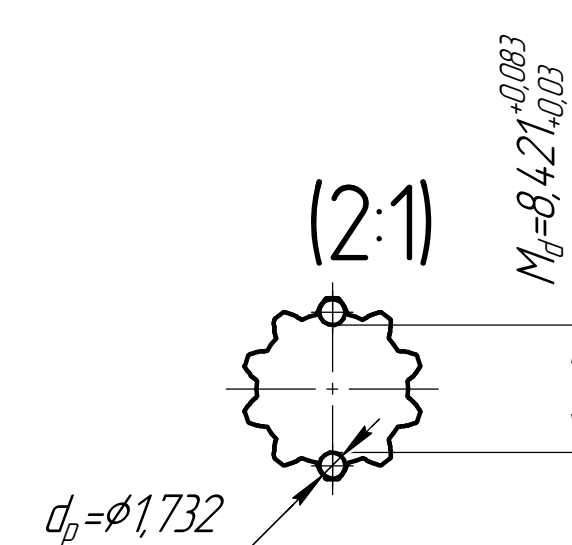
Angles:

- Top flange angle: $63^\circ 26' 6''$
- Bottom flange angle: 30°
- Internal angle: 120°
- External angle: $32^\circ 00' 54''$

Surface Roughness (Ra):

- Top flange: $Ra 0,80$
- Bottom flange: $Ra 0,2$
- Internal bore: $Ra 3,2$
- External surface: $Ra 0,03$

Section Line: E



- 1 *Размер для справок.
2 Острые кромки притупить.
3 ТВЧ 36...42 HRC поверхностей E и Ж.
4 Неуказанные предельные отклонения размеров h_{14} , H_{14} , $\pm \frac{IT_{14}}{2}$.

						ЦИ/ЛЧ.3050.ПЧ.430.009		
Изм./Лист	№ докум.	Подп.	Дата	Шестерня вертикального вала		Лист	Масса	Масштаб
Разработ.	Воронин	***	30.02.2023				0,04	4:1
Проект.	Глазкова	***	30.02.2023					
Т.контр.	Чепиго					Лист	Листов	1
Н.контр.	Никитин	***	30.02.2023	Сталь 40Х ГОСТ 4543-2016			СКБ №1	
Чтб	Бычев	***	30.02.2023					