

РАСЧЕТ И ПОСТРОЕНИЕ ЧЕРТЕЖА БАЗОВОЙ КОНСТРУКЦИИ МУЖСКОЙ СОРОЧКИ

ПЛАН

- 1. Исходные данные для проектирования**
- 2. Построение базисной сетки чертежа**
- 3. Построение спинки**
- 4. Построение полочки**
- 5. Построение рукава**
- 6. Построение воротника**

ОПРЕДЕЛЕНИЕ ИСХОДНЫХ ДАННЫХ

1. Размерные признаки

2. Прибавки

Размерные признаки

- Р; Сш; Сг₃;
- Ст; Сб; Шс; Шг; Шп.
- Дтс₂; Дтп₂; Впрз₂; Впк₂; Впкп₂; Ди.
- Оп; Др.

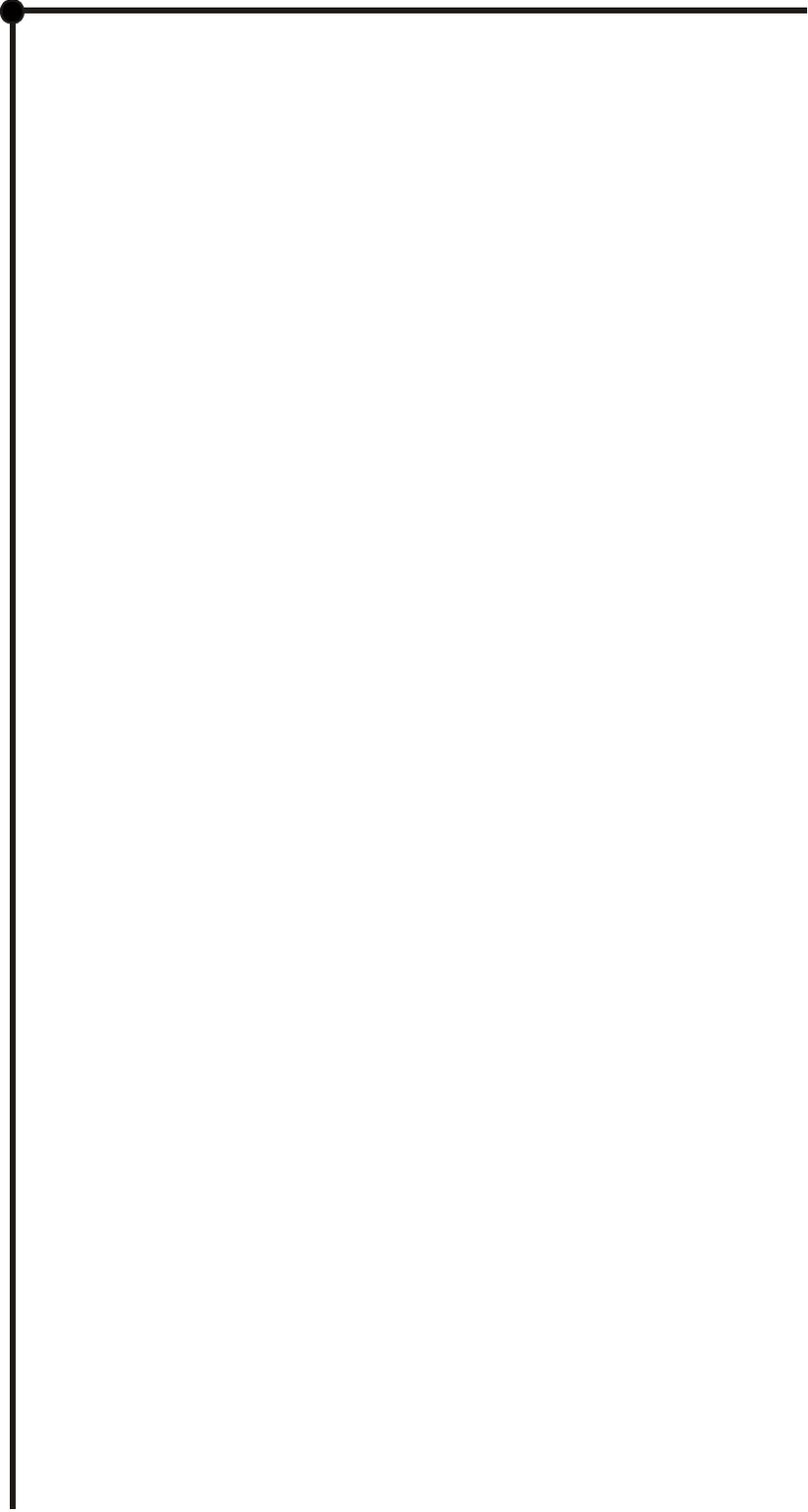
Прибавки

Наименование изделия	Величина прибавки, см					Рекомендуемый вид рукава
	Всего Пг	Пшс	Пшп	Пб	Пспр	
1. Сорочка мужская полуприлегающего силуэта	6,0 - 7,0	1,8 - 2,0	1,2 - 1,4	2,0 - 3,0	2,0 - 2,5	Втачной
2. Сорочка мужская прямого силуэта	7,0 - 8,0	2,4 - 3,0	1,4 - 1,8	2,5 - 3,0	2,5 - 3,0	Реглан-пагон, цельновыкроенный, с квадратной проймой
2. Блуза мужская прямого силуэта	8,0 - 11,0	2,8 - 3,9	2,0 - 2,8	4,0 - 5,5	3,5 - 4,0	Втачной, цельновыкроенный, с квадратной проймой

Рубашка: Пдтс = 0,5; Пшгор = 0,5 – 0,7

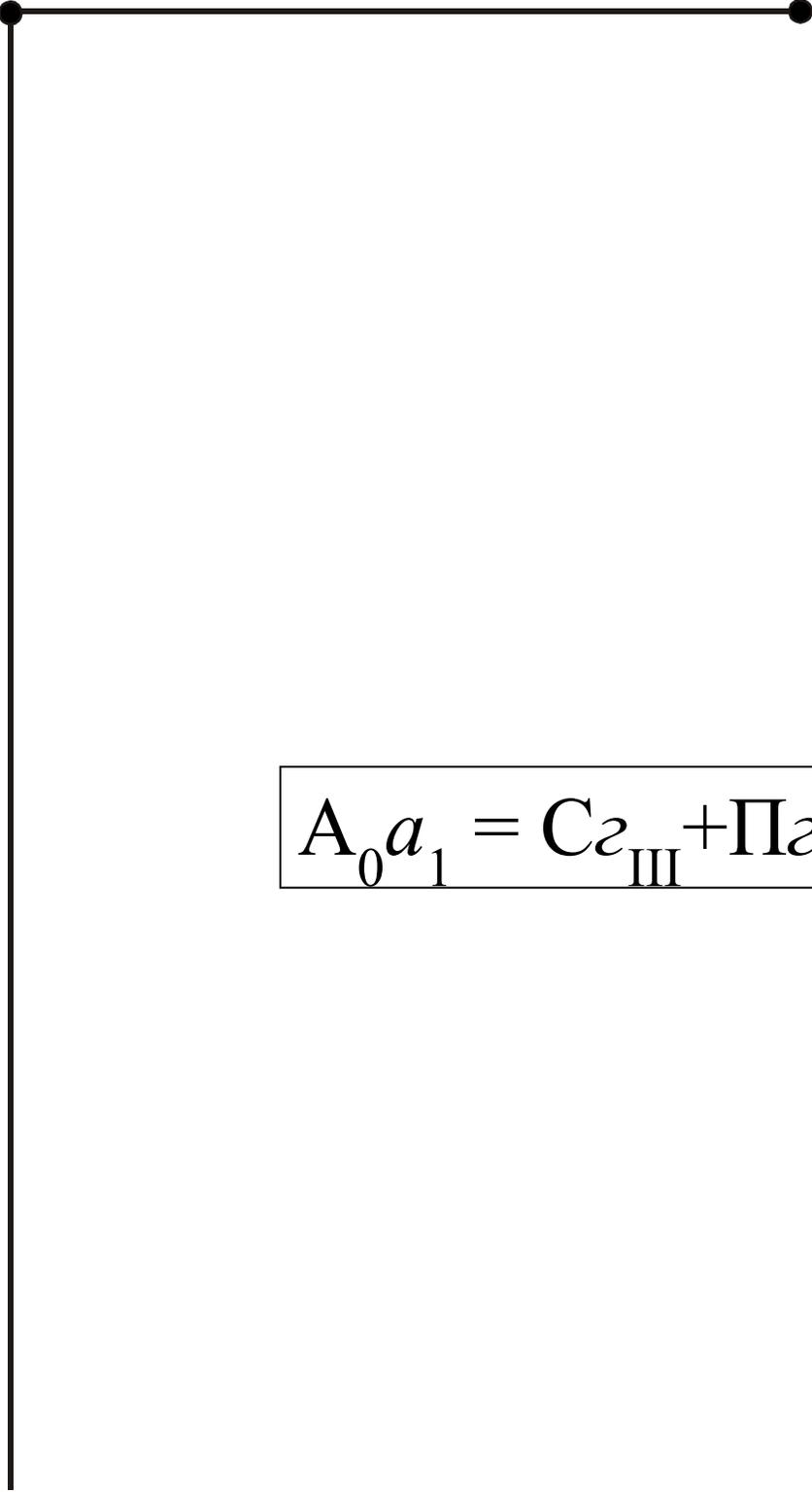
Блуза: Пдтс = 0,6; Пшгор = 0,6 – 0,8

A_0



A_0

a_1

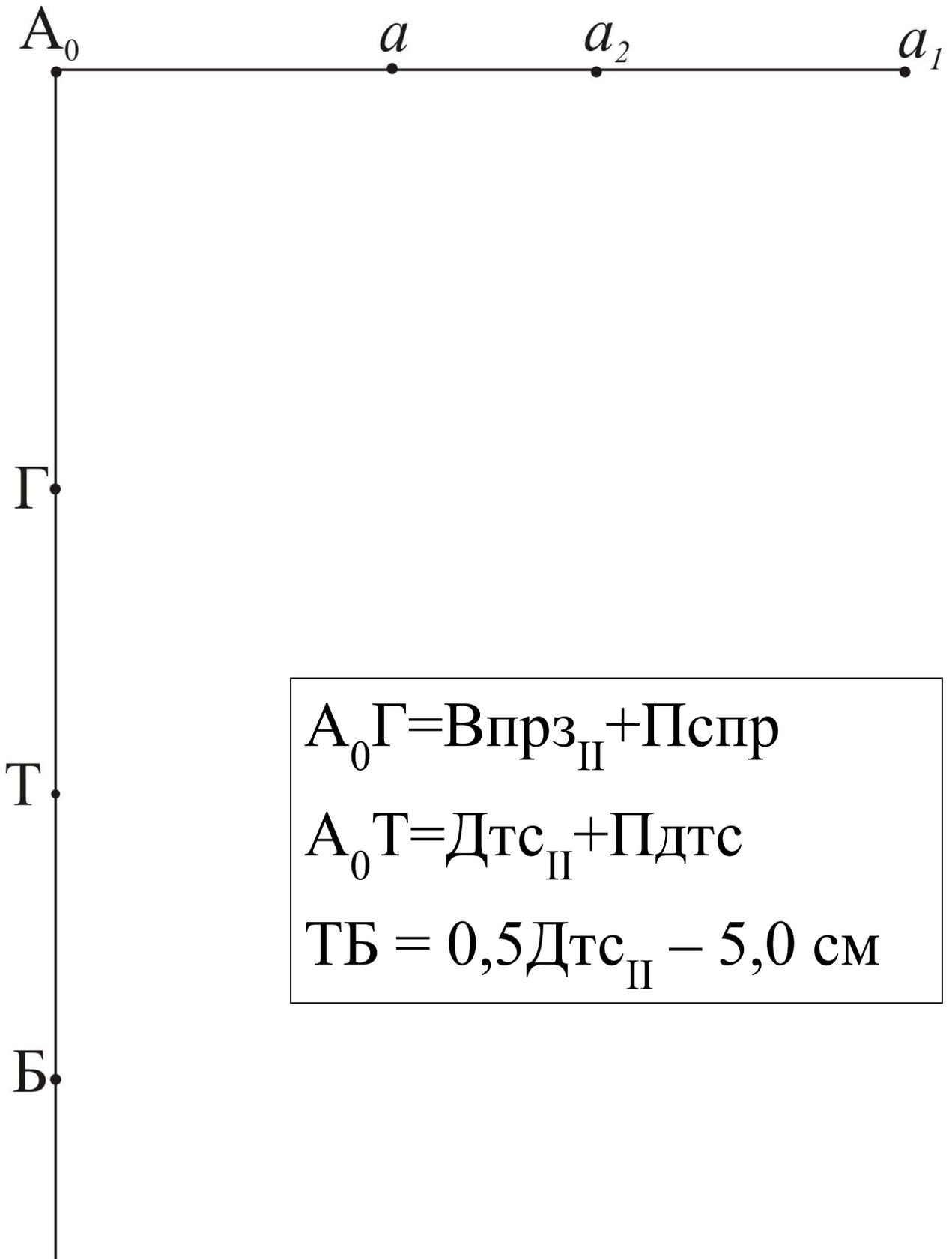


$$A_0 a_1 = C_{z_{III}} + \Pi z$$



$$A_0 a = \text{Шс} + \text{Пшс}$$

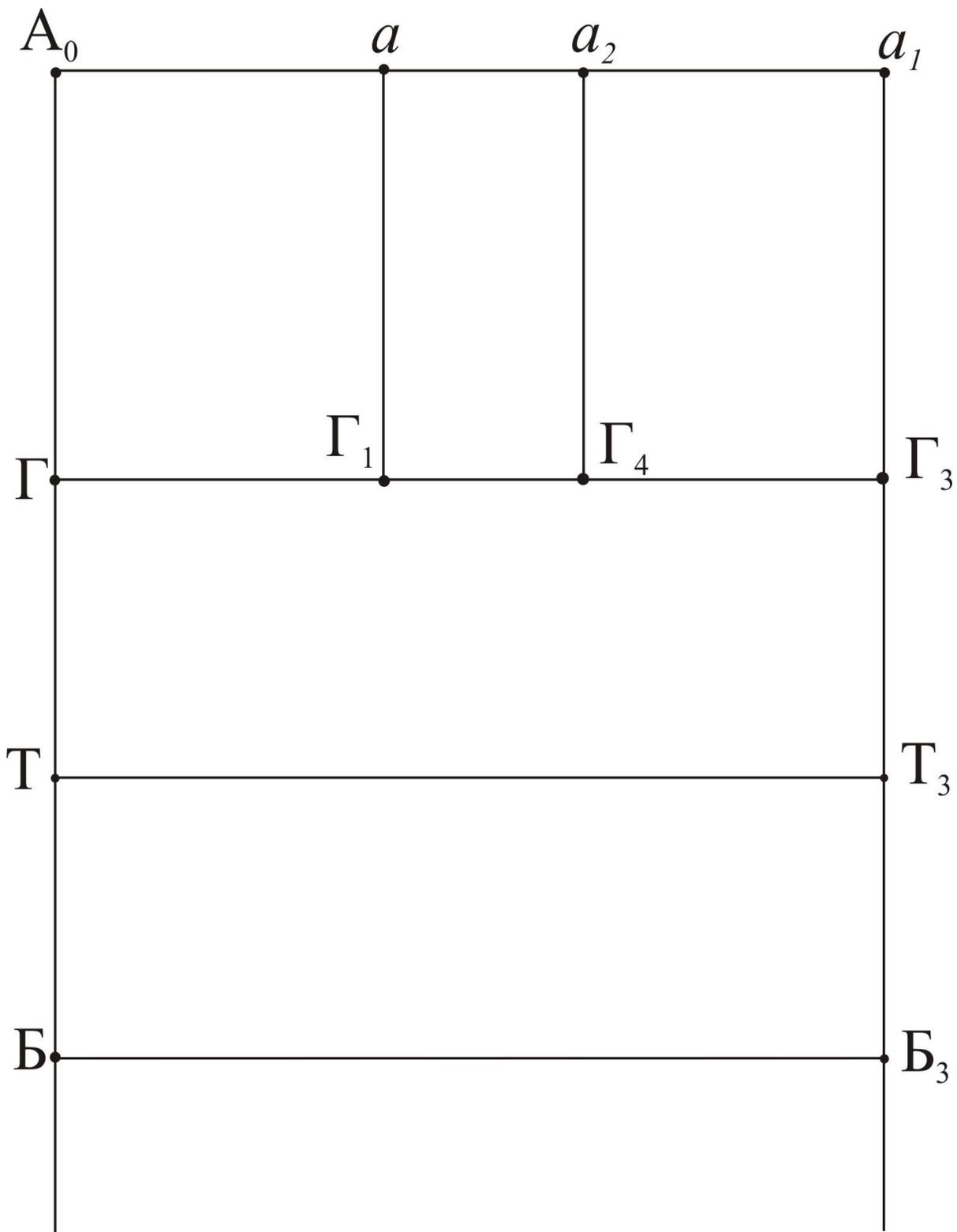
$$a_1 a_2 = \text{Шг} + \text{Пшп}$$

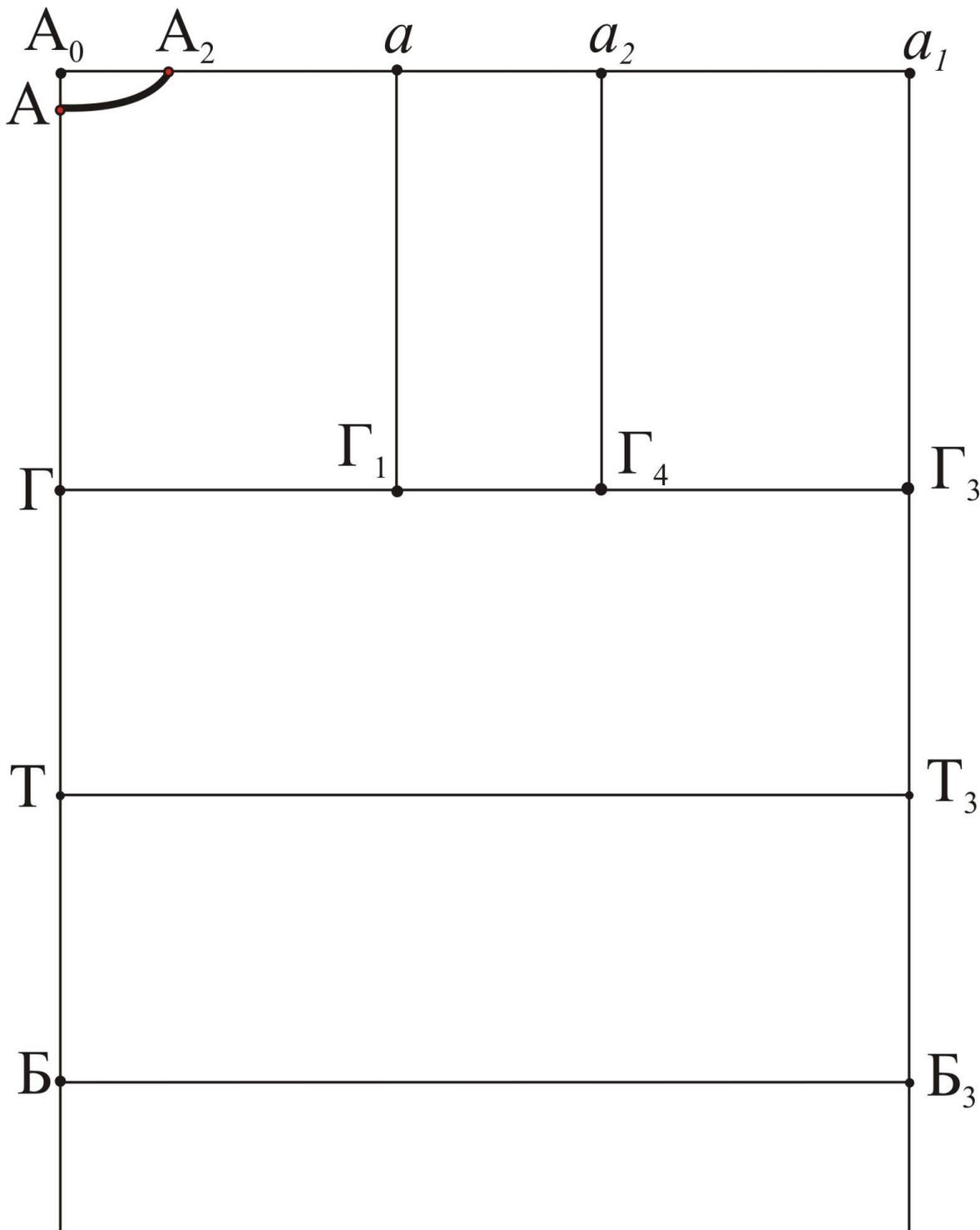


$$A_0 \Gamma = B_{\text{прз II}} + П_{\text{спр}}$$

$$A_0 T = D_{\text{ТС II}} + П_{\text{ДТС}}$$

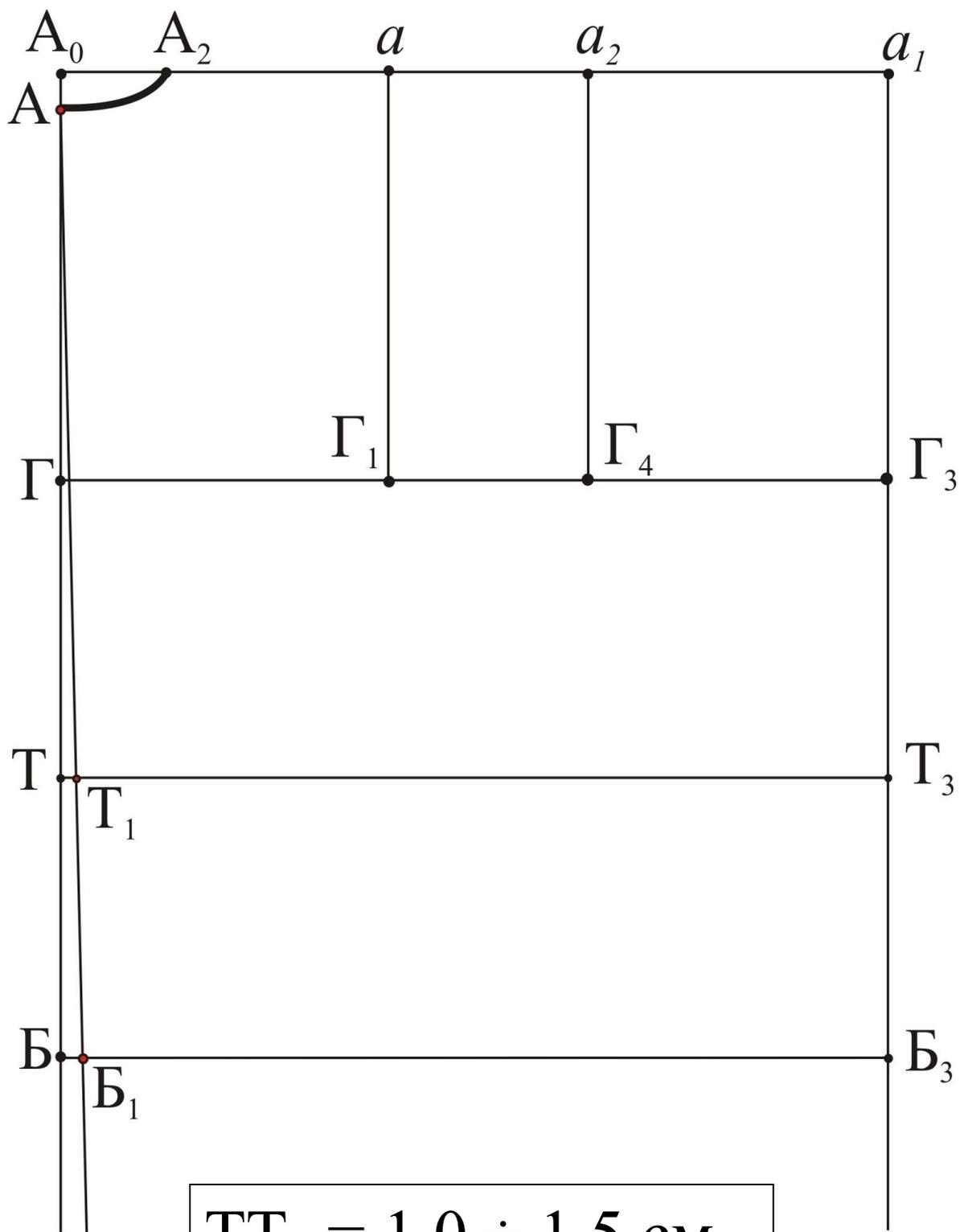
$$TB = 0,5 D_{\text{ТС II}} - 5,0 \text{ см}$$



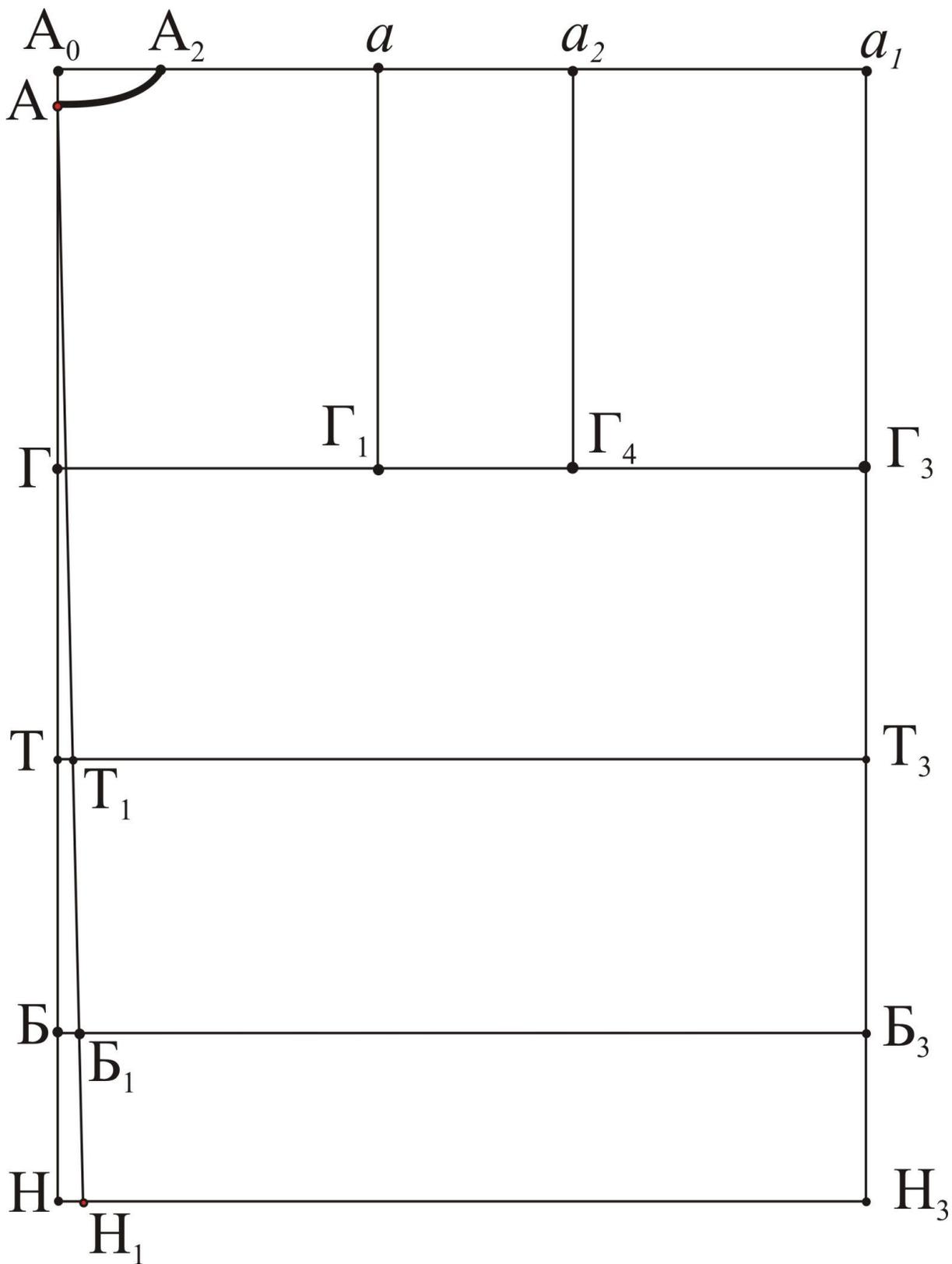


$$A_0A_2 = C_{\text{ш}}/3 + \text{Пш.гор} + 1,0 \text{ см}$$

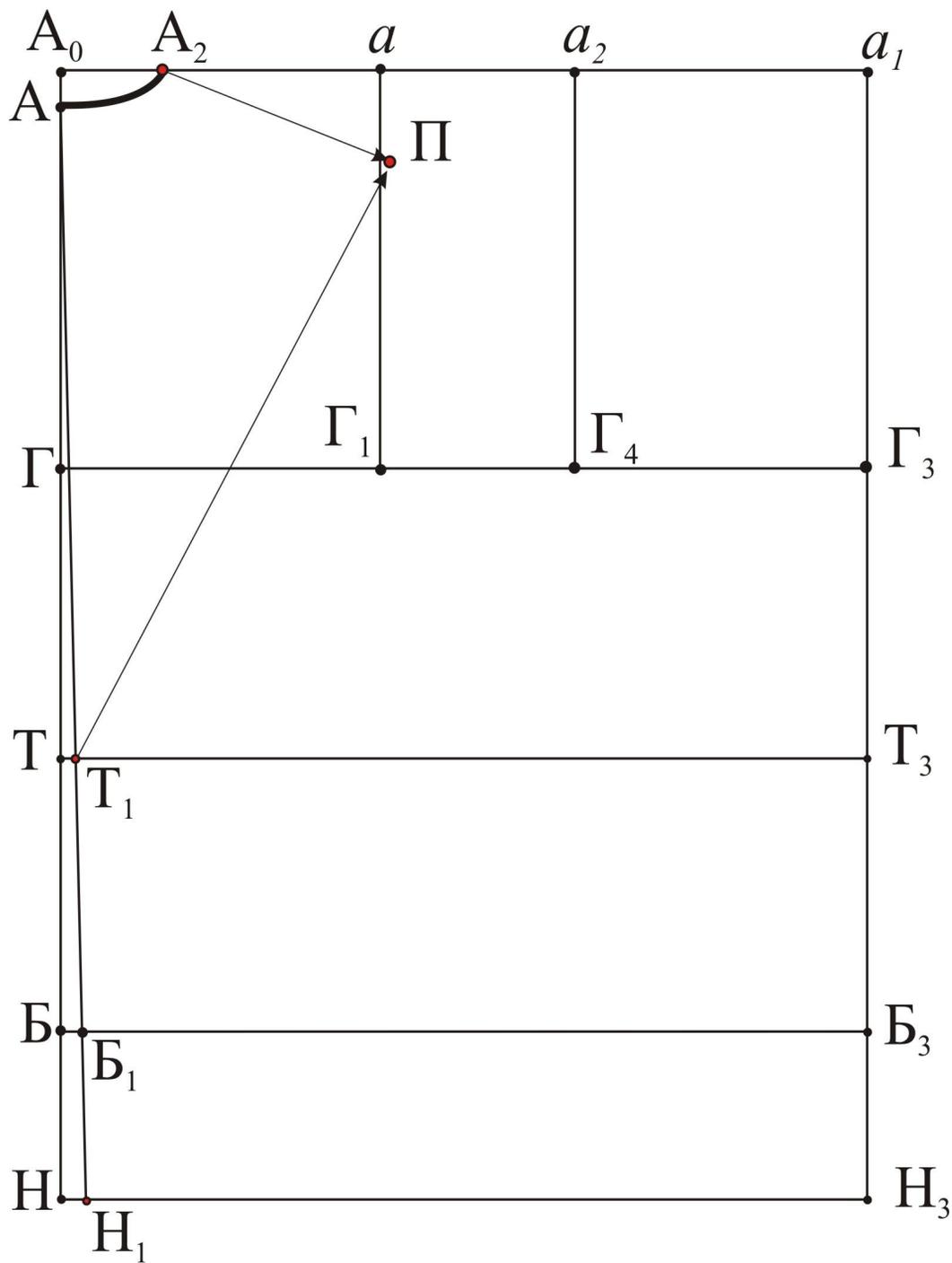
$$A_0A = A_0A_2/3$$



$$TT_1 = 1,0 \div 1,5 \text{ CM}$$



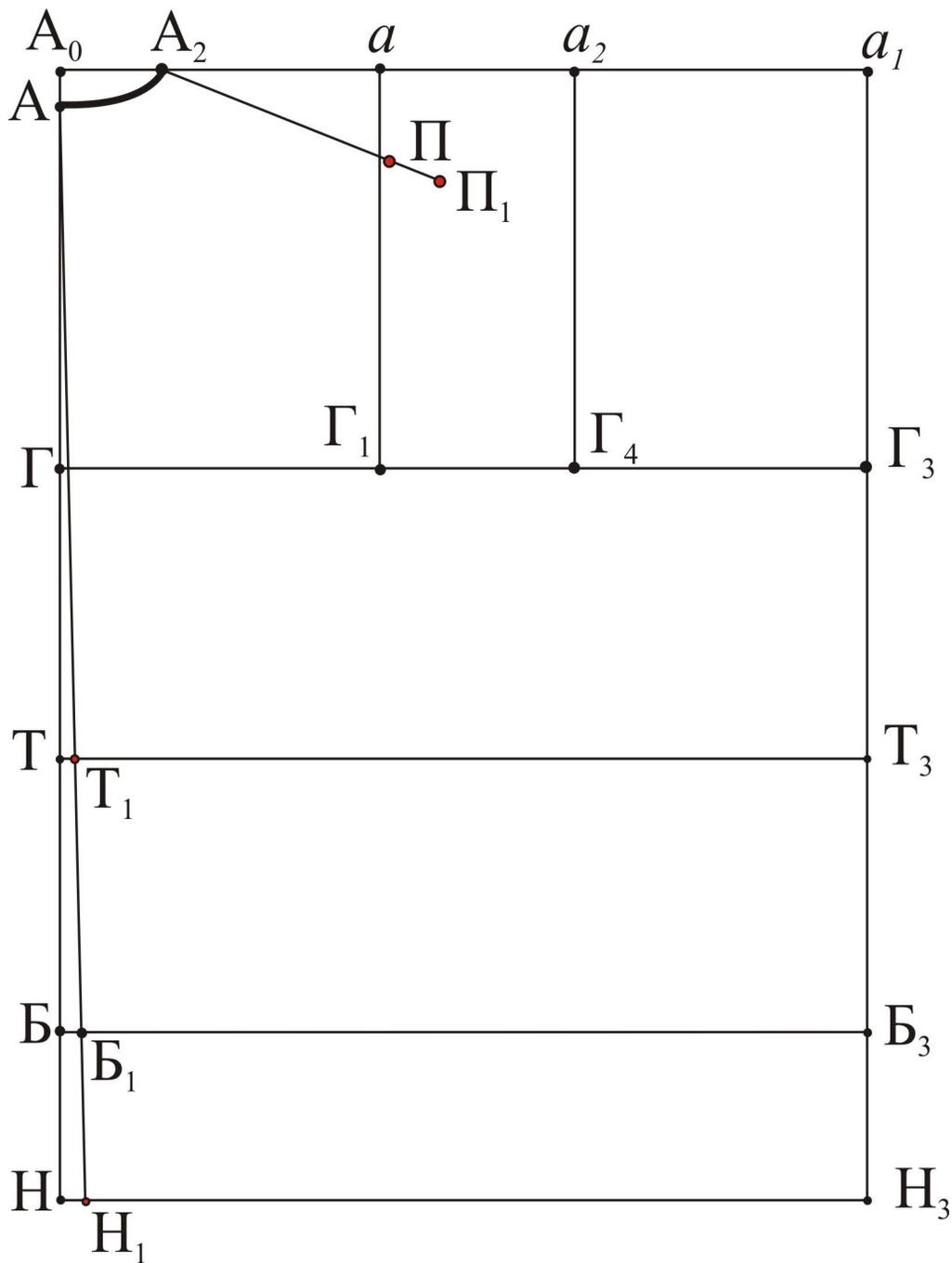
$$AH_1 = \text{Ди} + \text{Пдтс}$$



$$A_2\Pi = Ш_{\Pi} + R_B$$

$$R_B = 2,0 \div 2,5 \text{ см}$$

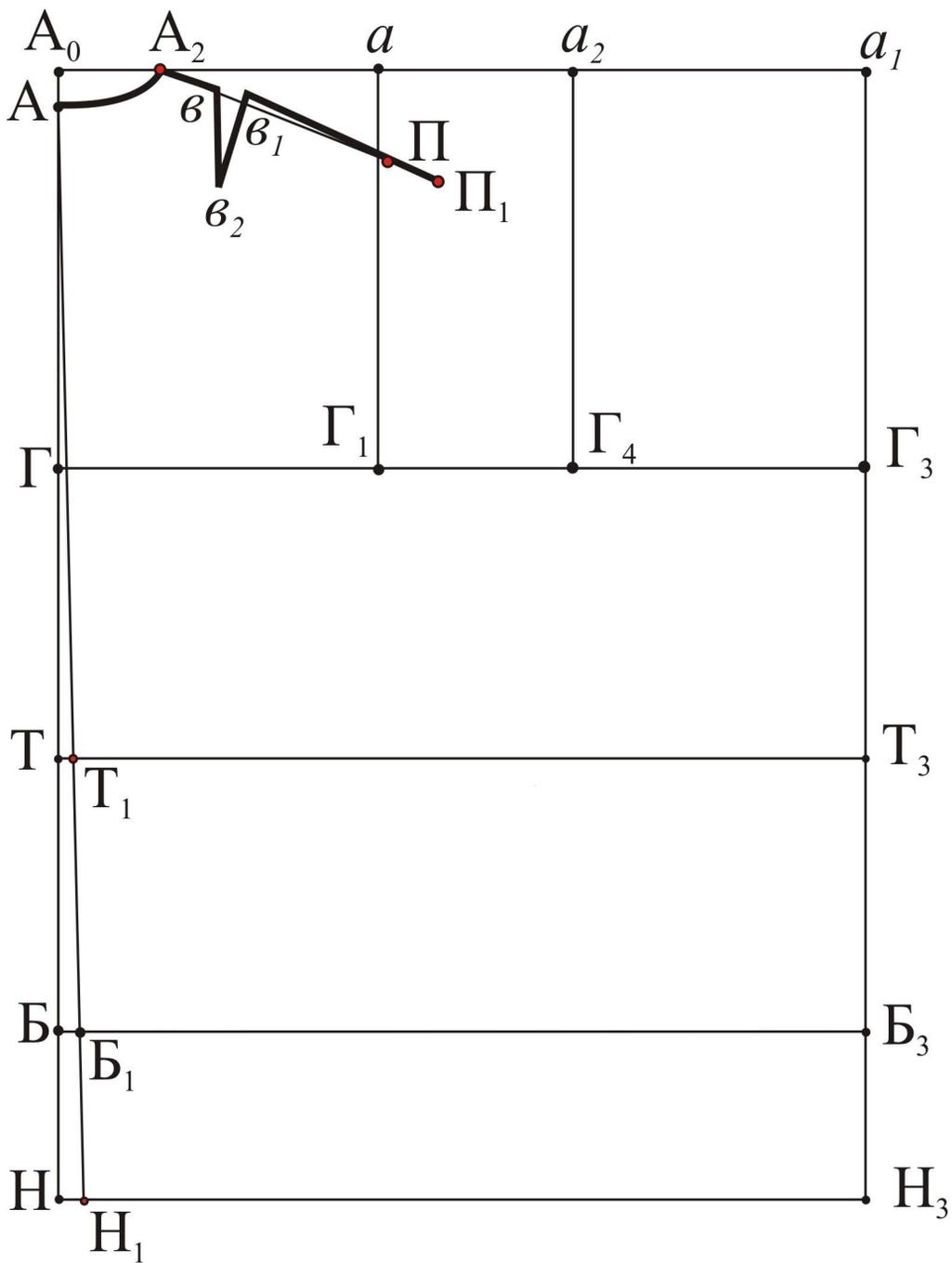
$$T_1\Pi = B_{\Pi K_{\Pi}} + \Pi_{\text{ДТС}}$$



$$\text{ПП}_1 = 1,0 \div 4,0 \text{ см}$$

1,0 ÷ 1,5 – полуприлегающий силуэт

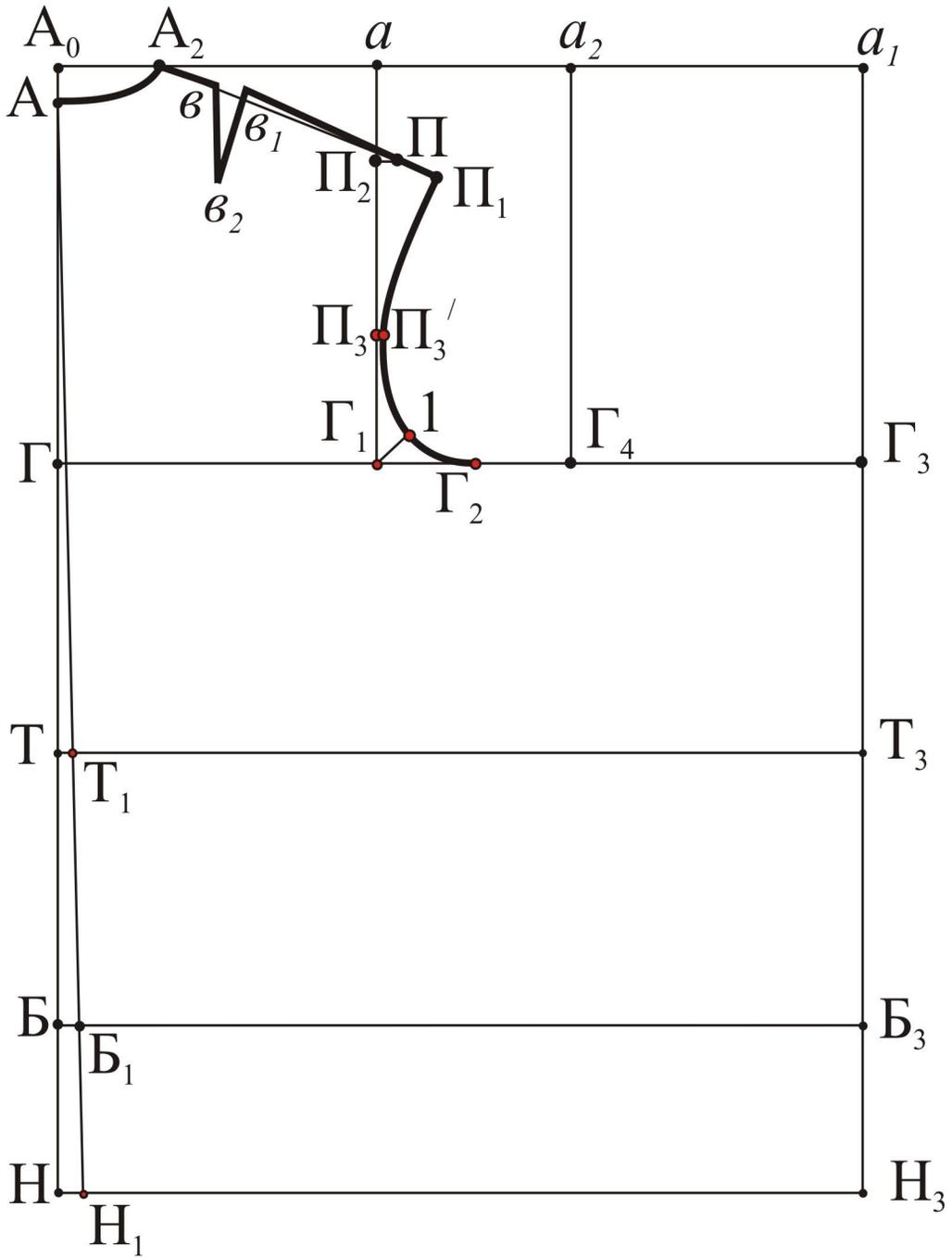
4,0 – прямой силуэт

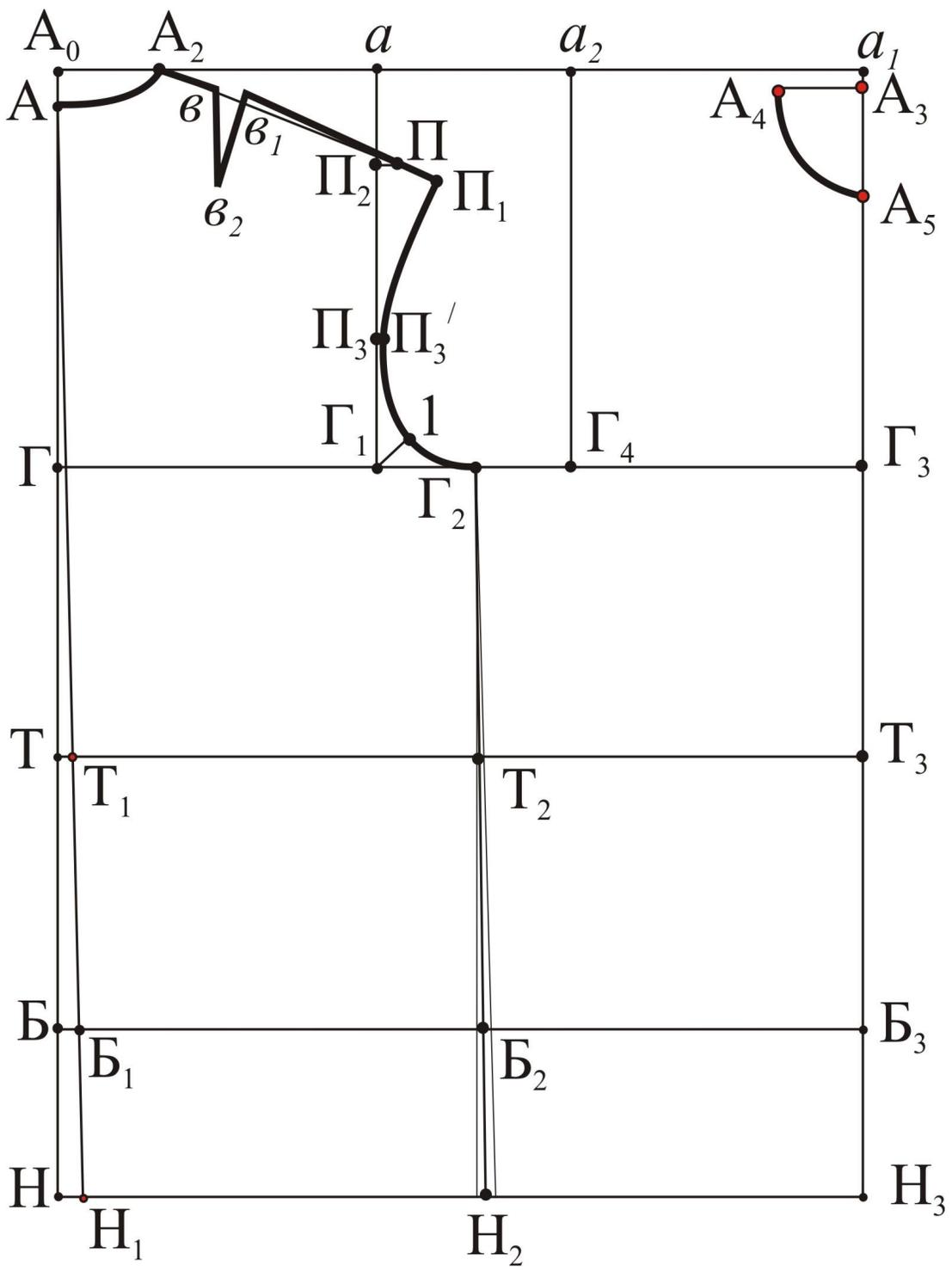


$$A_2\theta = 4,0 \div 4,5 \text{ см}$$

$$\theta\theta_1 = 2,0 \div 2,5 \text{ см,}$$

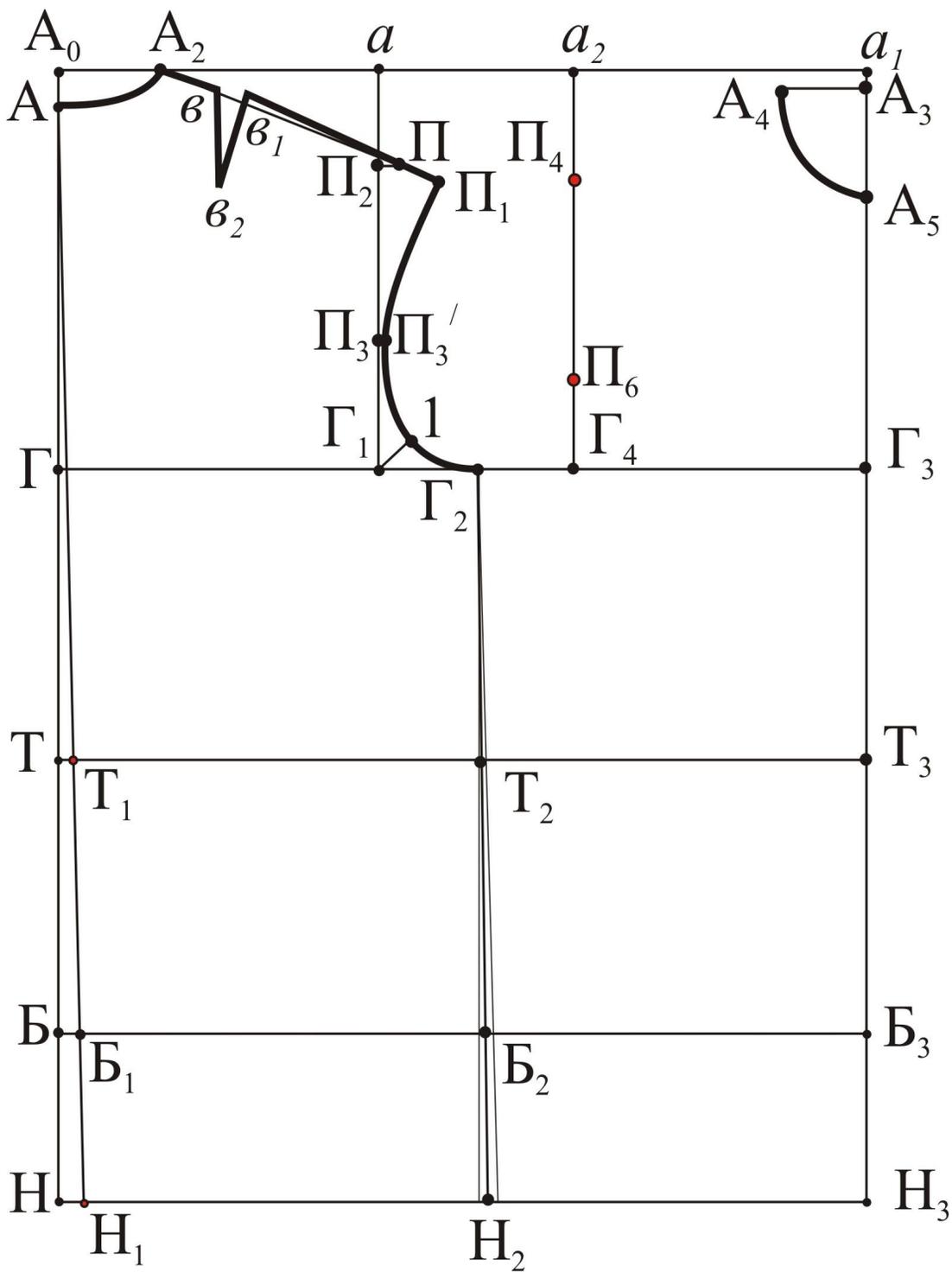
$$\theta\theta_2 = 6,0 \div 8,0 \text{ см}$$



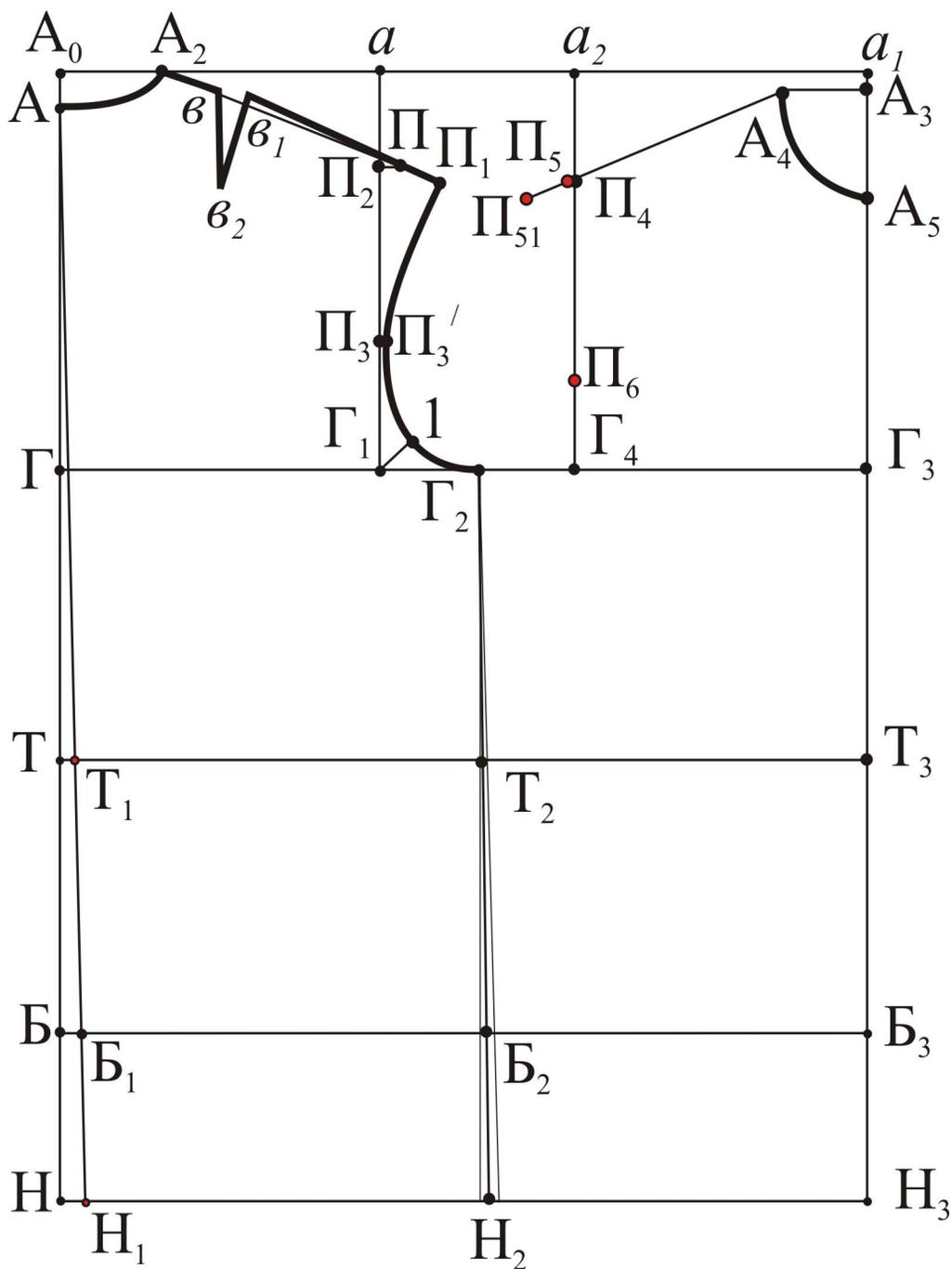


$$A_3 A_4 = A_0 A_2 - 1,2 \text{ см}$$

$$A_3 A_5 = A_3 A_4 + 1,5 \text{ см}$$



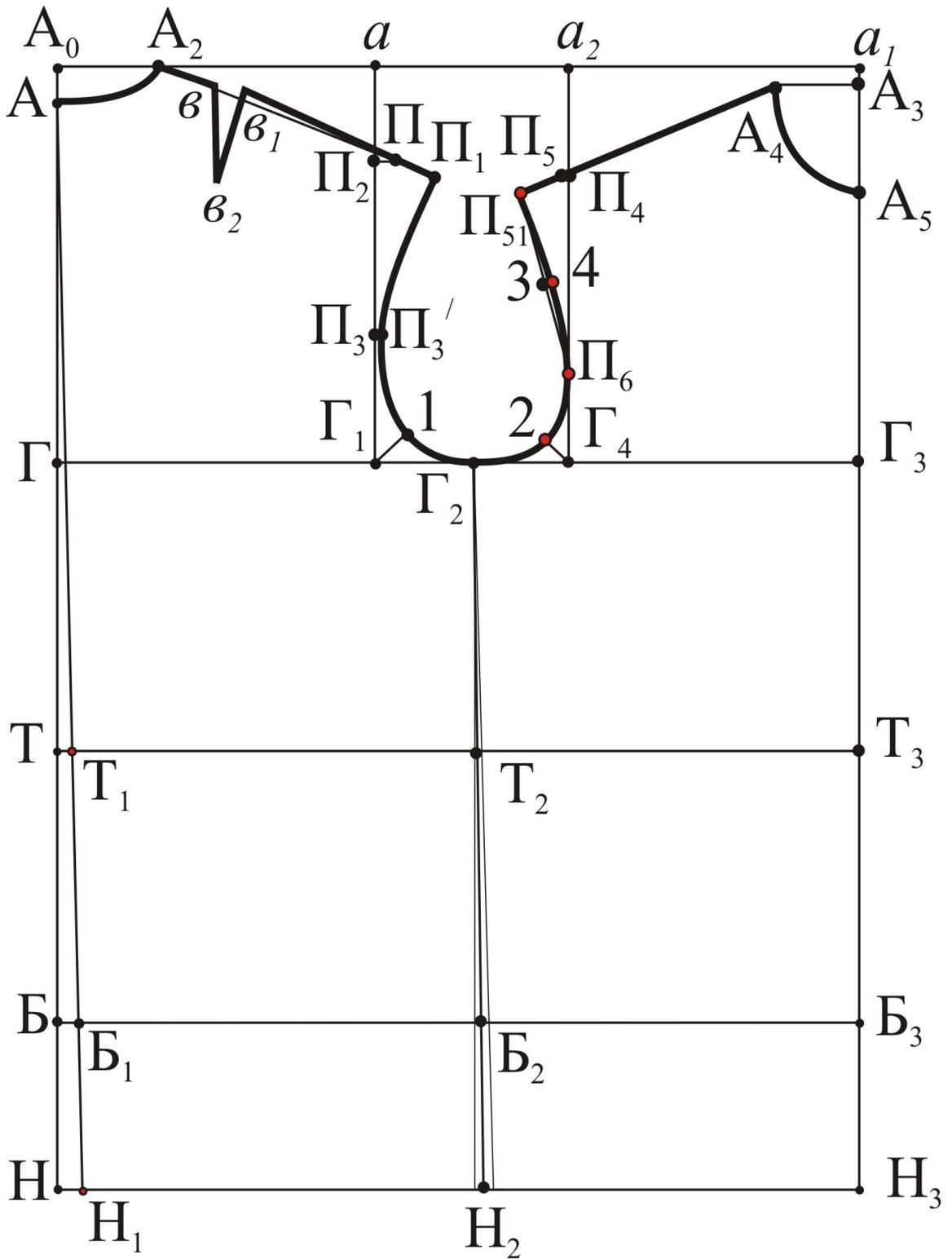
$\Gamma_4 \Pi_4 = \Gamma_1 \Pi_2 - 1,0 \text{ см}$ $\Gamma_4 \Pi_6 = 6,0 \div 7,0 \text{ см}$

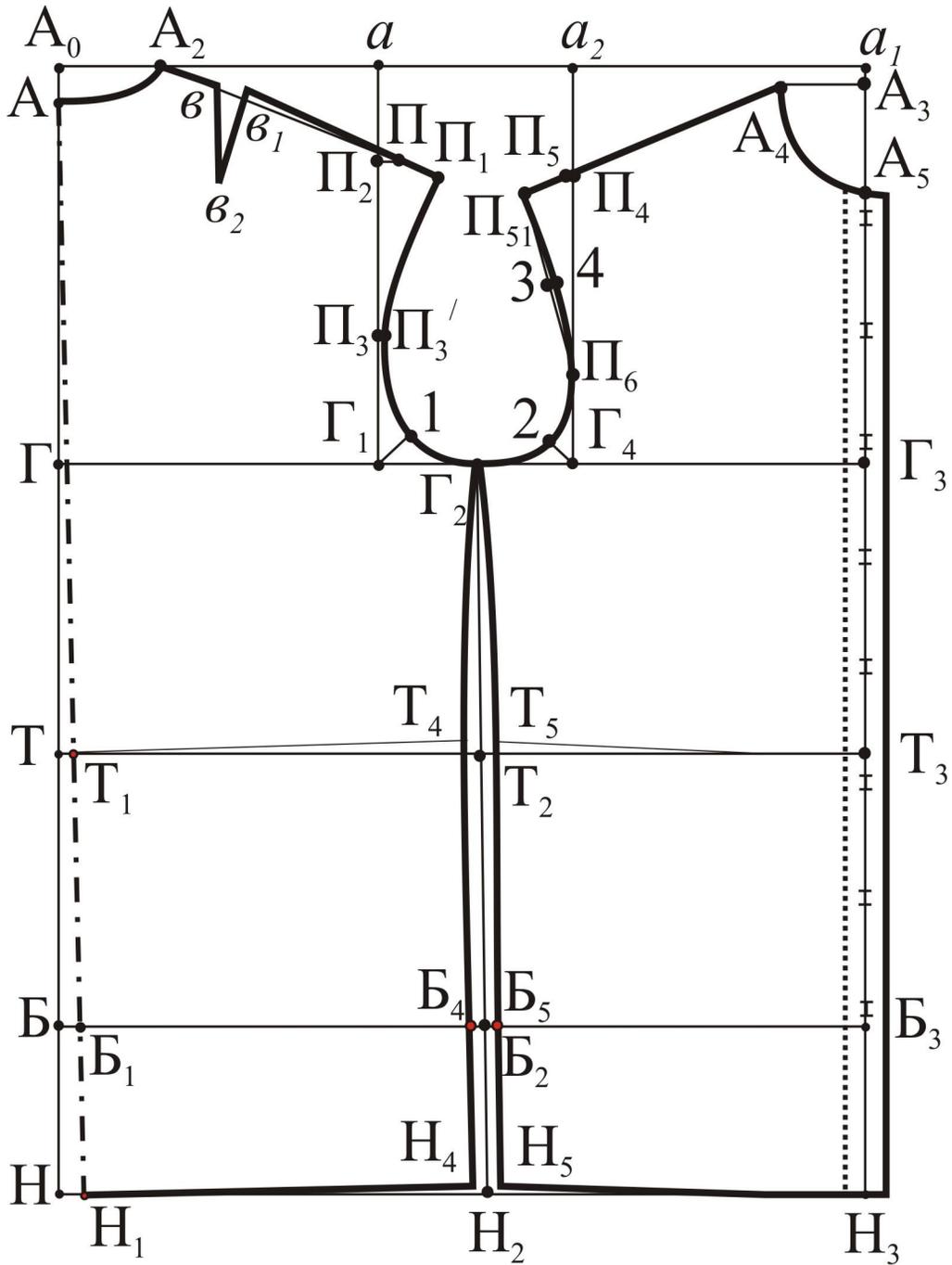


$$\begin{aligned}
 A_4 \Pi_5 &= \text{Шп} \\
 \Pi_6 \Pi_5 &= \Pi_6 \Pi_4 \\
 \Pi_5 \Pi_{51} &= \text{ПП}_1
 \end{aligned}$$

или

$$\begin{aligned}
 A_4 \Pi_5 &= \text{Шп} \\
 T_3 \Pi_5 &= \text{Впкп}_2 + \text{Пдтс} \\
 \Pi_5 \Pi_{51} &= \text{ПП}_1
 \end{aligned}$$

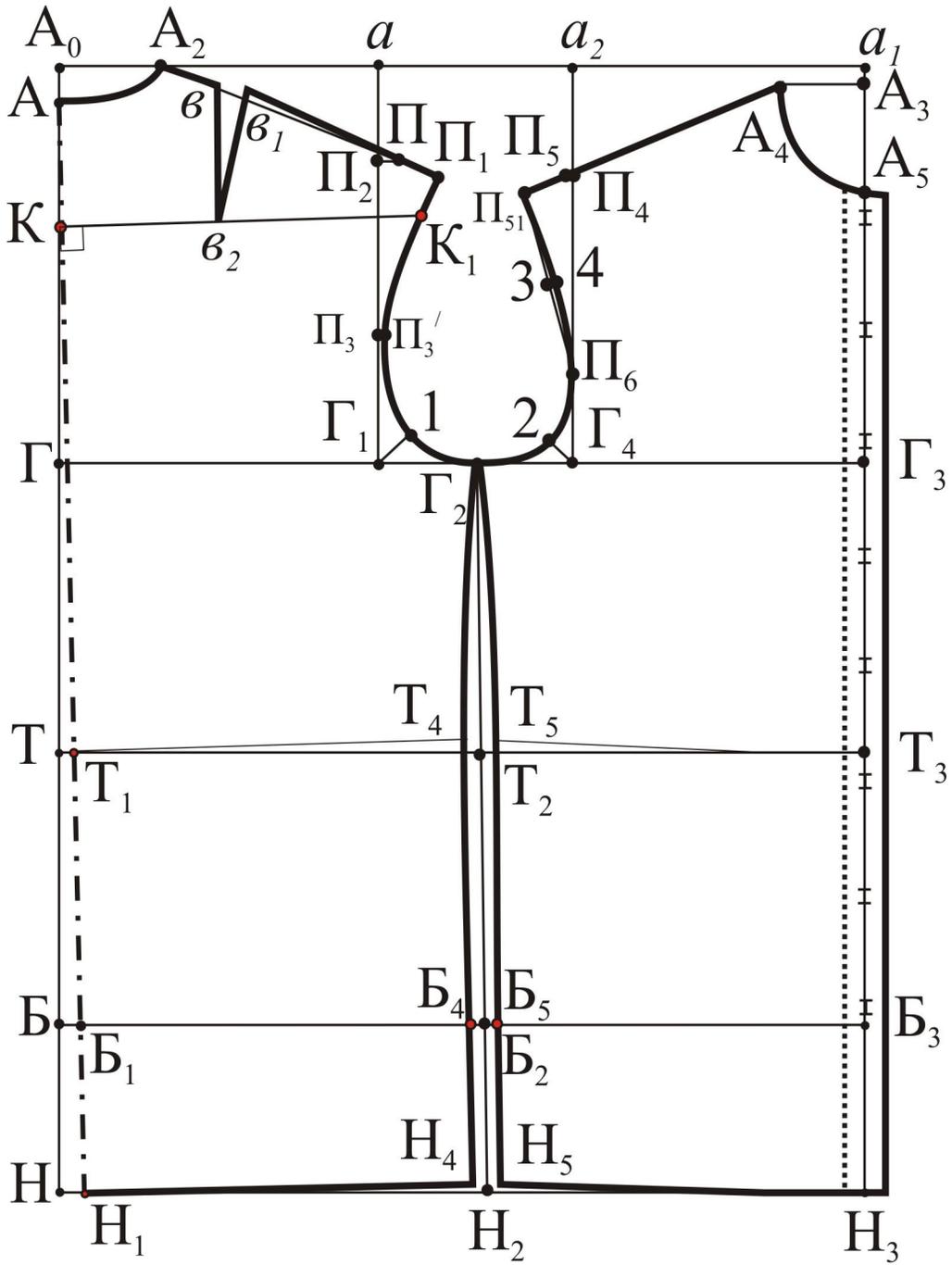




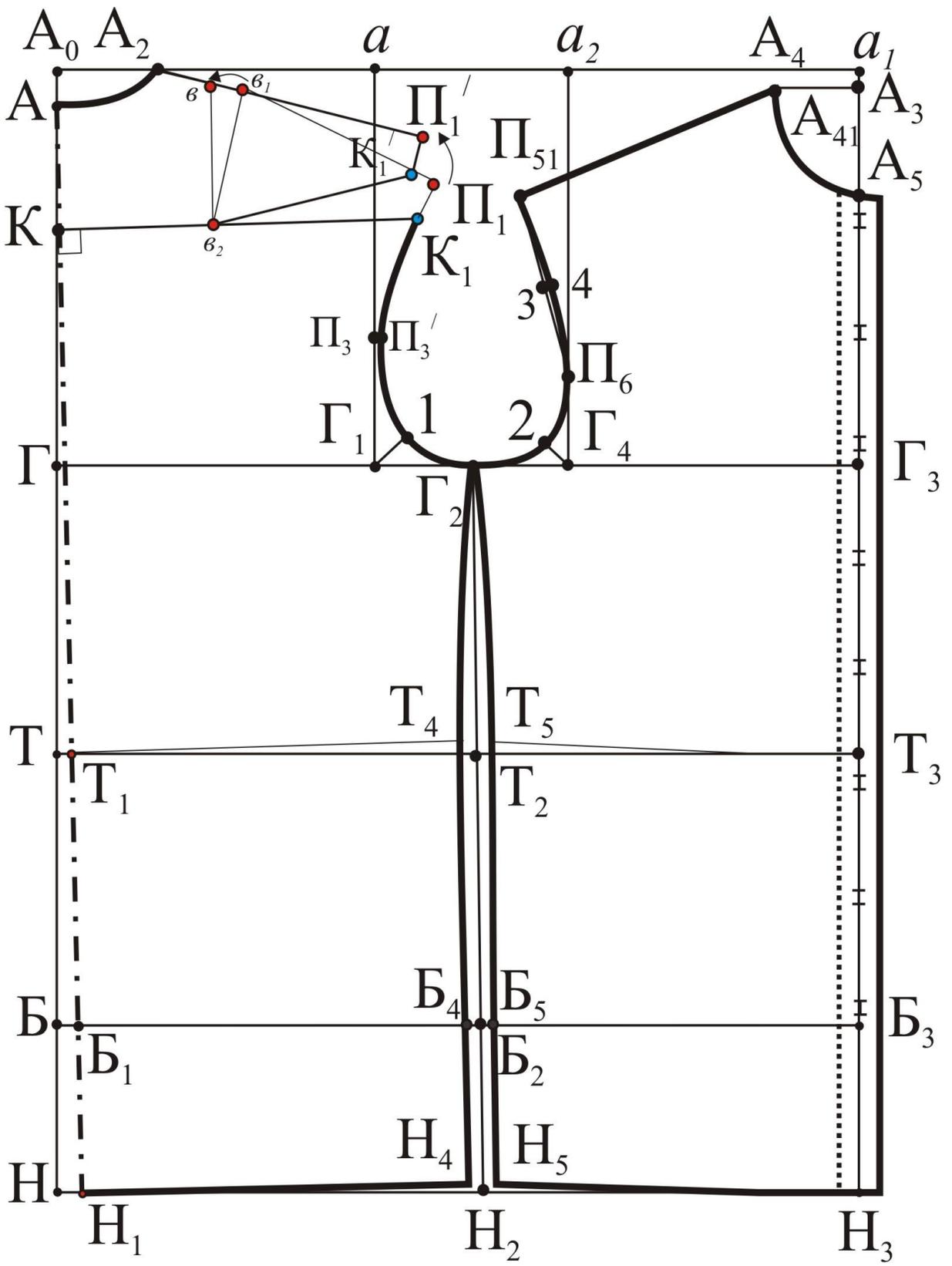
Шборта = $(\frac{3}{4} \div 1) d$ пуговицы + 1 см

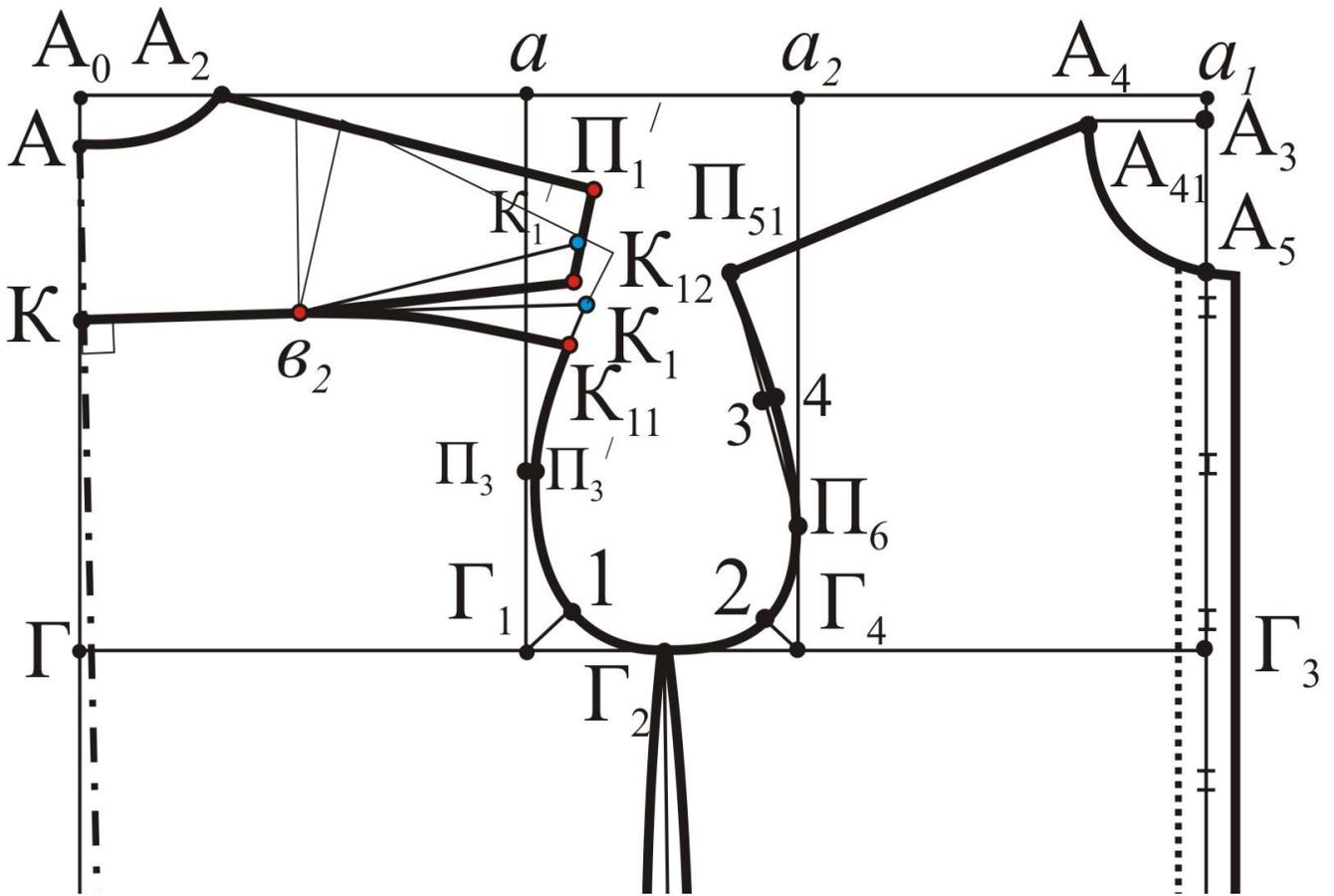
Шборта = 1,25 ÷ 2,0 см

Верхняя петля – 4,5 см от горловины



$AK = 6,0 \div 8,0 \text{ см}$

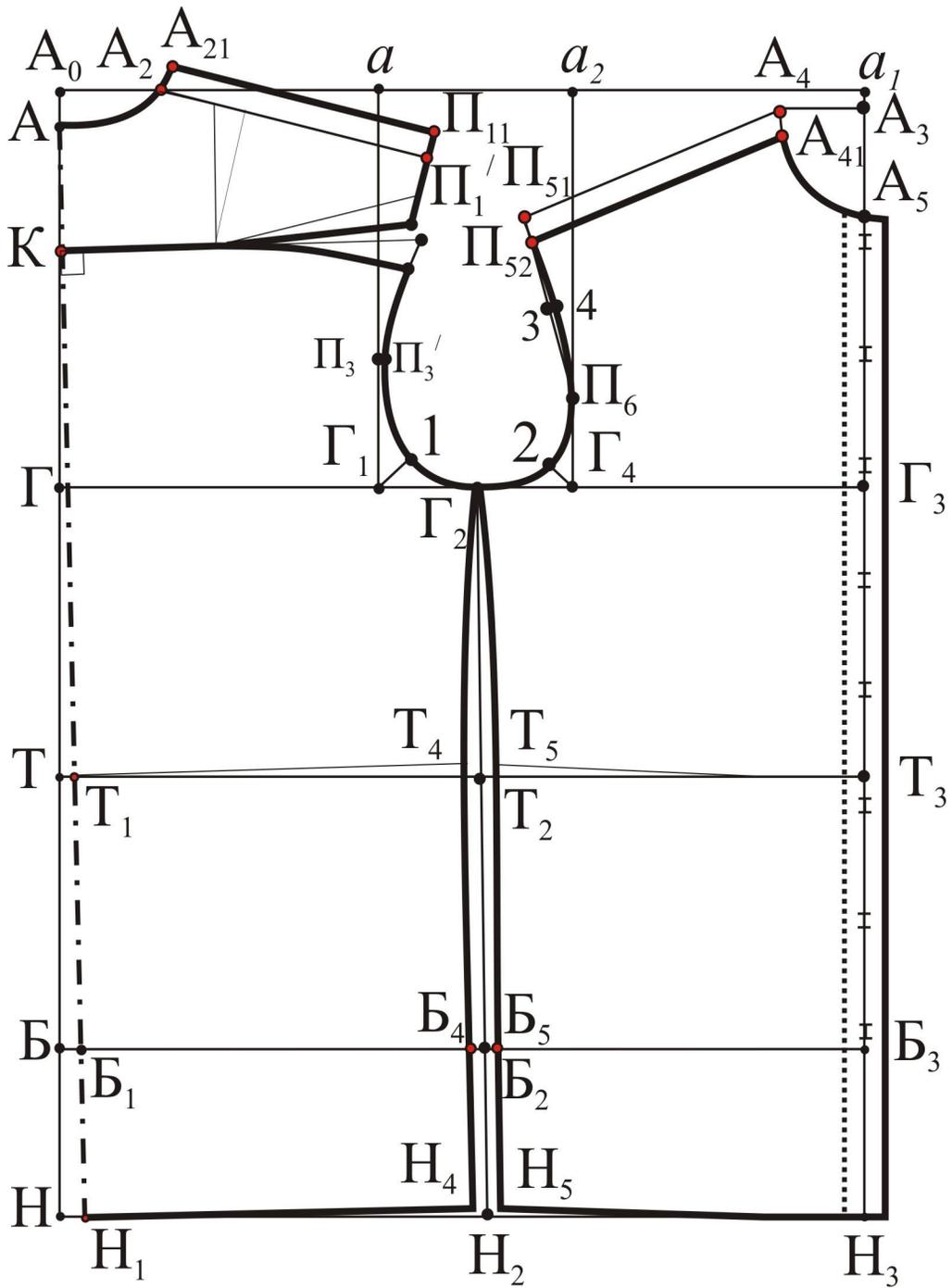




$$R_B = \mathcal{K}_1 \mathcal{K}_1'$$

$$\mathcal{K}_1 \mathcal{K}_{11} = 2/3 R_B$$

$$\mathcal{K}_1 \mathcal{K}_{12} = 1/3 R_B$$



$$A_2 A_{21} = \Pi_1' \Pi_{11} = \Pi_{51} \Pi_{52} = A_4 A_{41} = 1,0 \div 2,0 \text{ см}$$

O



M

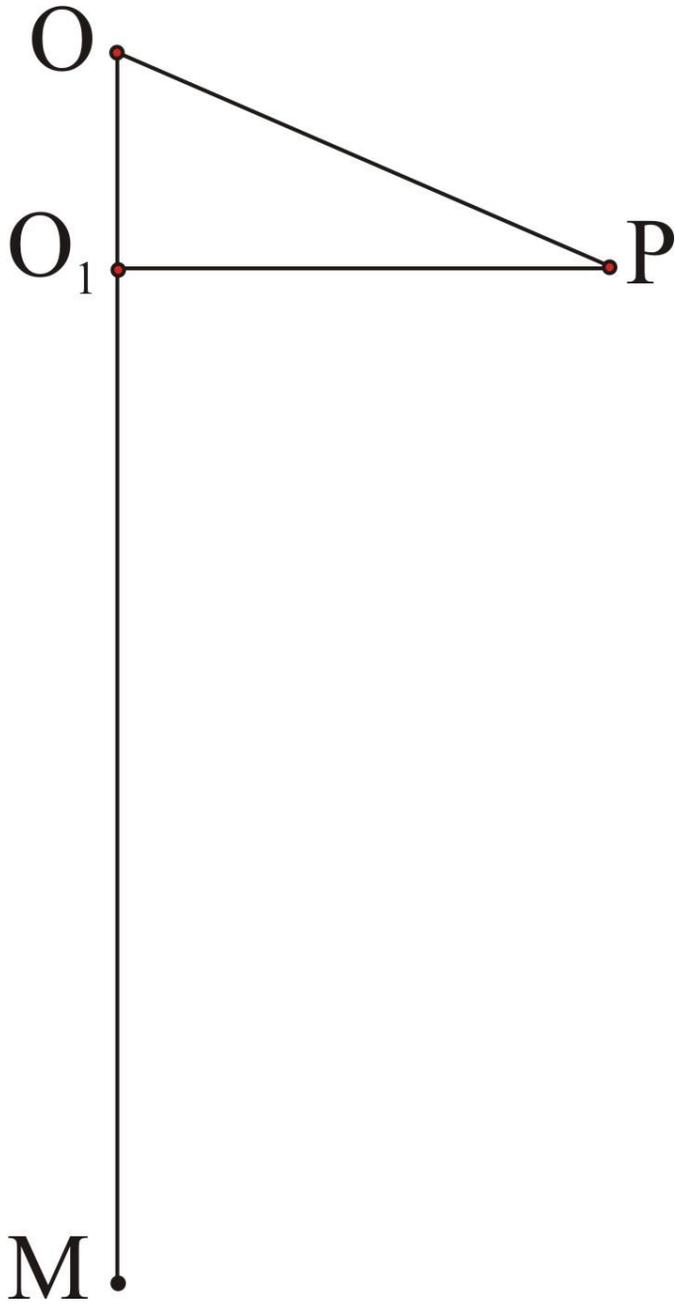


$$OM = D_p - 6,5 - ПП_1 + У_p$$

6,5 – ширина манжеты

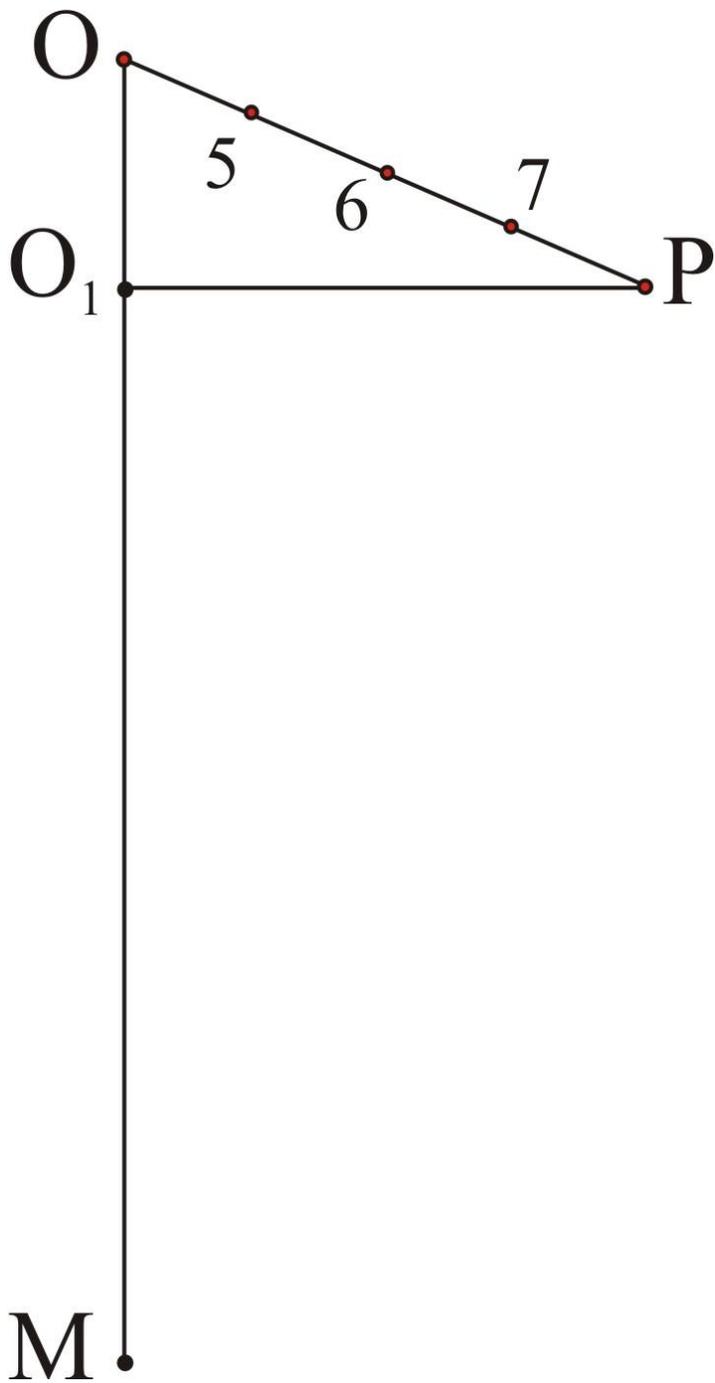
ПП₁ – удлинение плечевого среза

У_p – 0,5 см

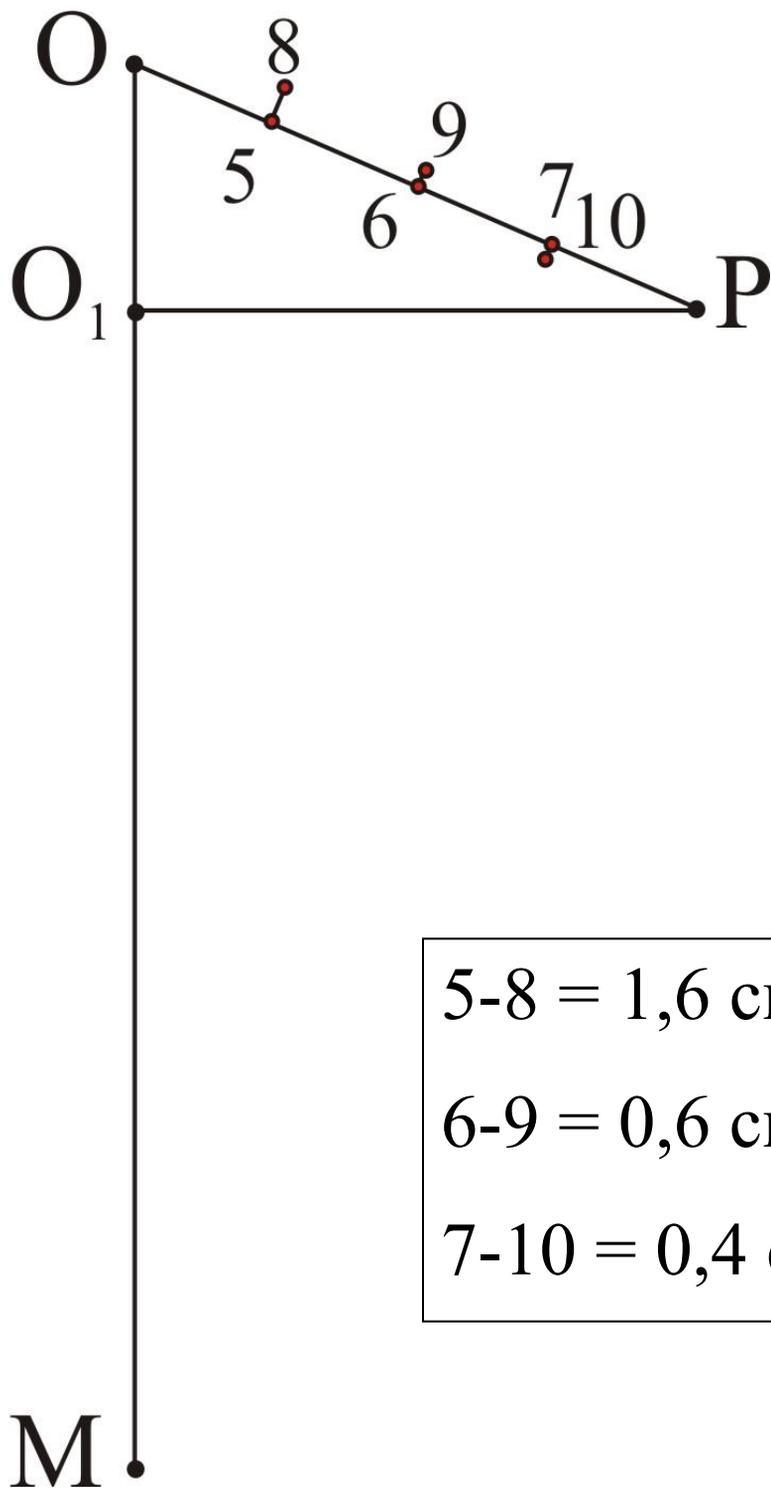


$$OO_1 = 0,3(\Pi_2\Gamma_1 + \Gamma_4\Pi_4) + 1,0 \text{ см} - \Pi\Pi_1$$

$$OP = 0,5Д_{пр} = 0,5(\Pi_1\Gamma_2 + \Gamma_2\Pi_{51})$$



$$O-5 = 5-6 = 6-7 = 7-P = 0,25OP$$

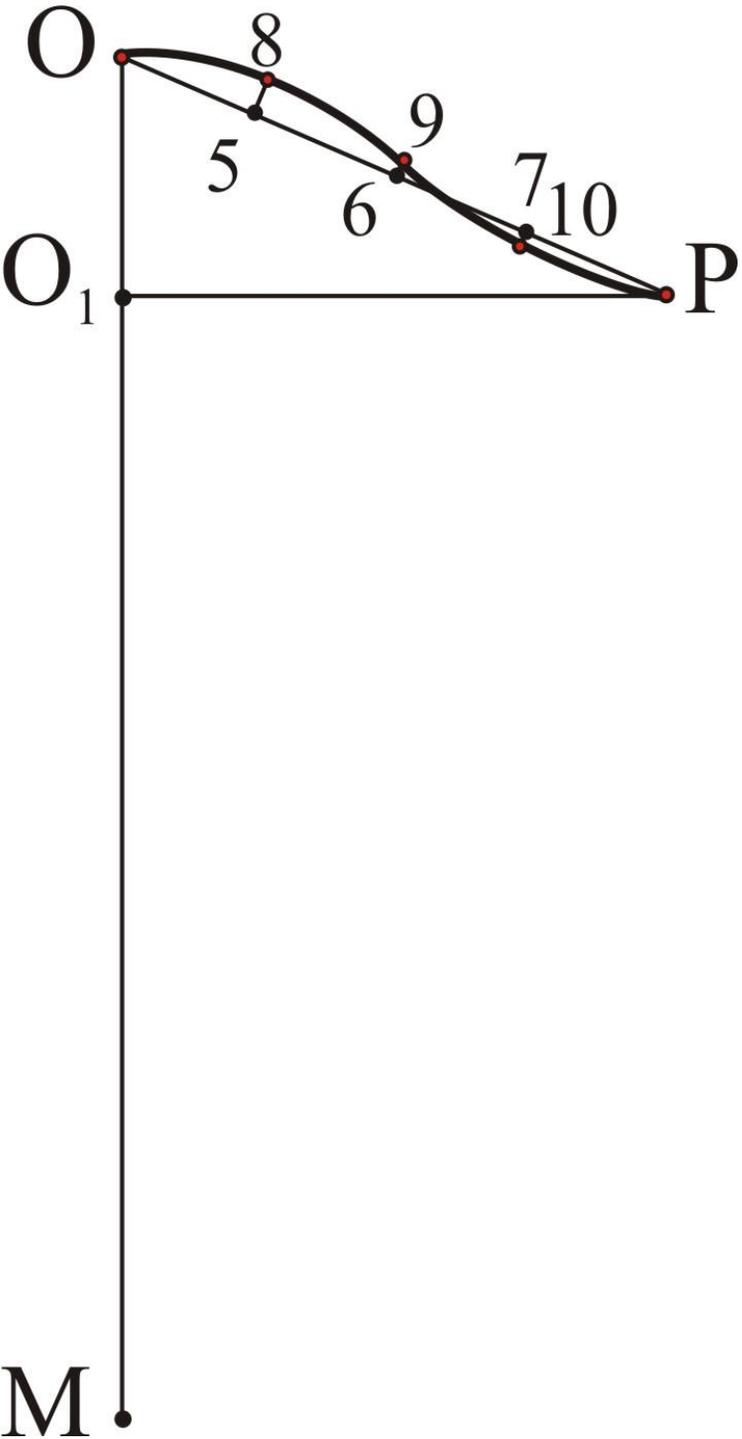


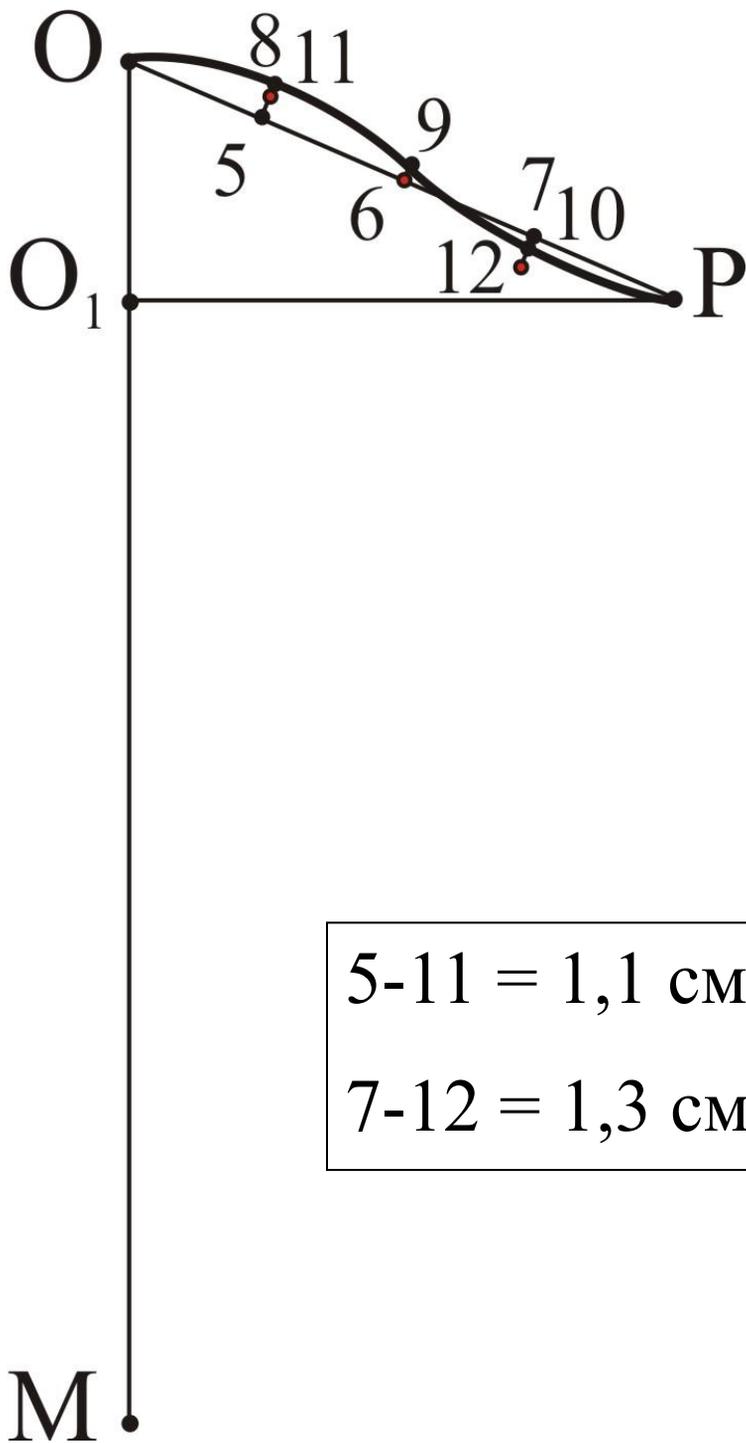
$5-8 = 1,6$ см ввєрх

$6-9 = 0,6$ см ввєрх

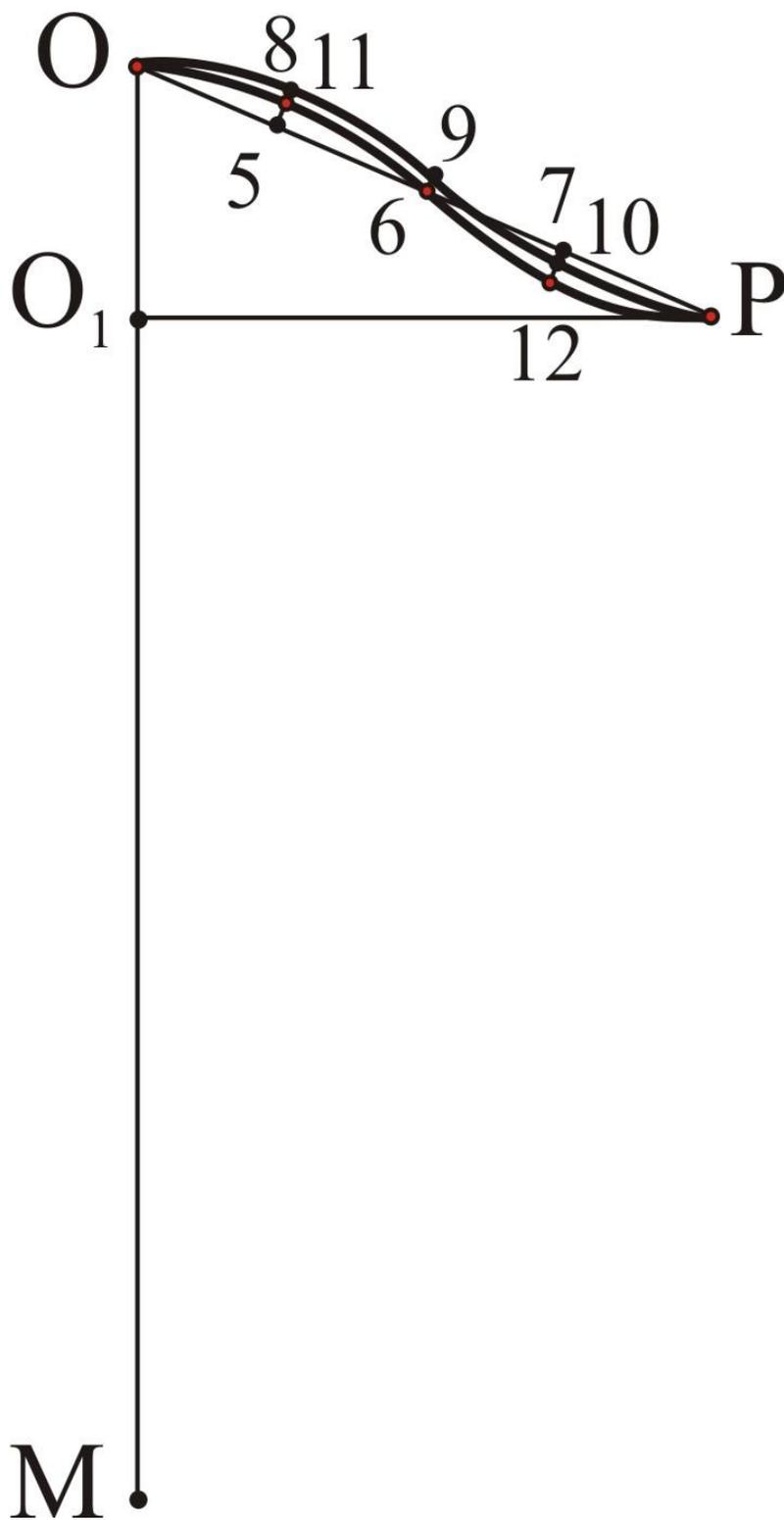
$7-10 = 0,4$ см вниз

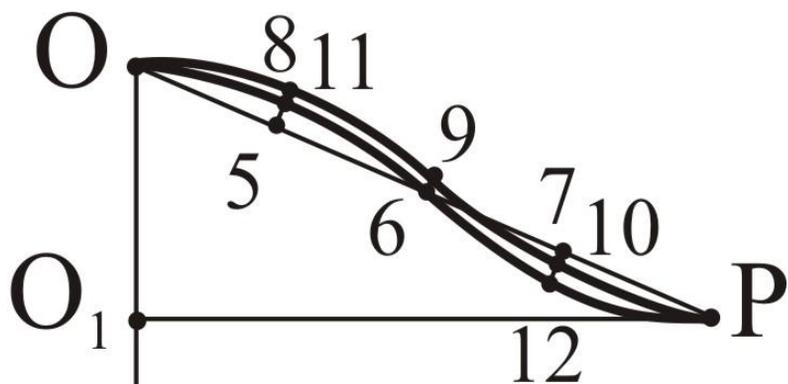
O-8-9-10-P – Окат задней части рукава





О-11-6-12-Р – Окат передней части
рукава





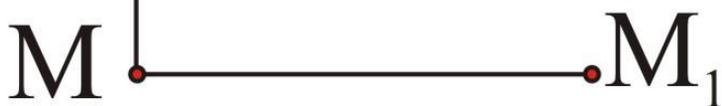
$$MM_1 = 0,5(O_{зап} + 9,0 + 6,0)$$

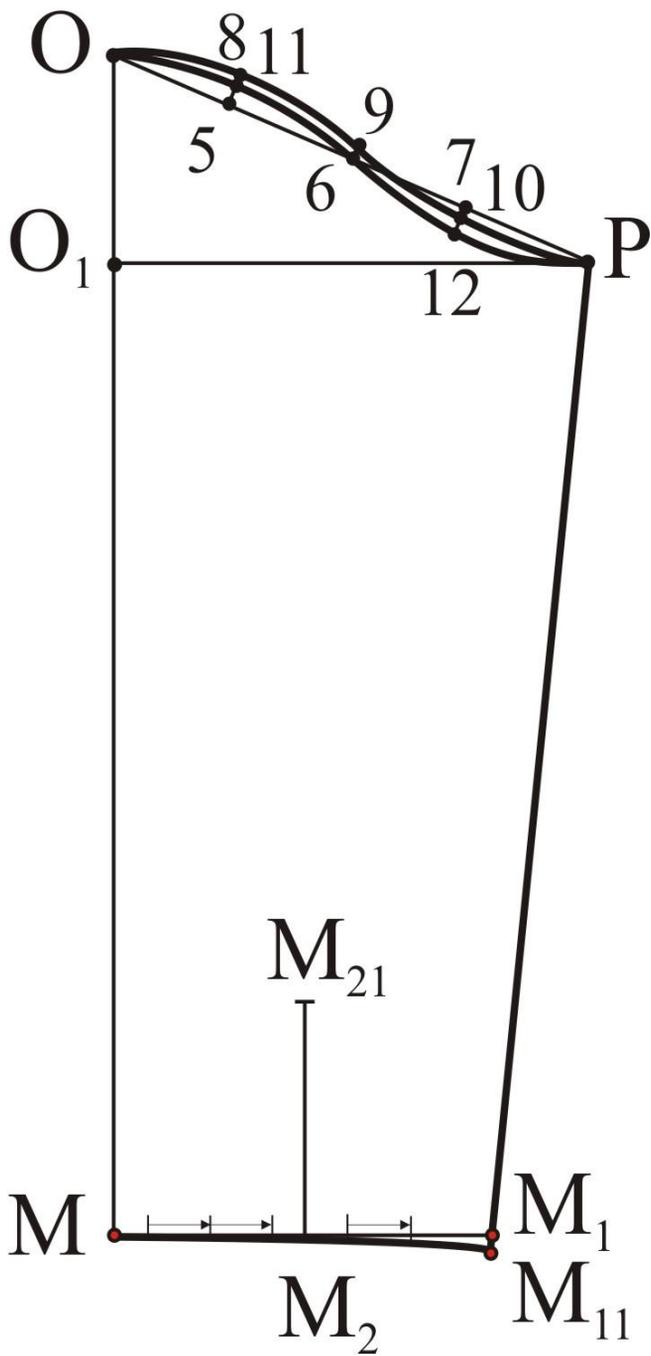
9,0 – прибавка на складки

$$6,0 = 5,0 + 1,0$$

5,0 – Позап;

1,0 – прибавка на обработку разреза

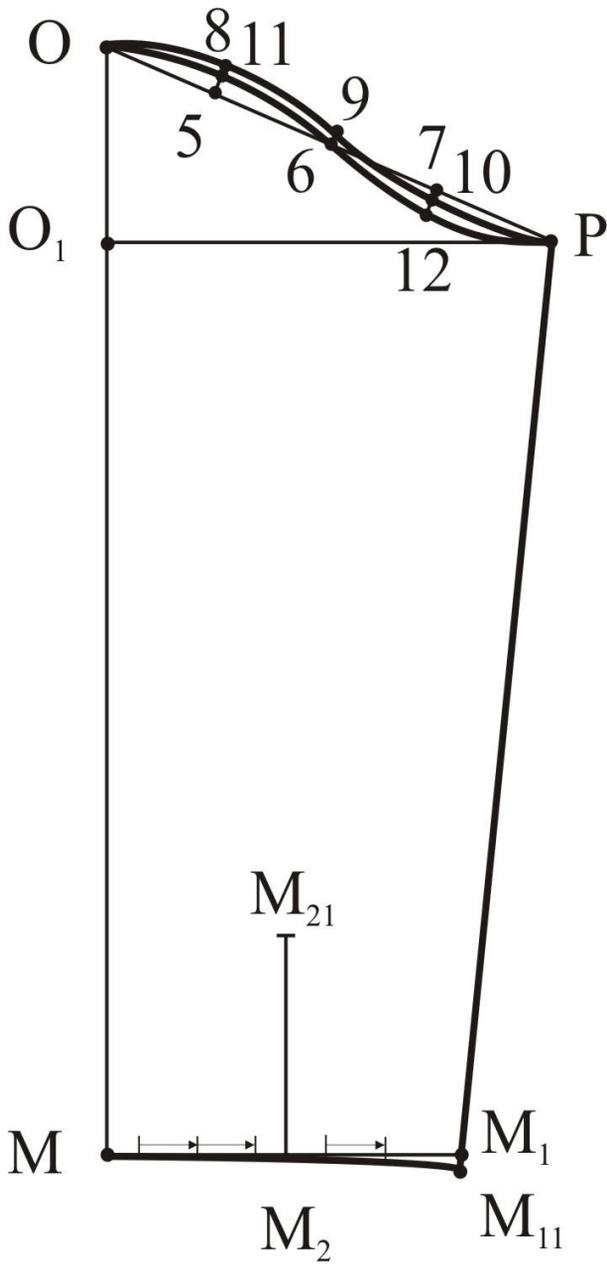




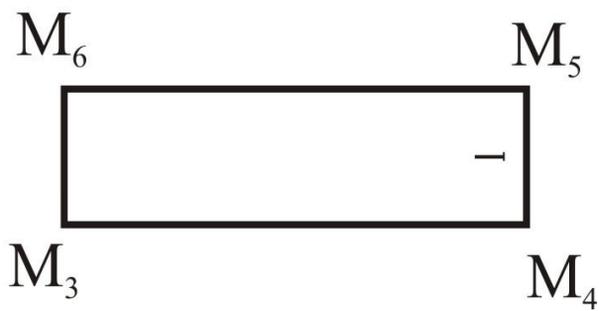
$$MM_2 = 0,5 MM_1$$

$$M_2M_{21} = 11,0 \text{ cm}$$

$$M_1M_{11} = 0,7 + 1,0 \text{ cm}$$



$M_3M_4 = O_{зап} + 5,0 \text{ см}$ $M_4M_5 = 6,5 \text{ см}$

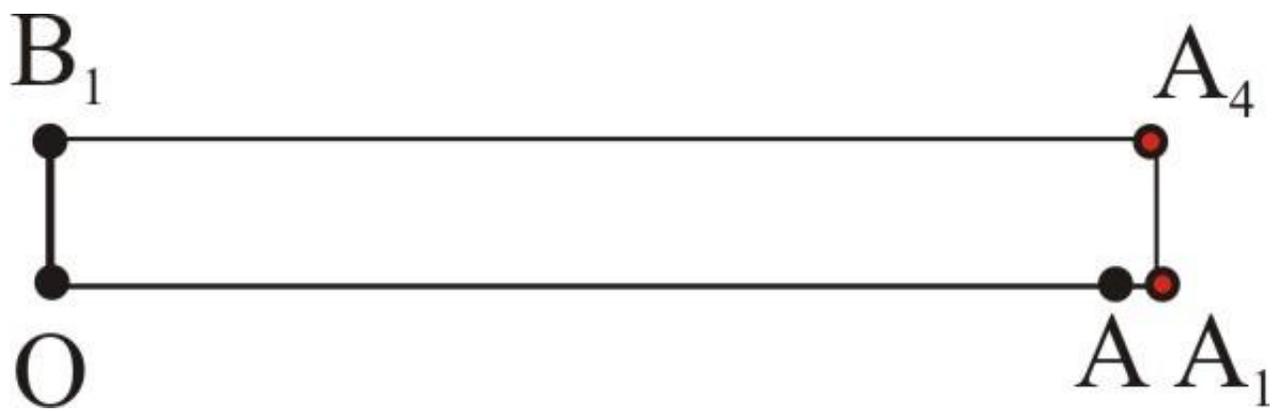


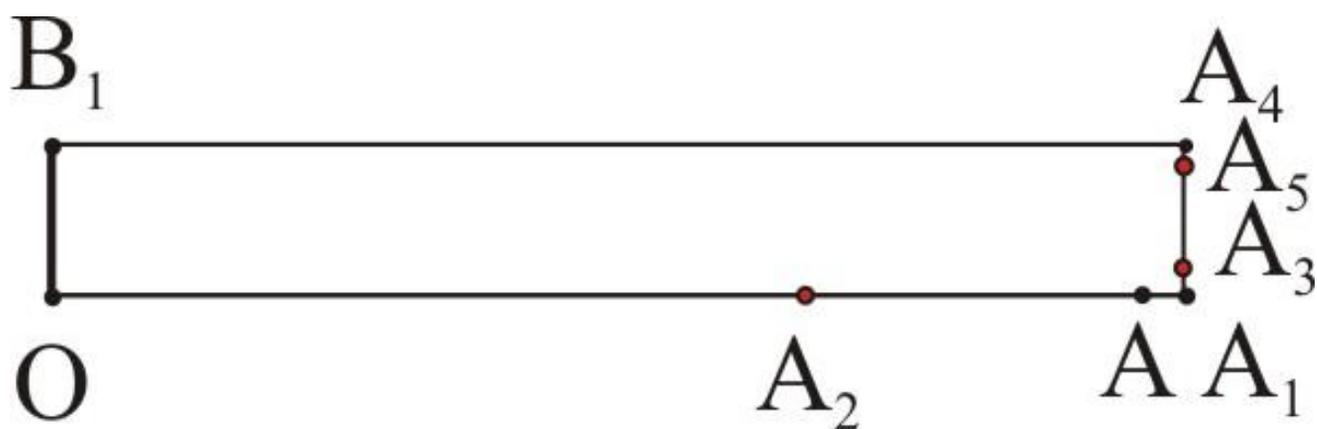


$$OB_1 = 2,5 \div 3,5 \text{ см}$$

$$OA = C_{\text{ш}} + 0,8 \text{ см}$$

$$AA_1 = \text{ширина борта}$$

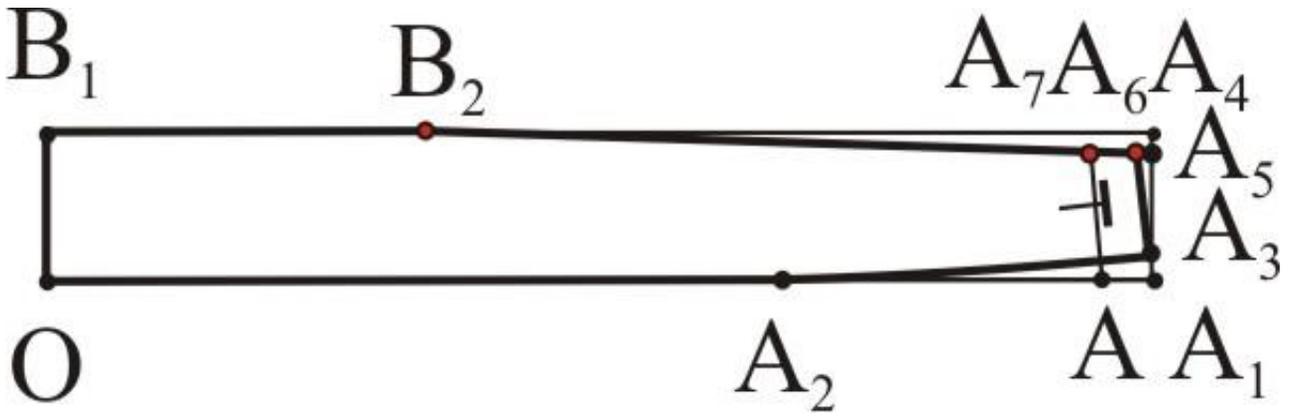




$$A_1A_2 = \frac{1}{3} A_1O$$

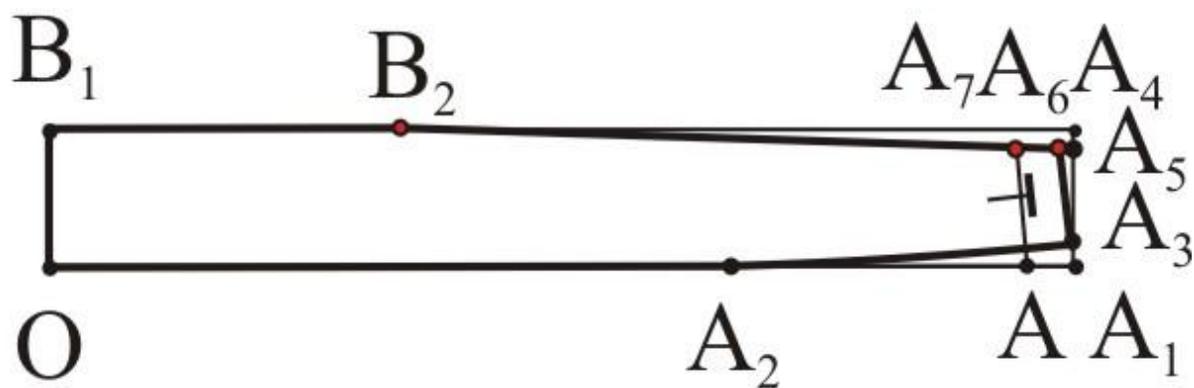
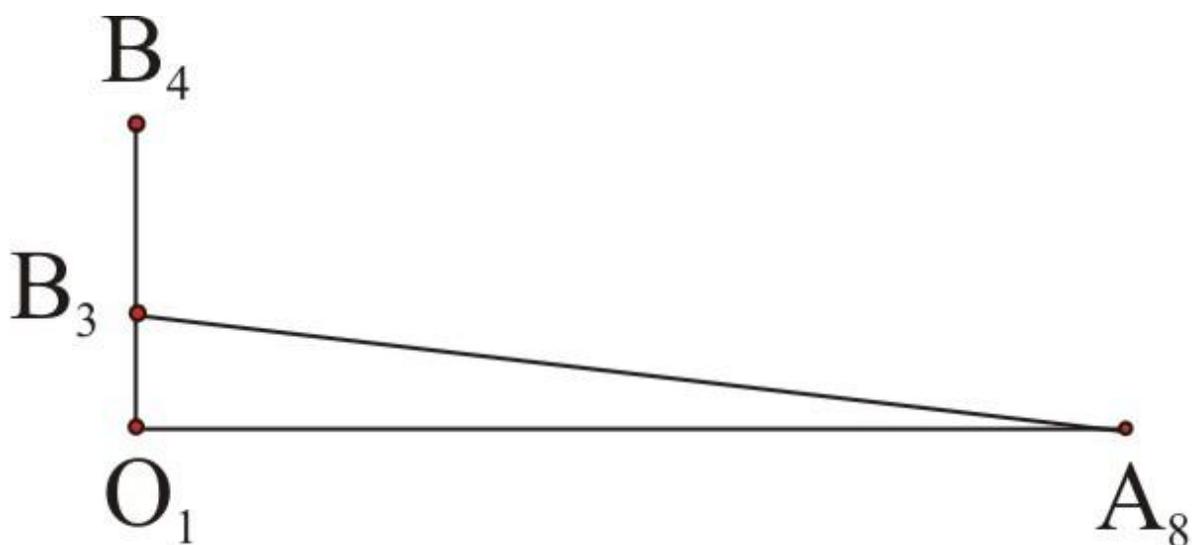
$$A_1A_3 = 0,5 \text{ cm}$$

$$A_4A_5 = 0,2 \div 0,3 \text{ cm}$$



$$B_1B_2 = \frac{1}{3} B_1A_4$$

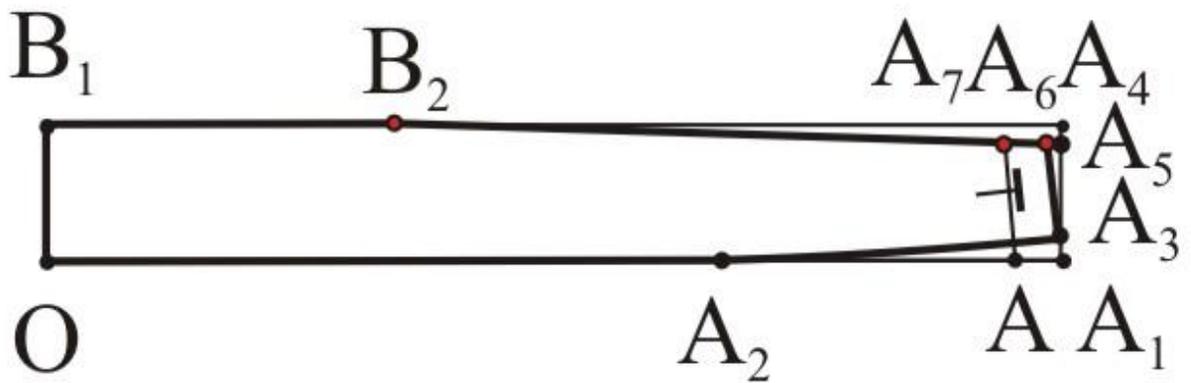
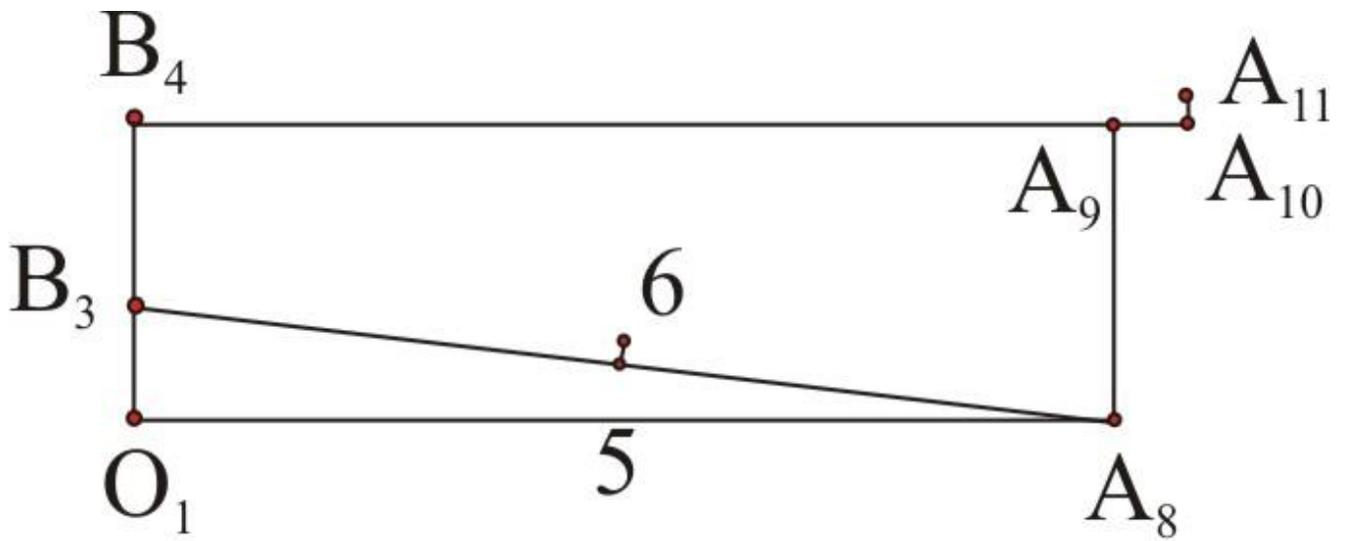
$$A_6A_7 = AA_1$$



$$O_1 B_3 = 2,0 \div 3,5 \text{ cm}$$

$$B_3 B_4 = 3,5 \div 4,5 \text{ cm}$$

$$O_1 A_8 = C_{III} + 0,5 \text{ cm}$$



$$A_9 A_{10} = 0 \div 2,5 \text{ cm}$$

$$A_{10} A_{11} = 0 \div 1,5 \text{ cm}$$

$$B_3 5 = 0,5 B_3 A_8$$

$$5-6 = 0,5 + 0,7 \text{ cm}$$

