

Samarqand viloyati kasbiy ko'nikmalar

Mintaqaviy markazining

2025 yil “29” apreldagi

211-sonli buyrug'iiga

II-ilova

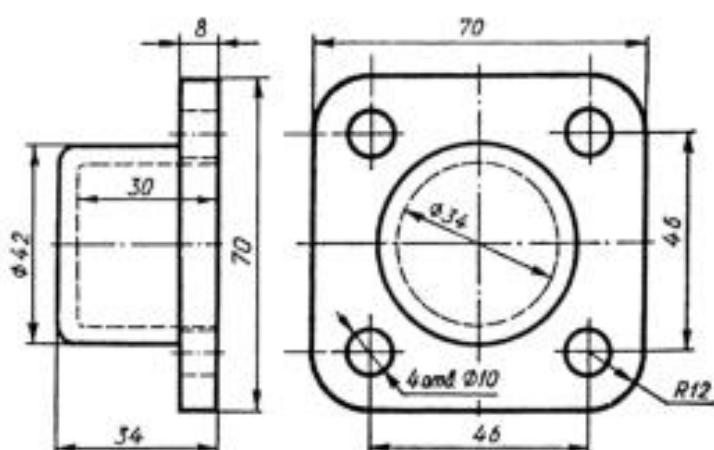
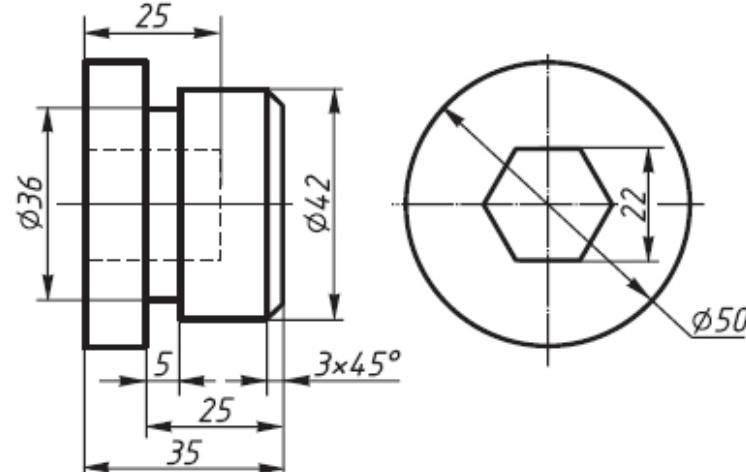
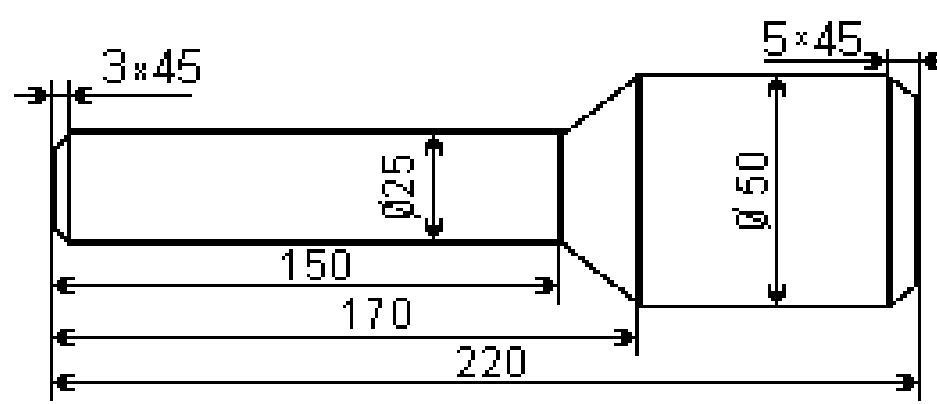
Mashinasozlik yo'nalishi bo'yicha Ya DAK imtihonlari uchun namunaviy topshiriq savollari

1. Tokarniy mashinasi bilan diametri 20 quvurga 15 mm rezba oching.
2. Tokarniy mashinasi bilan diametri 50 quvurga 30 gradus faska oching.
3. Tokarniy mashinasi bilan diametri 20 quvurga 2 mm faska oching.
4. Tokarniy mashinasi bilan diametri 50 turbani 15 mm kesib oling.
5. Tokarniy mashinasi bilan diametric 20 prutokga markaz belgilang.
6. Tokarniy mashinasi bilan diametri 40 prutokga 20 mm parmalang.
7. Tokarniy mashinasi bilan diametri 35 prutokga 20mm ichki rezba oching.
8. Tokarniy mashinasi bilan diametri 38 prutokga 15 mm masofaga 2 mm paz oching.
9. Tokarniy mashinasi bilan diametri 40 prutokga ichki diamaetri 15 mm yo'ning.
10. Tokarniy mashinasi bilan diametri 40 prutokga 45 gradus ishlov bering.
11. Tokarniy mashinasi bilan diametri 35 prutokga 20 mm automatik ishlov bering.
12. Tokarniy mashinasi bilan diametri 10 pturokga 5 mm rezba oching.
13. Tokarniy mashinasi bilan diametri 20 prutokka ichki rezba oching.
14. Tokarniy mashinasining yog'lash tizimini tekshiring.
15. Tokarniy mashinasining knematisk sxemasini tushuntirib bering.
16. Frezerniy mashinasining knematisk sxemasini tushuntirib bering.
17. Frezerniy mashinasi bilan 20mm listni ustki yuzasini 2 mm ishlov bering.
18. Frezerniy mashinasi bilan 40mm plastinaga 15 mm fasofadan 20 mm paz oching.
19. Frezerniy mashinasi bilan metal plastinaga 15 mm parmalang.
20. Frezerniy mashinasi bilan 4 ta teshik xosil qilib zenkofkalang.
21. Frezerniy mashinasi bilan 15 mm ichki rezba oching.
22. Frezerniy mashinasi bilan aylana yuzalarga ishlov bering.
23. Frezerniy mashinasi bilan vertikal yuzaga ishlov berib ko'rsating.
24. Frezerniy mashinasi bilan garizantal yuzaga ishlov berib ko'rsating.
25. Frezerniy mashinasi o'qlarini tushuntirib bering.
26. Frezerniy mashinasi z o'qi boylab 15 mm tushuring.
27. Frezerniy mashinasini tezliklarni rostlashni ko'rsating.
28. Frezerniy mashinasi bilan sentr belgilang.
29. Frezerniy mashinasining turlari xaqida malumot bering.
30. Frezerniy mashinasi bilan qanday detallarga ishlov berib bo'lmaydi.

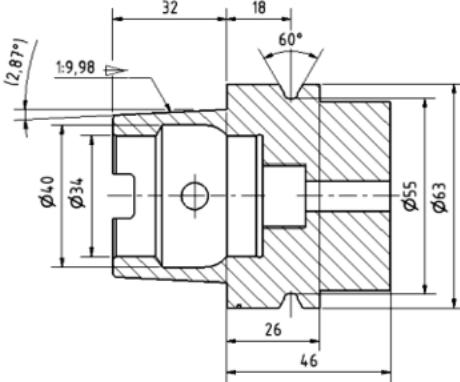
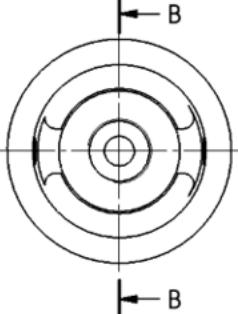
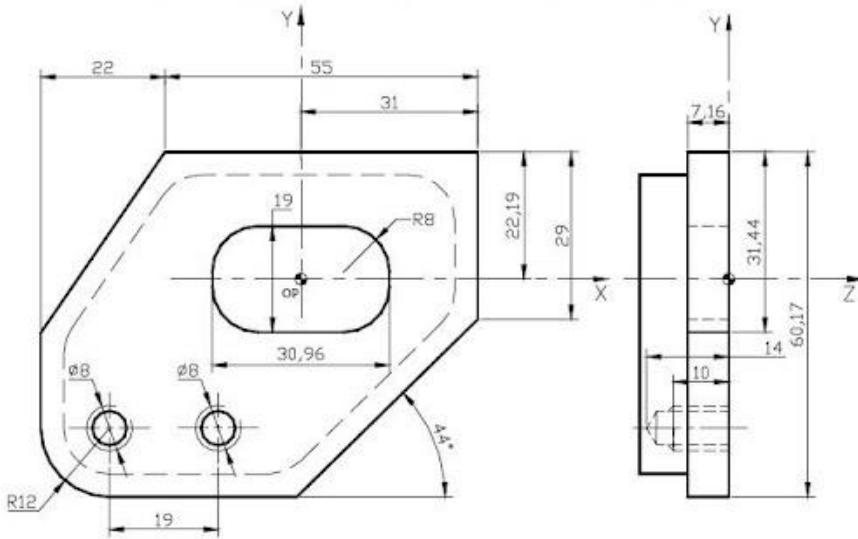
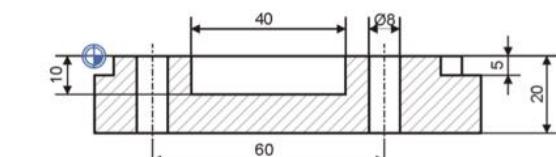
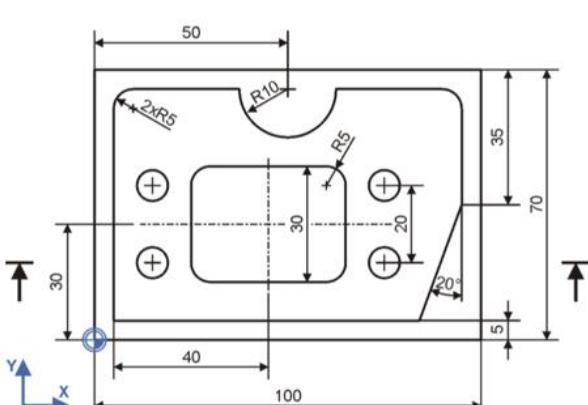
Izoh: Asosiy amaliy topshiriqlar, variantlar asosida keying betlarda ilova qilingan.

Asosiy amaliy topshiriqlar to'plami

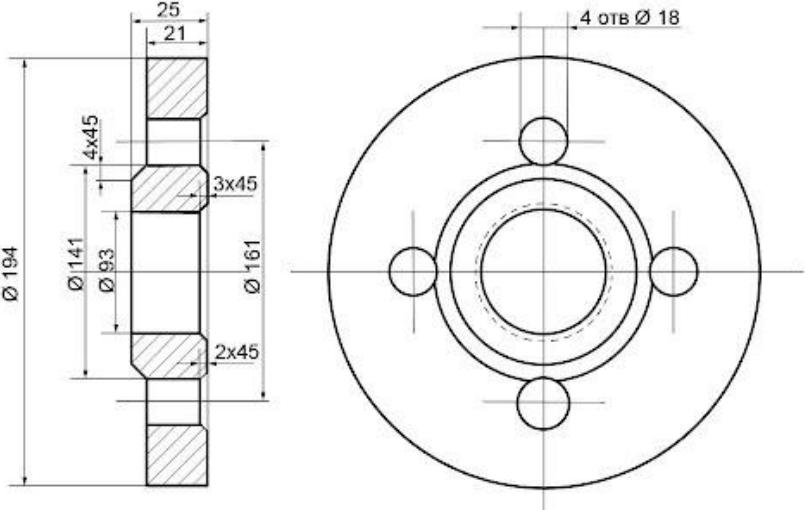
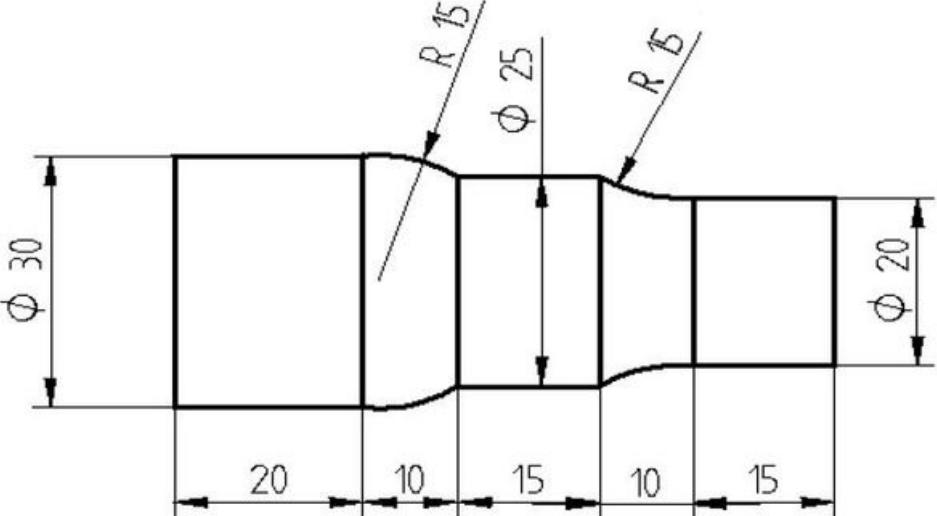
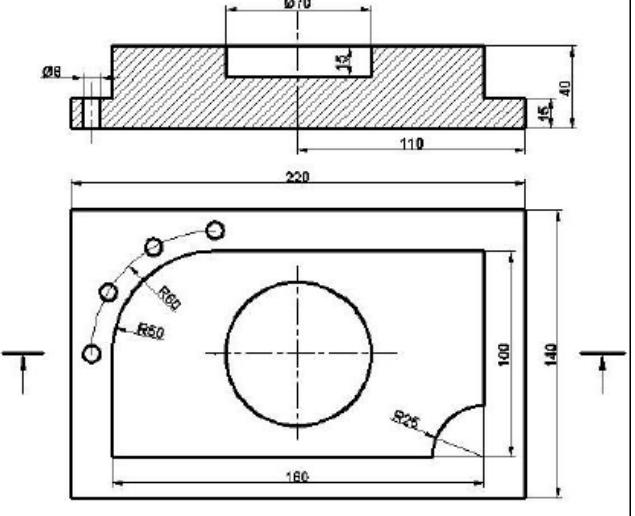
Variant-1

1		Chizmani o'qing va tushuntirib bering
2		Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing
3		Detalni CNCpro dasturida yasang

Variant-2

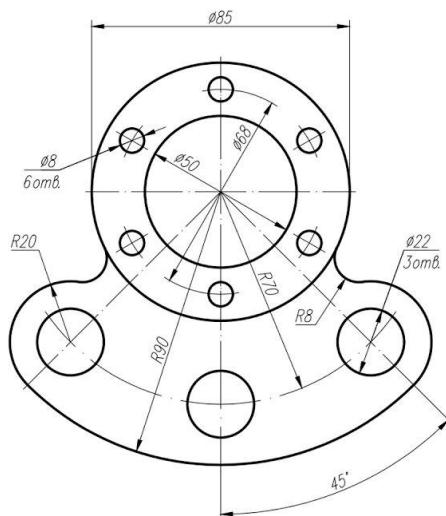
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2 	Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing
3  	Detalni CNCpro dasturida yasang

Variant-3

1		Chizmani o'qing va tushuntirib bering
2		Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing
3		Detalni CNCpro dasturida yasang

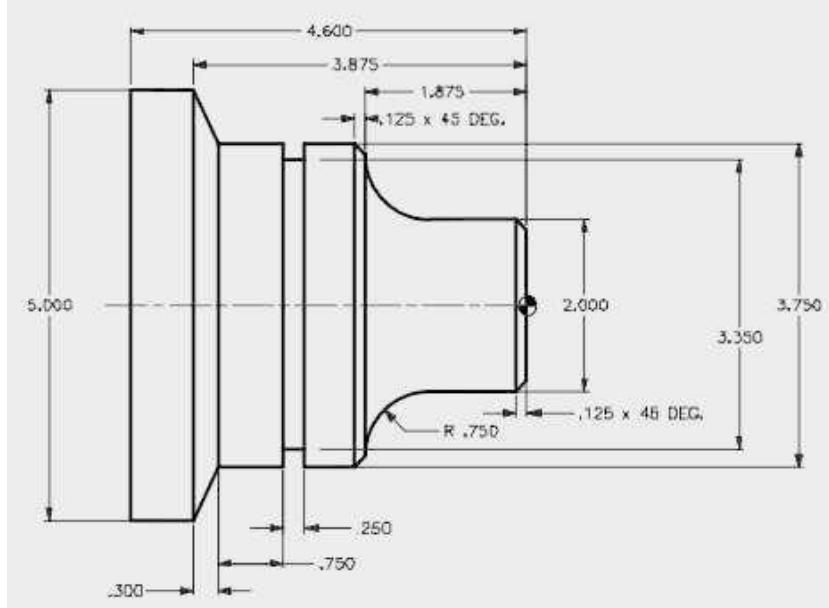
Variant-4

1



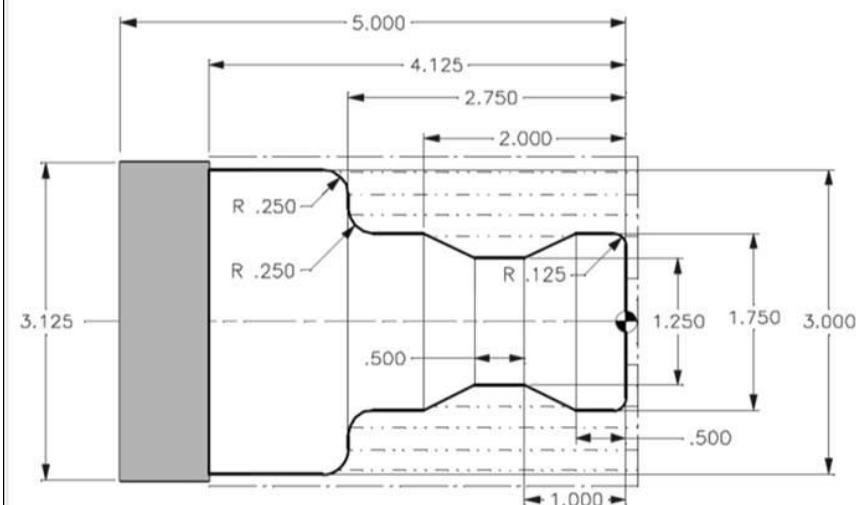
Chizmani
o'qing va
tushuntirib
bering

2



Chizmani
SolidWorks
dasturida
chizib, **G-M**
kod yoki
Solid CAM
dasturida
programma
tuzing

3

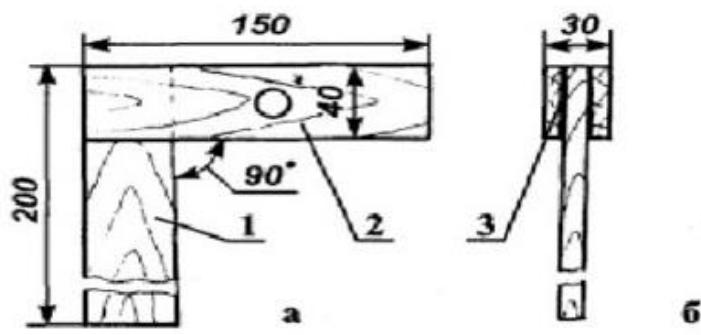


Detalni
Tokarlik
CNCpro
dasturida
yasang

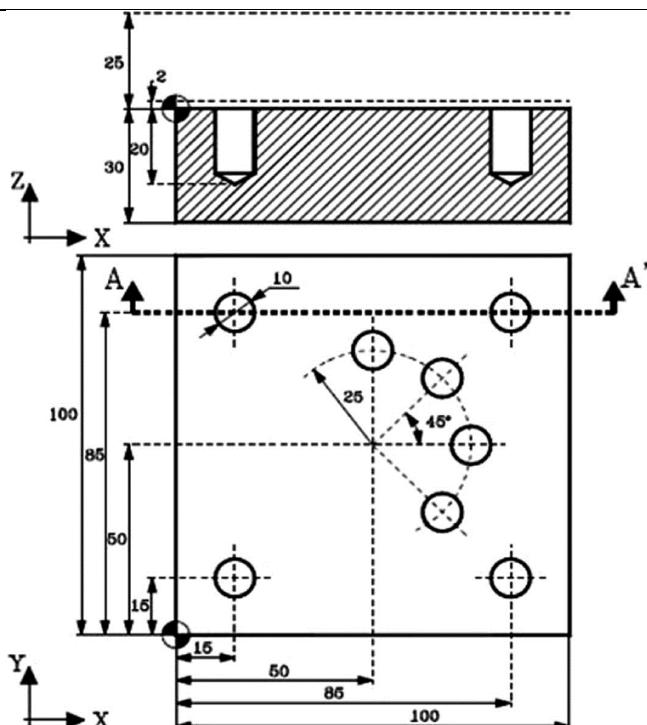
Variant-5

1		<p>Chizmani o'qing va tushuntirib bering</p>
2		<p>Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing</p>
3		<p>Detalni CNCpro dasturida yasang</p>

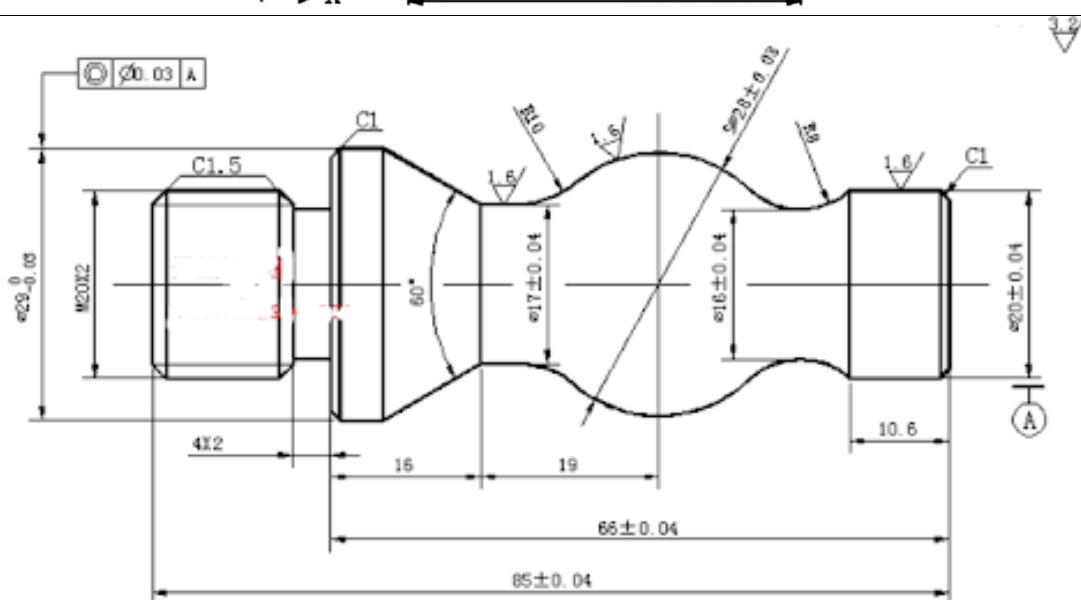
Variant-6



Chizmani
o'qing va
tushuntirib
bering



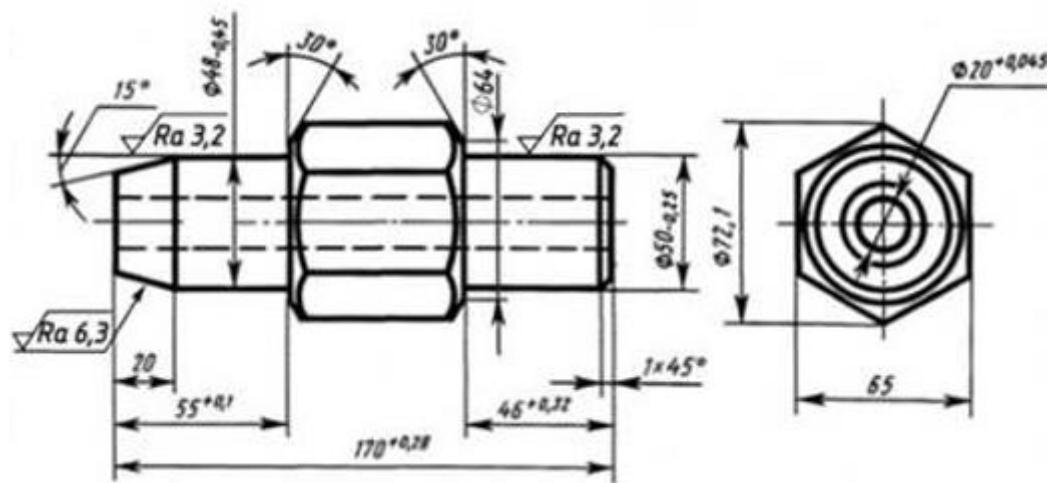
Chizmani
SolidWorks
dasturida
chizib, **G-M**
kod yoki
Solid CAM
dasturida
programma
tuzing



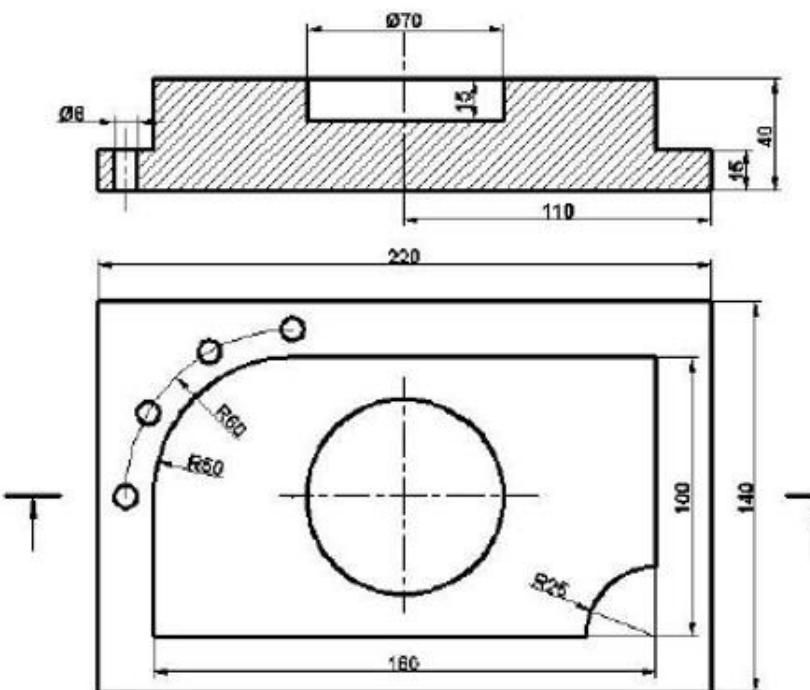
Detalni
CNCpro
dasturida
yasang

1	<p>Technical drawing of a mechanical part (1). The part has a total height of $\varnothing 57$. It features a top step with a width of 35, a bottom step with a width of 45, and a middle section with a width of 35. Surface finish requirements include $\sqrt{Ra\ 1,6}$ for the top and bottom faces, $2\times 45^\circ$ chamfers, and $\sqrt{Ra\ 3,2}$ for the side faces. A callout shows a circular feature with a diameter of $\varnothing 38$ and a height of $H_{3,3}$. A note indicates $R0,25\ max$.</p>	<p>Chizmani o'qing va tushuntirib bering</p>
2	<p>Technical drawing of a mechanical part (2). The part has a total height of 97 ± 0.05. It features a top step with a width of 22.5 and a height of $\varnothing 29,7$. The main body has a height of 64.5 and a width of 4 ± 0.05. Internal features include a slot of width 15 and depth 23, a central hole of diameter $\varnothing 34$, and a bottom hole of diameter $\varnothing 44$. Surface finish requirements include $c=1:5$ for the top edge, R_8 for the top corner, and R_{24} for the bottom corner. A callout shows a circular feature with a diameter of $\varnothing 20$ and a height of H_{20}. A note indicates $Z=X*X/10$.</p>	<p>Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing</p>
3	<p>Technical drawing of a mechanical part (3). The part has a total width of 98. It features a central hole of diameter $\varnothing 66$ and a flange with an outer diameter of $\varnothing 82$. The flange has four mounting holes. A vertical slot on the left has a width of $1x45$. The part has a total height of 12. A note indicates $M8X1.25$.</p>	<p>Detalni CNCpro dasturida yasang</p>

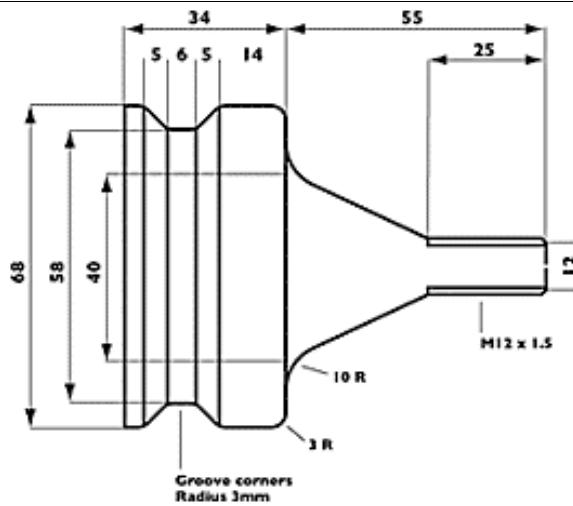
Variant-8



Chizmani
o'qing va
tushuntirib
bering



Chizmani
SolidWorks
dasturida
chizib, **G-M**
kod yoki
Solid CAM
dasturida
programma
tuzing



Detalni
CNCpro
dasturida
yasang

Variant-9

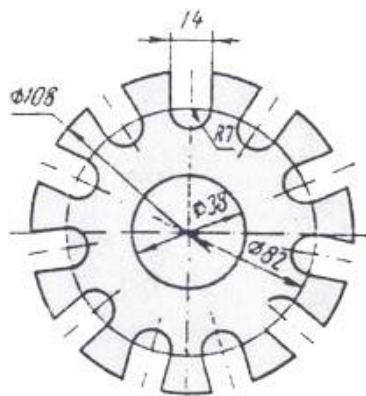
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<p>2</p>	<p>Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing</p>
<p>3</p>	<p>Detalni CNCpro dasturida yasang</p>

Variant-10

1	<p>Technical drawing of a mechanical part labeled 1. The top view shows a horizontal profile with a total width of 100, a central slot of width 35, and side slots of width 10. There are two holes at the top with a diameter of Ø12 and a semi-circular end radius of R20. The height of the part is 30. The bottom view shows a rectangular base with a central vertical slot of height 50.</p>	<p>Chizmani o'qing va tushuntirib bering</p>
2	<p>Technical drawing of a mechanical part labeled 2. The top view shows a profile with a total width of 95, a central slot of width 62, and side slots of width 27. There is a large hole with a diameter of Ø80 and a semi-circular end radius of R80. The height of the part is 85. The bottom view shows a rectangular base with a central vertical slot of height 55.</p>	<p>Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing</p>
3	<p>Technical drawing of a mechanical part labeled 3. The top view shows a profile with a total width of 70, a central slot of width 40, and side slots of width 45. There is a small hole with a diameter of Ø8 and a semi-circular end radius of R8. The height of the part is 50. The bottom view shows a rectangular base with a central vertical slot of height 20.</p>	<p>Detalni CNCpro dasturida yasang</p>

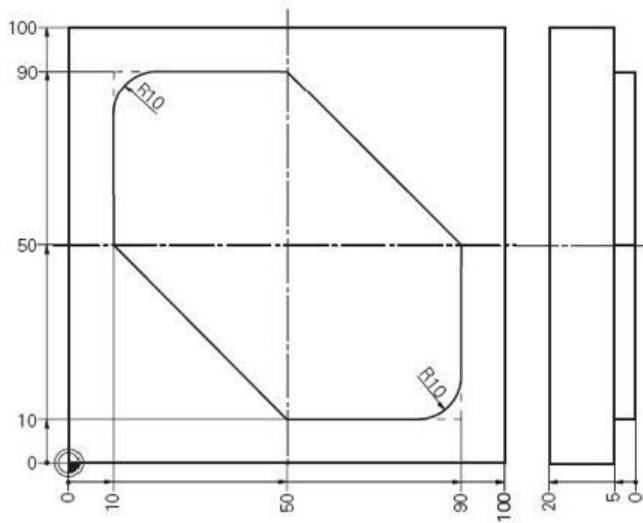
Variant-11

1



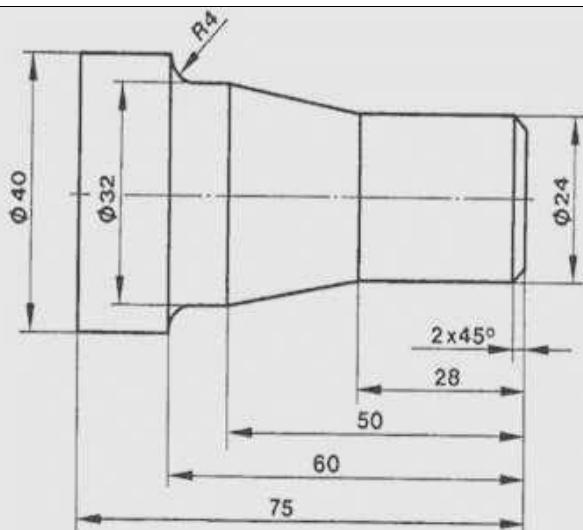
Chizmani
o'qing va
tushuntirib
bering

2



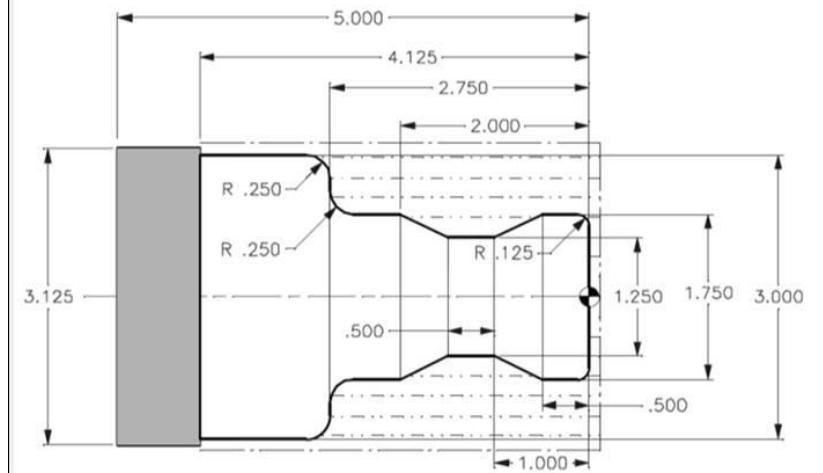
Chizmani
SolidWorks
dasturida
chizib, **G-M**
kod yoki
Solid CAM
dasturida
programma
tuzing

3

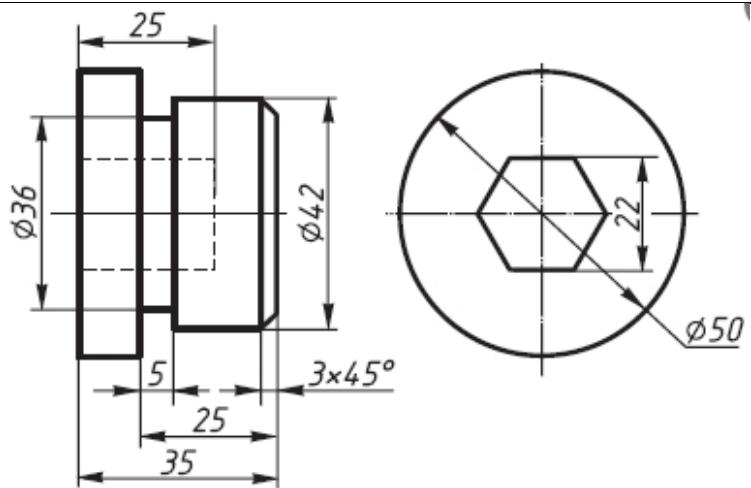


Detalni
CNCpro
dasturida
yasang

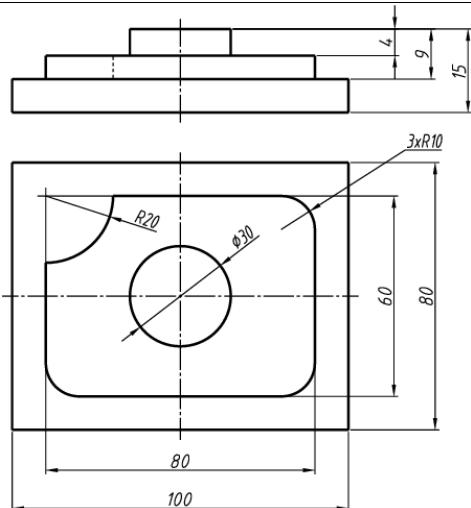
Variant-12



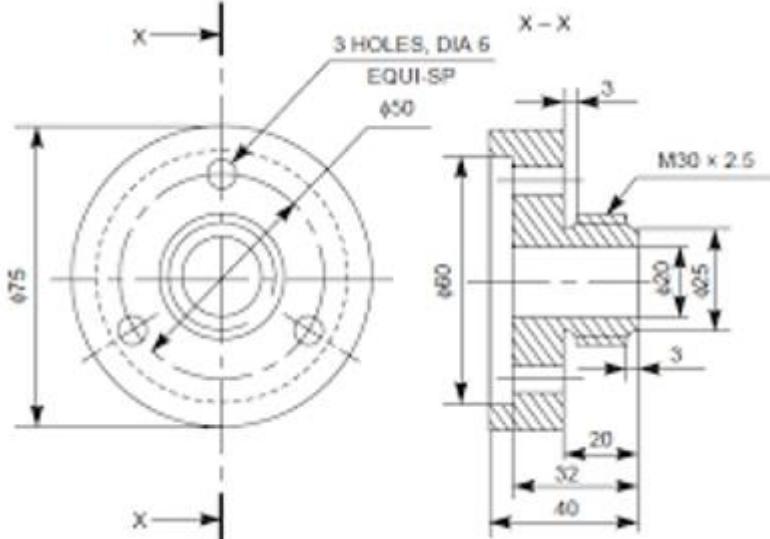
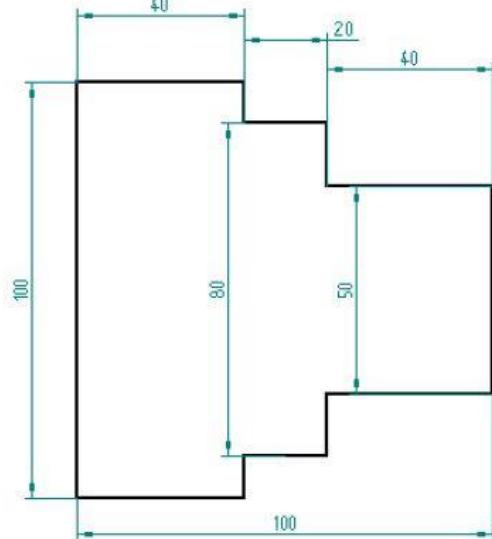
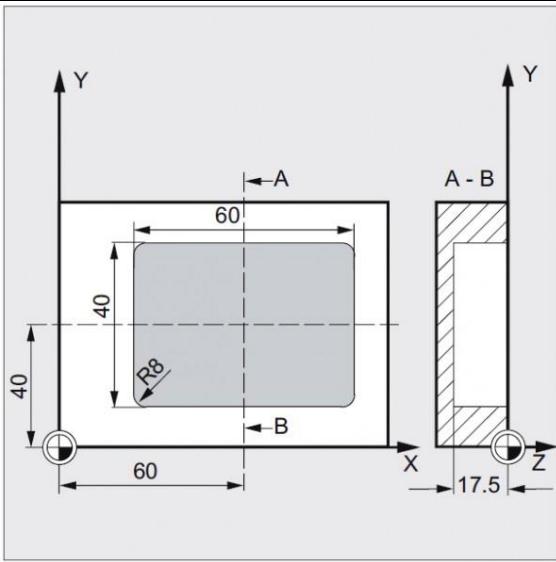
Chizmani
o'qing va
tushuntirib
bering



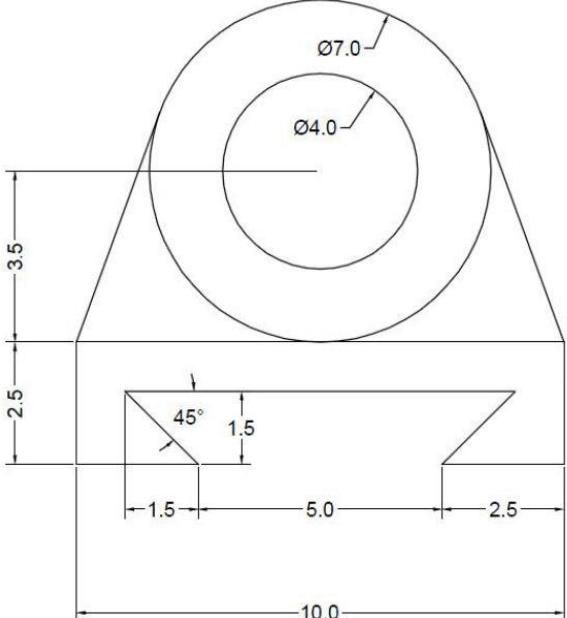
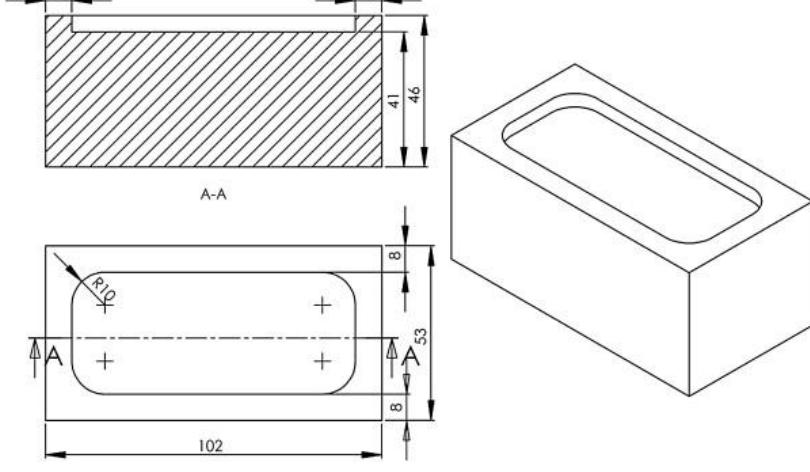
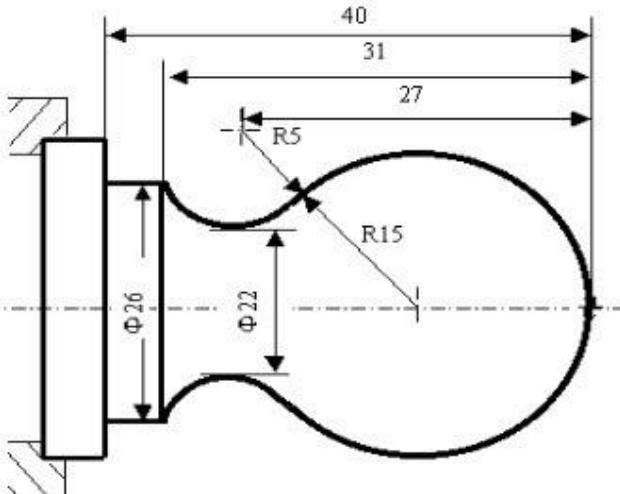
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SolidWorks
dasturida
chizib, G-M
kod yoki
Solid CAM
dasturida
programma
tuzing



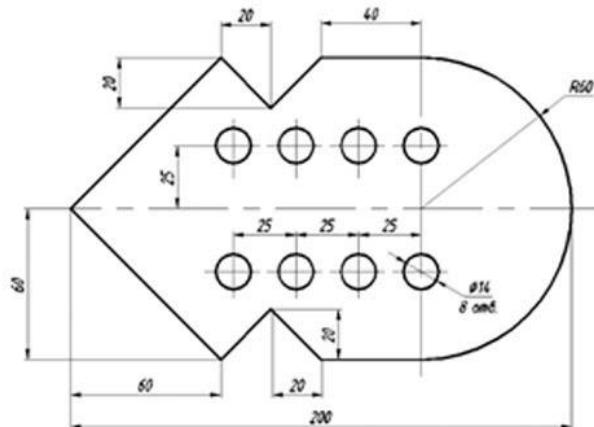
Detalni
CNCpro
dasturida
yasang

1	 <p>Technical drawing of a circular part with three holes and a cross-sectional view showing a stepped bore.</p> <p>Front View Dimensions:</p> <ul style="list-style-type: none"> Outer diameter: $\varnothing 50$ Total height: 75 Three holes, dia 6, equi-spaced (EQUI-SP) <p>Cross-Sectional View Dimensions:</p> <ul style="list-style-type: none"> Overall height: 660 Step heights: 3, 3, 3, 3, 3 Step widths: 40, 32, 32, 20, 20 Bottom hole diameter: M30 x 2.5 Bottom step height: 25 Bottom step width: 40 	Chizmani o'qing va tushuntirib bering
2	 <p>Technical drawing of a stepped rectangular part.</p> <p>Dimensions:</p> <ul style="list-style-type: none"> Overall width: 100 Overall height: 100 Step 1: 80 (width), 80 (height) Step 2: 50 (width), 50 (height) Step 3: 40 (width), 40 (height) Step 4: 20 (width), 20 (height) 	Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing
3	 <p>Technical drawing of a part with a central slot and a cross-sectional view A-B.</p> <p>Front View Dimensions:</p> <ul style="list-style-type: none"> Overall width: 60 Overall height: 40 Slot width: 40 Slot depth: 40 Radius: R8 Bottom hole diameter: 17.5 <p>Cross-Sectional View A-B Dimensions:</p> <ul style="list-style-type: none"> Width: 60 Height: 17.5 	Detalni CNCpro dasturida yasang

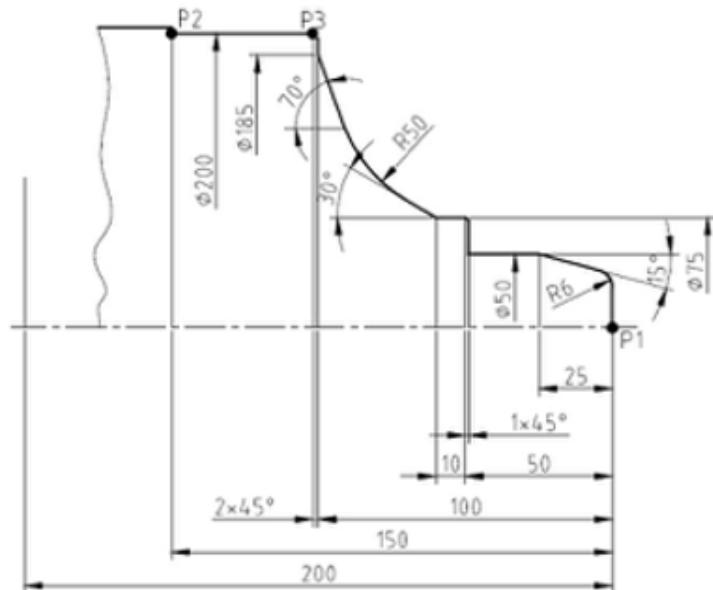
Variant-14

1	 <p>Technical drawing of a stepped block. The top surface has two concentric circles: an outer circle of diameter $\varnothing 7.0$ and an inner circle of diameter $\varnothing 4.0$. The total height of the block is 3.5. The front face shows a base width of 10.0, divided into segments of 2.5, 5.0, and 2.5. A central rectangular cutout has a depth of 1.5 and a side wall angle of 45°. The side walls are 2.5 units thick.</p>	<p>Chizmani o'qing va tushuntirib bering</p>
2	 <p>Technical drawing of a rectangular block. The front view shows a U-shaped cutout with a depth of 8 and a height of 46. The side view shows a base length of 102, a top width of 53, and side wall heights of 8. The back view shows a U-shaped cutout with a depth of 8 and a height of 41. The side walls are 8 units thick.</p>	<p>Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing</p>
3	 <p>Technical drawing of a block with a central hole. The front view shows a vertical slot with a width of 26 and a depth of 22. The side view shows a semi-circular cutout with a radius of R15 and a vertical slot with a width of 27 and a depth of 31. The total height of the block is 40. The side walls are 5 units thick.</p>	<p>Detalni CNCpro dasturida yasang</p>

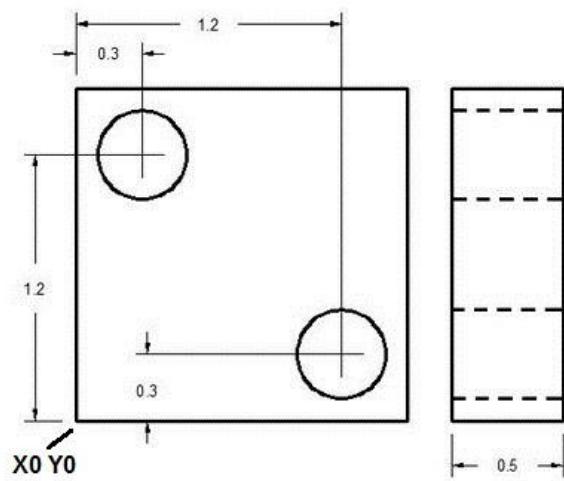
Variant-15



Chizmani
o'qing va
tushuntirib
bering



Chizmani
SolidWorks
dasturida
chizib, **G-M**
kod yoki
Solid CAM
dasturida
programma
tuzing



Detalni
CNCpro
dasturida
yasang

Variant-16

	<p>Chizmani o'qing va tushuntirib bering</p>
	<p>Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing</p>
	<p>Detalni CNCpro dasturida yasang</p>

1		<p>Chizmani o'qing va tushuntirib bering</p>
2		<p>Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing</p>
3		<p>Detalni CNCpro dasturida yasang</p>

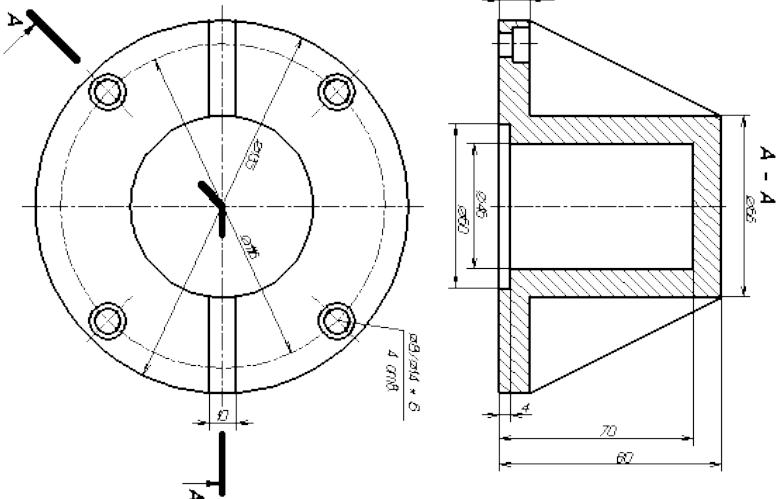
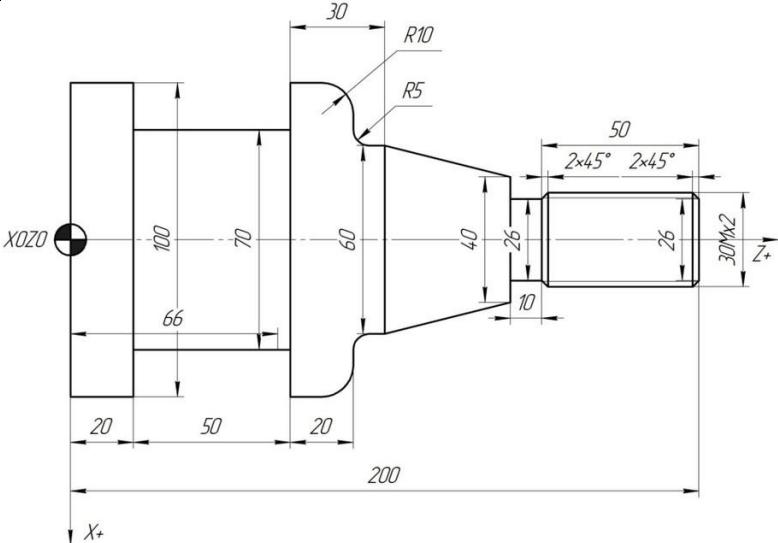
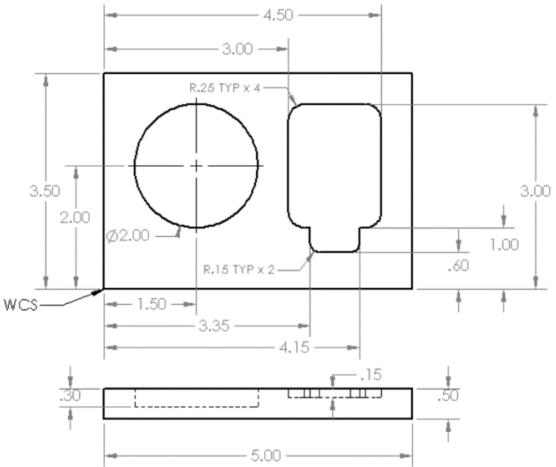
Variant-18

1 		<p>Chizmani o'qing va tushuntirib bering</p>
2 		<p>Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing</p>
3 		<p>Detalni CNCpro dasturida yasang</p>

Variant-19

		Chizmani o'qing va tushuntirib bering
1		Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing
2		Detalni CNCpro dasturida yasang

Variant-20

1 	Chizmani o'qing va tushuntirib bering
2 	Chizmani SolidWorks dasturida chizib, G-M kod yoki Solid CAM dasturida programma tuzing
3 	Detalni CNCpro dasturida yasang

Tuzuvchi:

Mashinasozlik va elektronika

bo'limi boshlig'i

R.Xo'jamatov