

O'ZBEKISTÎN RESPUBLIKASI
ÎLIY VA O'RTA MAXSUS TA'LIM VAZIRLIGI
NAMANGAN MUHANDISLIK-PEDAGOGIKA
INSTITUTI

K.H.Madumarîv, A.K.Xamrîqulîv



MUHANDISLIK GRAFIKASI
fanidan

MUSTAQIL ISH TOPSHIRIQLARI

III-variant

NAMANGAN-2012

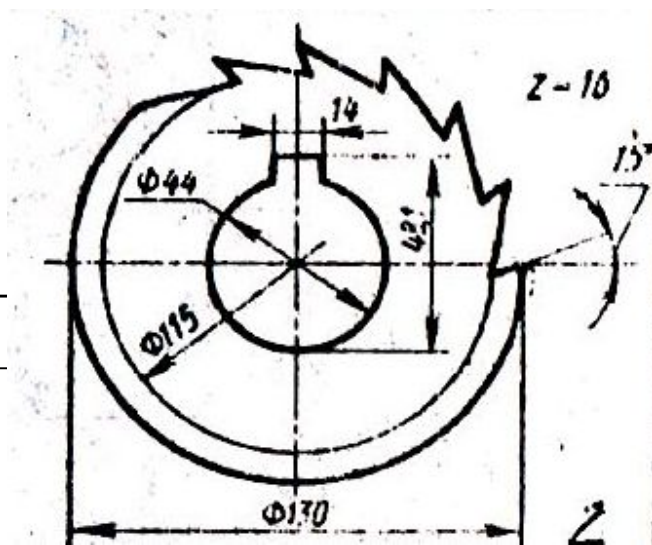
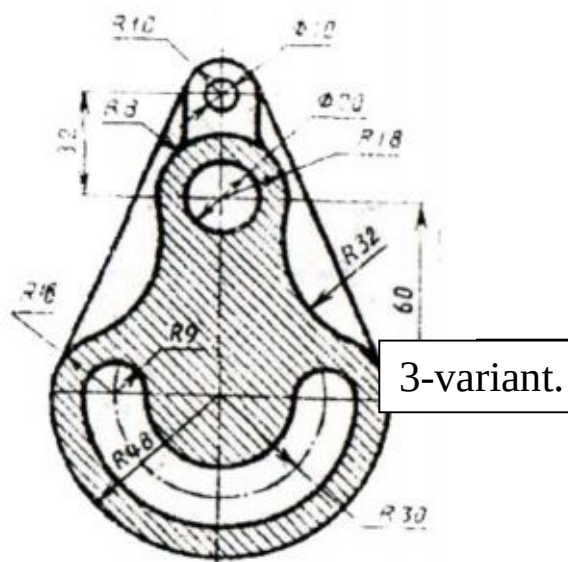
Ushbu muhandislik grafikasi fanidan mustaqil ish topshiriqlari barcha
yo'nalish talabalari uchun mo'ljallangan

Tuzuvchilar: dots. t.f.n.K.Madumarov
k.o'q. A.Hamroqulov

Taqrizchi dots. p.f.n. G.Tubayev

Ushbu mustaqil ish topshiriqlari «Chizma geometriya va muhandislik grafikasi» kafedrasining ilmiy-uslubiy seminarida ko'rib chiqilgan va institut ilmiy-uslubiy kengashiga ko'rib chiqish uchun tavsiya etilgan. („_” _____ 2012 yil, ____ - sonli majlis bayoni)

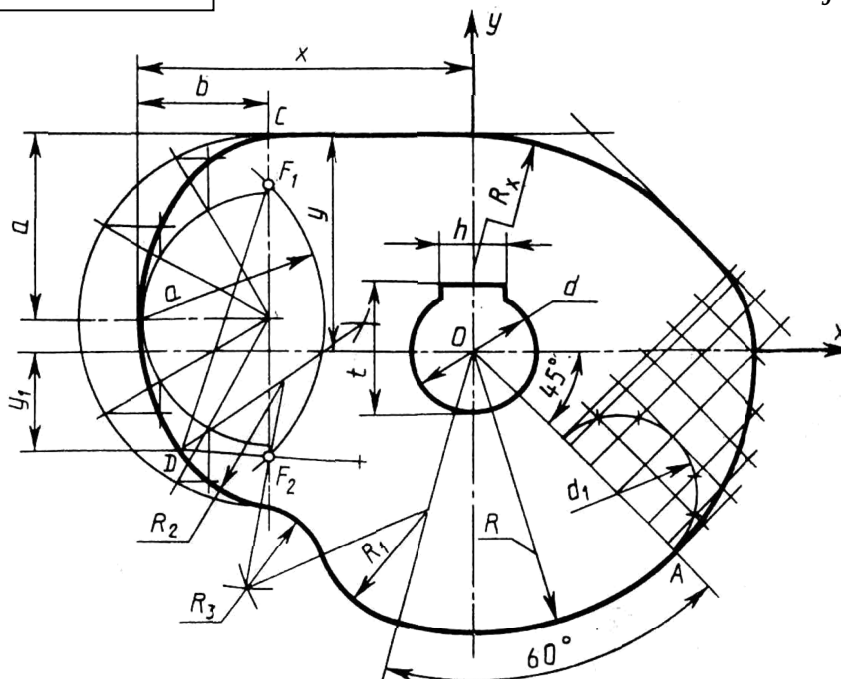
Ushbu mustaqil ish topshiriqlari Namangan muhandislik-pedagogika institutining ilmiy-uslubiy kengashida ko'rib chiqilgan va chop etishga tavsiya etilgan. („_” _____ 2012 yil, ____ - sonli majlis bayoni)



larga oid to

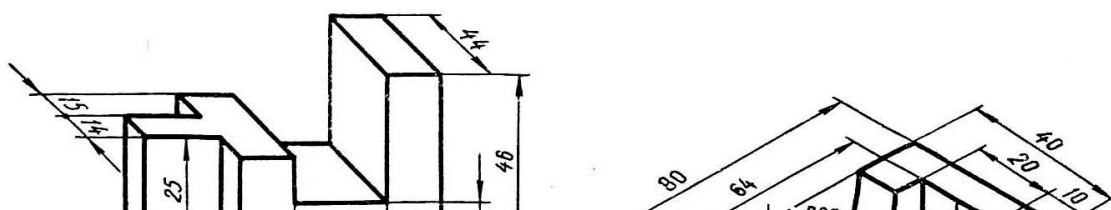
3-variant. 2-topshiriq

«Mushtumcha» detali chizmasini bajaring



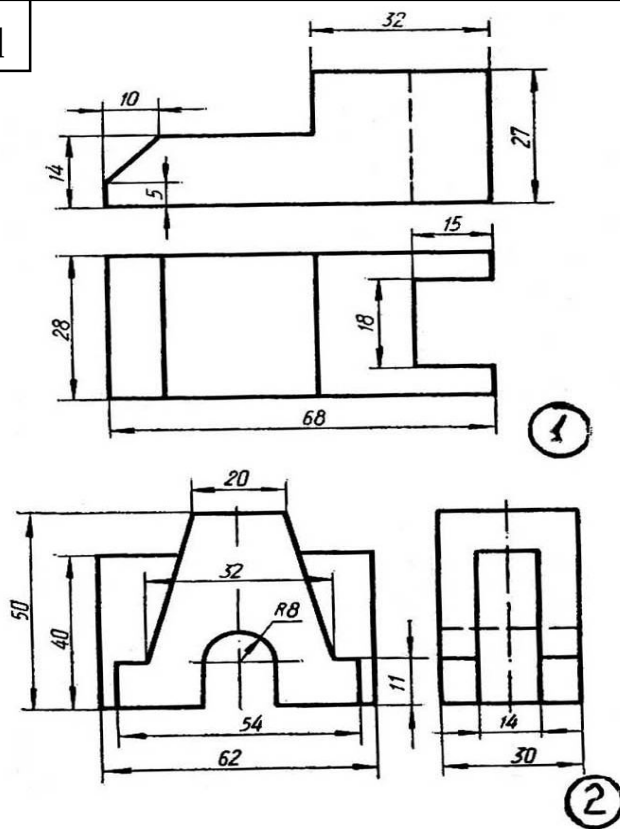
Variant	R	R ₁	R ₂	R ₃	a	b	d	d ₁	h	t	x	y	y ₁		
3	95	35	35	25	70	50	40	60	12	45	100	85	40		

3-variant. 3-topshiriq



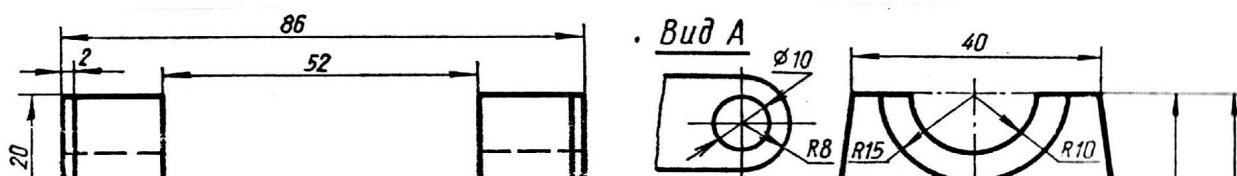
Modelning kompleks chizmasini (kerakli proektsiyalarini) quring va o'lchamlarini qo'ying

3-variant. 4-topshiriq



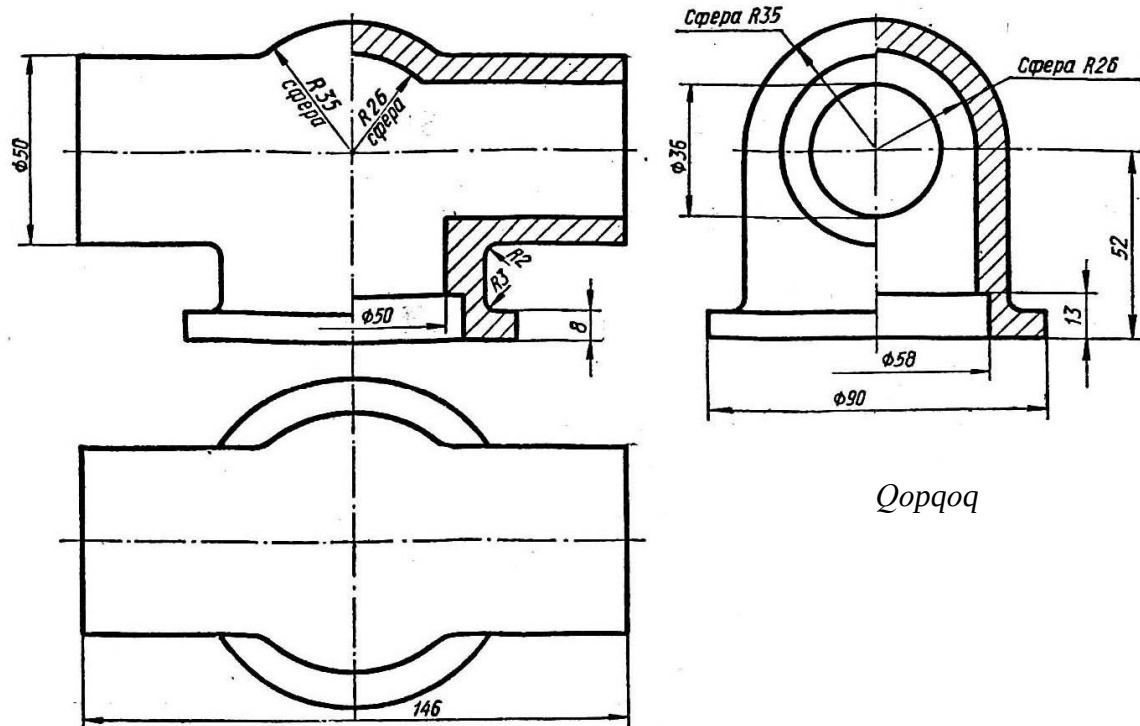
Modelning uchinchi proektsiyasini va texnik rasmini quring.

3-variant. 5-topshiriq

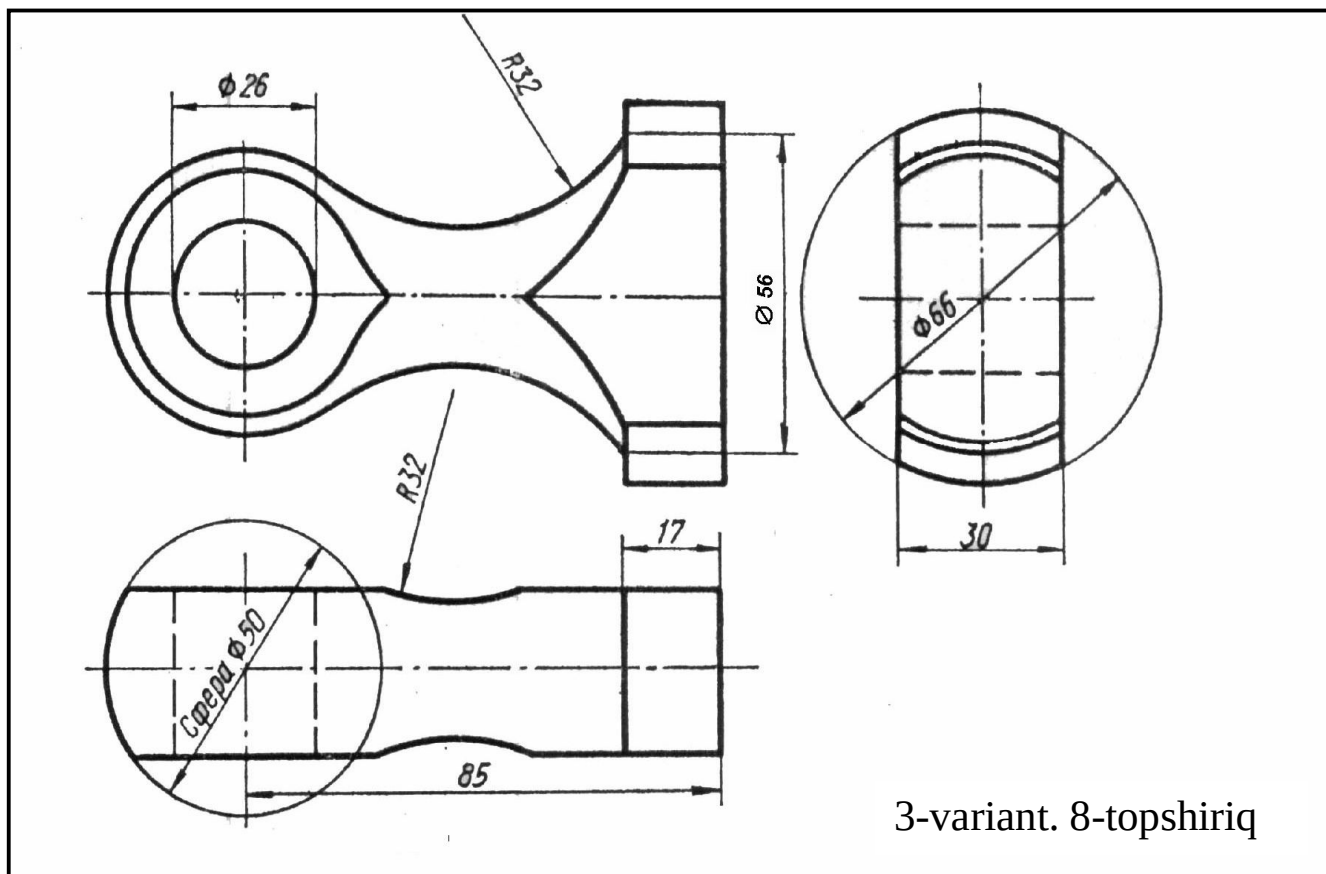


Modelning uchinchi proektsiyasini va texnik rasmini

3-variant. 7-topshiriq

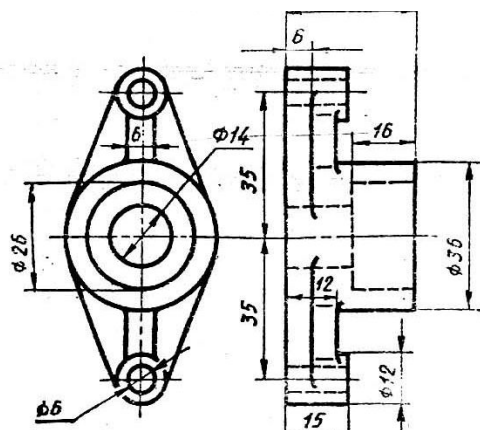


Detal chizmasini bajaring va sirlarning kesishish chiziqlarini quring.



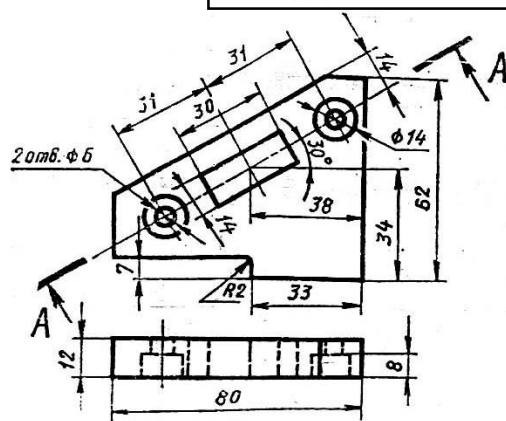
Kesish chiziqlarini qurish

3-variant. 9-topshiriq

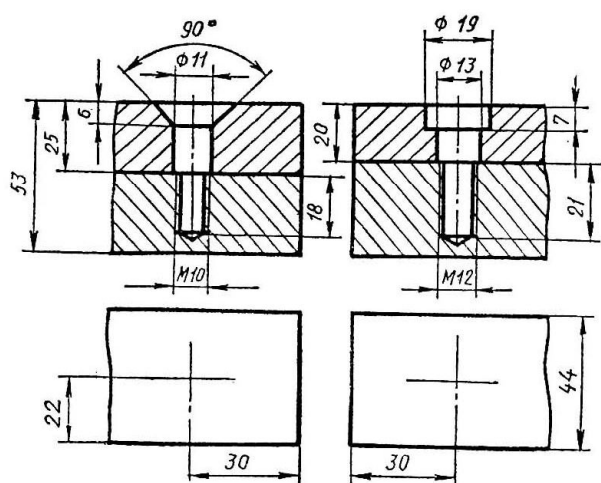
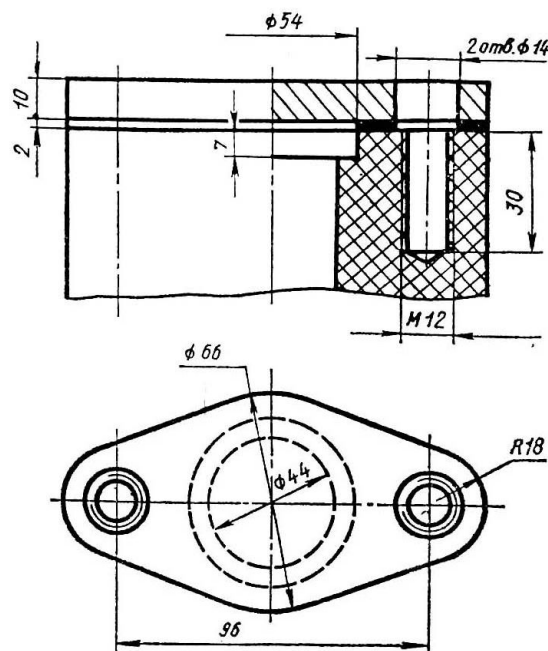
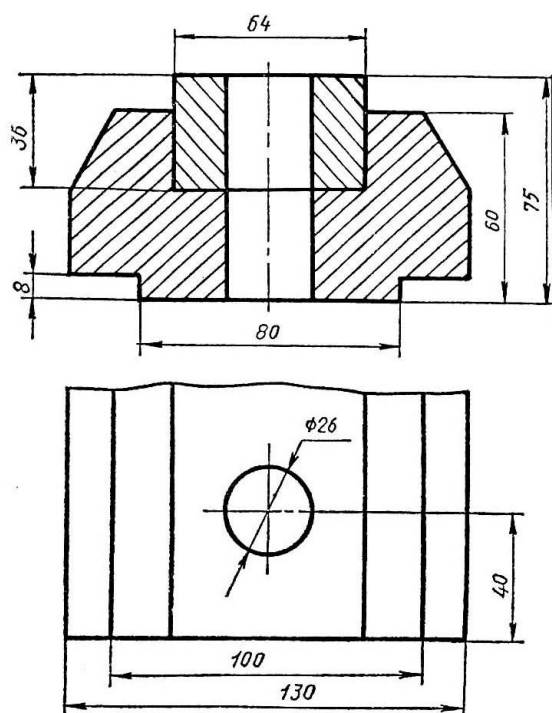


① **Korpus**

1-topshiriq. Old ko'rinishni frontal qirg'im bilan almashtiring.
2-topshiriq. Yuqori ko'rinishni A-A ko'rinish bilan almashtiring.



②



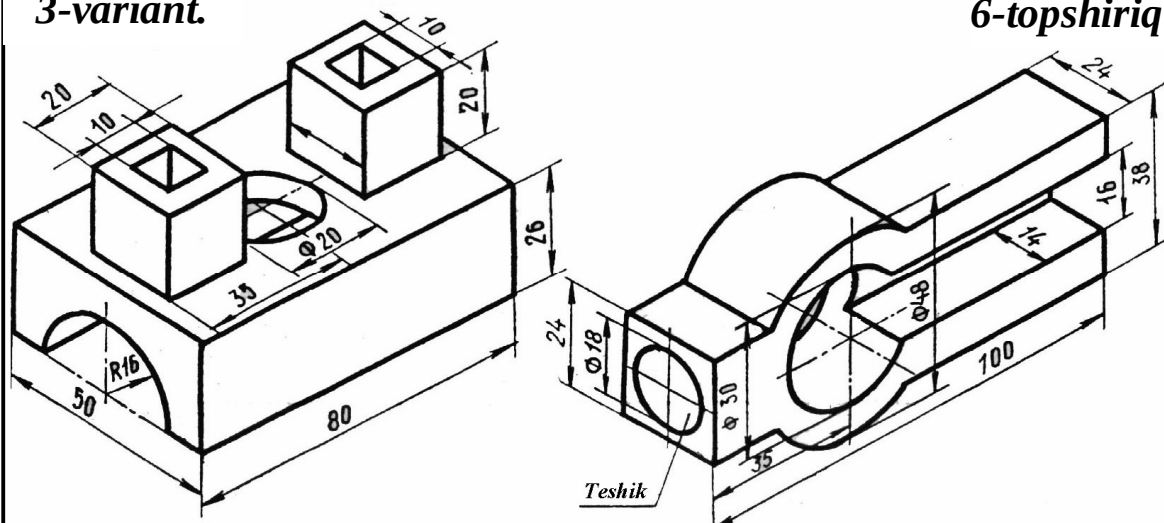
1-boltli, 2-shpilkali va 3-vintli birikmalarni chizing.

Bolt, shpilka va vint diametri va uzunliklarini hisoblang va faqat rezba o'lchamlarini qo'ying.

Modelning izometrik proektsiyasini qirqimi bilan va uchta proektsiasini qurish

3-variant.

6-topshiriq



Modelning uchta proektsiyasini vertical (1-topshiriq) va gorizontaal (2- topshiriq) qirqim berish yo'li bilan va izometriyasi quring.

Ikki holatda almashlab ulagich 5A127

3-variant. 11-topshiriq

Almashlab ulagich har xil asboblardagi manbani ikki holatda almashlab ulashda ishlatiladi. U korpus 1, qopqoq 8, harakatlanuvchi detallar 2, 3, 4, 7 va boshqa detallardan tuzilgan. Plastmassali korpusga, L63 markali latundan tayyorlangan, ikkita kontakt mahkamlangan.

Richag 7 chapga harakatlanganida stakan 3 o'ngga og'adi, rolik 2 esa chapga dumalaydi va ikkita chap kontaktlar tutashtiriladi. Bu vaqtda o'ng kontaktlar ochiq bo'ladi.

Ajratib ulagichni ketma-ket yig'ish

Korpus 1 kontaktlarni bosim bilan plastmassaga bosim qolip qilib tayyorlangan. Stakan 3 ga likopcha kiydirilib prujina o'rnatiladi. Keyin korpusga rolik 2 tushiriladi va unga stakan qo'yiladi.

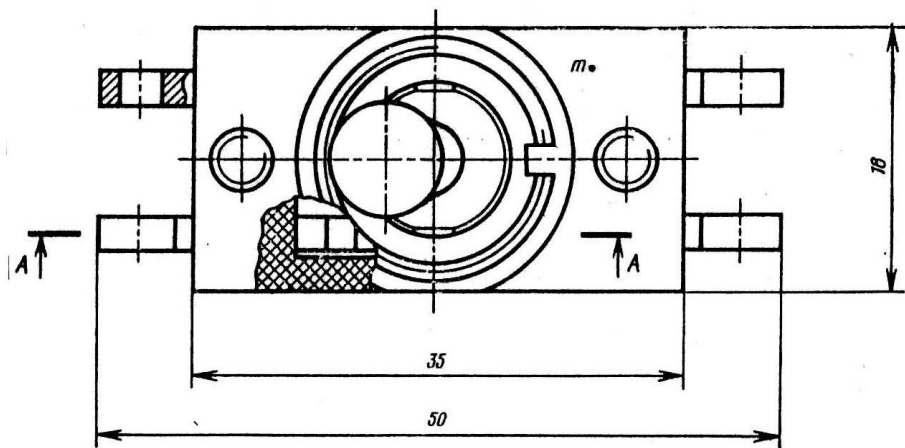
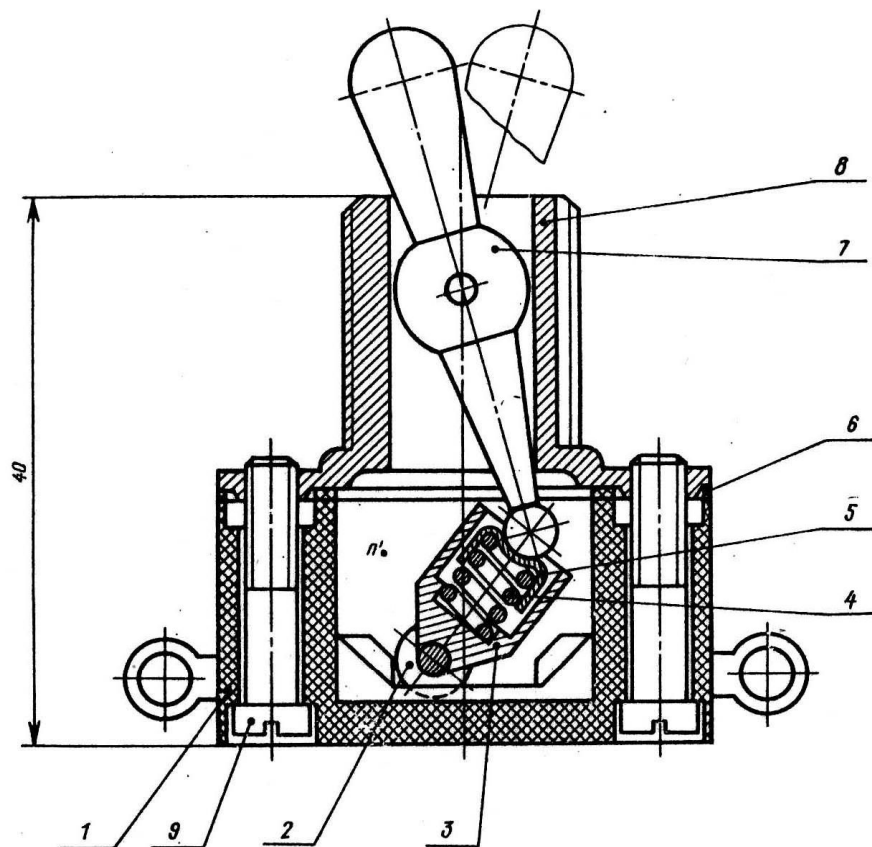
Richag 7 qopqoq 8 ga kiritilib shtift 10 bosib o'rnatiladi, qistirma 6 qo'yiladi va qopqoq 8 korpusga shunday o'rnatiladiki, unda richagning sharsimon sirti likopcha 5 ning chuqurligida joylashsin, shundan so'ng vint 9 lar burab kiritiladi.

Savollar

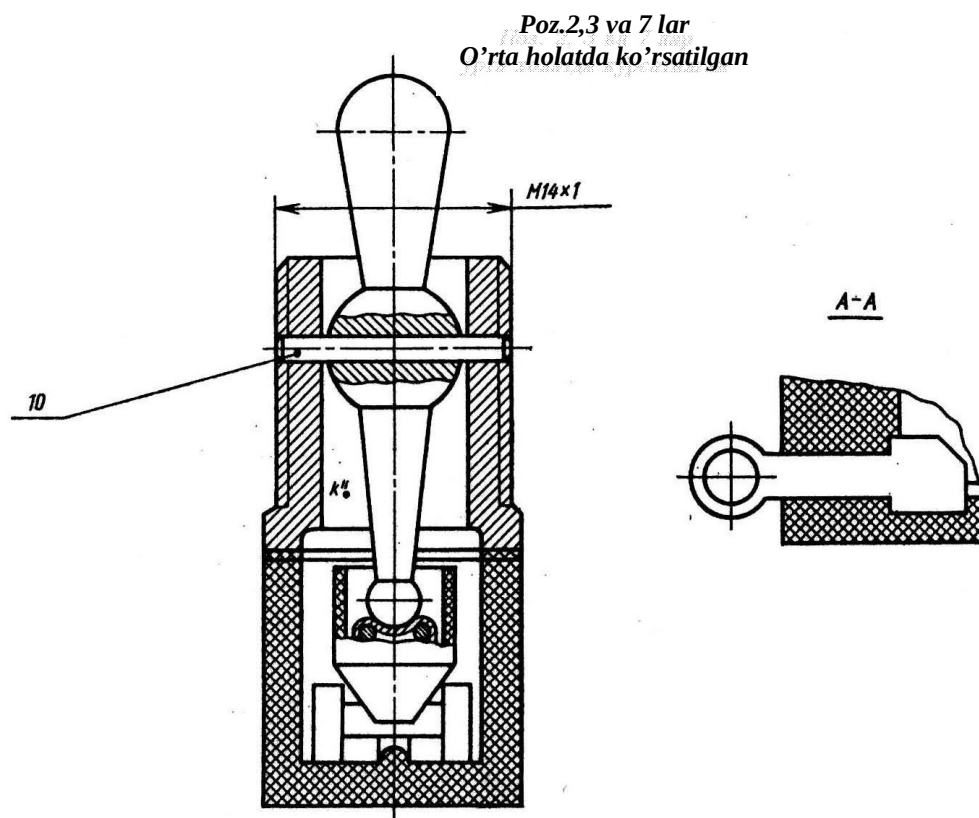
1. Bosh ko'rinishdada qanday qirqim bajarilgan?
2. Kesim bilan qirqim orasida qanday farq bor?
3. M, N va K nuqtalarning yetishmovchi proektsiyalarini toping.
4. Chizmadagi mahalliy qirqimlarni ko'rsating.
5. Rezba *M16x1* shartli belgilashning aniq ma'nosini tushuntiring.
6. O'ng kontaktlarning tutashishida tokning o'tish yo'lini ko'rsating.
7. Detal 7 ni qanday sirtlar hosil qiladi?
8. Nima uchun kesim qo'llanadi?
9. Detal 8 ning eskizini bajaring.

Topshiriq

Korpus 1 ning yig'ish chizmasini, detallar 3, 5, 7, 8 ning chizmalari bajaring. Korpus 1 ning texnik rasmini bajaring.



Yig'ish chizmasiga oid topshiriqlar



P oz	Belgilanishi	Nomlanishi	Son i	Material	Eslatma
		Yig'ma birliklar			
1	02,41,01,00YB	Korpus	1		
		Detallar			
2	02,41,00,02	Rolik	1	Latun L68	
3	02,41,00,03	Stakan	1	Ebonit	
4	02,41,00,04	Prujina	1	Po'lat 65G	Nq6 dq1 tq1.5
5	02,41,00,05	Likopcha	1	Po'lat Sm0	
6	02,41,00,06	Qistirma	1	Pressshpan	
7	02,41,00,07	Ro'chag	1	Po'lat Sm3	
8	02,41,00,08	Qopqoq	1	Po'lat Sm3	
		Standart buyumlar			
9		Vint 2M4x16 GOST 1491-72	2		
10		Shtif 3Gx16 GOST 3128-70	1		
02.41.00.00.YB					
Ikki xolatda almashib ulagich 5A127				Lit	Og'irl
				Varok1	Varoklar1
Iz	List	Xujjat	Imz	Sana	
	Bajardi				
	Tekshir.				

