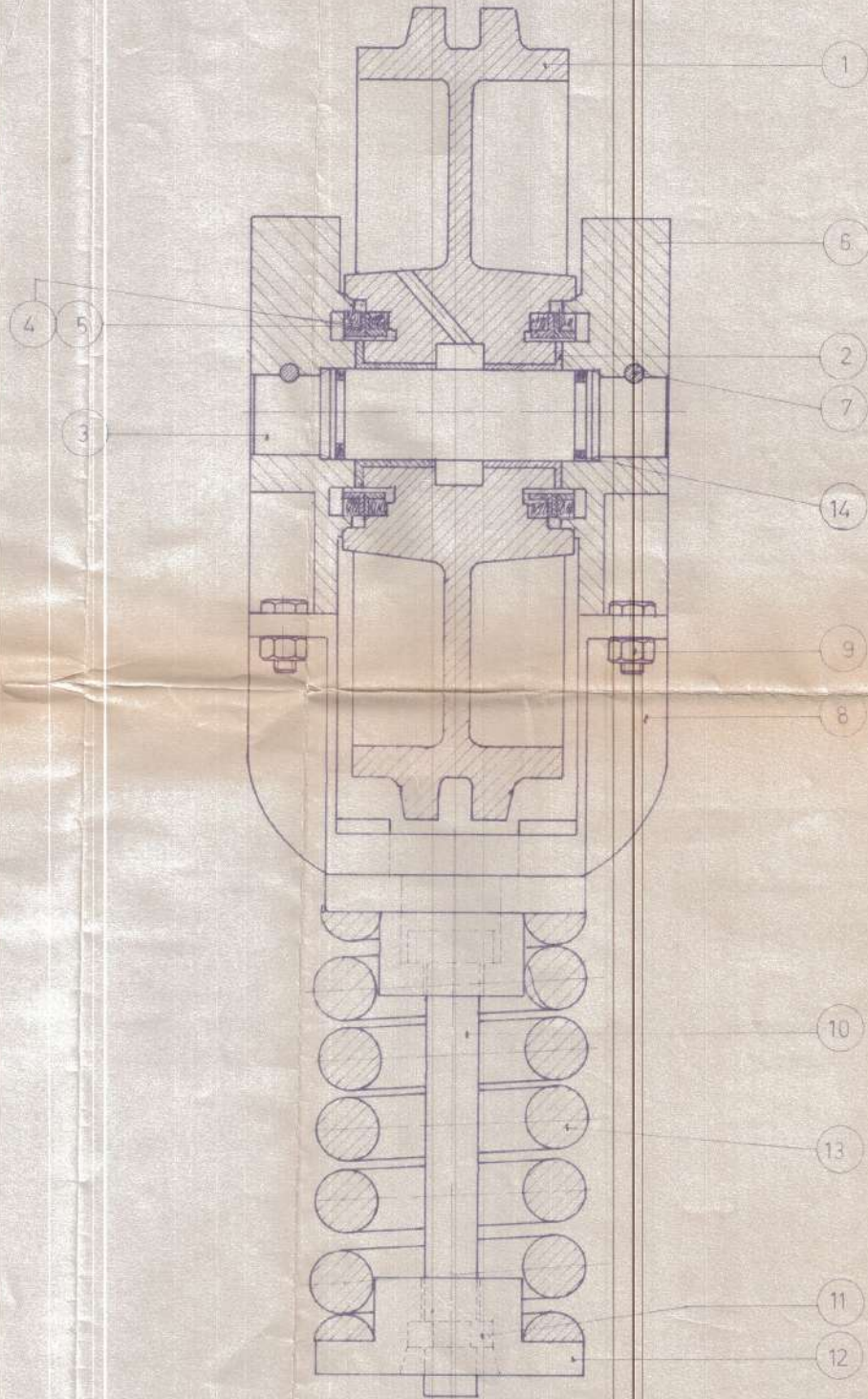




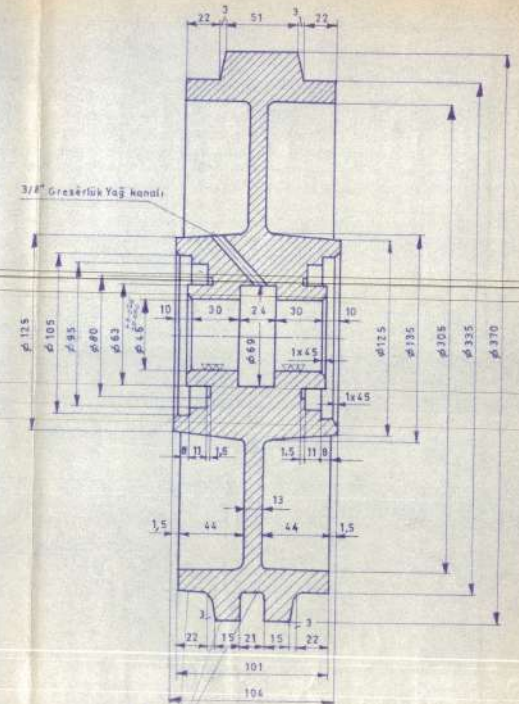
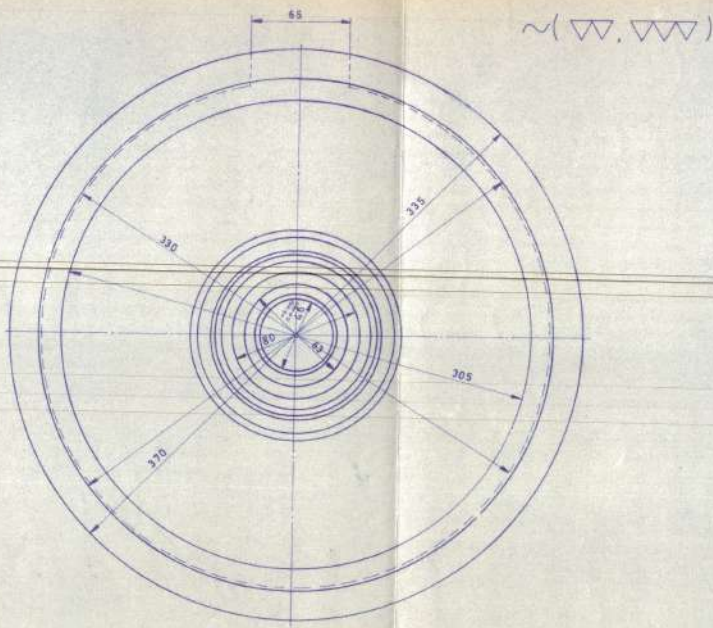
ORİNG	14	2	HAZIR
YAY	13	1	Ç. 9245
YAY DESTEĞİ	12	1	Ç. 1040
SAPLAMA SOMUNU	11	1	Ç. 1040
SAPLAMA	10	1	Ç. 1040
CIVATA M10 X 40	9	4	HAZIR
BAGLANTI AYACI	8	1	Gs 45
SABITLEME KAMASI	7	2	Ç. 1040
YATAK	6	2	Gs 45
ORİNG BİLEZİĞİ	5	4	Ç. 8620
Oring	4	4	HAZIR
BURÇ	3	1	GsnBz 10
MİL	2	2	Ç. 1040
MAKARA	1	1	Gs 45

S. KAYA 15.6.2000

F. UĞUR

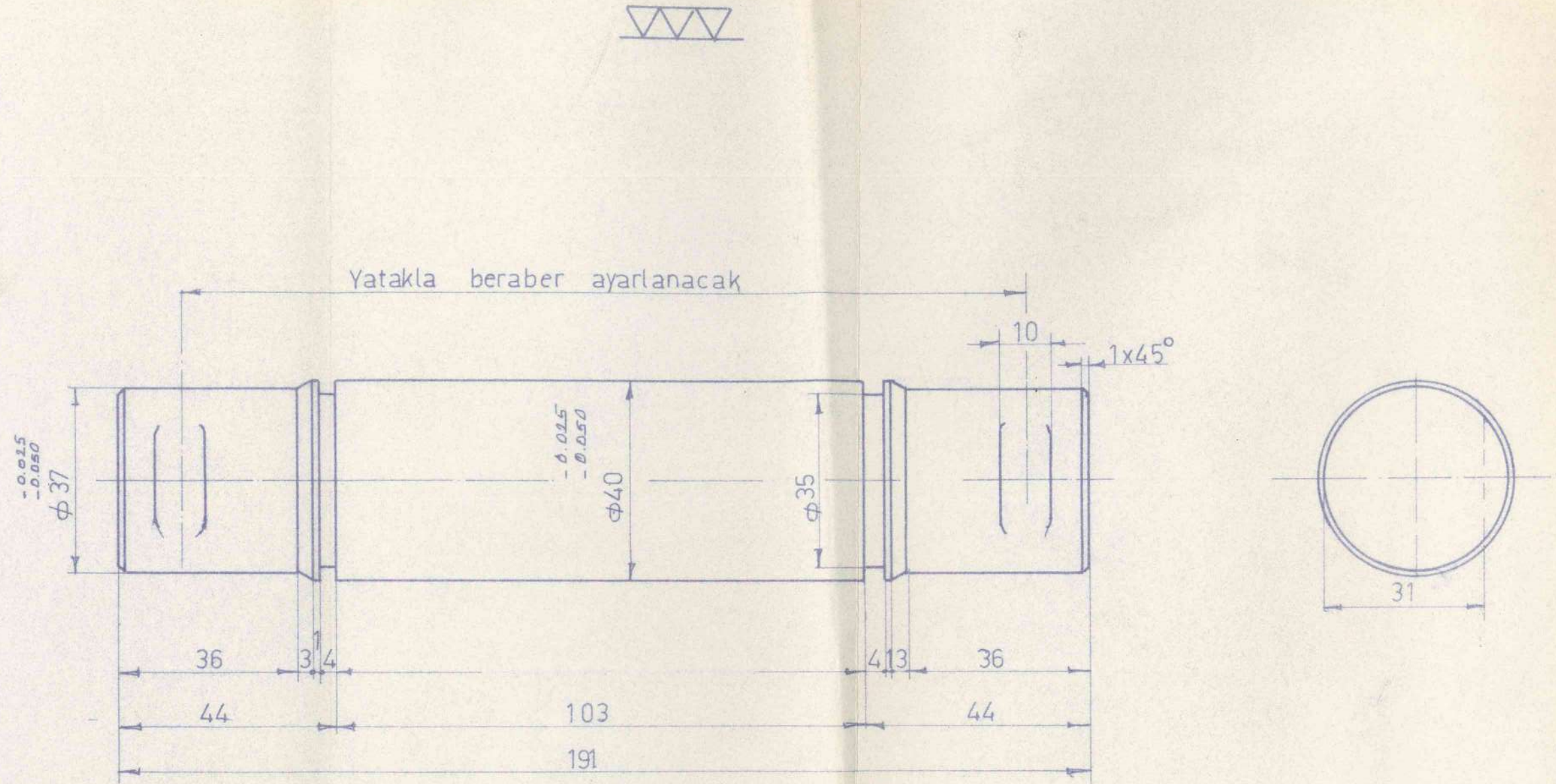
DELİCİ MAKİNA İSTİKAMET
MAKARASI (Komple)

H-530

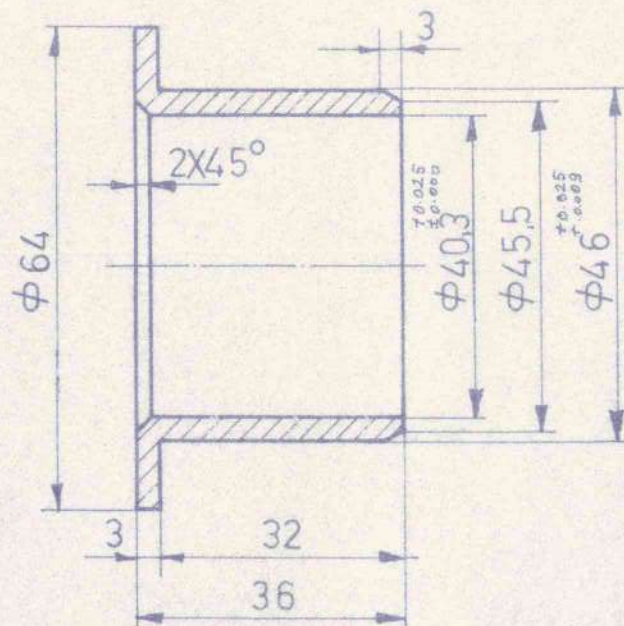


Not: Makara Hüngleri Sertleştirilecek

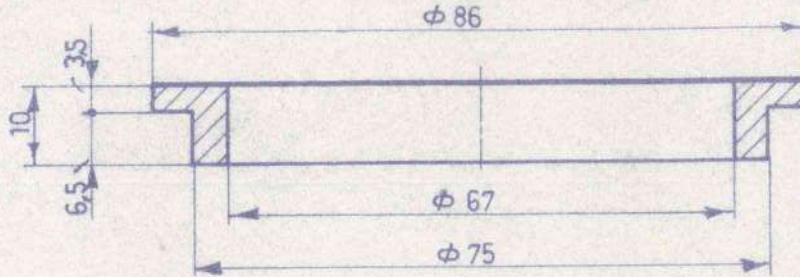
Makine	Adet	Çizim	N.Kalef	Y.T.E. S.A.
G945	1	Kontrol	S.KAYA	İSTİKAMET MAK.
		Mühür	F.UGUR	İST. MÜHÜR
Yazı	DANIEL HELMEN DELİCİ MAK.			Yazı
1:2	İSTİKAMET MAKARASI			Yazı



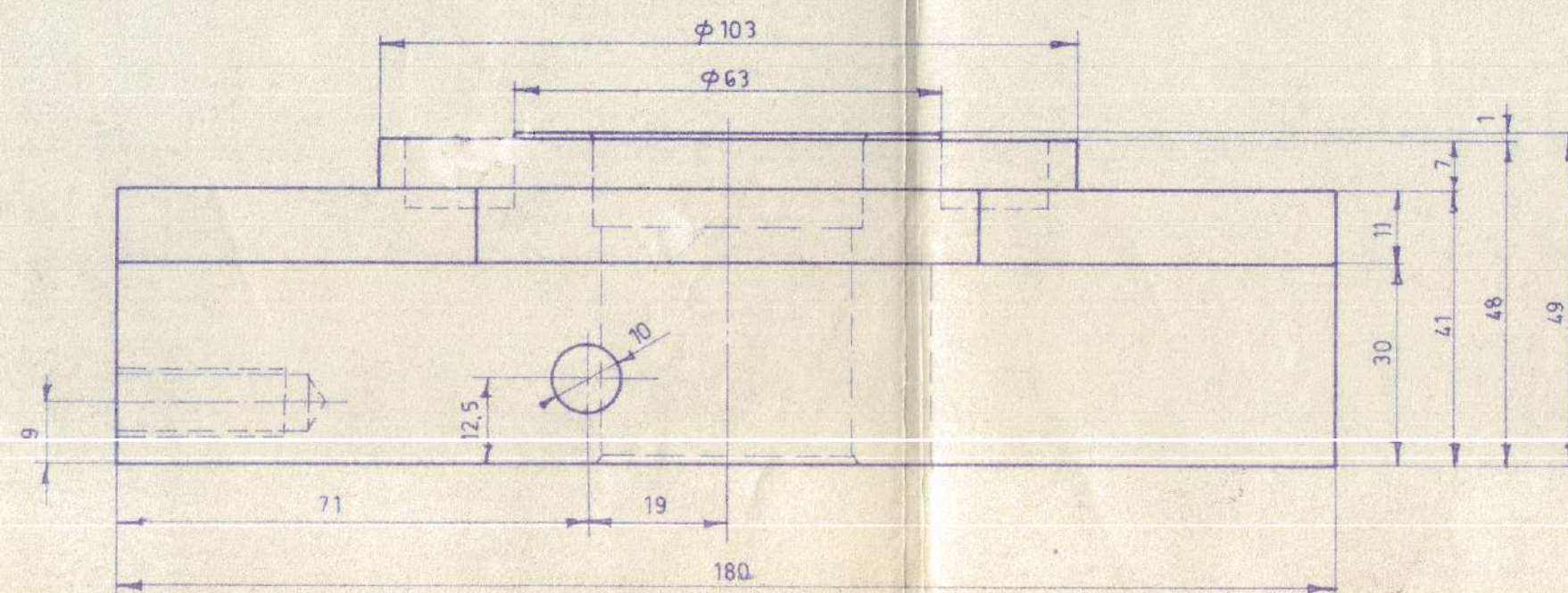
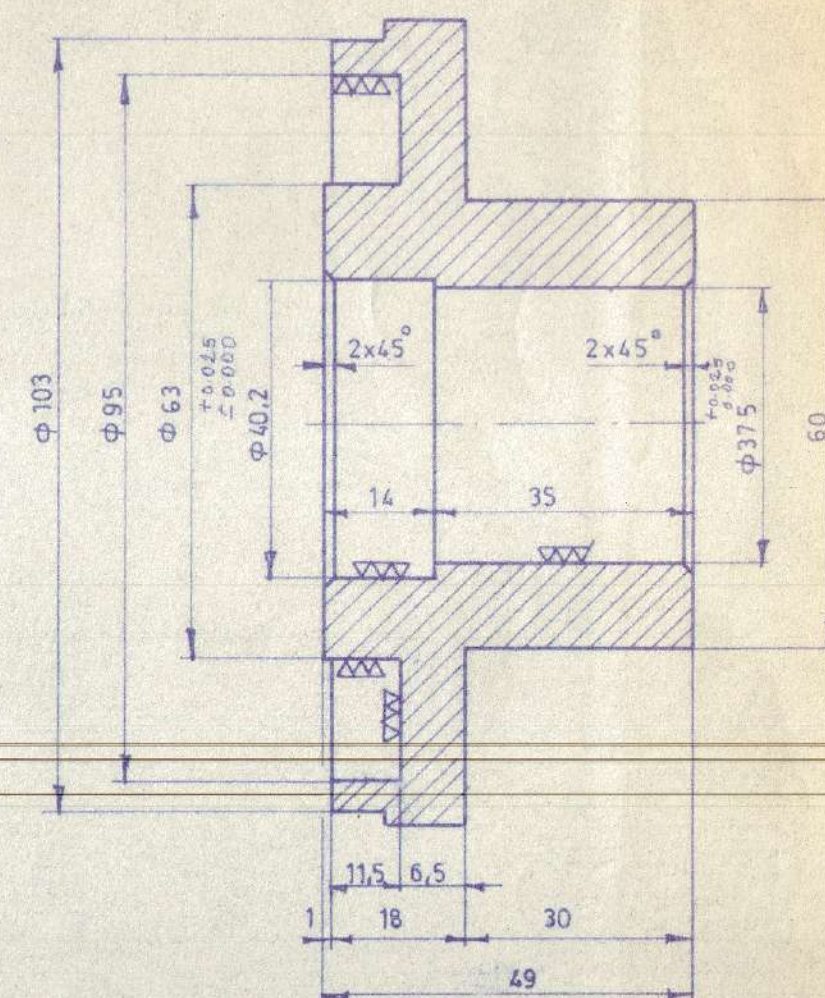
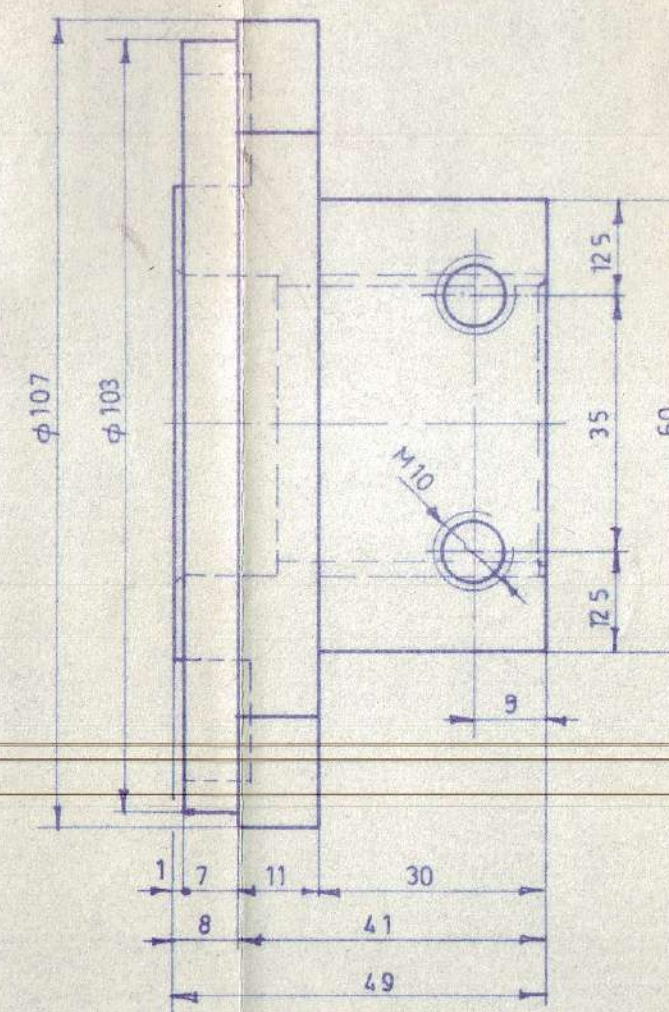
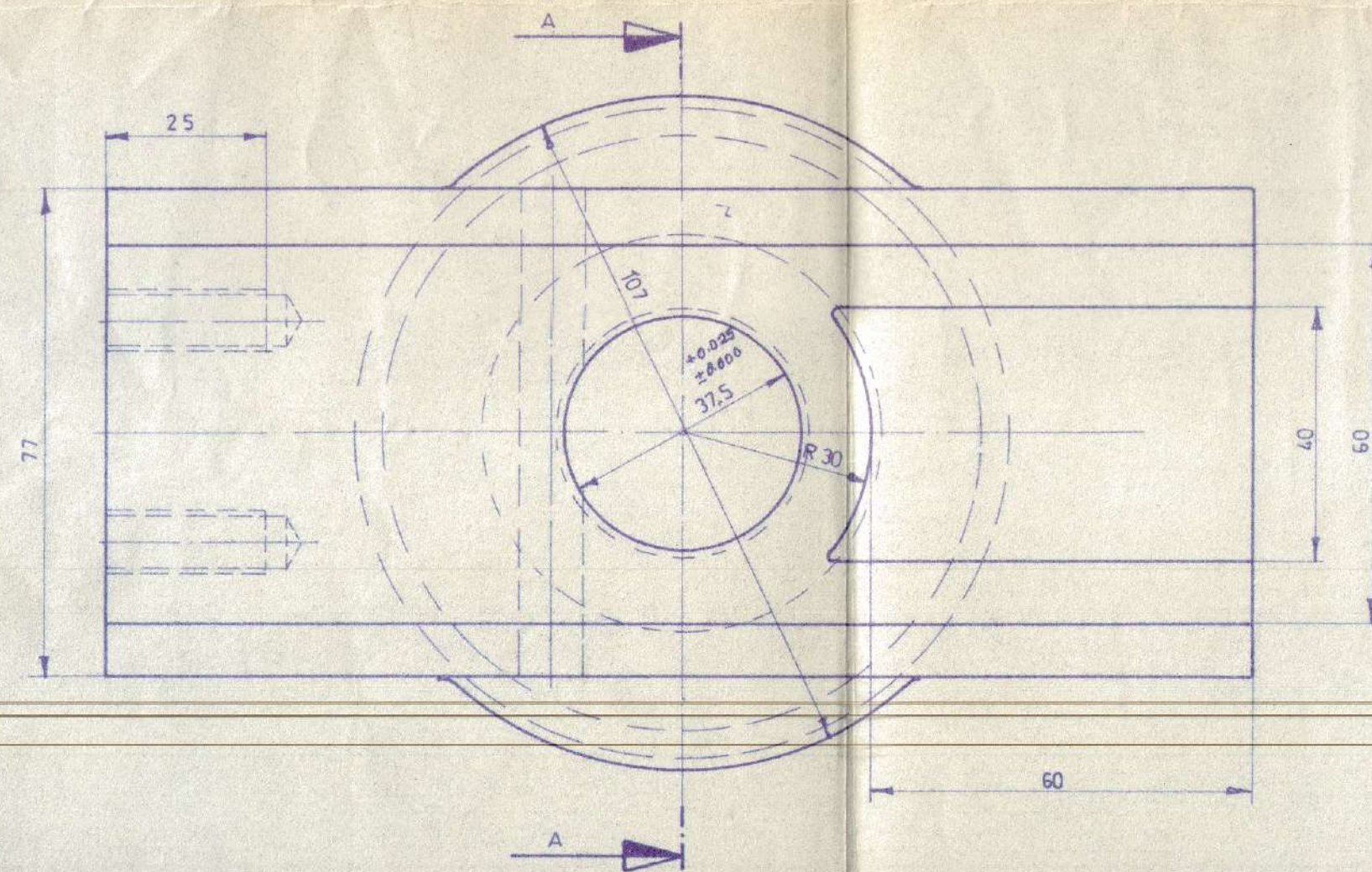
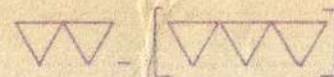
Ç.1040	1	S. Kaya	amir
1/1	MAKARA MİLİ	F. Döner	H. 530
			2



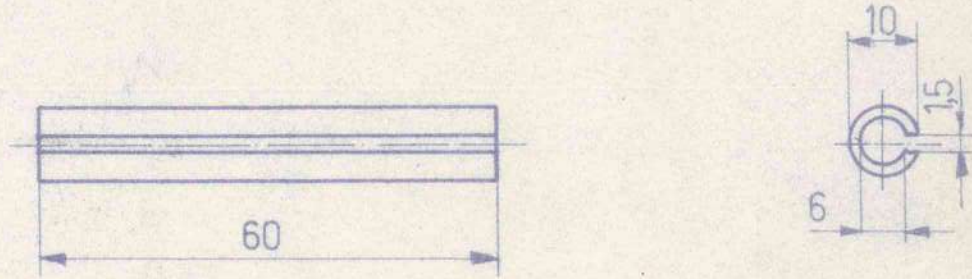
Gsn Bz 10	2	E.DAĞLI S.KAYA F.UGUR	1912	H 530
DANIEL HELMEN DELİCİ MAKİNA			RF	
İSTİKAMET MAKARA PRİNÇ BURCU			Yerin	2



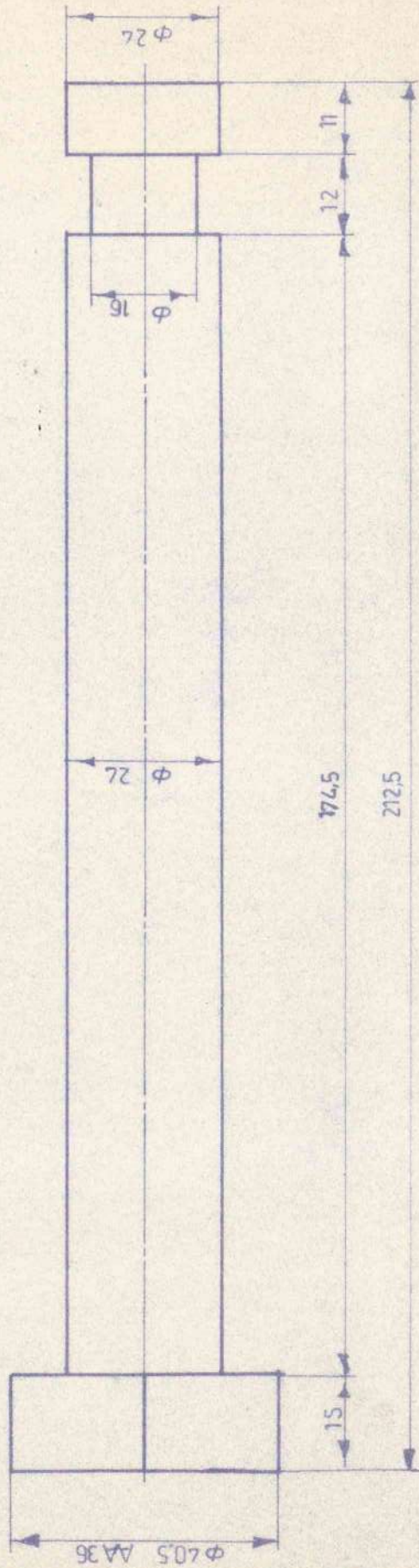
Malzeme	Adet	Çizen	İ Karagülmez	T.T.K. İ.
G-8620	4	Kontrol	S. Kaya	İŞLETME
		Mühendis	F. Uğur	Ek. 1
Dış	ORİNG BİLEZİĞİ			RESİM NO. H-530
1/1				Verim
				4-5



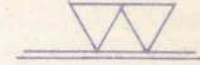
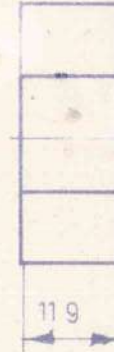
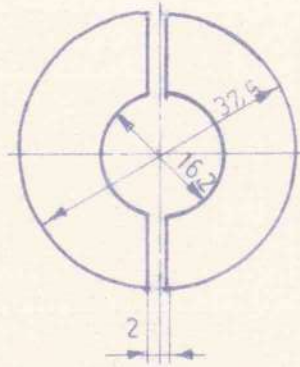
Gs45	2	S. Kaya	2.7.2000	H. 530
		F. Uğur		6
1/1	DELİCİ MAKİNA KOL YATAĞI			



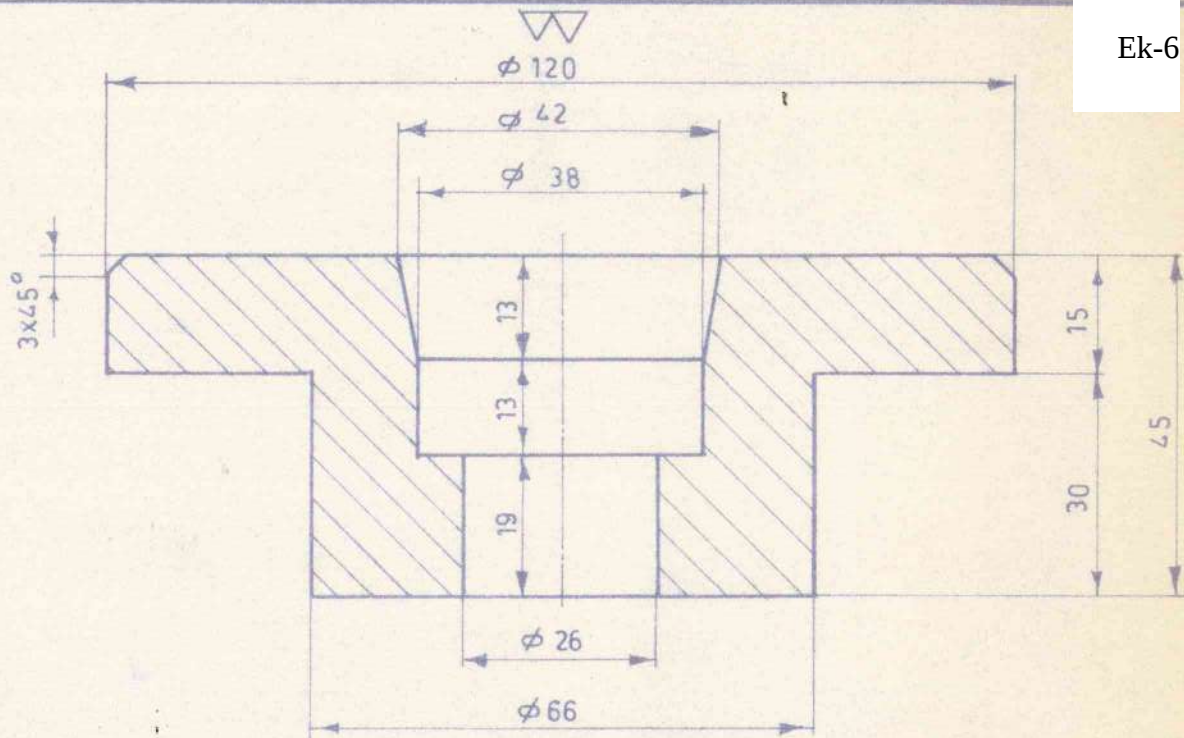
G-1040	2	E.DAĞLI	<i>Faruk Uğur</i>	İŞİ
		S.KAYA		
		F.UGUR		
1:1		İSTİKAMET MAKARASI		
		SABİTLEME KAMASI		
		RES	H-530	
		Yerine	7	



C-1040	ADET ↑	ÇİZİM KONTROL MÜHÜRLEME	İ KARAGÜLMEZ S. KAYA FUGUR	<i>[Signature]</i>	TAKAS BİLGİLERİ GİRİŞ RESİM YERİNE	H 10
Olguk	1/1	DANIEL HELMEN DELİCİ MAK İSTİKAMET MAKARA SAPLAMASI				

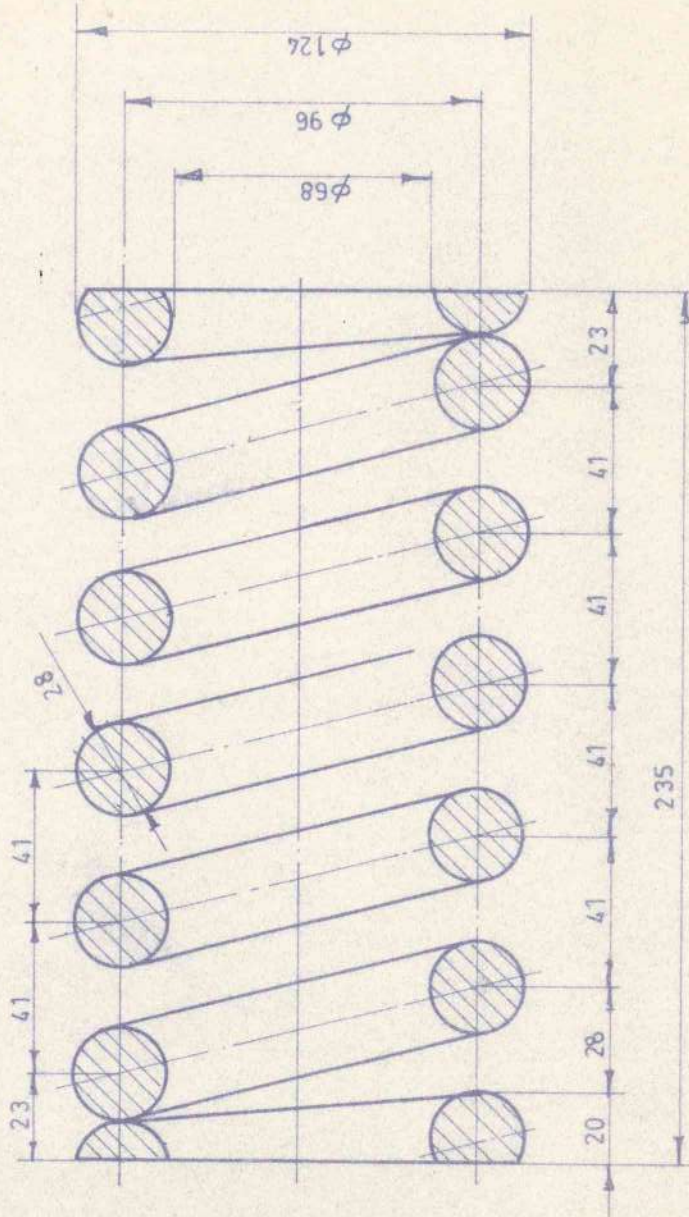


Makame	440	Çizen	İ Karagölmöz		
		Kontrol	S. Kaya		
G-1040	1	Mühendis	F UĞUR		
Şişek		DANIEL HELMEN DELİCİ MAK			
111		İST. MAKARA SAPLAMA SAMUNU			
				BESİM	H-530
				Yerine	
				Deği	11



Katmanlı Adat	Çiğir	İ Karagülmez	Y. 12
G. 1040	1	S. Kaya	15.07
	Mahmud	F. Uğur	15.07
Öğret	DANIEL HELMEN DELİCİ MAKİNA		H-530
1/1	İSTİKAMET MAKARASI YAY DESTEĞİ		12

DANIEL HELMEN DELICI MAKINA
ISTIKAMET MAKARASI YAY DESTEĞİ



A-DT-

1. Yayı malzemesi taşlanmış yaylıca çelik çubuk olacaktır
2. Sıcak şekillendirme ile mal edilip yağda sertleştirilecektir
3. Yay üzerindeki sekonder tıfıl almayacak ve yaylar kumlamaya tabi tutulup portatılmış olacaktır
4. Yay başları taşlanacaktır (bıçak başları dönülerek işlenecektir.)
5. Yaylar ayrıca korozyona karşı koruyucu yağda yağlanacaktır.
6. Gerektiğinde test ve kabulde TS 1001'den yararlanılacaktır.

S. KAYA

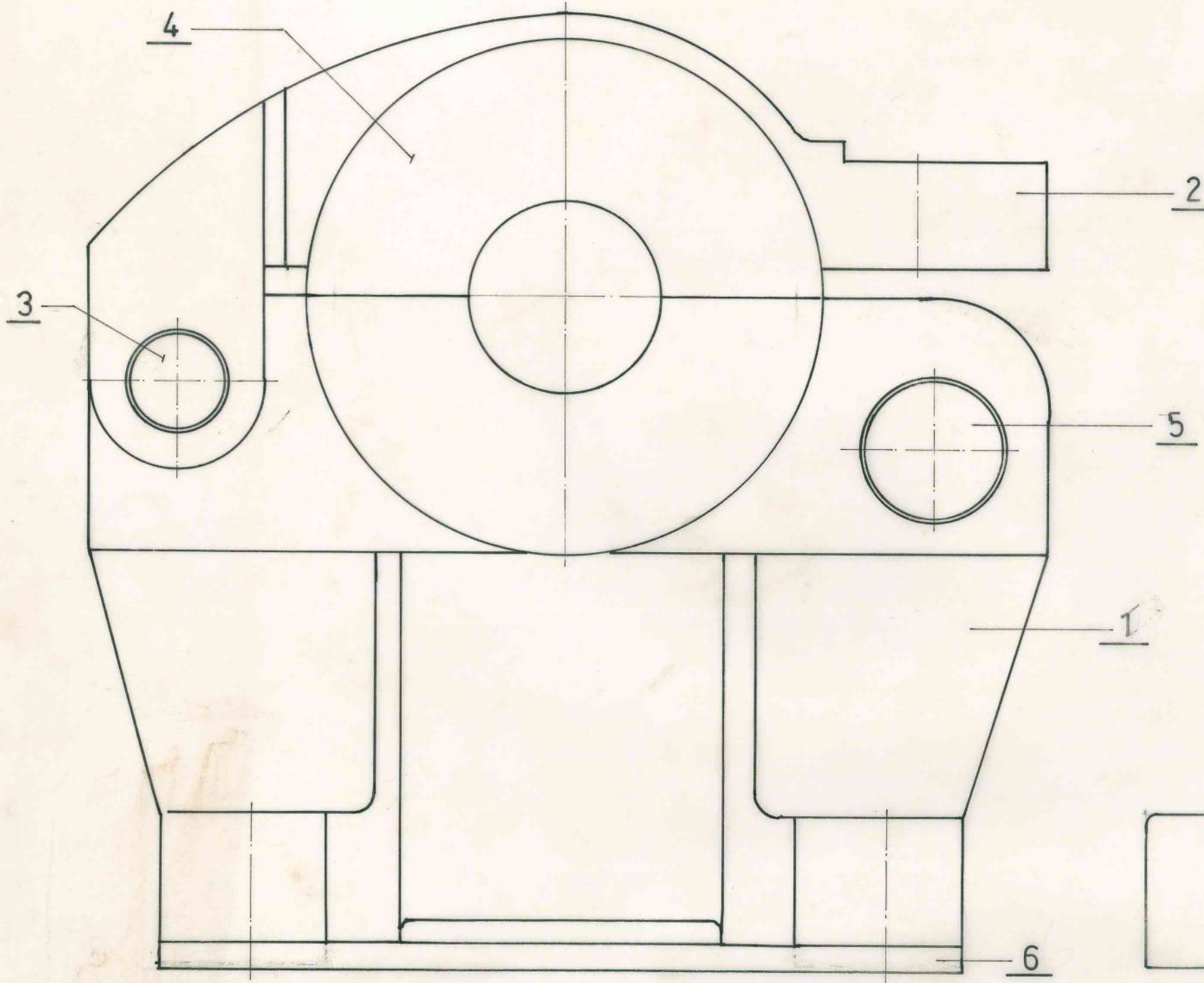
F. UĞUR

Q. 9245

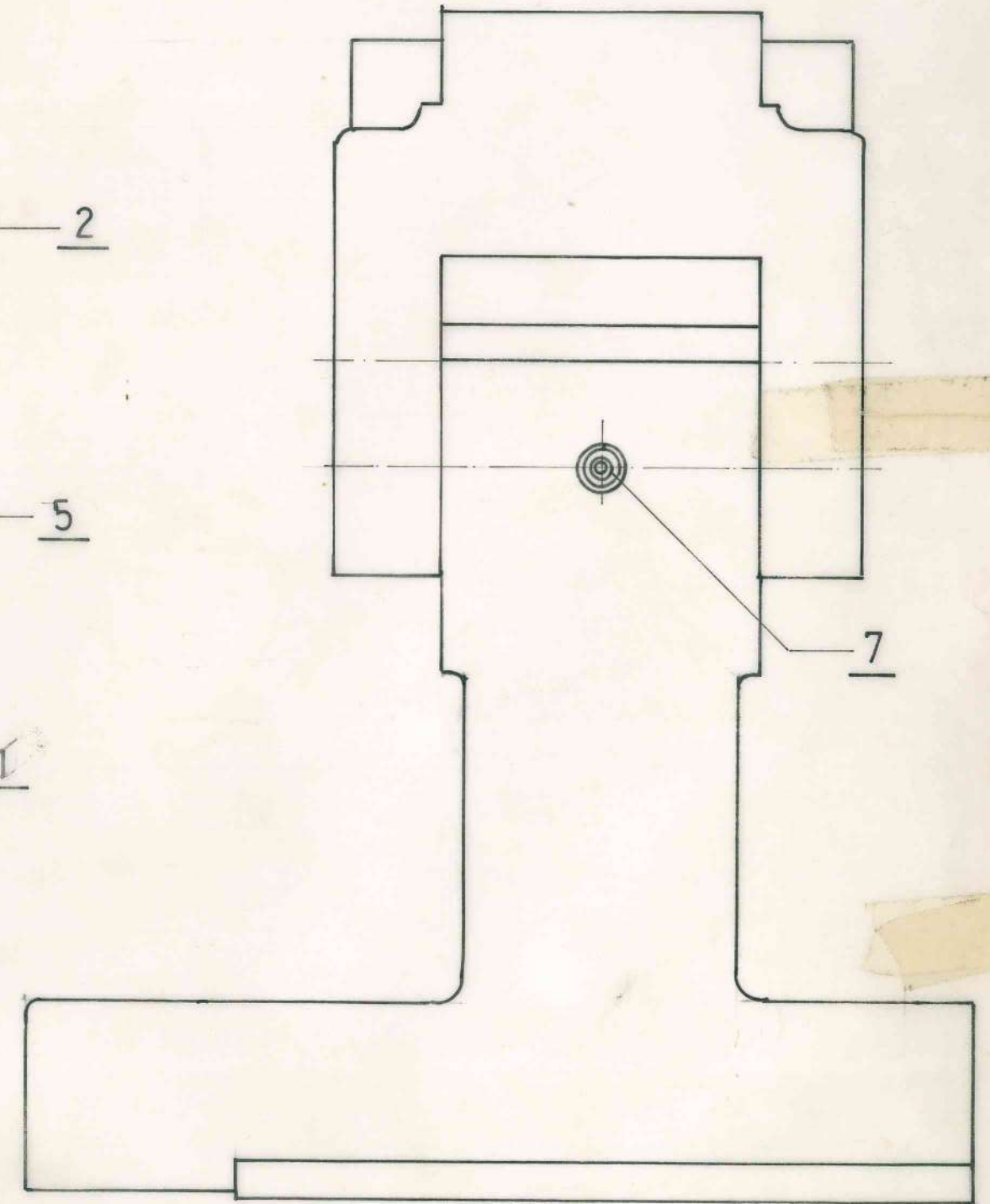
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TS 2500 A KALİTE

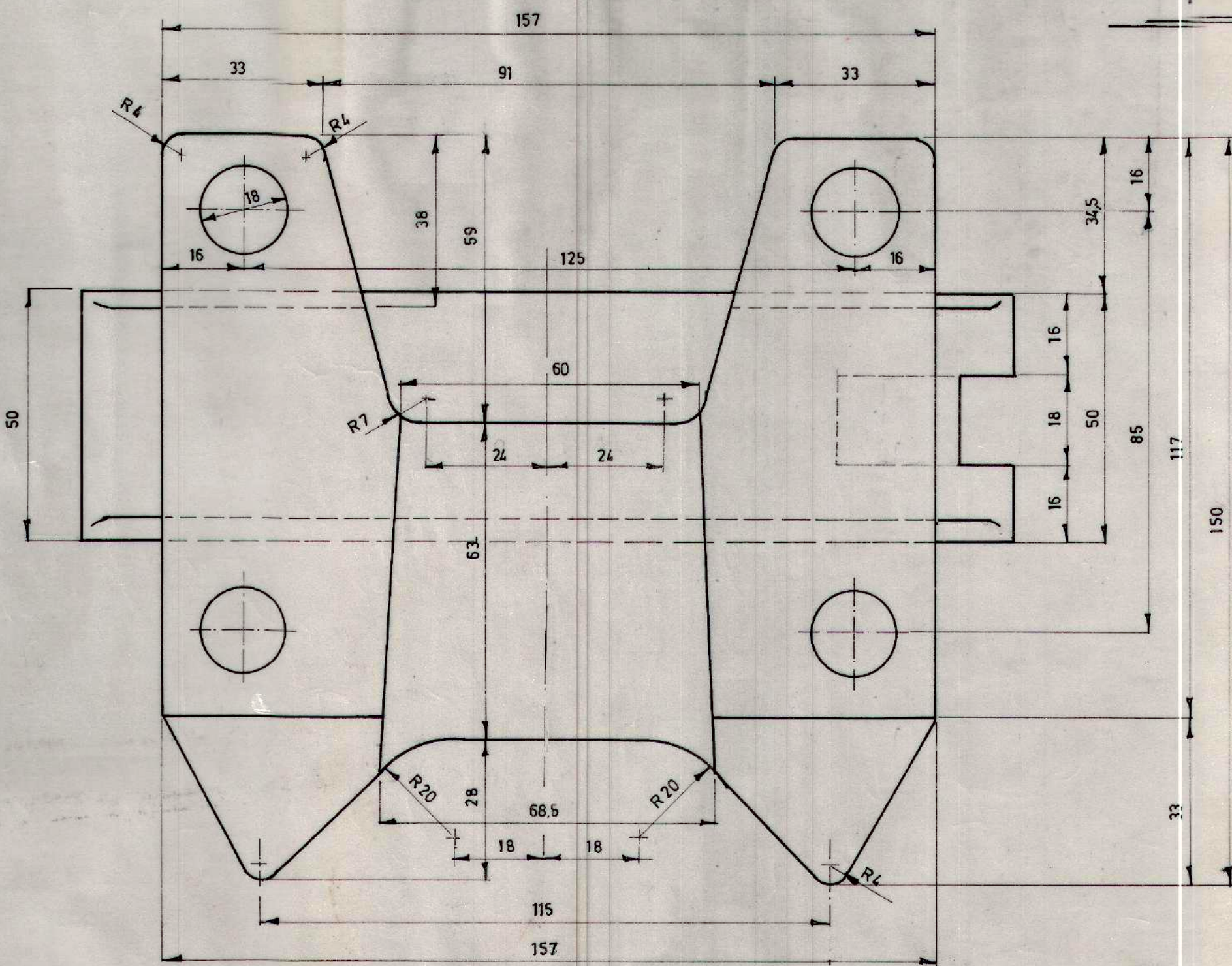
YAY



Yaprak pim	7	1	Ç.10 40
Aşınma plâkası	6	1	6mm sac
Kilitleme pernosu	5	1	Ç.10 60
Yatak lâstiği	4	1	Delrin

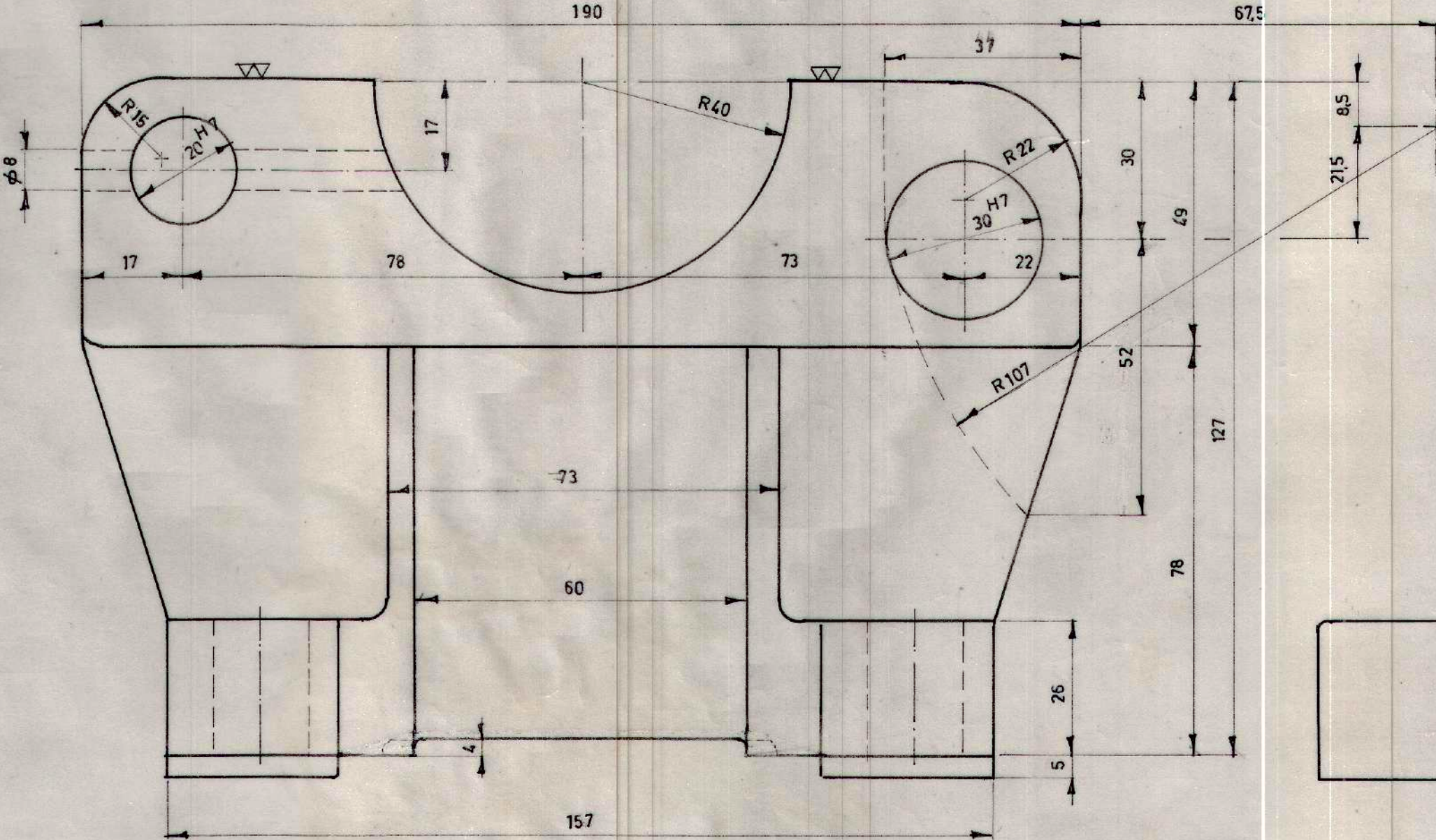


Kep pernosu	3	1	Ç.10 60
Yatak kepi	2	1	GS.45
Burgu yatağı	1	1	GS.45
Parça nr.	Adet	Malzeme	Ağırlık
Y. Azdemir 13. 11. 1990			
M. Açıkgöz			
H. Çemrek			
TAMROCK ELEKTRO-HİDROLİK DELİCİ MAKİNA			
ÖN BURGU MERKEZLEME YATAĞI			
RESİM NR. H-717			



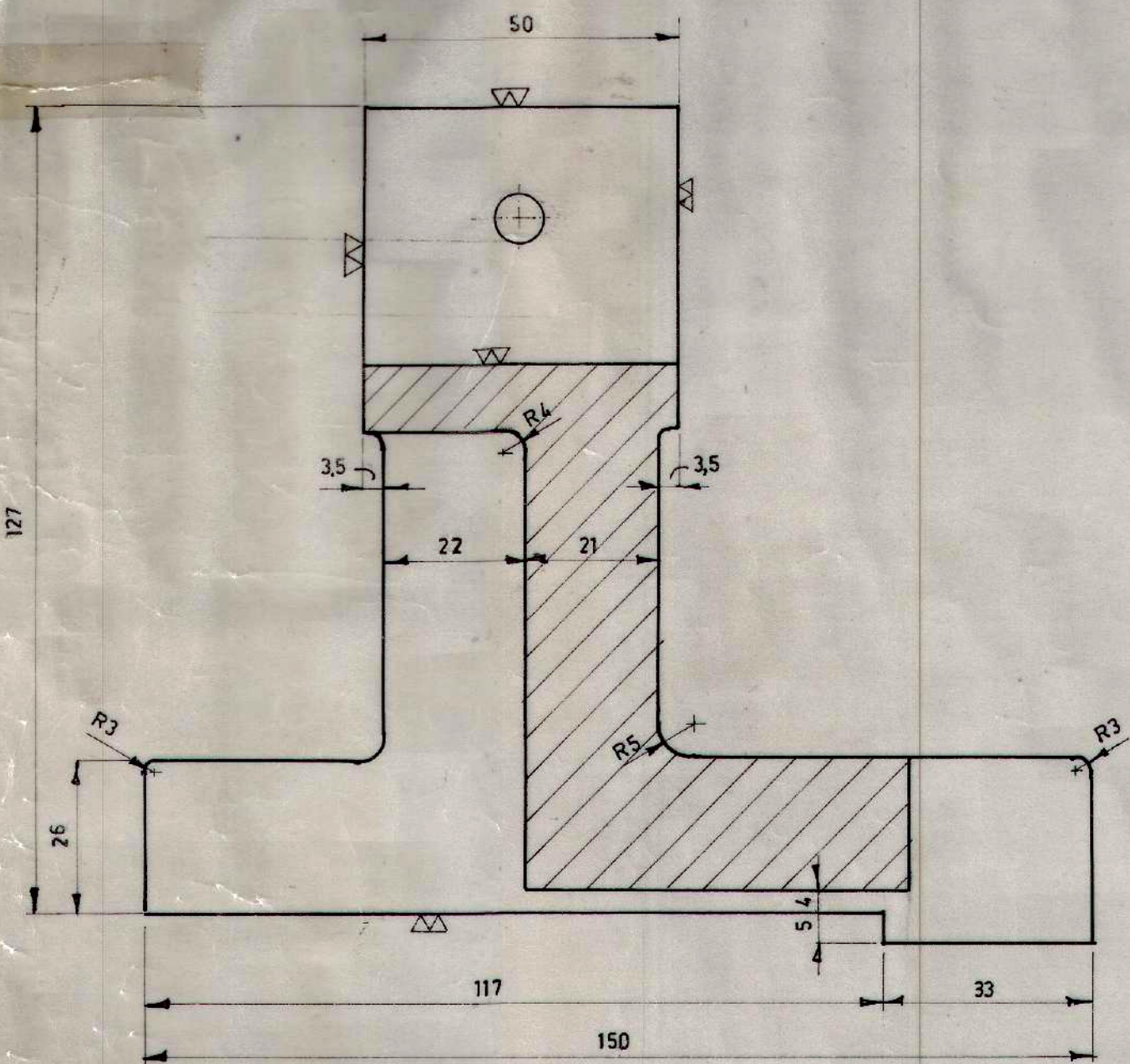
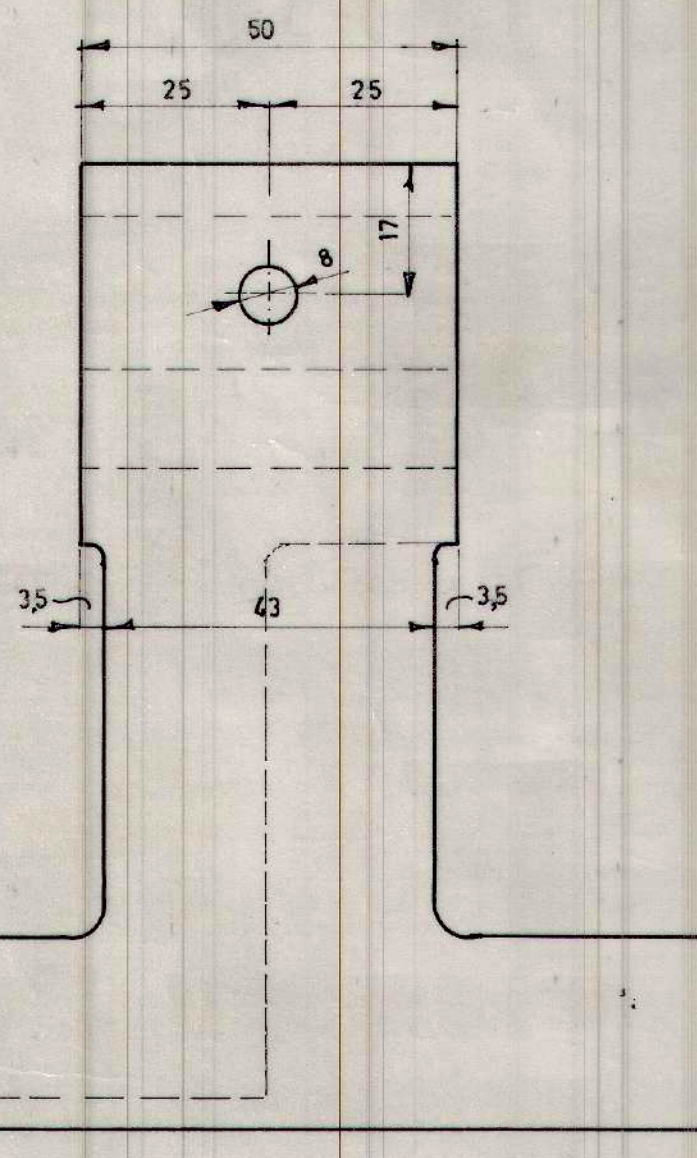
A

B.BAKIS

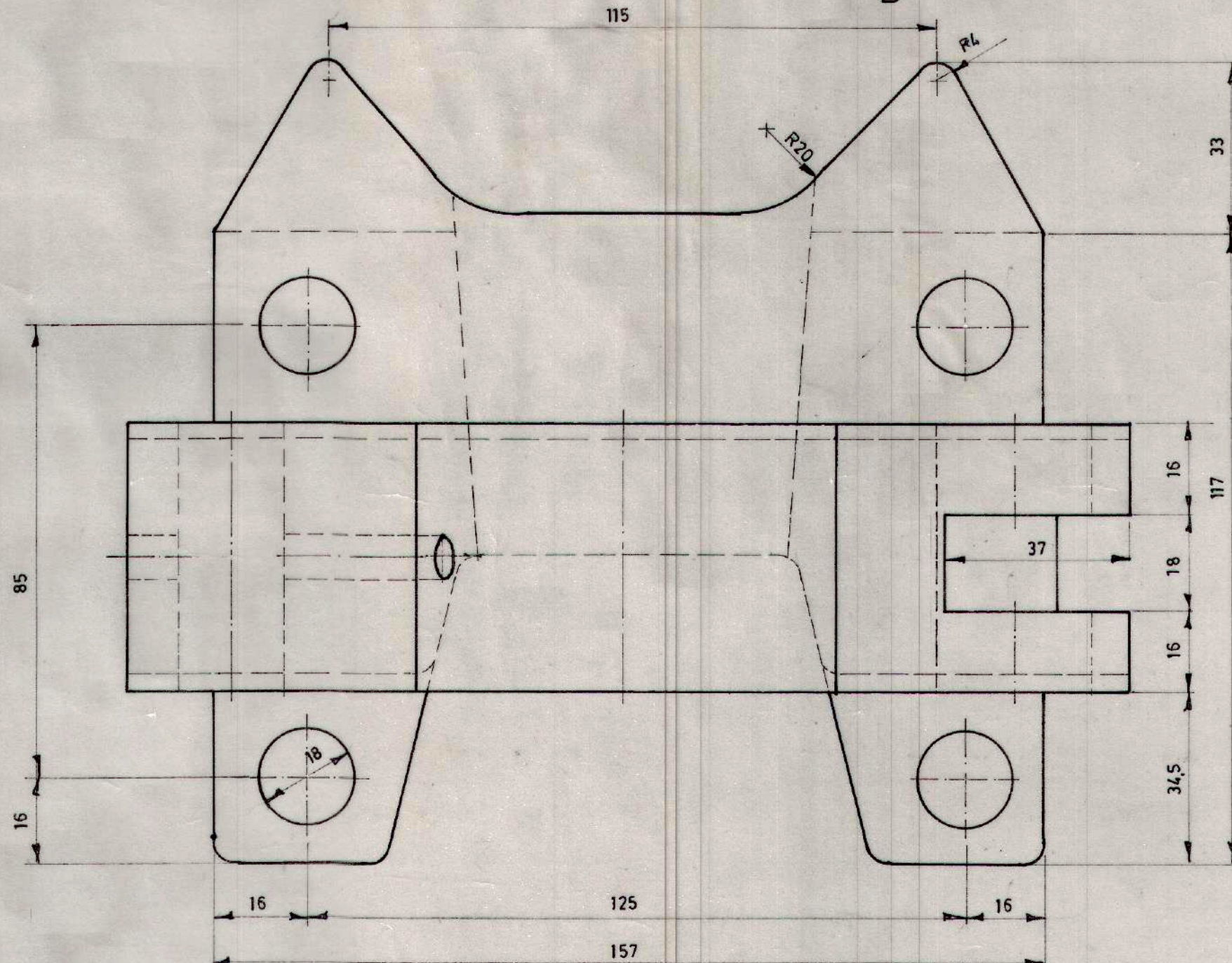


A

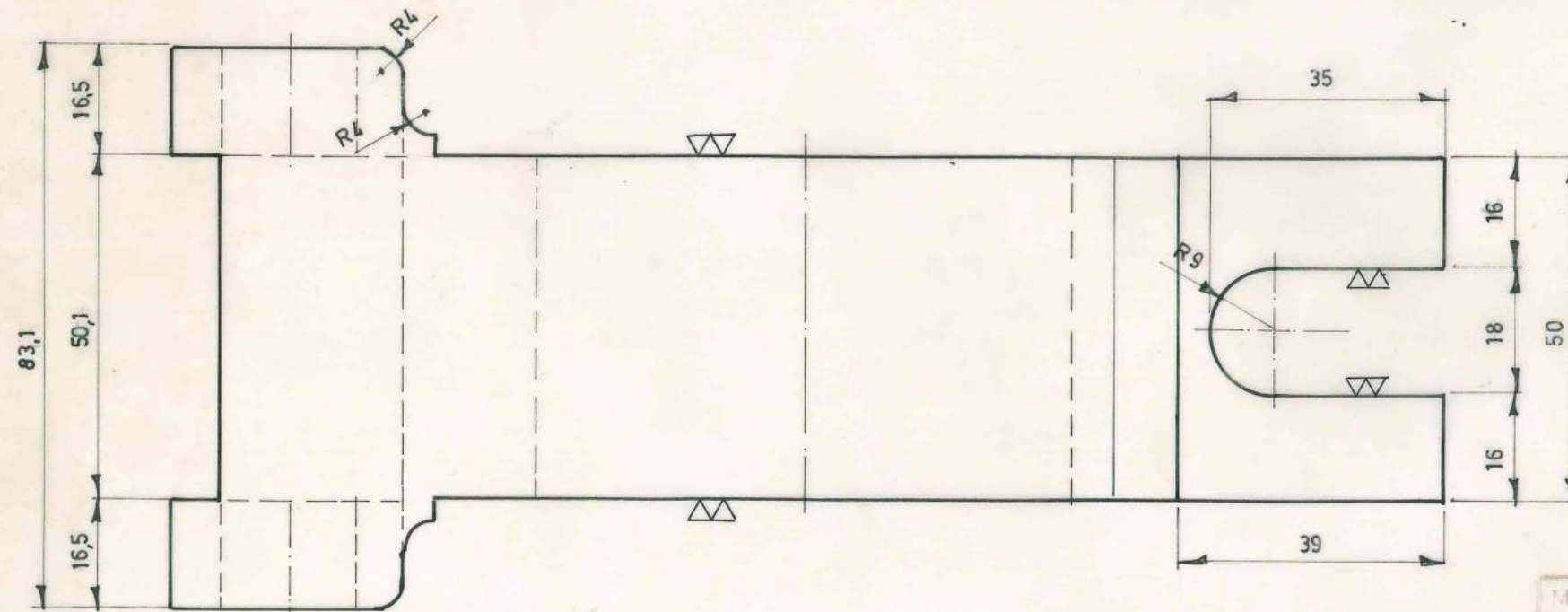
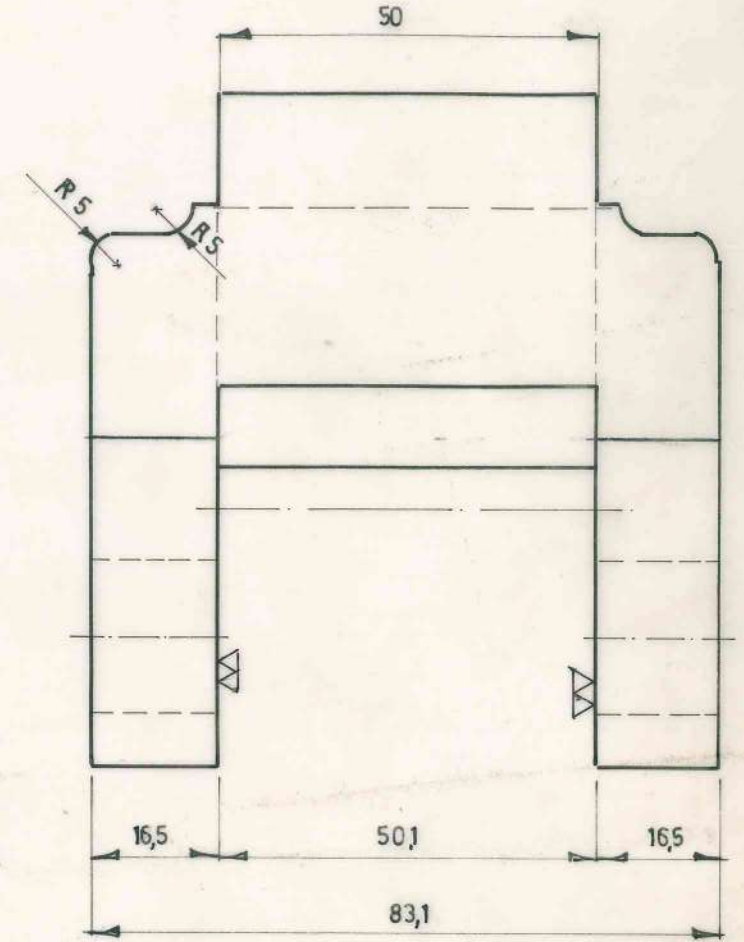
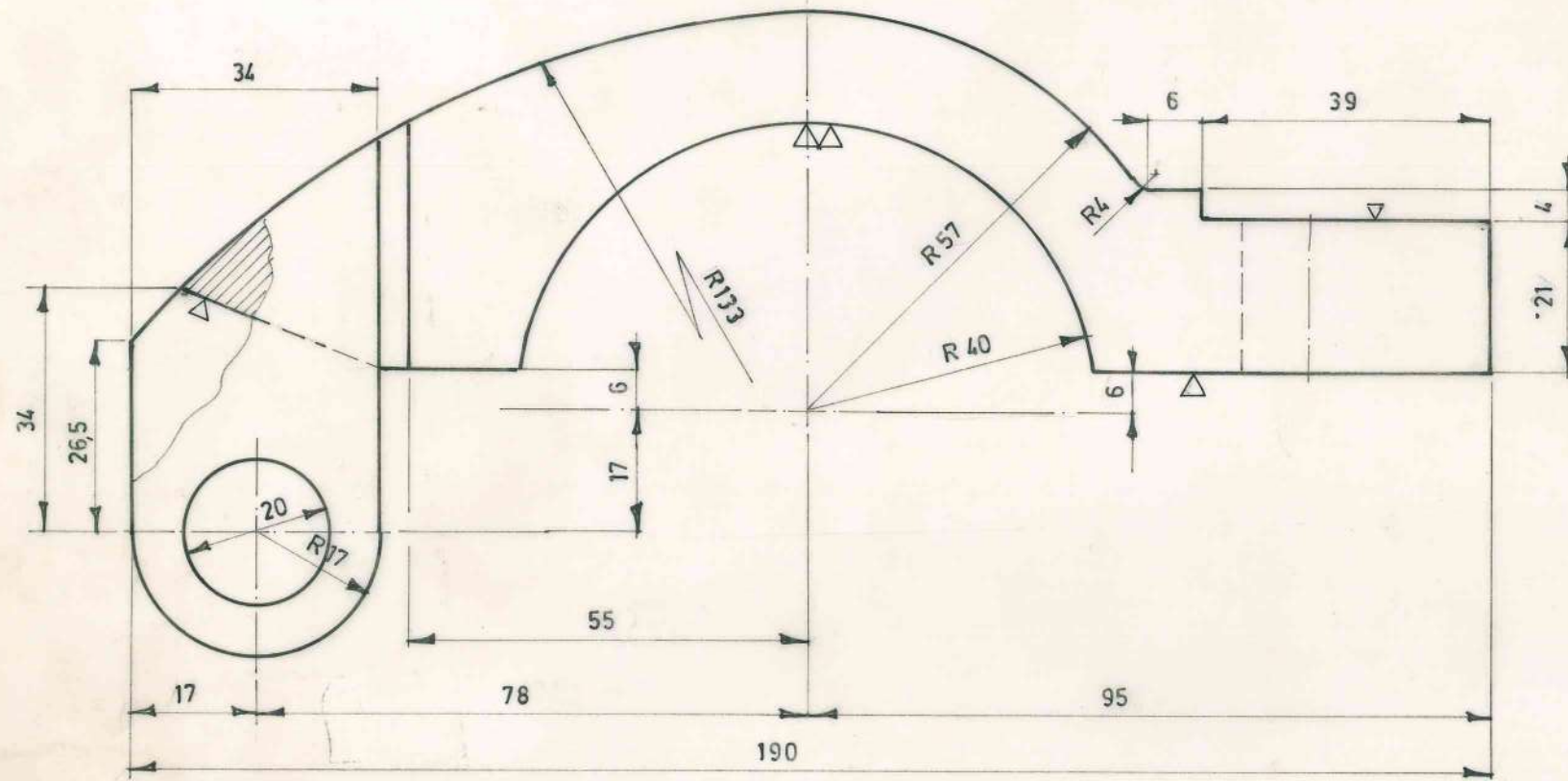
B



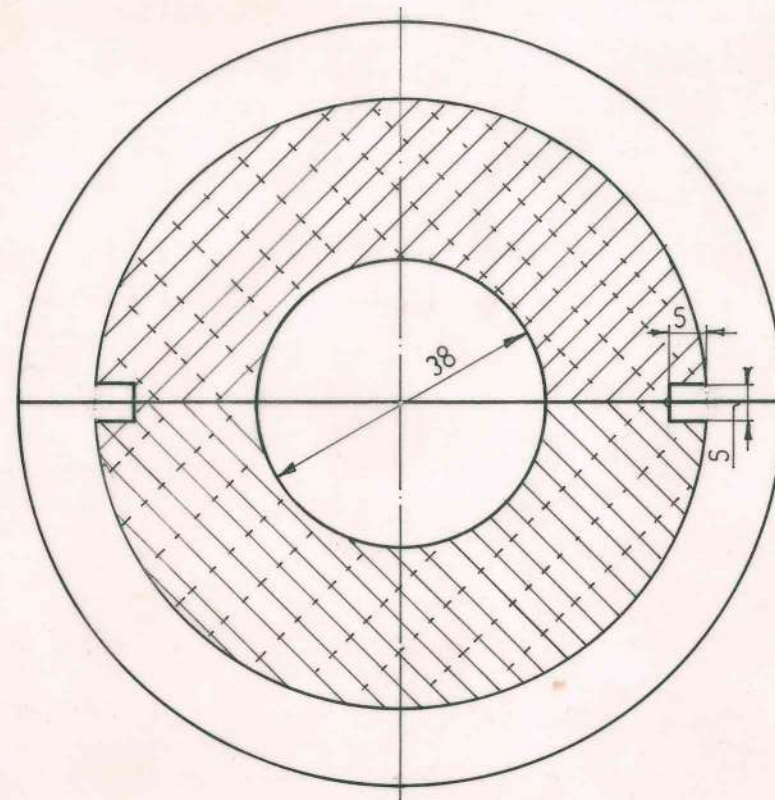
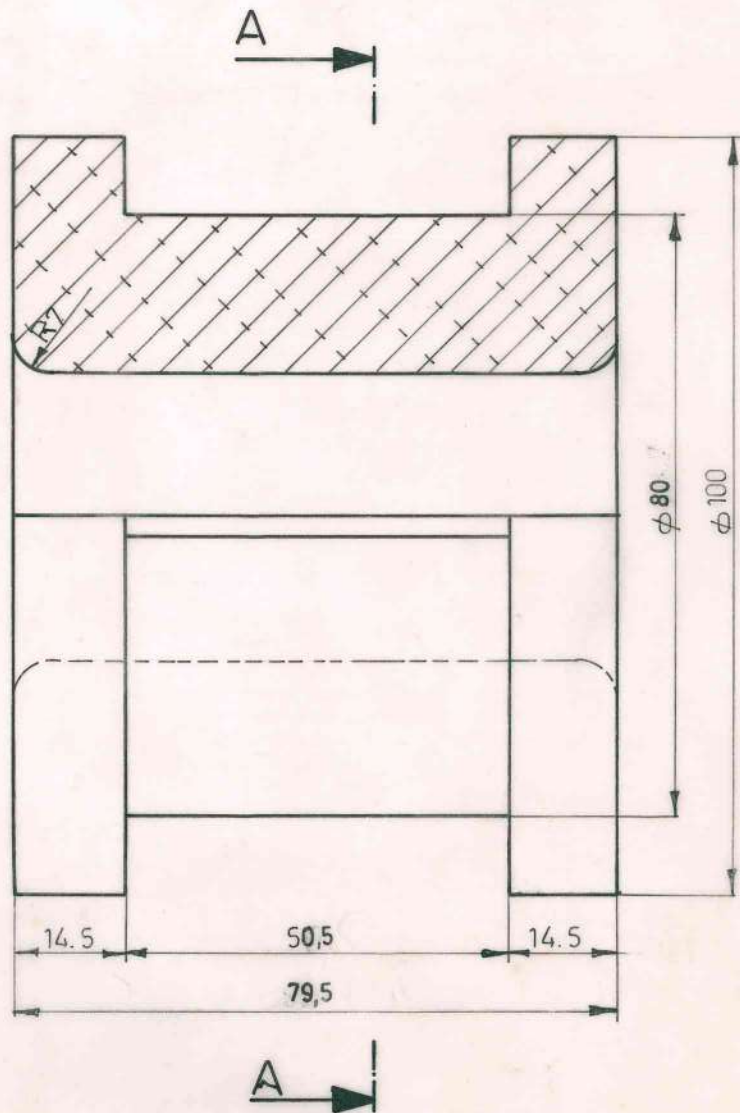
A-A KESİTİ



$\sim (\nabla, \nabla \nabla)$

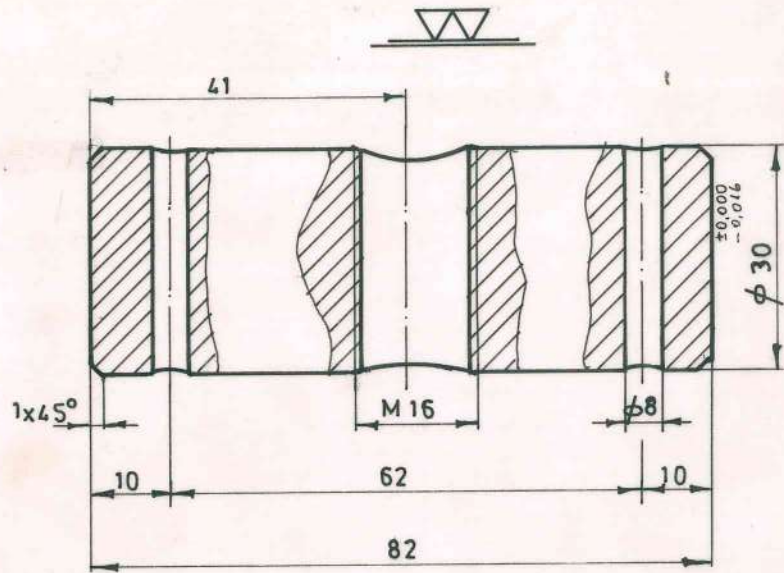


Makine	Adı	Y. Azdemir	12.11.1990
6S.45	1	M. Açıkgöz	
Ölçek		Mühendis H. Cemrek	
1/1		BURGU YATAK KEPİ	
			H- 717
			Parça Nr.

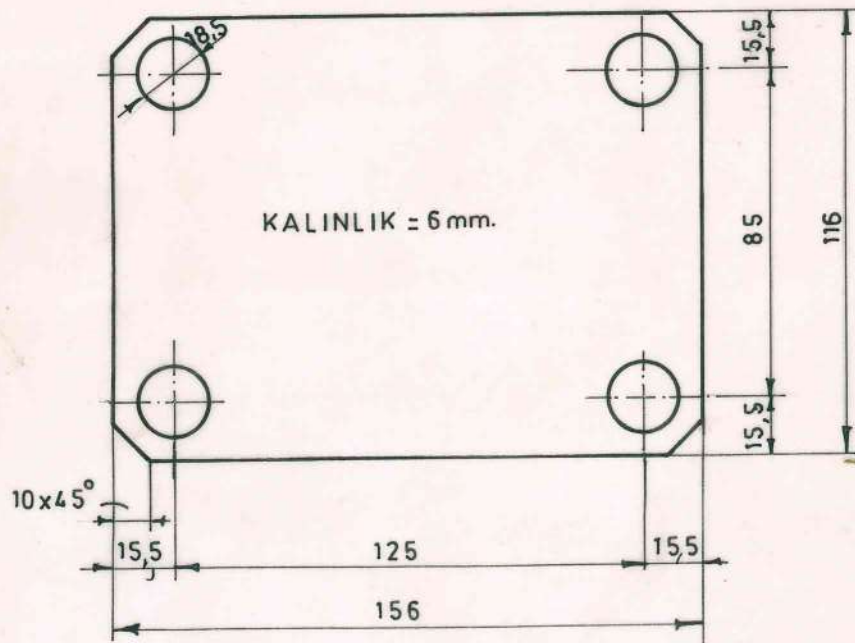


A.A Kesiti

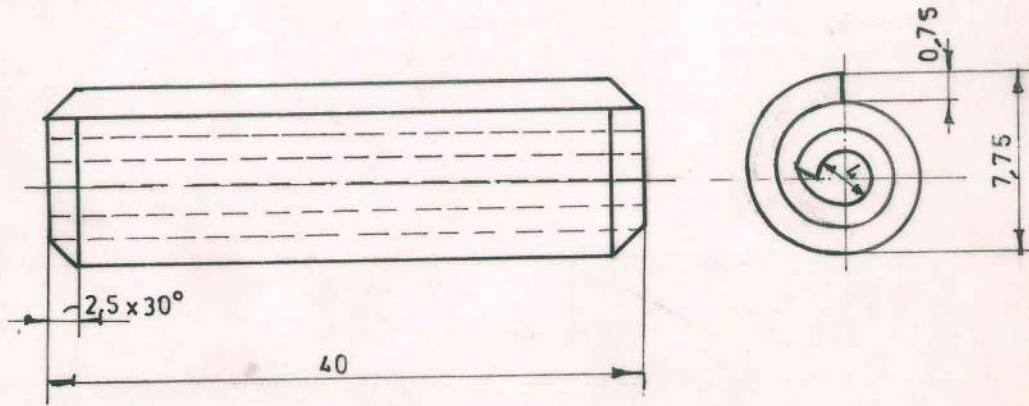
Tamrock	S. KAYA	24. 5. 1989	<i>[Signature]</i>	T. R. KAYA
Delrin	M. AÇIKGÖZ		<i>[Signature]</i>	İŞLETME
Ölçe	Y. ÜNLÜTÜRK			
1/1	TAMROCK ELEKTRO HİDROLİK DELİCİ			H-717
	MAKİNA BURGU YATAĞI			4



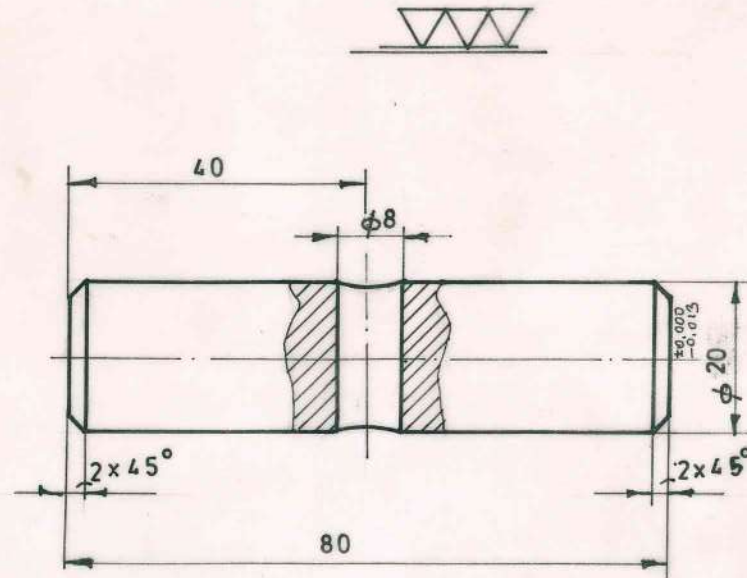
Ç.1060	Çizen	C. Aksu	27.10.1990	
	Çizen	M. Açıkgoz		
	Çizen	H. Çemrek		
1/1	TAMROCK DELİCİ MAKİNE ÖN BURGU MERKEZ- LEYİCİ PARÇA PERNOSU			H. 717
				5



6 mm SAC	Çizen	C. Aksu	27.10.1990	
	Çizen	M. Açıkgoz		
	Çizen	H. Çemrek		
1/2	TAMROCK DELİCİSİ ÖN BURGU MERKEZLEYİCİ PARÇASI, ALT AŞINMA PLAKASI			H. 717
				6

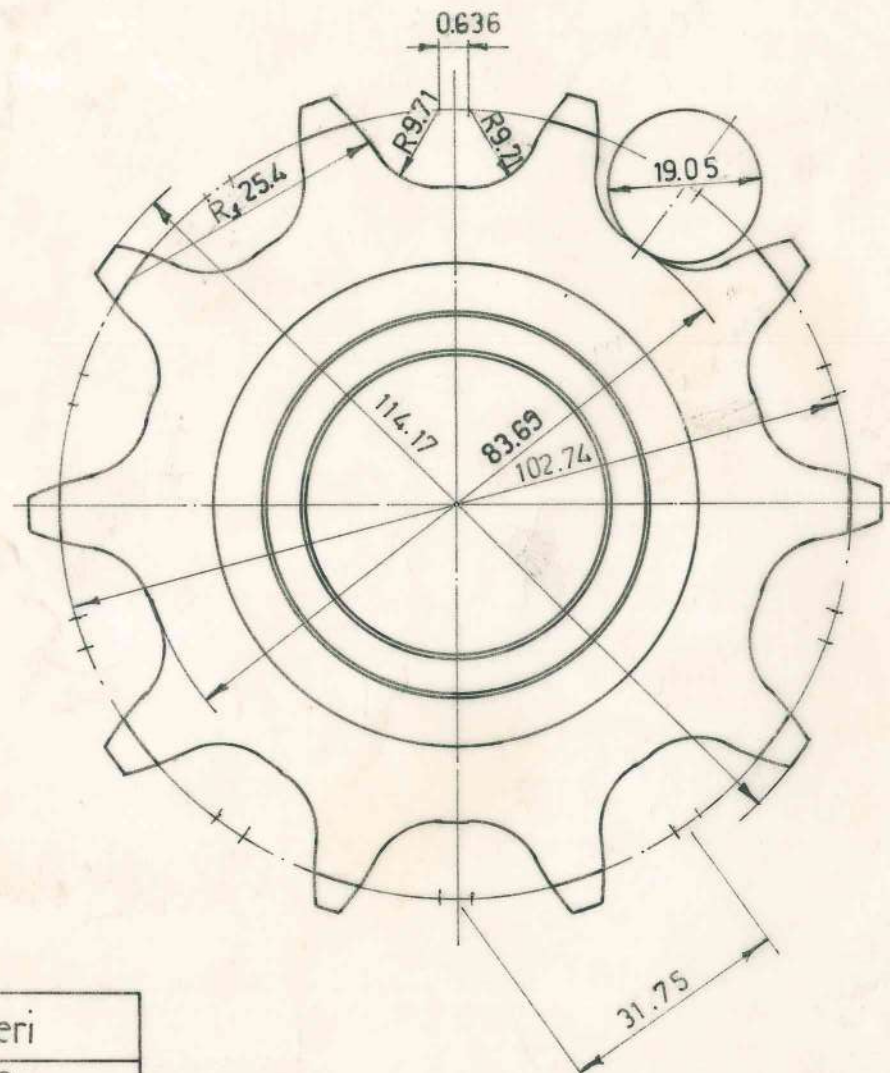
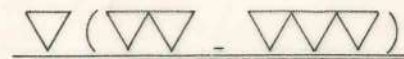


Malzeme	Adı	C. Aksu	7.11.1990	<i>C. Aksu</i> <i>S. M. Ak</i>	İŞLETME	H. 717
Ç.1040		M. Açıkgoz				
Ölçü		H. Çemrek				
2/1	TAMROCK DELİCİ MAK.ÖN BURGU MERKEZ LEYİCİ PERNO YAPRAK PİMİ				Grine	7



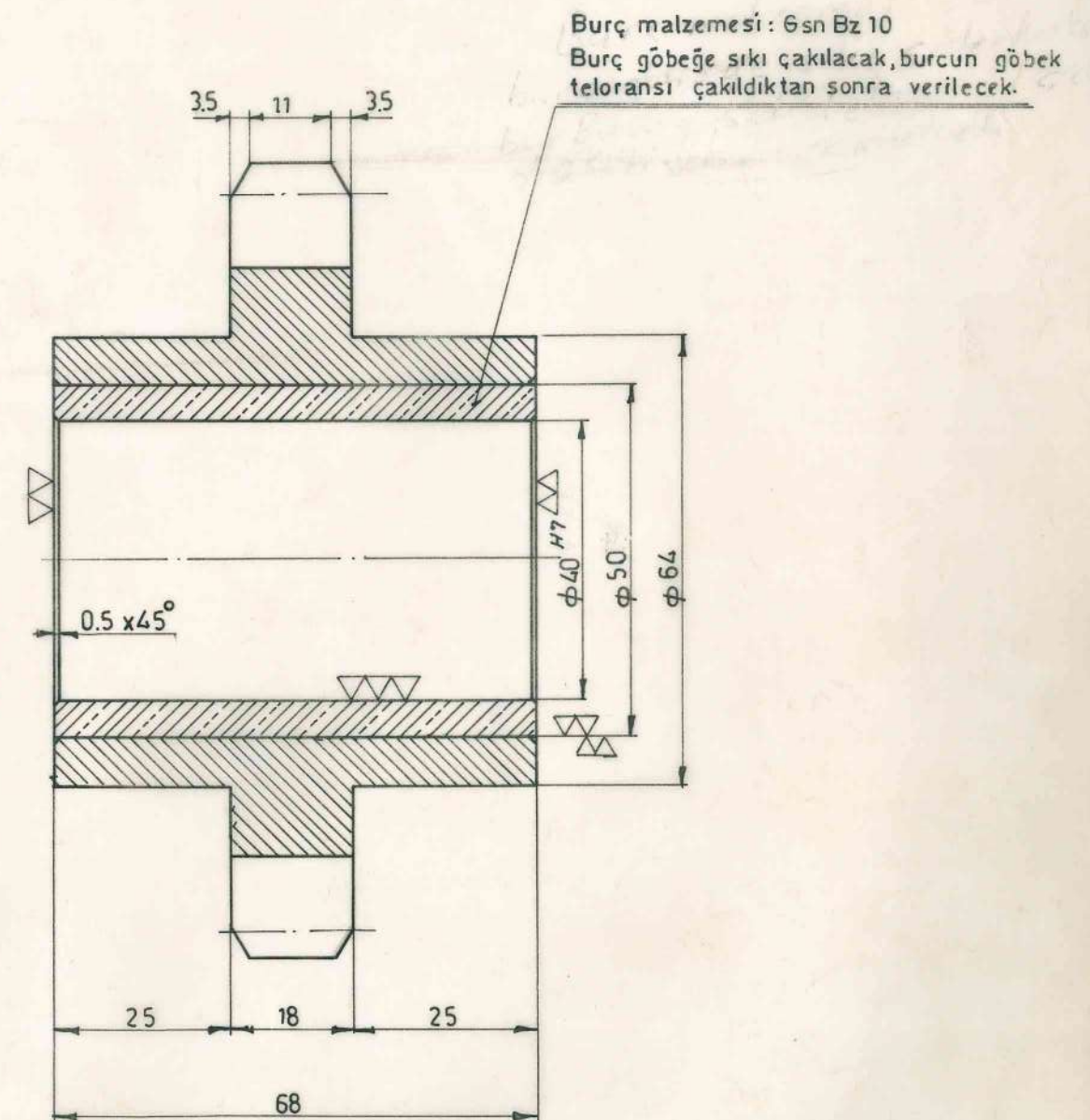
SERTLEŞTİRİLECEK
SERTLİK 45 HRC

Malzeme	Adı	C. Aksu	7.11.1990	<i>C. Aksu</i> <i>S. M. Ak</i>	T.T.K. KARADON İŞLETME	H. 717
Ç.1060		M. Açıkgoz				
Ölçü		H. Çemrek				
2/1	TAMROCK DELİCİ MAK. ÖN BURGU MERKEZLEYİCİ PARÇA PERNOSU				Grine	3



Z - 10

Dişli Doneleri	
Z	10
Da	114.17
Dt	102.74
Df	83.64
t	31.75
d	19.05
R ₁	25.4
R	9.71
s	0.636



SERTLİK: 50 HRC SERTLEŞTİRİLECEK

Ç.3330	S. KAYA	15. 3. 1990	1. T. B. M. B. D. O. I
	M. AÇIKGÖZ		İŞLETME MÜDÜRLÜĞÜ
	H. ÇEMREK		Ek. I Şube Md. İst. 1
			R. B. S. M. H. - 734
1/1	TOMROCK HİDROLİK DELİCİ BESLEME MEKANİZMASI DIŞI		Yerine Geçti