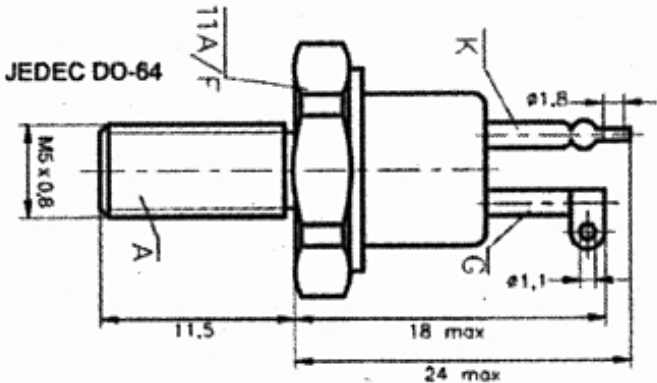


Phase Control Power Thyristors

Type	$I_{T(AV)}/T_C$	$\frac{U_{DRM}, U_{RRM}}$	I_{TSM}	I^2t	$U_T(T_0)$	r_T	I_{GT}	$\frac{du_D}{dt}$	R_{thjc}	R_{thcr}	U_{TM}/I_{TM}	Mounting torque (Nm)	Figure
	A/°C	V	A	A²t	V	mΩ	mA	V/μs	°C/W	°C/W	V/A		
T22-10	10/70	100-1400	150	112	1,17	17	50	100-1000	2		1,7/31,4	1,5-2,0	
T22-16	16/90	100-1400	200	200	1,2	16	50	100-1000	1		2,0/50,0		
T32-16	16/95	100-1400	300	450	1,15	19	75	100-1000	1		2,10/50	2,0-2,5	Fig. 1 T22, F22, S22
T32-20	20/85	100-1400	350	620	1,15	11	75	100-1000	1		1,70/50		

T32-25	25/80	100-1400	350	620	1,15	8	75	100-1000	1		1,50/50	
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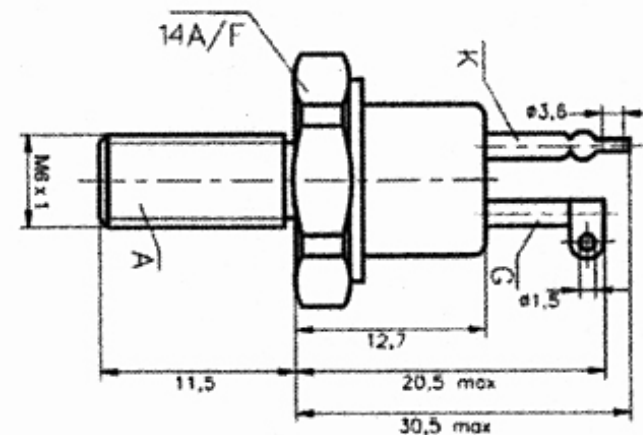


Fig. 2 T32, F32, S32

T42-32	32/75	100-1200	450	1025	1	10	75	100-1000	0,8		2,00/100	2,0-2,5
T42-40	40/80	100-1200	600	1800	1	6	75	100-1000	0,6		1,75/125	
T42-50	50/75	100-1200	600	1800	1	4	75	100-1000	0,6		1,50/125	

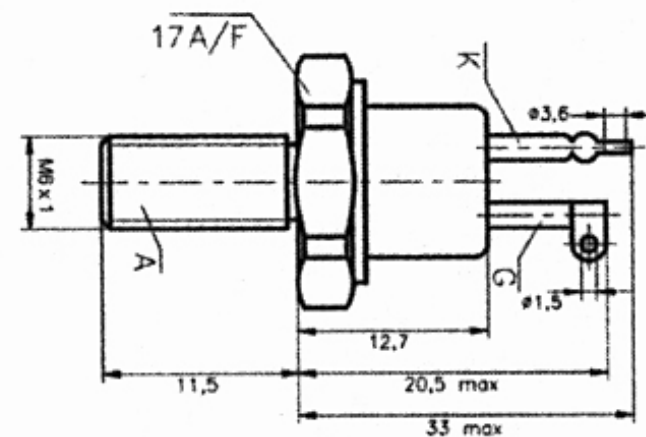


Fig. 3 T42, S42

T62-250	250/80	400-800	6300	200000	0,76	0,65					1,20/625		
T71-250	250/75	1200-2400	6300	200000	1,13	1					2,60/1500		
T71-300	300/70	400-2400	7600	290000	1,02	0,8	200	200-1000	0,1	0,05	2,20/1500	38,0-41,0	
T71-350	350/70	400-2000	9100	415000	0,86	0,6					1,80/1500		
T63-200	200/90	400-2200	3600	65000	1,24	1,6					2,05/625		
T63-250	250/85	400-2200	4000	80000	1,15	1,15					1,85/625		
T63-300	300/80	400-1600	4500	101000	1,1	0,86	150	200-1000	0,08	0,02	1,55/625	4,5-6,5	

T75-650	650/65	400-1600	8100	330000	0,93	0,7						2,00/1500	
T75-700	700/65	400-1600	8800	386000	0,87	0,6						1,80/1500	
T75-750	750/65	400-1600	9500	450000	0,89	0,48	150	200-1000	0,04	0,02		1,70/1500	9,0-11,0
T75-980	980/65	200-800	11400	650000	0,80	0,23						1,70/1500	

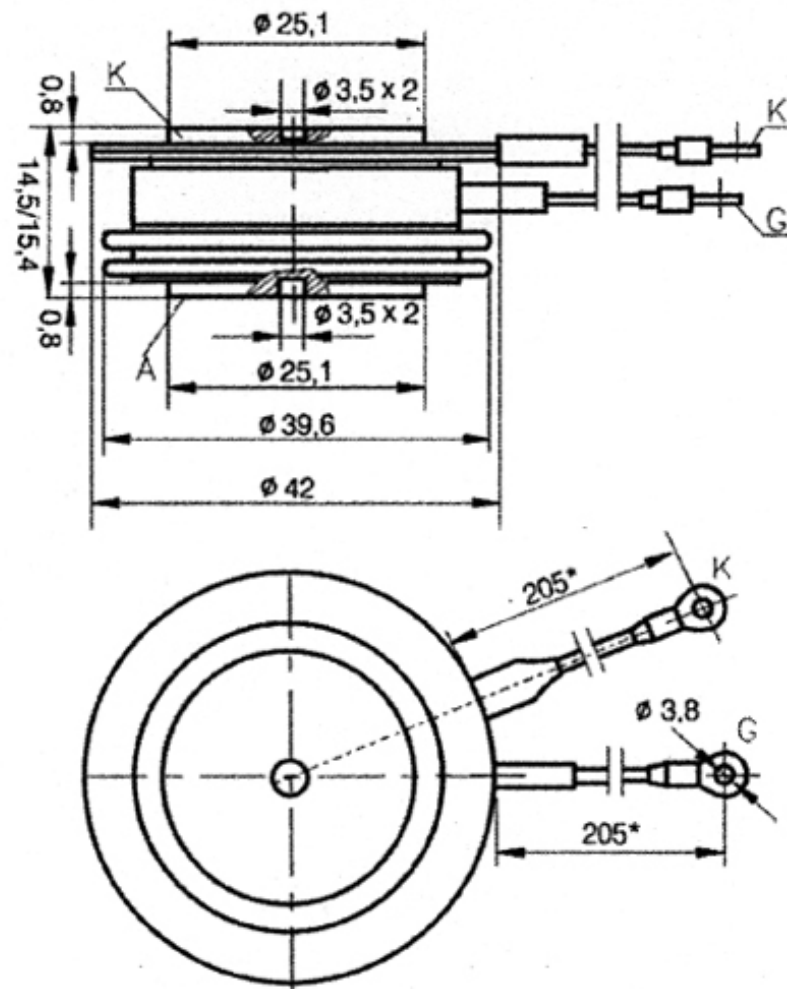


Fig. 9

T75, F75

T73-450	450/70	400-2400	7600	290000	1	0,8											2,20/1500	
T73-550	550/65	400-2200	9100	415000	0,86	0,6	200	200-1000	0,06	0,02							1,80/1500	9,0-11,0
T73-600	600/60	400-1600	9100	415000	0,85	0,55											1,70/1500	

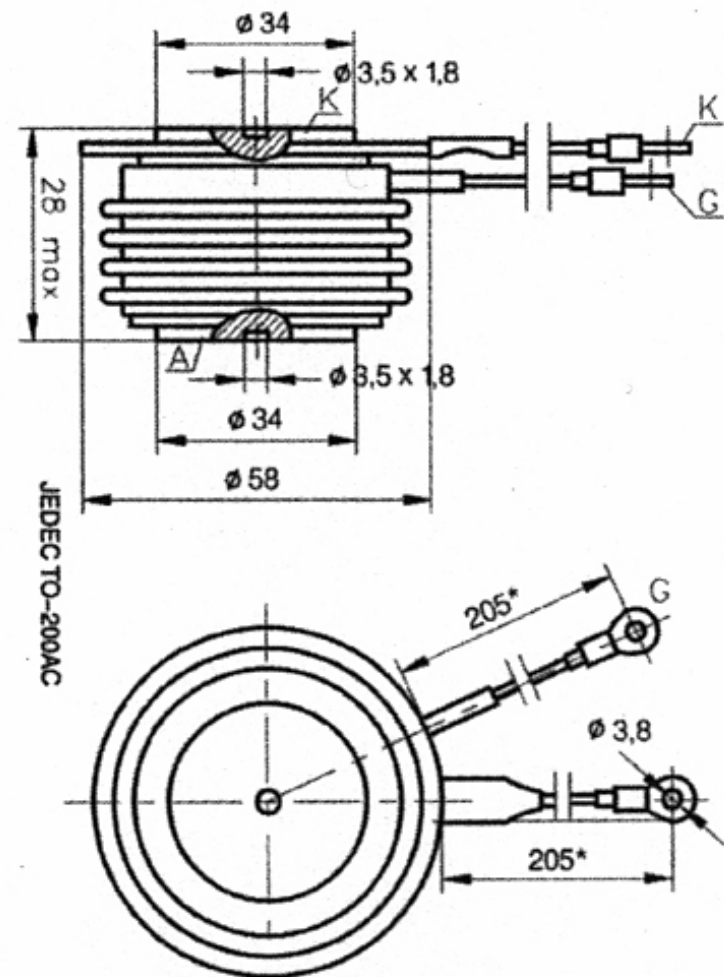


Fig. 10 T73, F73, P73, T83, P83

T83-630	630/70	400-1400			1	0,63						1,90/1500	
			10200	520000									
	630/60	1600-2400			1,25	0,705						2,10/1500	
T83-800	800/70	400-1400			0,92	0,329	200	200-1000	0,037	0,02		1,35/1500	12,0-14,0
			13000	845000									
	800/60	1600-1800			1,1	0,384						1,50/1500	
T83-1000	1000/75	200-800	18000	1620000	0,78	0,17						1,20/1500	

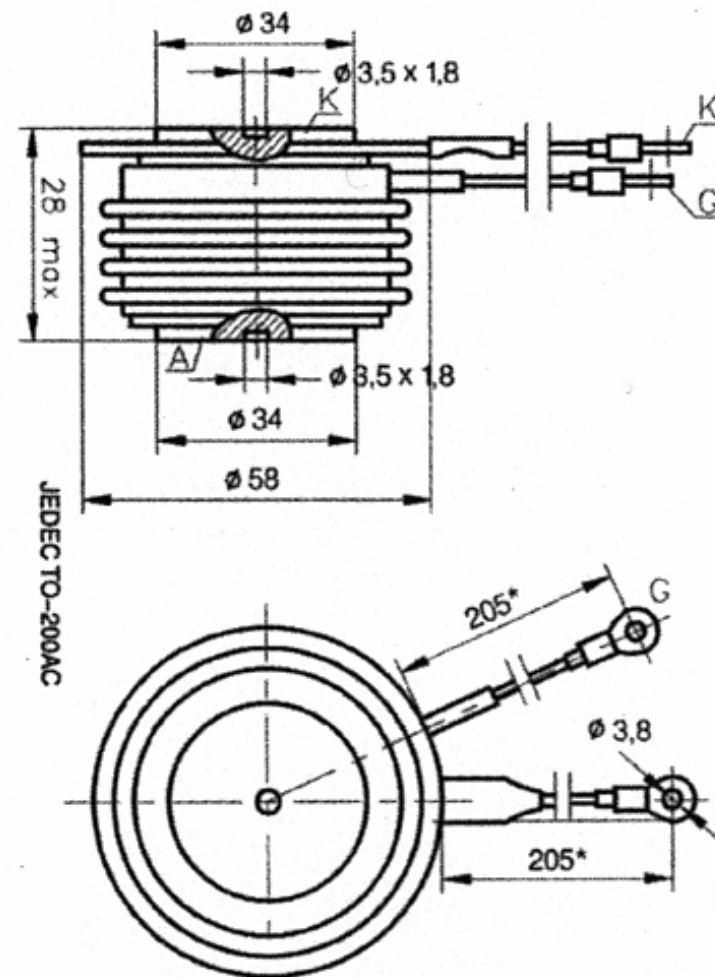


Fig. 10 T73, F73, P73, T83, P83

T95-1000	1000/70	400-2400	20000	2000000	1,15	0,4					1,75/1500	
T95-1250	1250/70	400-2000	20000	2000000	1,1	0,2					1,40/1500	
T95-1400	1400/70	400-1800	21000	2200000	0,83	0,2	200	200-1000	0,023	0,01	1,30/1500	22,5-25,0
T95-1600	1600/70	200-800	27000	3600000	0,8	0,14					1,15/1500	
T95-1900	1900/70	200-600	30000	4500000	0,74	0,089					1,00/1500	

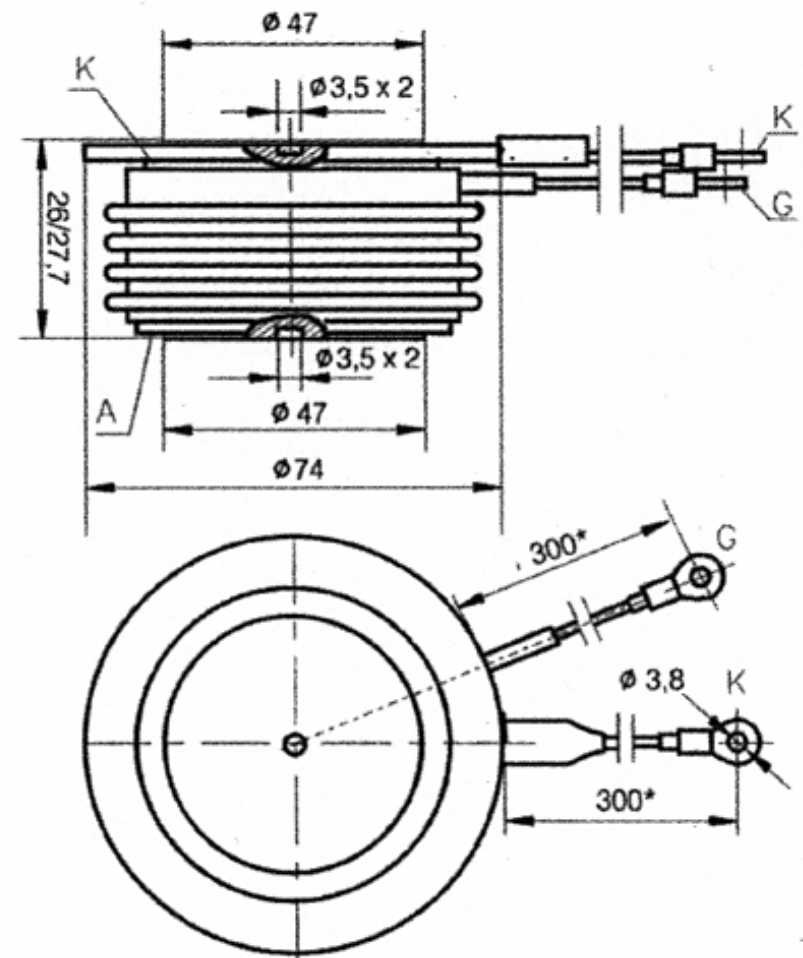


Fig. 11

T95, P95