

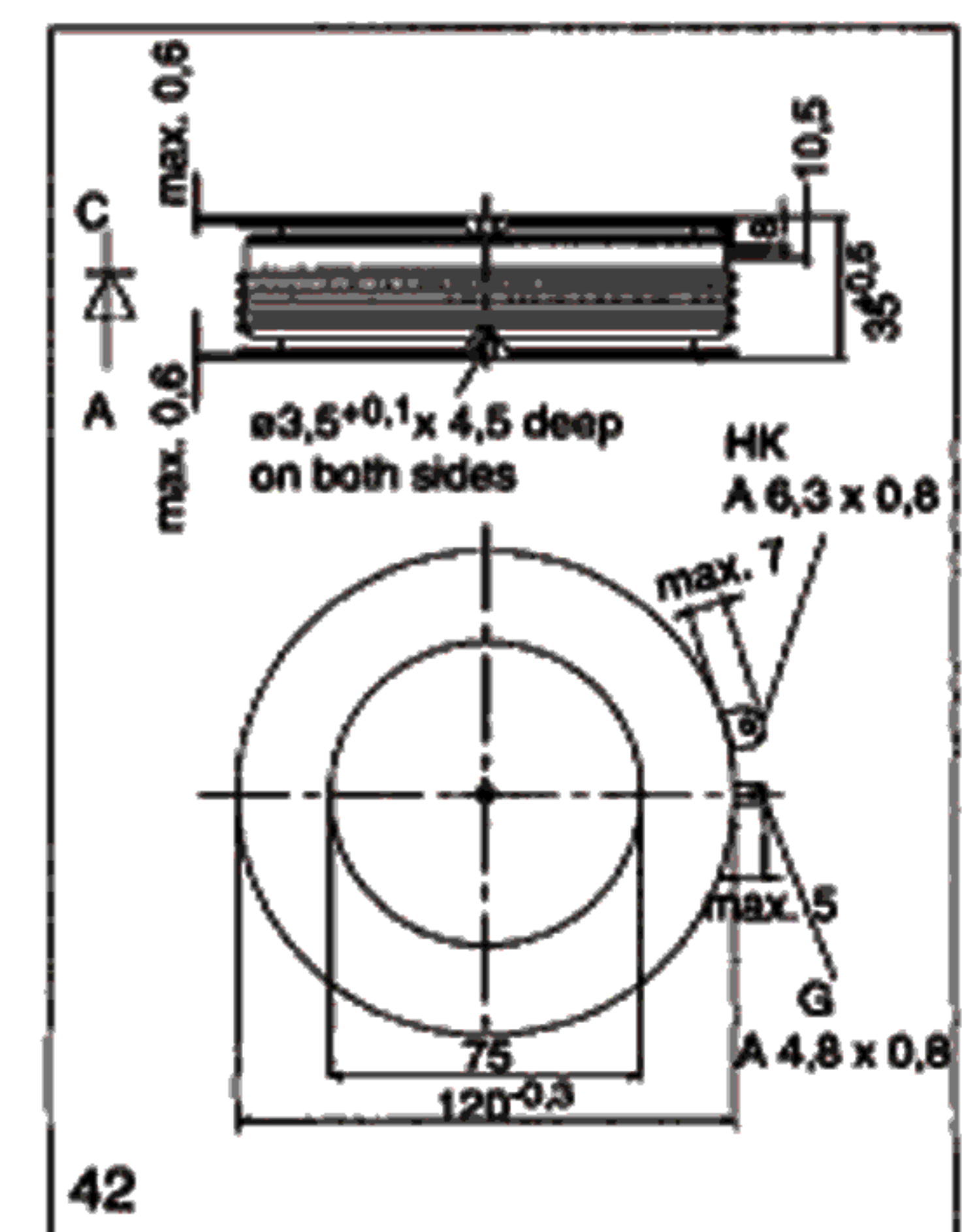
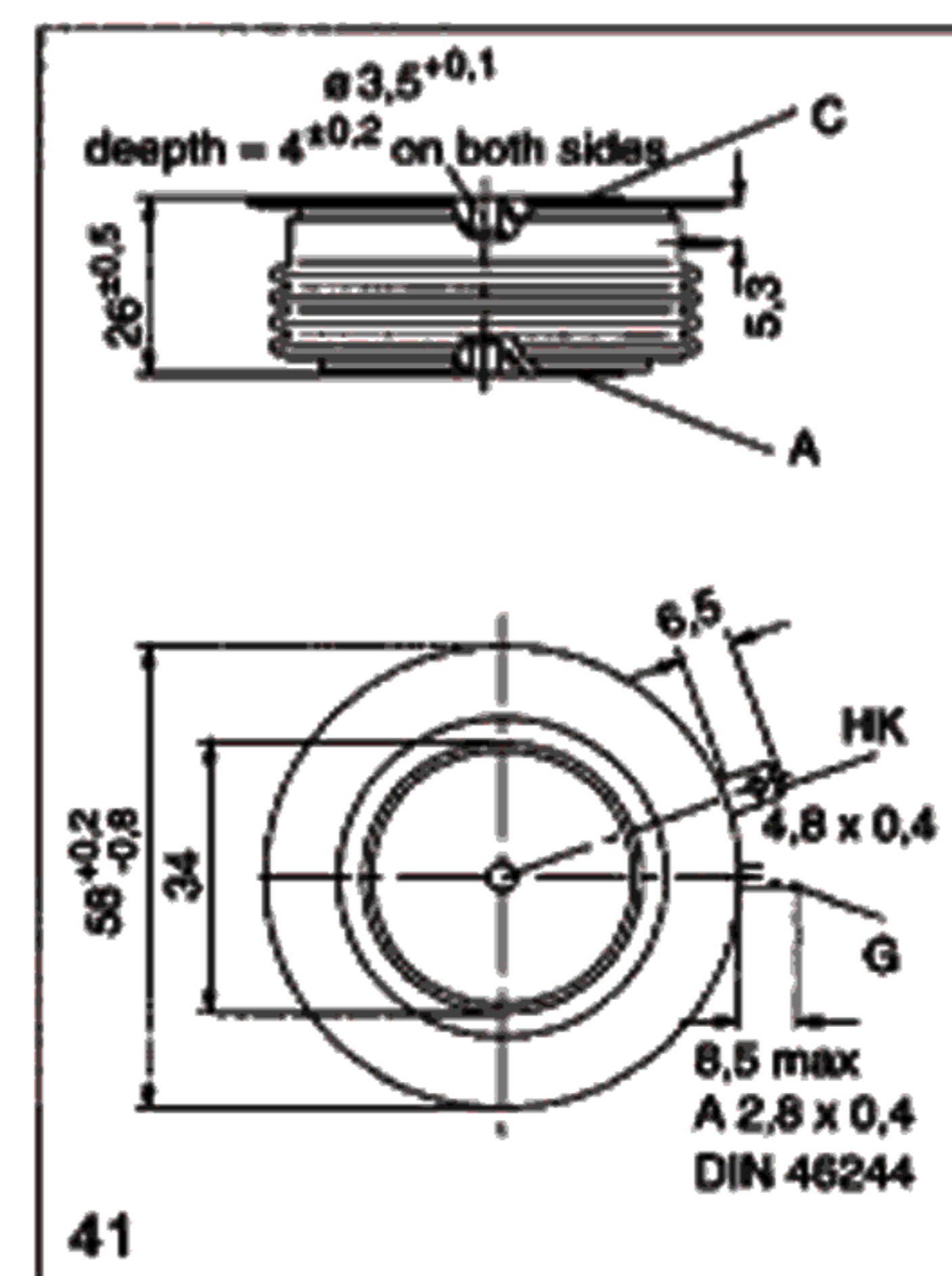
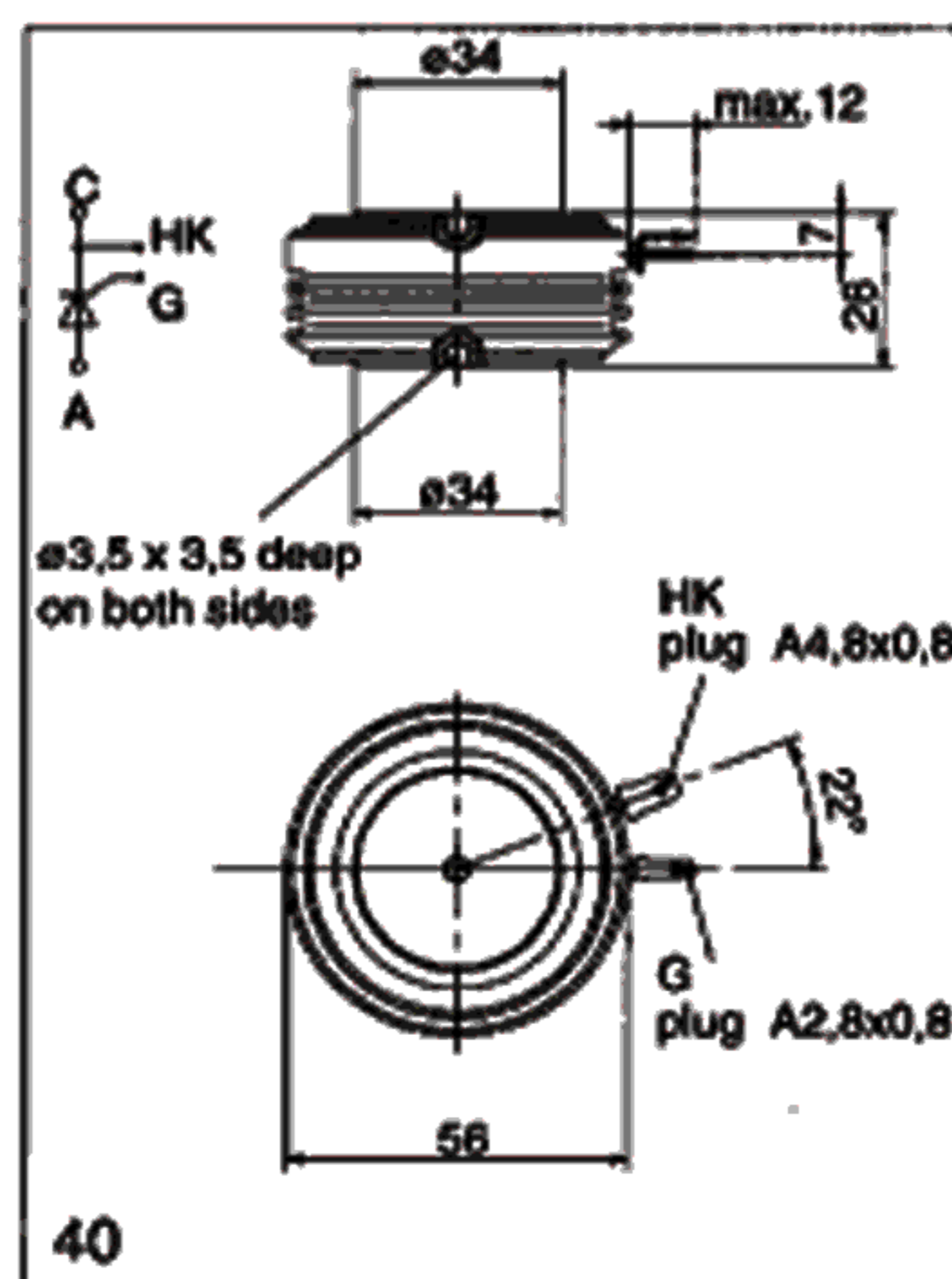
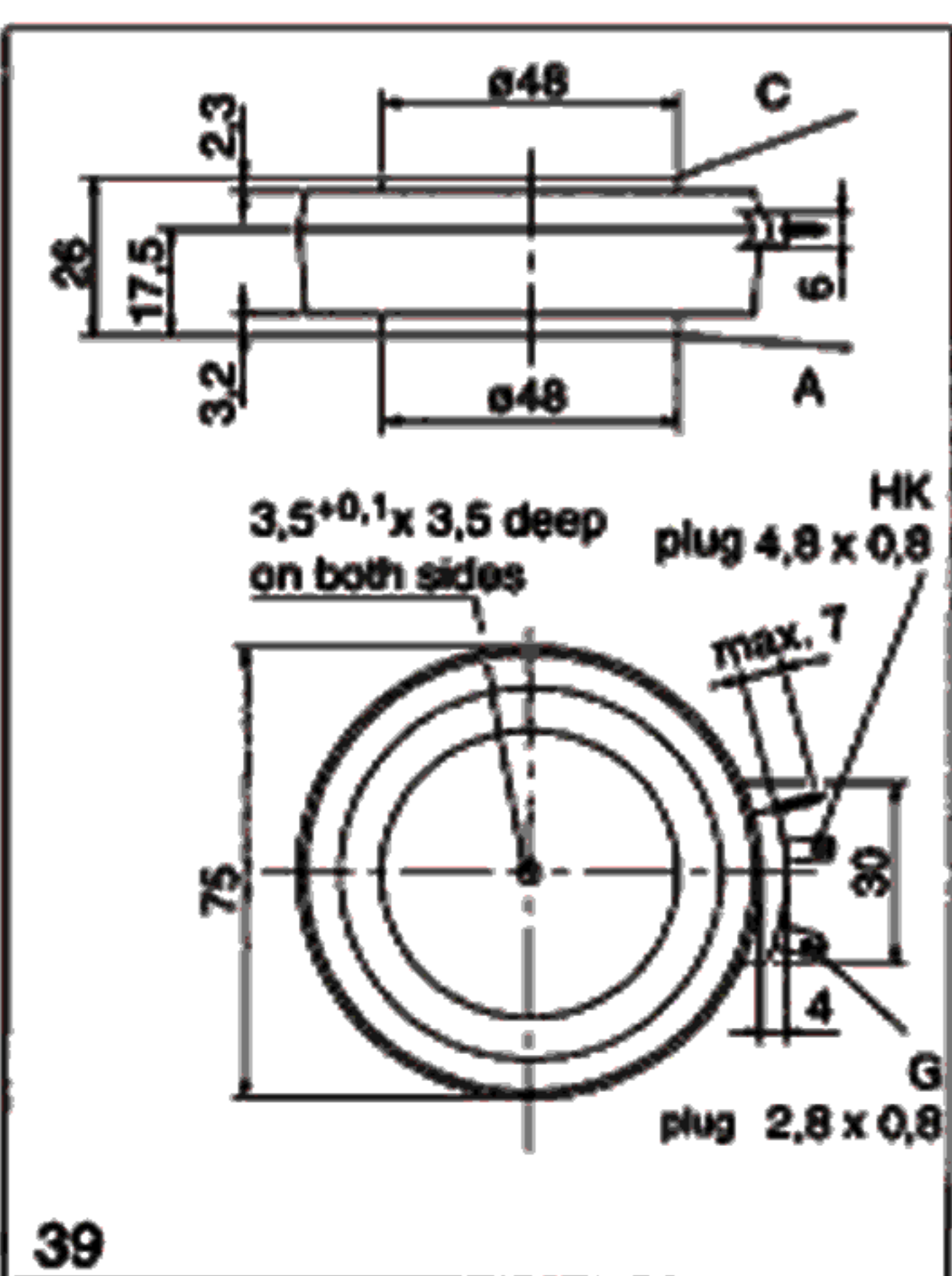
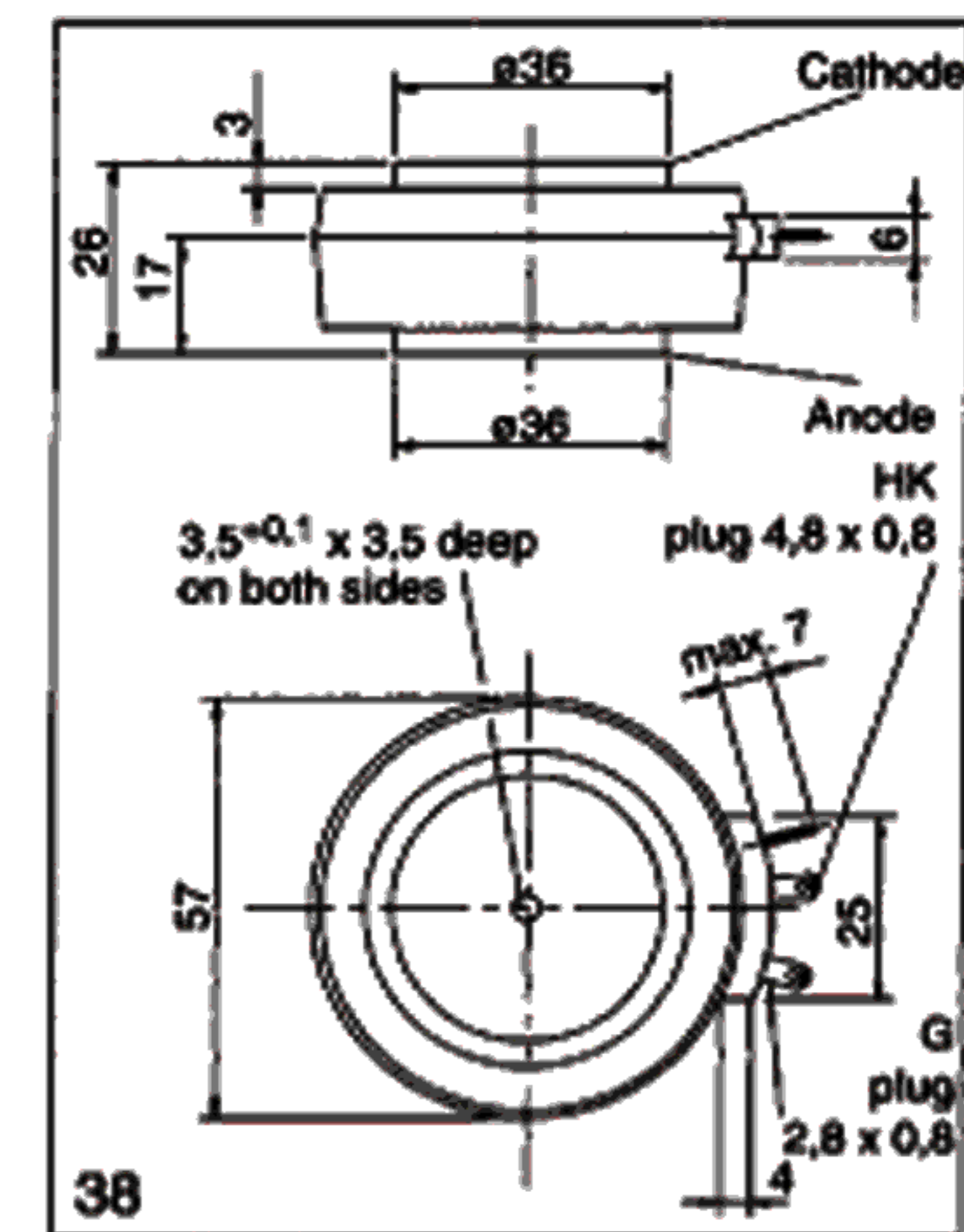
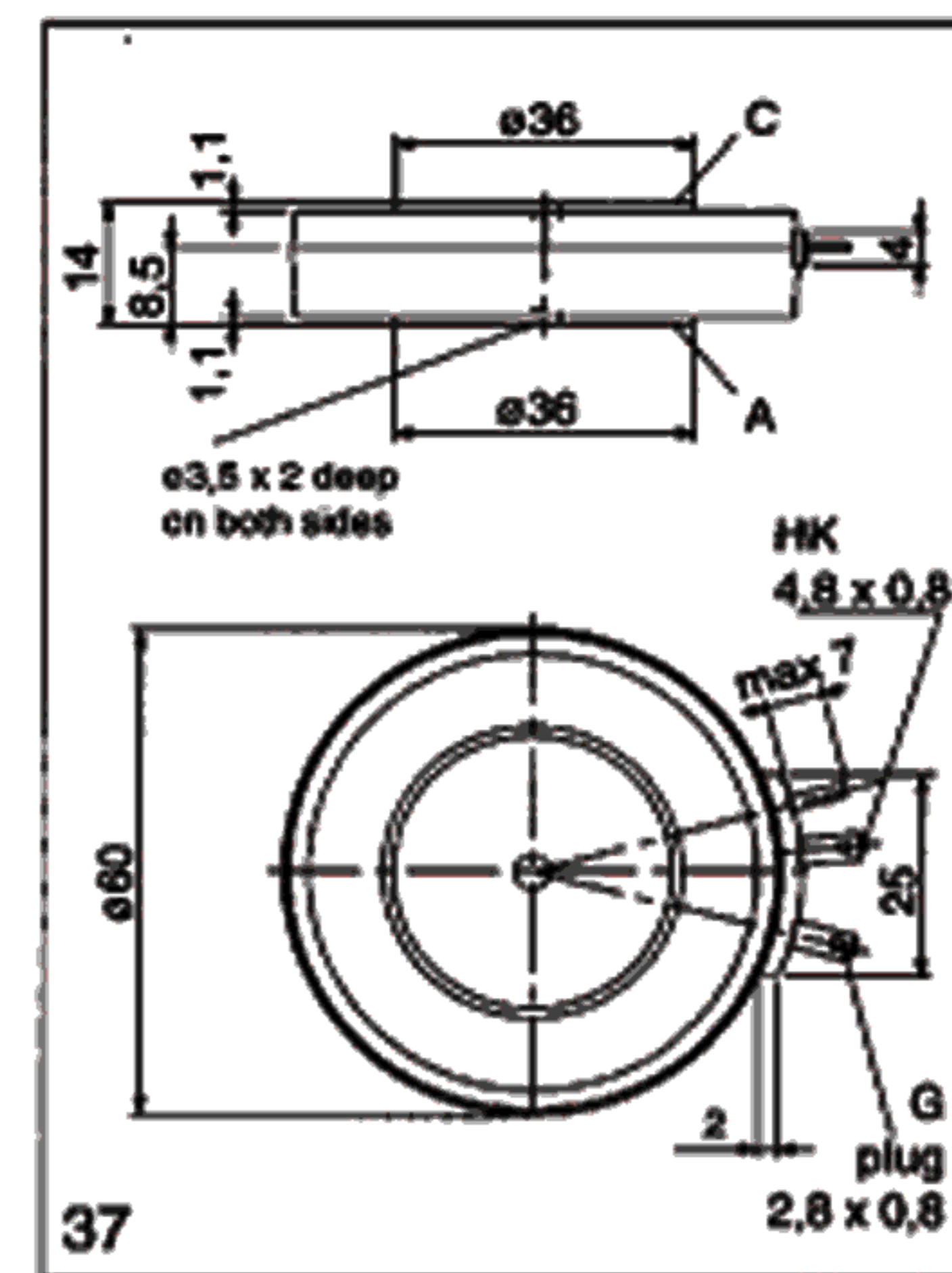
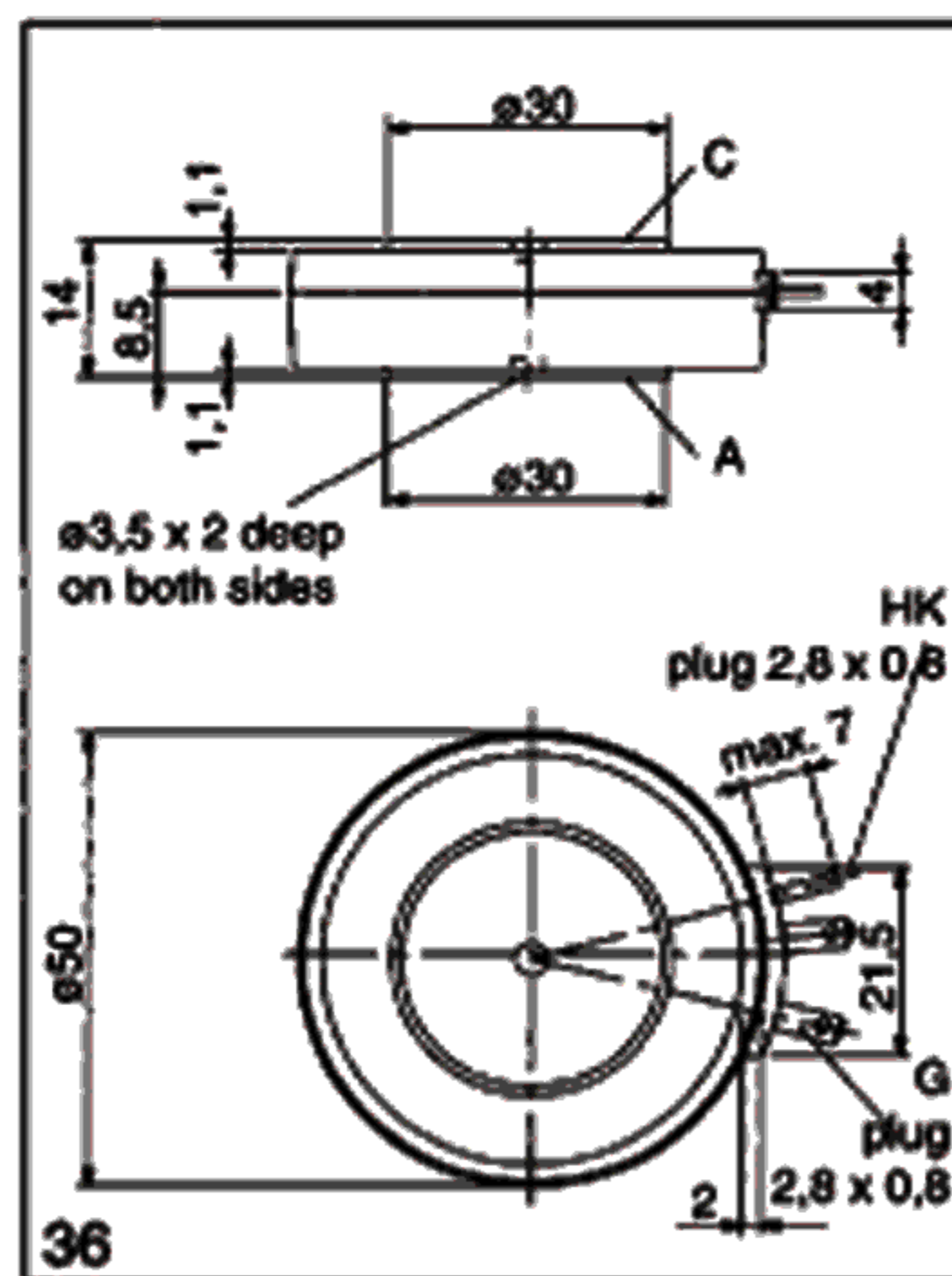
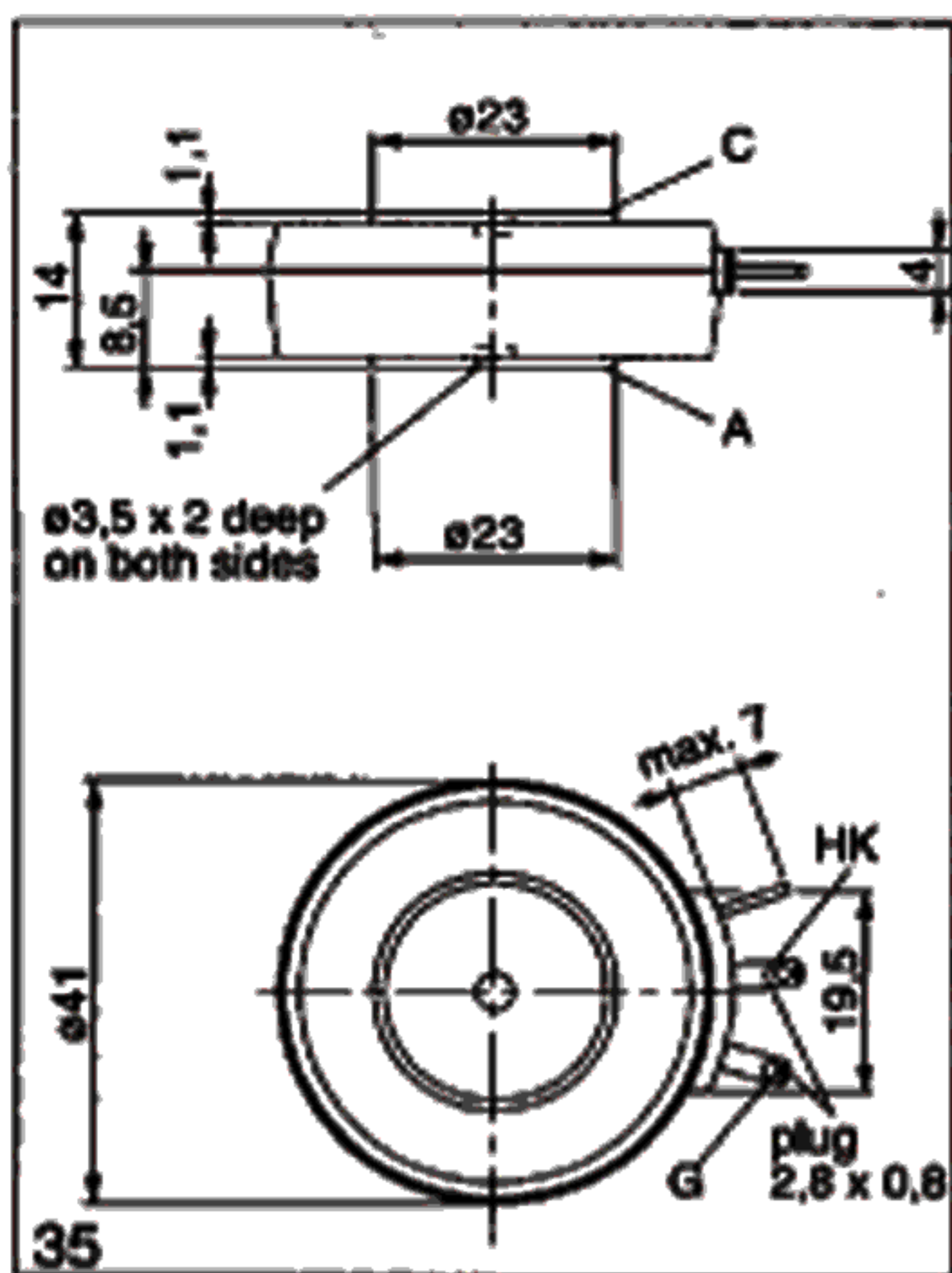
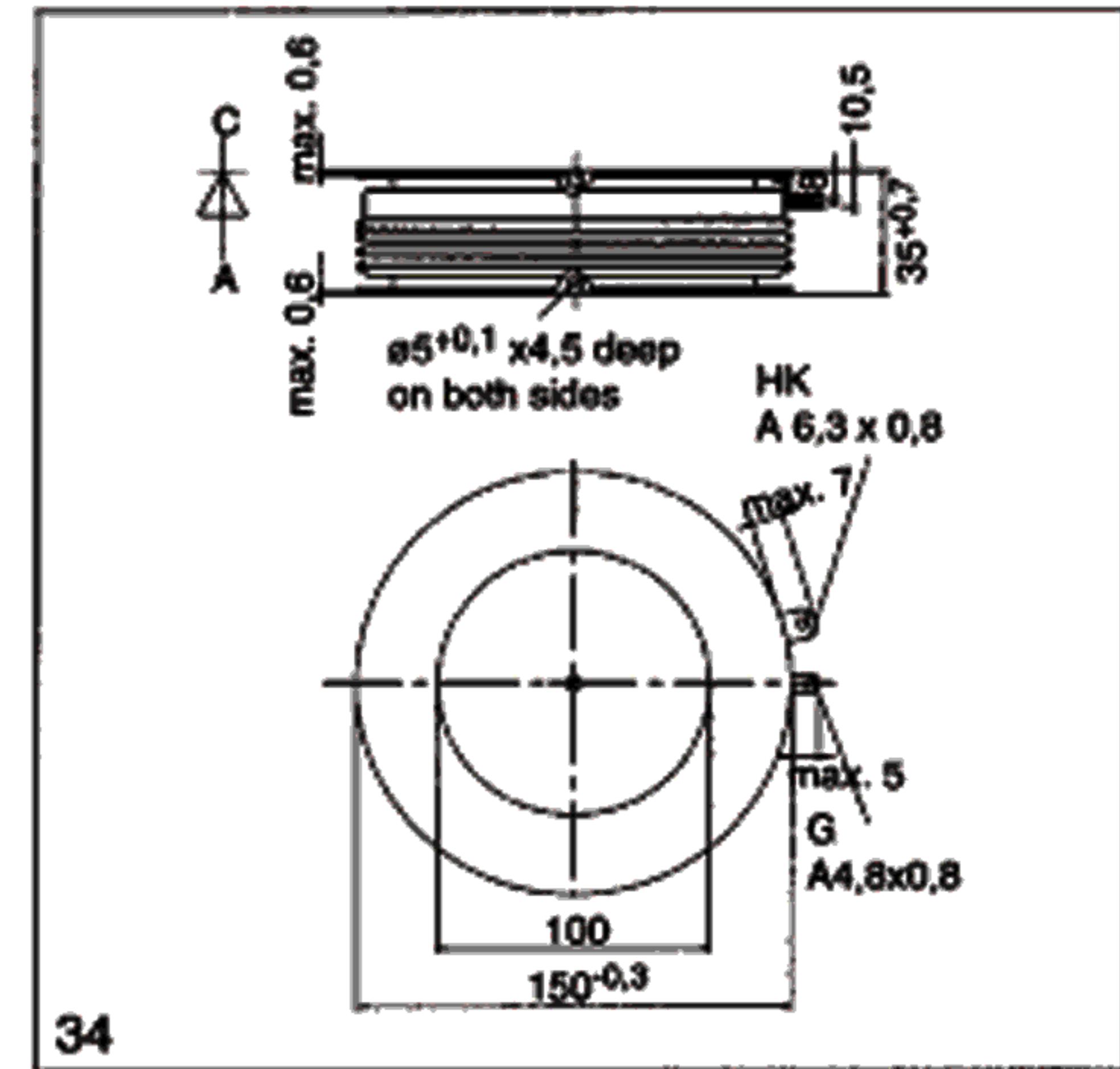
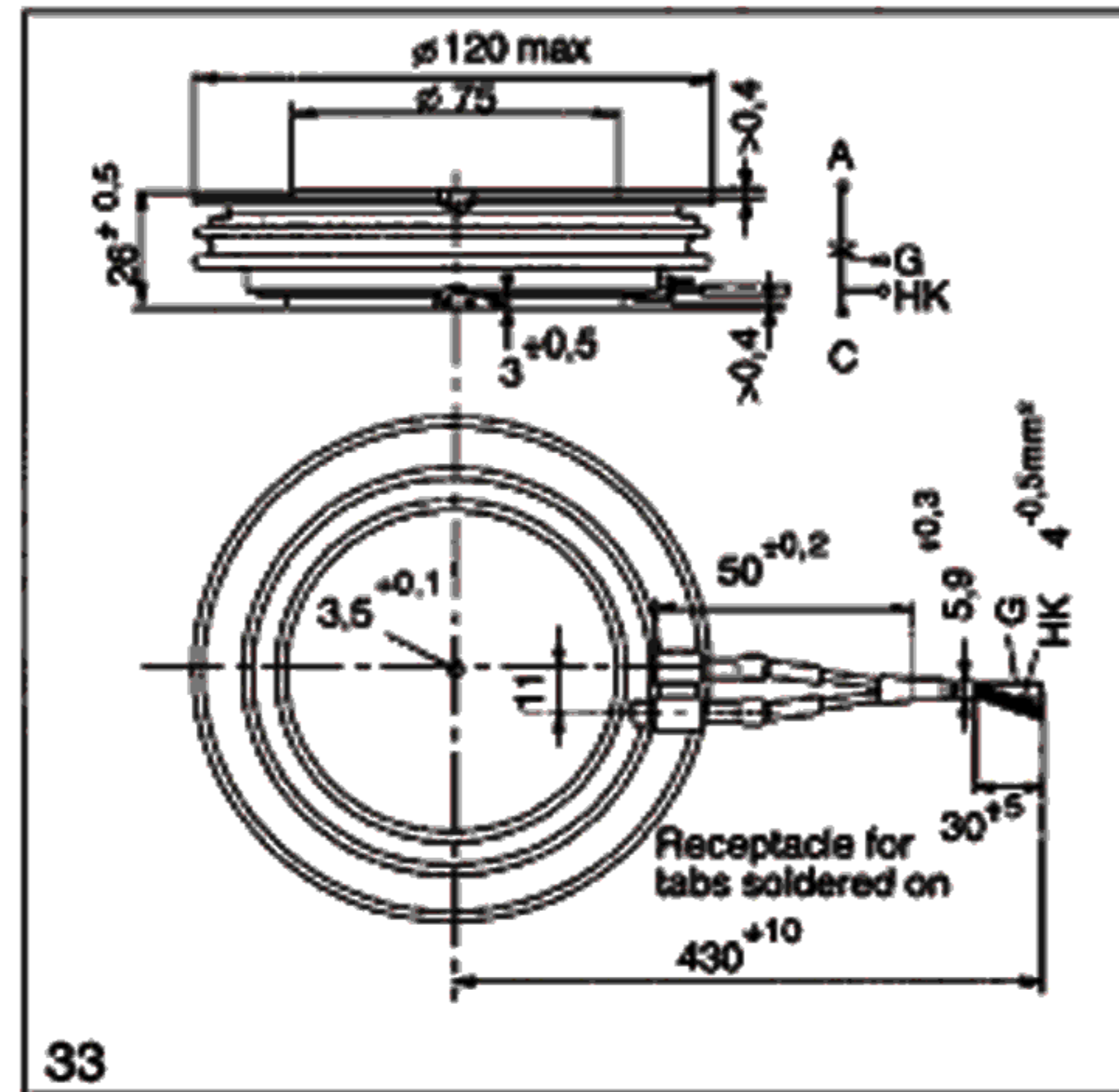
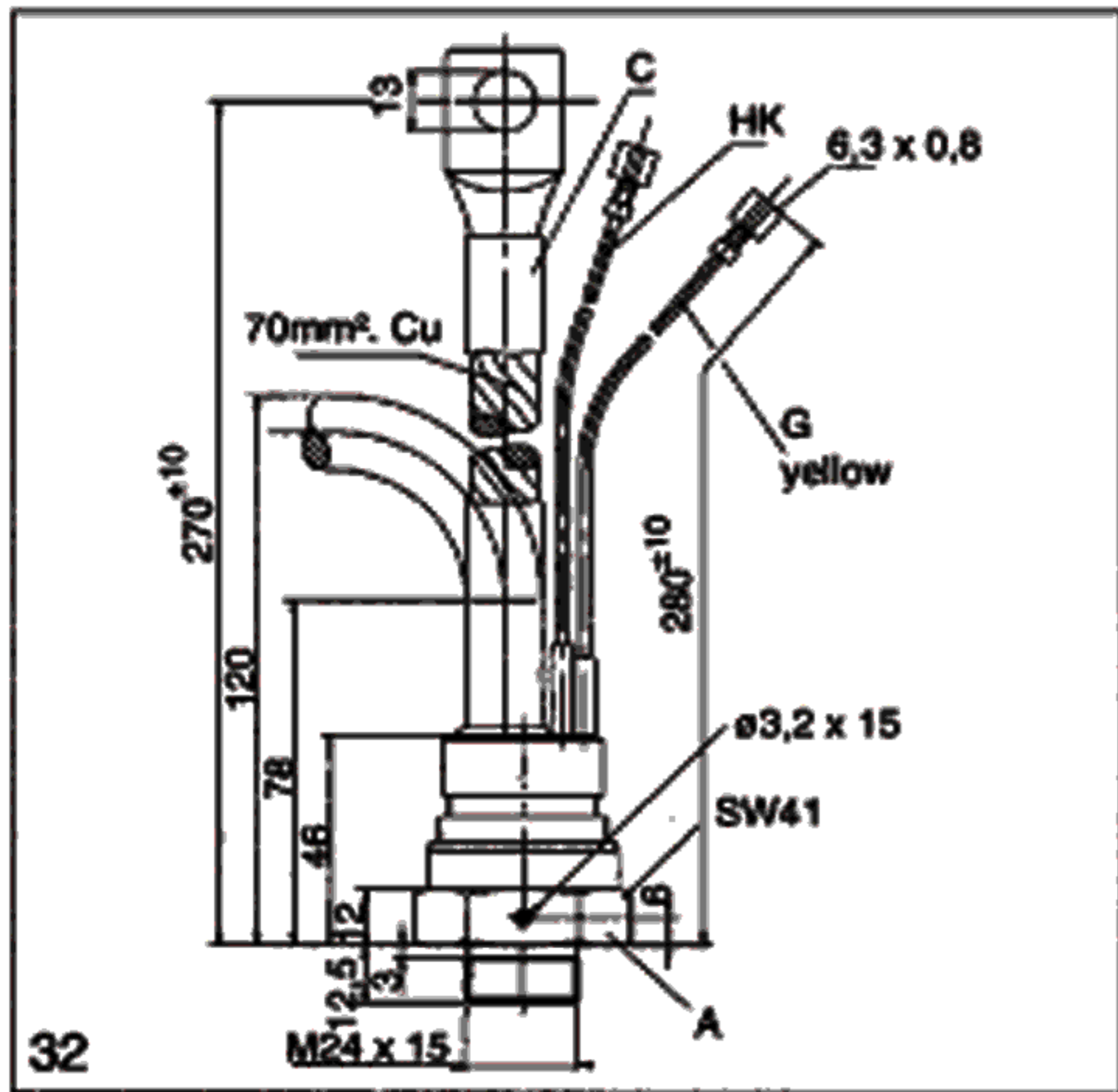
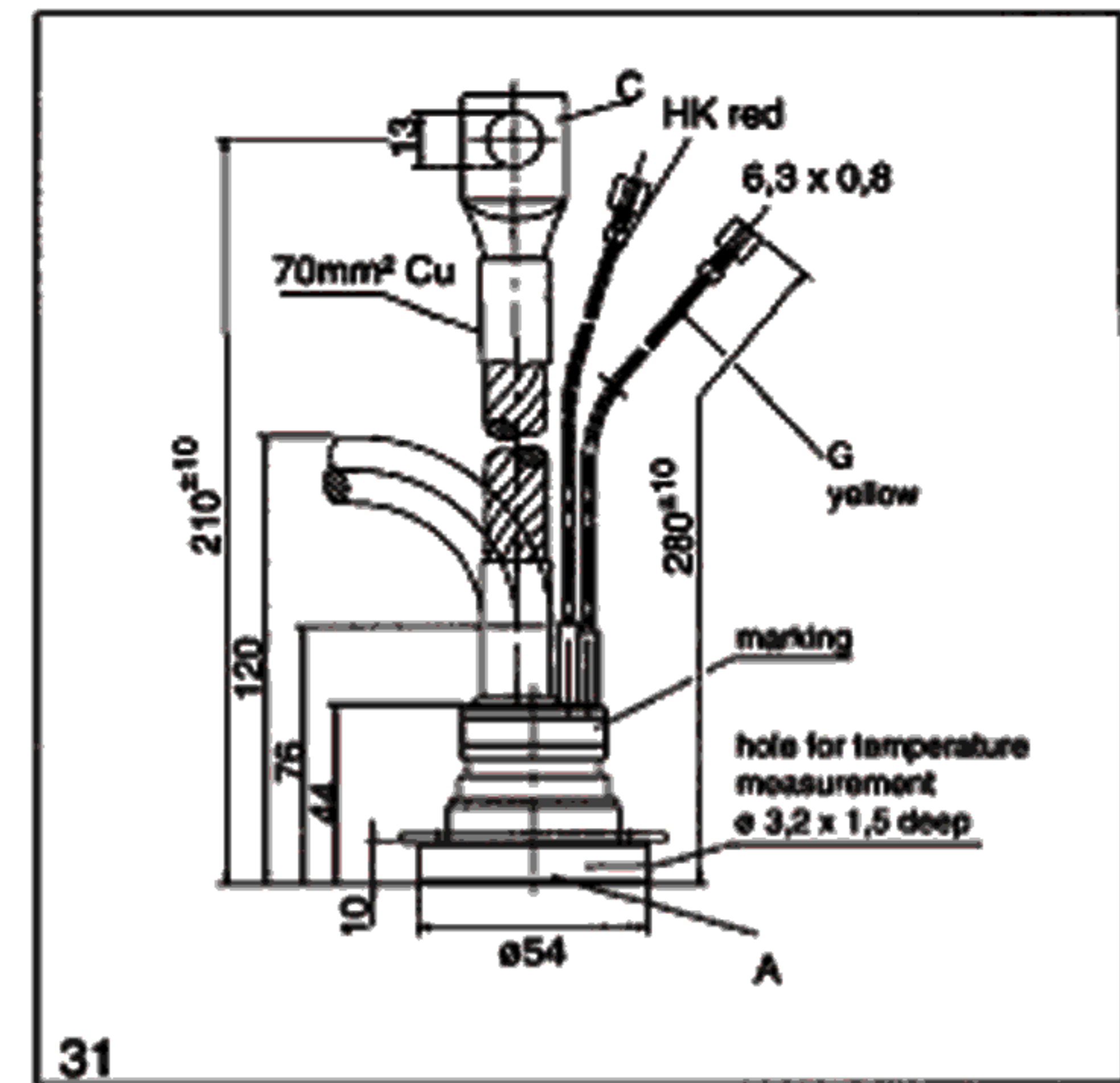
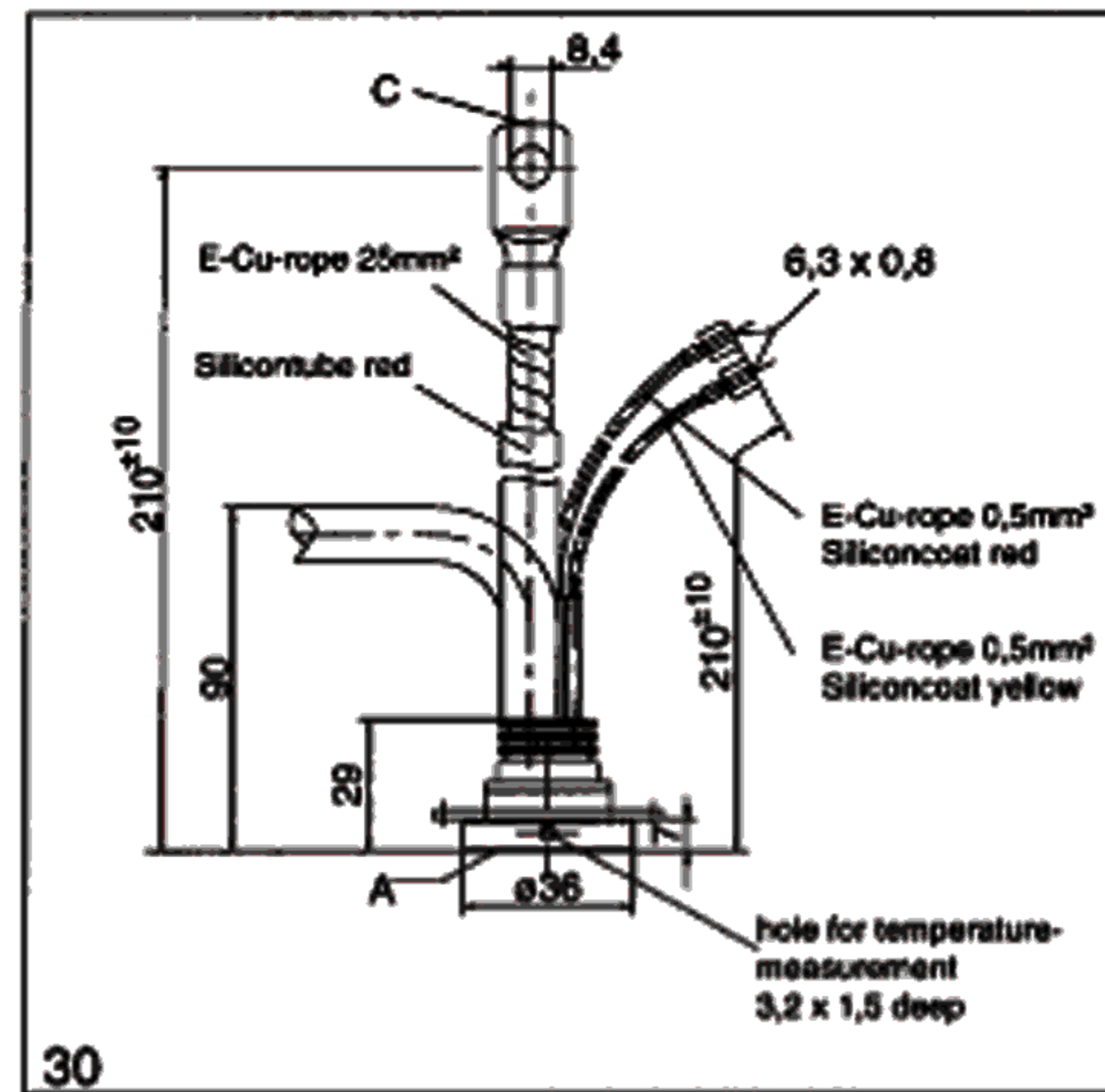
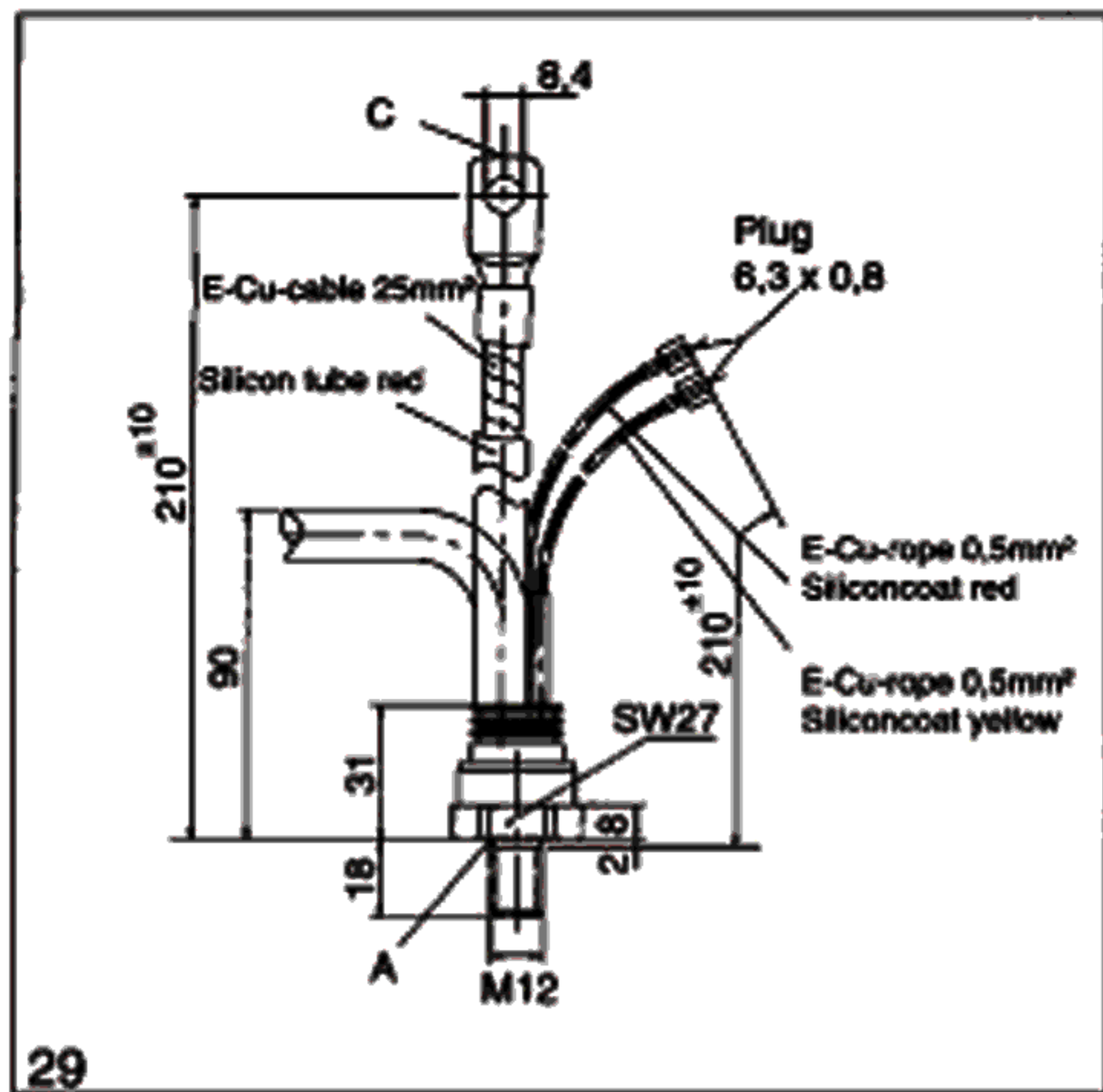
Phase Control Thyristors

Type	V_{DRM} V_{RRM} V $V_{DSM} = V_{DRM}$ $V_{RSM} = V_{RRM} + 100V$	I_{TRMSM} A	I_{TSM} kA 10ms, $t_{vj\ max}$	$\int i^2 dt$ A ² s 10ms, $t_{vj\ max} \cdot 10^3$	$I_{TAVM/tc}$ A/°C 180° el sin	$V_{(TO)}$ V $t_{vj} =$ $t_{vj\ max}$	r_T mΩ $t_{vj} =$ $t_{vj\ max}$	$(di/dt)_{cr}$ A/μs DIN IEC 747-6	t_q μs typ.	$(dv/dt)_{cr}$ V/μs DIN IEC 747-6	V_{GT} V $t_{vj} =$ 25°C	I_{GT} mA $t_{vj} =$ 25°C	R_{thJC} °C/W 180° el sin	$t_{vj\ max}$ °C	outline
T 86 N	600...1800*	200	2	20	86/85	1,00	2,60	150	200	F = 1000	1,4	150	0,3000	125	29
T 130 N	600...1800	300	3	45	130/85	1,08	1,53	150	180	F = 1000	1,4	150	0,2000	125	29/30
T 160 N	600...1800	300	3,4	58	160/85	1,08	1,53	150	200	F = 1000	1,4	150	0,1500	125	29/30
T 178 N	600...1800	300	2,6	34	178/85	0,92	1,50	150	180	F = 1000	2,0	150	0,1400	125	35
T 210 N	200... 600	330	5,5	151	210/100	0,80	0,85	200	200	F = 1000	1,4	150	0,1500	140	29
T 218 N	600...1800	400	3,4	58	218/85	0,90	1,35	150	200	F = 1000	2,0	150	0,1100	125	35
T 221 N	600...1800	450	5,7	163	221/85	1,10	0,75	150	200	F = 1000	2,0	200	0,1200	125	31/32
T 271 N	2000...2500	650	7	245	270/85	1,07	0,87	60	300	C = 500 F = 1000	1,5	250	0,0910	125	32
T 298 N	600...1600*	600	4,25	90,6	298/85	0,85	0,90	150	200	F = 1000	2,0	150	0,0880	125	35
T 308 N	2000...2600*	550	4,5	100	308/85	1,10	1,60	60	350	C = 500 F = 1000	2,0	200	0,0560	125	36
T 345 N	600...1800*	550	6,9	238	345/85	0,85	0,75	150	250	F = 1000	2,0	200	0,0800	125	31
T 348 N	200... 600	600	4	80	348/85	1,00	0,70	200	200	F = 1000	2,0	150	0,1000	140	35
T 358 N	600...1800*	700	4,6	106	358/85	0,85	0,90	150	250	F = 1000	2,0	200	0,0680	125	35
T 370 N	600...1800	650	8	320	370/85	0,80	0,50	200	250	F = 1000	2,2	250	0,0850	125	32
T 378 N	800...1400	800	6,5	211	378/85	0,80	0,75	150	250	C = 500	2,0	200	0,0680	125	35
T 380 N	3200...3800	750	6,5	211	380/85	1,20	1,20	100	280	C = 500 F = 1000	1,5	250	0,0450	125	40
T 388 N	600...1800*	730	6,4	205	388/85	0,90	0,75	120	220	F = 1000	2,0	200	0,0680	125	36
T 398 N	200... 600	800	5,5	151	398/85	1,00	0,40	200	200	F = 1000	1,4	150	0,1000	140	35
▼ T 399 N	2000...2600	1000	7,9	312	399/85	1,15	1,12	120	150	C = 500 F = 1000	2,0	250	0,0410	125	38
T 458 N	2000...2600	1000	9	405	459/85	1,00	0,84	120	300	C = 500 F = 1000	1,5	250	0,0455	125	37
T 459 N										F = 1000					38
T 508 N	600...1800*	800	6,9	238	510/85	0,80	0,60	120	250	F = 1000	2,0	200	0,0530	125	36
T 509 N															38
T 588 N	600...1800*	1250	8	320	588/85	0,80	0,50	200	250	F = 1000	2,2	250	0,0450	125	36
T 589 N															38
T 618 N	600...1400	1250	9,5	451	618/85	0,80	0,42	200	250	F = 1000	2,2	250	0,0450	125	36
T 619 N															38
T 648 N	600...1600	1300	11	605	649/85	1,00	0,38	120	250	F = 1000	1,5	250	0,0380	125	36
T 649 N															38
T 709 N	2000...2600	1500	13	845	700/85	1,05	0,53	50	300	C = 500 F = 1000	1,5	300	0,0290	125	39
T 718 N	600...1600*	1500	12,5	781	718/85	0,85	0,35	120	250	F = 1000	1,5	250	0,0380	125	37
T 719 N															38
T 729 N	3600...4200	1840	15,8	1250	730/85	1,20	0,57	80	400	F = 1000	2,5	300	0,0215	120	39
T 730 N															46
T 828 N	200... 600	1500	12	720	828/85	1,00	0,23	300	150	F = 1000	2,0	200	0,0450	140	36
T 860 N	3000...3600	2000	17	1445	860/85	1,08	0,50	80	400	C = 500 F = 1000	2,0	250	0,0210	125	46
T 869 N															39
▼ T 879 N	600...1800	1750	15,5	1200	879/85	0,85	0,27	200	250	F = 1000	2,2	250	0,0300	125	38
T 919 N	2000...2600	2200	17	1445	919/85	1,20	0,40	150	150	C = 500 F = 1000	2,0	250	0,0210	125	39
T 1059 N	2000...2800*	2200	19	1800	1050/85	1,05	0,30	150	300	C = 500 F = 1000	2,0	250	0,0210	125	39
T 1050 N															46

▼ New type

* Delivery for large quantities on request

1) Case rupture current 40 kA (sinusoidal half wave 50 Hz)



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