

```

100 SYMBOL AFTER 256:MEMORY 41906
110 POKE &AE7D,178:POKE &AE7E,163
120 POKE &B296,178:POKE &B297,163
130 CLEAR:SYMBOL AFTER 240
140 LOAD"!tool",41907
150 FOR n=1 TO 3:READ a,b
160 POKE a,&C3:POKE a+1,b AND 255
170 POKE a+2,INT(b/256)AND 255
180 NEXT:BORDER 2:MODE 1:LOCATE 2,2
190 PRINT"Graphic TOOLKIT 1.0 ";
200 PRINT"4140B Bytes free",,:NEW
210 DATA &ac07,&a61d
220 DATA &ac13,&a6b5
230 DATA &ac16,&a675

```

Toolkit- Loader

```

130 FOR i=1 TO LEN(x$)STEP 2
140 m=VAL("&"+MID$(x$,1,2))
150 POKE 39999+z*16+(i+1)/2,m
160 p=p XOR m:NEXT
170 IF p THEN PRINT"Error":STOP
180 NEXT:PRINT"ok"
190 SAVE"tool",b,40000,841
200 DATA cd9fcd5cd37dd2ccd27c3e378a7281f,96
201 DATA 1c1ccb3b147b5a57d5dde1e5cde2a5e1,245
202 DATA e723e5cde6a32aaaac22a4ace110f1e1,78
203 DATA c306a62aa6ac22a8accdd3120e087e23,50
204 DATA e5cd04a42aacac22a8ace10d20f0c30e,117
205 DATA a62aa4ac22aaacc5060817c5cd22a416,228
206 DATA 00dd5d2aaaac1922aaacc110edc1c92a,143
207 DATA a8ac22acacdde5c13013c5f5ed5baaac,124
208 DATA cdf415160059626acd3618f1c12aacac,146
209 DATA 2b2b22acac10e1c9cd4bc2e5cde2a5cd,252
210 DATA f617cd90a4300bcd79a4010100cda4a4,254
211 DATA 18f0ed5ba4ac01ffffcda4a4cd90a430,83
212 DATA 68cd79a418f02b2bcd90a438f92aa6ac,136
213 DATA 2323cd90a438f92aa6acc30ea6e5d5cd,142
214 DATA fc16300acda90b7ea137cc1d183fd1e1,145
215 DATA c9eb3ac8b1fe0128043003090909eb,106
216 DATA c9cdf0a5c5e3ebe5d5e5210000e5cd36,118
217 DATA 18d1e1d5cd3618d1e1cdd437ebe5cd36,245
218 DATA 18d1e1cdd437cd3618e1c306a6cdf0a5,255
219 DATA c5e3ebe5d5e5d5e5cde5a5d119222eb3,210

```

```

10 '*****
20 '*
30 '* Graphic TOOLKIT *
40 '* (C)1985 *
50 '* by Thomas Fippl *
60 '* 6336 Solms/Lahn *
70 '*
80 '*****
90 '
100 MEMORY 39999:CLS:FOR z=0 TO 52
110 PRINT CHR$(30)"Zeile:"200+z;
120 READ x$,p

```

Toolkit- Generator

```

200 DATA eb11b5accd65a5e111b0accd65a5061d,20
201 DATA 213ba65e235623cd73a510f7c12aa6ac,169
202 DATA a7ed4222a6ac061d2174a67eed44572b,99
203 DATA 5e2bcd73a510f4c12aa4aca7ed4222a4,231
204 DATA ac061d213ba67eed445f237eed445723,3
205 DATA cd73a510f1c12aa6ac0922a6ac061e21,3
206 DATA 74a6562b7eed445f2bcd73a510f4e1c3,209
207 DATA 06a6cd292e116ea5c39e340000007f88,46
208 DATA e5c5e5e511aaacd56c2600cd292e11b5,200
209 DATA accd1534cd692ed1e32600cd292e11b0,181
210 DATA accd1534cd692eed5ba4ac19e3ed5ba6,158
211 DATA ac19d1cd3c18c1e1c93e02cd4bc1e521,107
212 DATA feb1a7200ccdddb11c2a5e1c322bd14,183
213 DATA 14cddabcaf32fbb11eab1e1c325bdcd,85
214 DATA 4bc2cddebbcd55ddd0cd4bc2c3e4bbcd,161
215 DATA fba5cd4c15ed53a4ac22a6acc9cd86ce,168
216 DATA d5cd55dddc86cec1f3d9cb91cbd9ed49,3
217 DATA d9fbc9f3d9cbdc1cb9918f3cd421ad0fe,217
218 DATA fcc0cd06a6cd43c418ded6baf6e0bd0c1,85
219 DATA eb212da6856f8cc3b9ddb4a4e0a4d2a5,163
220 DATA b3a34ba4aca501ff0dff1bfe28fc35f9,7
221 DATA 42f64ff35bee68e974e380dd8bd696ce,243
222 DATA a0c6abbab4b4beabc6a0ce96d68bdd7f,167
223 DATA e374e968ee5bf34ff642f935fc28fe1b,86
224 DATA ff0de511dba6eb0eddd1acd8affbe280c,123
225 DATA 7e231730fb0c7ea720efe1c923137ee6,27
226 DATA 7f471acd8affb82015be28f0eb237ecd,10
227 DATA 7bfff3809f1f1f179d1c1c383dfebd1d5,93
228 DATA 18cefedd3804fee33802a7c9333323f5,86
229 DATA e521dba6d6dd280ac5477e231730fb10,131
230 DATA f9c1cd1ae2c337e2424fd8434952434c,153
231 DATA c5434f4c4fd24d41474e4946d9504149,147
232 DATA 4ed45343524545ce00,22

```

Demo-Programm

```

1000 '
1010 'Initialisierung
1020 '
1030 CLEAR
1040 DEFINT f,m,n,r,x,y
1050 DEFSTR c
1060 FOR n=0 TO 5
1070 READ m
1080 INK n,m
1090 NEXT
1100 DATA 20,0,4,8,14,17
1110 BORDER 18
1120 COLOR 1
1130 '
1140 'Haupt-Schleife
1150 '
1160 FOR n=1 TO 6
1170 ON n GOSUB 1210,1360,1470,1620,1740,1990
1180 GOSUB 2380
1190 NEXT
1200 END
1210 '
1220 '**** BOX ****
1230 '
1240 cmd="BOX"
1250 GOSUB 2250
1260 MODE 1
1270 MOVE 320,200
1280 FOR m=0 TO 150 STEP 10
1290 mm=m*1.25
1300 BOX mm,m
1310 BOX-m,mm
1320 BOX-mm,-m
1330 BOX m,-mm
1340 NEXT
1350 RETURN
1360 '
1370 '**** CIRCLE ****
1380 '
1390 cmd="CIRCLE"

```

```

1400 GOSUB 2250
1410 MODE 1
1420 FOR m=0 TO 190 STEP 10
1430 MOVE 320,200
1440 CIRCLE m,190-m
1450 NEXT
1460 RETURN
1470 '
1480 '**** COLOR ****
1490 '
1500 cmd="COLOR"
1510 GOSUB 2250
1520 MODE 1
1530 TAG
1540 FOR m=0 TO 3
1550 MOVE 10+m*25,250-m*20
1560 COLOR m+2,m
1570 PRINT"Graphic Pen:"(m+2)AND 3;
1580 PRINT"/ Graphic Paper:"m;
1590 NEXT
1600 TAGOFF
1610 RETURN
1620 '
1630 '**** MAGNIFY ****
1640 '
1650 cmd="MAGNIFY"
1660 GOSUB 2250
1670 MODE 0
1680 FOR m=0 TO 5
1690 COLOR 12-m
1700 MOVE 4+m*4,280-m*2
1710 MAGNIFY"CPC 464",11,20
1720 NEXT
1730 RETURN
1740 '
1750 '**** PAINT ****
1760 '
1770 cmd="PAINT"
1780 GOSUB 2250
1790 MODE 0
1800 FOR m=50 TO 350 STEP 100
1810 MOVE 0,m
1820 GOSUB 1910
1830 NEXT
1840 :
1850 FOR m=0 TO 3
1860 MOVE 320,m*100
1870 PAINT 2+m
1880 NEXT
1890 RETURN
1900 :
1910 y=0
1920 FOR x=8 TO 640 STEP 8
1930 r=INT(RND*11)-5
1940 y=y+r
1950 IF ABS(y)>39 THEN y=y-r
1960 DRAW x,m+y,1
1970 NEXT
1980 RETURN
1990 '
2000 '**** SCREEN ****
2010 '
2020 cmd="SCREEN"
2030 GOSUB 2250
2040 MODE 1
2050 SCREEN 0
2060 TAG
2070 COLOR 1,0
2080 MOVE 40,40
2090 DRAW 560,0,1
2100 FOR x=1 TO 10
2110 MOVE x*56-10,30
2120 PRINT USING"##";x;
2130 FOR y=0 TO INT(RND*300)STEP 2
2140 MOVE x*56-16,50+y
2150 DRAW 40,0,2

```

```

2160 DRAWR 8,8,3
2170 NEXT
2180 FOR m=XPOS-8 TO XPOS-48 STEP-1
2190 MOVE m,50+y
2200 DRAWR 8,8,1
2210 NEXT m,x
2220 TAGOFF
2230 SCREEN 1
2240 RETURN
2250 '
2260 'Vorankuendigung
2270 '
2280 MODE 0
2290 LOCATE 2,11
2300 PRINT"Ein Beispiel fuer:"
2310 LOCATE 9-LEN(cmd)/2,13
2320 PAPER 4
2330 PRINT CHR$(24) " "cmd" "CHR$(24)
2340 PAPER 0

```

```

2350 FOR m=1 TO 1500
2360 IF INKEY$="" THEN NEXT
2370 RETURN
2380 '
2390 'Bildschirm loeschen
2400 '
2410 PRINT CHR$(7);
2420 FOR m=1 TO 4000
2430 IF INKEY$="" THEN NEXT
2440 x=10+flag
2450 y=flag-25*(flag=0)
2460 flag=flag XOR 1
2470 :
2480 LOCATE 1,y
2490 FOR m=1 TO 25
2500 PRINT CHR$(x);
2510 CALL &BD19
2520 NEXT
2530 RETURN

```