

1. mit geometry eintrag: heads 255, sectors 63 und dann analyse

```
C:\Temp\testdisk-6.6-WIP\win\testdisk_win.exe
TestDisk 6.6-WIP, Data Recovery Utility, December 2006
Christophe GRENIER <grenier@cgsecurity.org>
http://www.cgsecurity.org

Disk /dev/sda - 250 GB / 232 GiB - CHS 30401 255 63
Current partition structure:
Partition      Start      End      Size in sectors
Warning: Incorrect number of heads/cylinder 1 <NTFS> != 255 <HD>
Warning: Incorrect number of sectors per track 15 <NTFS> != 63 <HD>
1 * HPFS - NTFS      0      16 6373 254 18 102398250 [Disk C]

Bad relative sector.
Warning: Incorrect number of heads/cylinder 1 <NTFS> != 255 <HD>
Warning: Incorrect number of sectors per track 15 <NTFS> != 63 <HD>
2 P HPFS - NTFS     6374      1 1 17907 254 63 185293647 [Disk D]

*=Primary bootable P=Primary L=Logical E=Extended D=Deleted
[Proceed ] [ Backup ]
Try to locate partition
```

2. nach „proceed“

```
C:\Temp\testdisk-6.6-WIP\win\testdisk_win.exe
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Disk /dev/sda - 250 GB / 232 GiB - CHS 30401 255 63
The harddisk <250 GB / 232 GiB> seems too small! (< 2757542 TB / 2507969 TiB)
Check the harddisk size: HD jumpers settings, BIOS detection...

The following partition can't be recovered:
Partition      Start      End      Size in sectors
D HFS          460      1 1 244606316 148 51 3992977408

[ Continue ]

HFS+, 2757542 TB / 2507969 TiB
```

3. nach continue

```
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Disk /dev/sda - 250 GB / 232 GiB - CHS 30401 255 63
Partition      Start      End      Size in sectors
L HPFS - NTFS   6374      1 1 17907 254 63 185293647 [Disk D]
* HPFS - NTFS   17908      0 1 24281 254 63 102398310 [Disk C]

Structure: Ok. Use Up/Down Arrow keys to select partition.
Use Left/Right Arrow keys to CHANGE partition characteristics:
*=Primary bootable P=Primary L=Logical E=Extended D=Deleted
Keys A: add partition, L: load backup, T: change type, P: list files,
Enter: to continue_
NTFS, 94 GB / 88 GiB
```

4. nach ENTER

```
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Disk /dev/sda - 250 GB / 232 GiB - CHS 30401 255 63
Partition      Start      End      Size in sectors
1 E extended LBA 6374      0 1 17907 254 63 185293710
2 * HPFS - NTFS  17908      0 1 24281 254 63 102398310 [Disk C]
5 L HPFS - NTFS  6374      1 1 17907 254 63 185293647 [Disk D]

[ Quit ] [ Search! ] [ Write ] [ Extd Part ]
Return to main menu
```

5. nun Search! Gestartet und kurz vom schluss

```
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Disk /dev/sda - 250 GB / 232 GiB - CHS 30401 255 63
Analyse cylinder 29836/30400: 98%_

HFS          460    1  1 244606316 148 51 3992977408
HPFS - NTFS    0    1  1  6373 254 63 102398247
Warning: Incorrect number of heads/cylinder 1 <NTFS> != 255 <HD>
Warning: Incorrect number of sectors per track 15 <NTFS> != 63 <HD>
HPFS - NTFS  6374    1  1 17907 254 63 185293647 [Disk D1]
HPFS - NTFS  6374    1  1 16707 254 63 166015647 [Disk D1]
Warning: Incorrect number of heads/cylinder 1 <NTFS> != 255 <HD>
Warning: Incorrect number of sectors per track 15 <NTFS> != 63 <HD>
HPFS - NTFS  6374    1  1 17907 254 63 185293647 [Disk D1]
Warning: Incorrect number of heads/cylinder 1 <NTFS> != 255 <HD>
Warning: Incorrect number of sectors per track 15 <NTFS> != 63 <HD>
HPFS - NTFS 17908    0  1 24281 253 63 102398247 [Disk C1]

Stop
```

6. nach Search! Ende

```
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Disk /dev/sda - 250 GB / 232 GiB - CHS 30401 255 63

The harddisk <250 GB / 232 GiB> seems too small! << 2757542 TB / 2507969 TiB>
Check the harddisk size: HD jumpers settings, BIOS detection...

The following partition can't be recovered:
  Partition      Start      End      Size in sectors
D HFS          460    1  1 244606316 148 51 3992977408

[ Continue ]

HFS+, 2757542 TB / 2507969 TiB
```

7. nach Continue

```
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Disk /dev/sda - 250 GB / 232 GiB - CHS 30401 255 63
Partition      Start      End      Size in sectors
* HPFS - NTFS   0 1 6373 254 63 102398247
D HPFS - NTFS   6374 1 1 16707 254 63 166015647 [Disk D1]
D HPFS - NTFS   6374 1 1 17907 254 63 185293647 [Disk D1]
D HPFS - NTFS   17908 0 1 24281 254 63 102398310 [Disk C1]
D HPFS - NTFS   17908 0 1 30400 254 63 200700045 [Disk C1]

Structure: Ok. Use Up/Down Arrow keys to select partition.
Use Left/Right Arrow keys to CHANGE partition characteristics:
*=Primary bootable P=Primary L=Logical E=Extended D=Deleted
Keys A: add partition, L: load backup, T: change type, P: list files,
Enter: to continue_
NTFS found using backup sector!, 52 GB / 48 GiB
```