

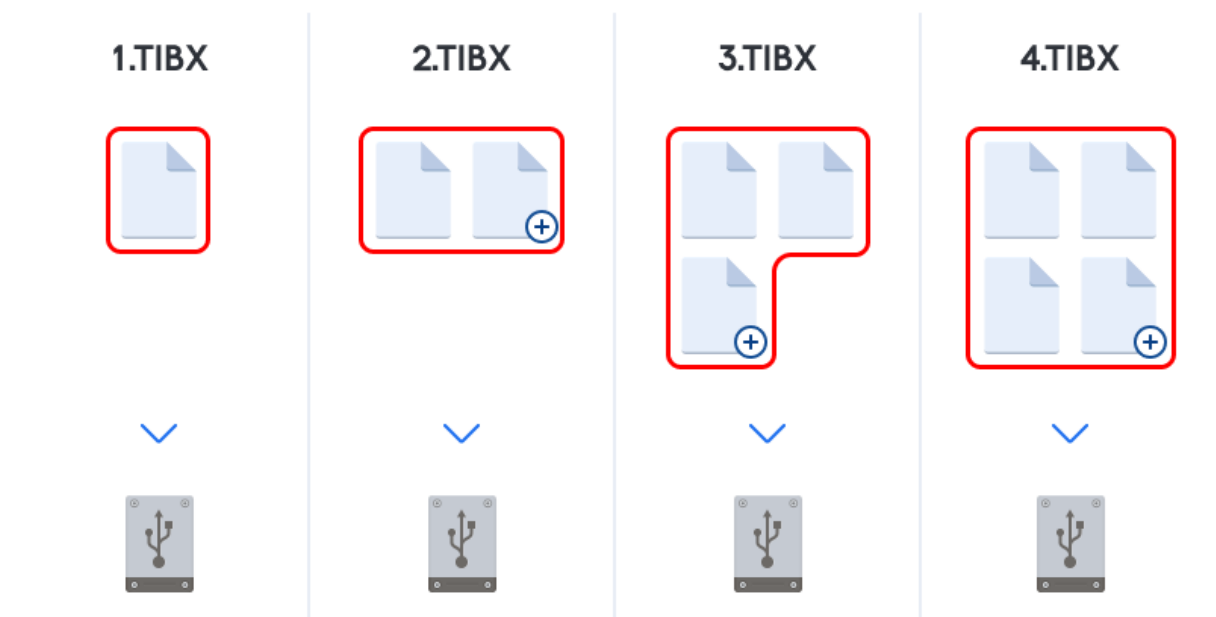
# Full, incremental and differential backups

## Full method

The result of a full method backup operation (also known as full backup version) contains all of the data at the moment of the backup creation.

Example: Every day, you write one page of your document and back it up using the full method. Acronis True Image saves the entire document every time you run backup.

1.tibx, 2.tibx, 3.tibx, 4.tibx—files of full backup versions.



## Additional information

A full backup version forms a base for further incremental or differential backups. It can also be used as a standalone backup. A standalone full backup might be an optimal solution if you often roll back the system to its initial state or if you do not like to manage multiple backup versions.

Herstel: in het bovenstaande voorbeeld, om al het werk van het 4.tibx-bestand te herstellen, hebt u slechts één back-upversie nodig: 4.tibx.

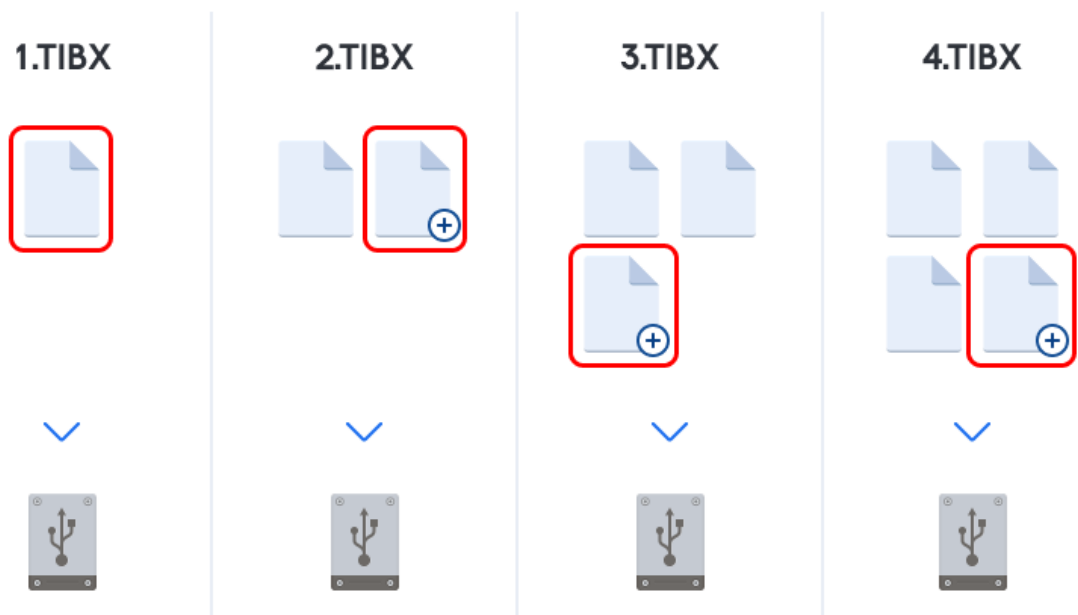
## ***Incremental method***

The result of an incremental method backup operation (also known as incremental backup version) contains only those files which have been changed since the LAST BACKUP.

Example: Every day, you write one page of your document and back it up using the incremental method. Acronis True Image saves the new page every time you run backup.

Note: The first backup version you create always uses full method.

- 1.tibx—file of full backup version.
- 2.tibx, 3.tibx, 4.tibx—files of incremental backup versions.



### Additional information

Incremental method is the most useful when you need frequent backup versions and the ability to roll back to a specific point in time. As a rule, incremental backup versions are considerably smaller than full or differential versions. On the other hand, incremental versions require more work for the program to provide recovery.

Herstel: in het bovenstaande voorbeeld heeft u alle back-upversies nodig: 1.tibx, 2.tibx, 3.tibx en 4.tibx om al het werk uit het 4.tibx-bestand te herstellen. Daarom zijn alle latere incrementele versies onbruikbaar als u een incrementele back-upversie verliest of deze beschadigd raakt.

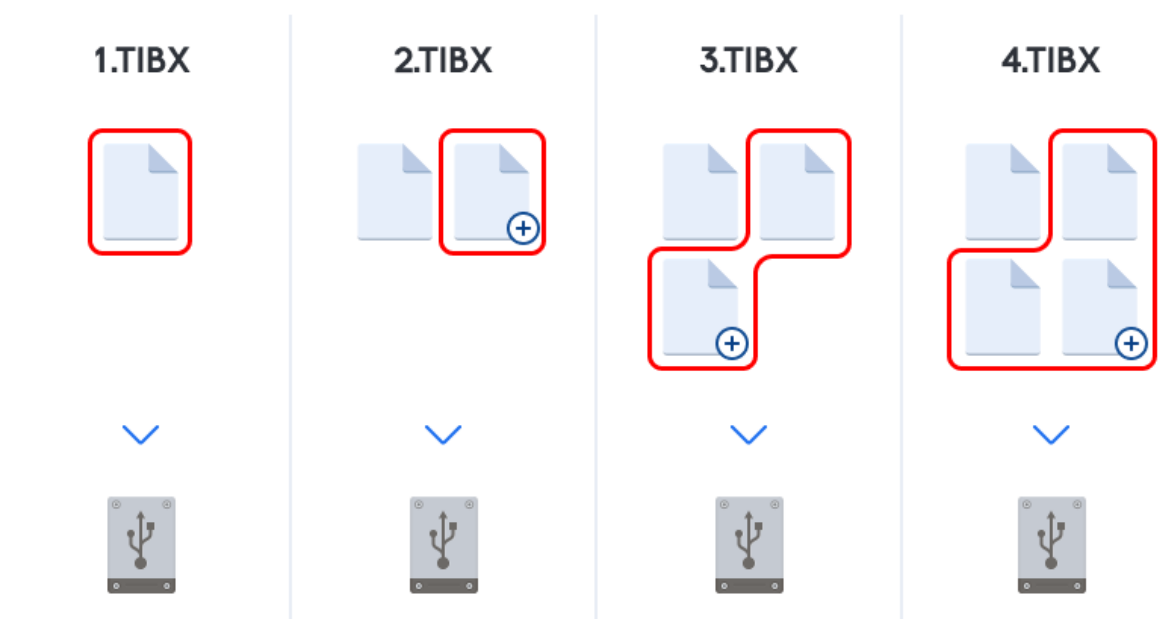
## ***Differential method***

The result of a differential method backup operation (also known as differential backup version) contains only those files which have been changed since the LAST FULL BACKUP.

Example: Every day, you write one page of your document and back it up using the differential method. Acronis True Image saves the entire document except the first page stored in the full backup version.

Note: The first backup version you create always uses full method.

- 1.tibx—file of full backup version.
- 2.tibx, 3.tibx, 4.tibx—files of differential backup versions.



### Additional information

Differential method is an intermediate between the first two approaches. It takes less time and space than "Full", but more than "Incremental". To recover data from a differential backup version, Acronis True Image needs only the differential version and the last full version. Therefore, recovery from a differential version is simpler and more reliable than recovery from an incremental one.

**Herstel:** in het bovenstaande voorbeeld heeft u twee back-upversies nodig: 1.tibx en 4.tibx om al het werk van het 4.tibx-bestand te herstellen.