

```
{
  "_id" : <ObjectId>,
  "files_id" : <ObjectId>,
  "n" : <num>,
  "data" : <binary>
}
```

A document from the `chunks` collection contains the following fields:

`chunks._id`

The unique *ObjectId* of the chunk.

`chunks.files_id`

The `_id` of the “parent” document, as specified in the `files` collection.

`chunks.n`

The sequence number of the chunk. GridFS numbers all chunks, starting with 0.

`chunks.data`

The chunk’s payload as a *BSON* binary type.

The `chunks` collection uses a *compound index* on `files_id` and `n`, as described in [GridFS Index](#) (page 151).

The files Collection

Each document in the `files` collection represents a file in the *GridFS* store. Consider the following prototype of a document in the `files` collection:

```
{
  "_id" : <ObjectId>,
  "length" : <num>,
  "chunkSize" : <num>,
  "uploadDate" : <timestamp>,
  "md5" : <hash>,

  "filename" : <string>,
  "contentType" : <string>,
  "aliases" : <string array>,
  "metadata" : <dataObject>,
}
```

Documents in the `files` collection contain some or all of the following fields. Applications may create additional arbitrary fields:

`files._id`

The unique ID for this document. The `_id` is of the data type you chose for the original document. The default type for MongoDB documents is *BSON ObjectId*.

`files.length`

The size of the document in bytes.

`files.chunkSize`

The size of each chunk. GridFS divides the document into chunks of the size specified here. The default size is 255 kilobytes.

Changed in version 2.4.10: The default chunk size changed from 256k to 255k.

`files.uploadDate`

The date the document was first stored by GridFS. This value has the `Date` type.