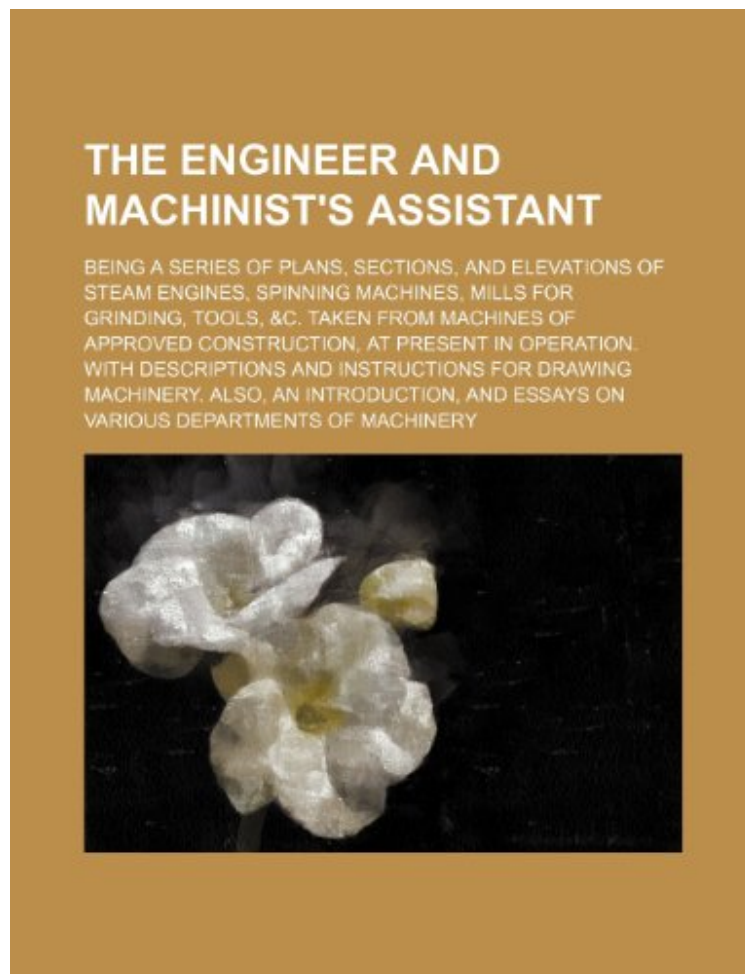


[Ebook pdf] The engineer and machinist's assistant; being a series of plans, sections, and elevations of steam engines, spinning machines, mills for grinding, ... in operation. With descriptions and inst

## **The engineer and machinist's assistant; being a series of plans, sections, and elevations of steam engines, spinning machines, mills for grinding, ... in operation. With descriptions and inst**

*Books Group*

*ePub | \*DOC | audiobook | ebooks | Download PDF*



 [Download](#)

 [Read Online](#)

2012-05-14Original language:EnglishPDF # 1 9.69 x .72 x 7.44l, 1.36 #File Name: 1232388491346 pages |  
File size: 66.Mb

**Books Group : The engineer and machinist's assistant; being a series of plans, sections, and elevations of steam engines, spinning machines, mills for grinding, ... in operation. With descriptions and inst** before purchasing it in order to gage whether or not it would be worth my time, and all praised The engineer and machinist's assistant; being a series of plans, sections, and elevations of steam engines, spinning machines, mills for grinding, ... in operation. With descriptions and inst:

This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1847 Excerpt: ... carriage of the rest is composed of three principal parts; the first DD, which rests upon the saddle, and is susceptible of different positions; the second E is a plate moveable upon the preceding, and the third F which carries the tool. The base or carriage is of cast iron, planed and finished by scraping not only on the two horizontal faces, but also on the two upper lateral edges, which are angular like those of the lathe-bed, so as to receive the slides ee fitted on each side of the rectangular plate E. A screw-bolt d, the square head of which is lodged in a gap sunk in the saddle CC, serves to adjust the carriage DD upon the saddleplate, and this adjustment obviously depends upon the diameter of the piece to be turned. The rectangular plate E is rendered moveable in the direction of the length of the carriage DD by means of an endless screw f, which is entirely sunk in its thickness, and receives a rotatory motion either from the handle g or from the lathe itself. This endless screw works in a brass nut fitted under the plate E, and being deprived of endlong motion, it necessarily follows that in its rotation it imparts a forward and backward motion to the nut, and consequently the toolcarrier. The part F, which may properly be designated the toolcarrier, is susceptible of another movement--that is, in a direction exactly at right angles to that just described--by means of a second endless screw smaller than the former; this is intended to be worked only by the handle k, and that in the event of its being necessary to regulate in an exact manner the position of the tool with regard to the piece upon which it is to operate. This endless screw works in a brass nut attached to the plate E, and consequently imparts a forward and backward motion to the too...