



## Henley s Encyclopaedia of Practical Engineering and Allied Trades Volume 1-2; A Practical and Indispensable Work of Reference for the Mechanical Engineer, Designer, Draftsman, Shop Superintendent, Foreman and Machinist .

By Joseph Gregory Horner

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.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. 1906 Excerpt: .slide has a tilting portion (shown elevated to an angle in the illustration), providing for the various bevels of wheels. Provision is given for varying feeds to suit the cut, and metal. The leading types of gear-cutters will be illustrated in these volumes. The following remarks indicate the broad lines along which the development of the automatic machines has taken place. There are many machines which are so far automatic in character that the whole of the flanks facing in one direction are produced without attendance, in others, both flanks are done. The gears which lend themselves best to fully automatic work are the spurs, because the flanks of the teeth are parallel, and opposite flanks are therefore produced at once by a cutter which is an exact counterpart of their shapes. The only special mechanism then required is that for automatic pitching, locking, and release....



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