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## Isometric Grip Strength Distribution of a Turkish Sample

By Silahli, Baykar

Book Condition: New. Publisher/Verlag: Dictus Publishing | as a Function of Posture and Support | In physical work activities, a worker's capacity to perform mechanical work is partly determined by his/her capability to apply muscular strength. Especially in hand intensive jobs, to prevent fatigue and musculoskeletal disorders; to maximize quality, productivity and comfort; and minimize associated costs, strength capabilities of workers should be determined in order to match them with job strength demands. By using grip strength data, it can be ensured that the majority of workforce is capable to perform a given task, and the percentage of strength required by a repetitive task can be assessed so that fatigue is avoided. The main objectives of this study are to estimate the maximum voluntary isometric (static) grip strength distribution of Turkish people related to gender, age, occupation, and body characteristics and to investigate the effects of body posture and hand support on grip strength. | Format: Paperback | Language/Sprache: english | 84 pp.



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