

Name:

Elbow

Muscle Strength Testing Results



	Position	HHD placement	L	R	Normal	% BW	# of tests
Extension	90° flexion	Dorsal wrist			28.9 Lb 13.1 Kg	20.2	2575
Flexion	90° flexion	Palmar wrist			39.2 Lb 17.8 Kg	26.3	2725

References

- McKay, M., Baldwin, J., Ferreira, P., Simic, M., & Vanicek, J. (2016). *Normative reference values for strength and flexibility of 1,000 children and adults*.
- Daloia, L. M. T., Leonardi-Figueiredo, M. M., Martinez, E. Z., & Mattiello-Sverzut, A. C. (2018). Isometric muscle strength in children and adolescents using Handheld dynamometry: reliability and normative data for the Brazilian population. *Brazilian Journal of Physical Therapy*, 22(6), 474–483. <https://doi.org/10.1016/j.bjpt.2018.04.006>
- Douma, R. K. W., Soer, R., Krijnen, W. P., Reneman, M., & van der Schans, C. P. (2014). Reference values for isometric muscle force among workers for the Netherlands: A comparison of reference values. *BMC Sports Science, Medicine and Rehabilitation*, 6(1). <https://doi.org/10.1186/2052-1847-6-10>
- Wikholm, J. B., & Bohannon, R. W. (1991). *Hand-held Dynamometer Measurements: Tester Strength*. www.jospt.org
- Kim, S.-G., Lim, D.-H., & Cho, Y. H. (n.d.). *Analysis of the reliability of the make test in young adults by using a hand-held dynamometer*.

Full reference list at PeakForceSystems.com/education