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Nathan Kahl*, Seton Hall University, Dept. of Mathematics and Computer Science, 400 S. Orange Ave., South Orange, NJ 07079, and **Douglas Bauer, Edward Schmeichel** and **Michael Yatauro**. *Toughness and Binding Number*.

Let $\tau(G)$ and $\text{bind}(G)$ be the toughness and binding number, respectively, of a graph G . In the paper introducing binding number Woodall determined that $\tau(G) \geq \text{bind}(G) - 1$, noting that this was not best possible. In this paper we obtain best possible improvements of this inequality. (Received September 03, 2012)