For a linear algebraic group $G$, the twisted gamma-filtration provides a tool for constructing torsion elements in the gamma-filtration on the Grothendieck group of a projective $G$-homogeneous variety. The existence and behaviour of such an element is primarily determined by the indices of the Tits algebras of $G$. In this talk, we provide a torsion element for groups of inner type $D_n$, and discuss the relationship to algebras with orthogonal involution.