Method for obtaining diamond-bearing tool composite based on polymeric metallocenes includes the introduction of a basic binder and a functional filler - an abrasive and multicomponent dispersed oxide powders in the ZnO-$A1_2O_3$-Fe_2O_3(FeO) system, to modify the basic binder, in the following ratio, wt. %: abrasive - 10-30, polymer - 45-75, dispersed oxide powders - 15-25. Wherein, a mesh polymer with embedded metallocene fragments is used as the main binder, and the preparation of this binder includes two stages, namely: at the first stage, the synthesis of metallocene-containing oligomers with glycidyl and unsaturated functional groups, and at the second stage, the synthesis of mesh polymers with a given content of metallocene fragments.