

Casting mold for experimental samples of polymer separators for frame-type rolling bearings design comprises a fixed plate, movable die plates with holes for injecting polymer melt, the number of which equals the number of cavities for the separator bridges, annular grooves in the movable and fixed plates for forming the separator rings, an ejection system with ejectors under the separator bridges, and window framing profiles. Window framing profiles are fixed and secured by axial displacement locks.