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FIELD: pumps manufacture. SUBSTANCE: invention may be used in manufacture of working members (stages) of submersible centrifugal and inclined rotor pumps designed for pumping-out of aggressive formation water (particularly, after acid treatment of wells) with high concentration of abrasive particle. Pump stage has guide apparatus and impeller. In case of single-support structure, it also includes shaft protection sleeve. Pump stage is manufactured from powder material of the following composition, %: C, 0.-1.5; Ni, 0.5-15.0; Mo, 0-2.5; Cu, 10.0-20.0; Fe, the balance. In this case, copper is introduced into composition of steel by method of impregnation. EFFECT: manufacture of pumps possessing high stability under conditions of corrosion-mechanical wear. 1 tbl