

TAP HOLDER

Abstract

It is an object of the invention to provide a tap holder in which even when an error is brought about in synchronizing spindle feeding and rotation of a taper body and a tap collet of a tap holder in correspondence with a machine tool spindle, the spindle feeding and rotation can be synchronized by absorbing the error by a simple constitution. As means therefor, a tap holder 10 including a tap collet 50 for chucking a tap 40 at one end thereof, a taper body 20 formed with an attaching hollow portion 26 for inserting other end 52 of the tap collet 50, and a fastening nut 70 for pressing the tap collet 50 to the attaching hollow portion 26 to be fixed to the taper body 20 by being screwed with the taper body 20 and engaged with one end side end face 54 of the tap collet 50, and attached to a machine tool having a tap synchronizingly feeding mechanism is characterized in that the tap collet 50 is squeezed by a bottom face 26a of the attaching recessed portion and the fastening nut 70 by way of elastic members 58 and 78 in an axial direction X.

Figure 1