

HARD DISK BURNISHING HEAD

Abstract

The burnishing head (10) for hard disk processing includes a solid body (12) having generally rectangular surfaces, including an upper surface (14), a burnishing pad surface (18), a front surface (22), a rear surface (26) and two side surfaces (28). Burnishing pads (20) are disposed upon the burnishing pad surface (18). Each pad (20) has a burnishing edge (40) that is generally parallel to said front surface (22). Preferably, one frontward leading pad (44) is centrally disposed, followed by two middle pads (46, 54). A single centrally disposed rear middle pad (58) is formed behind the two middle pads (46, 54). Two rear pads (60, 62) are disposed at the rear surface (26). The pads (20) are generally triangular in shape and the outer surface of the leading and rearward pads is tapered. The method for manufacturing the burnishing head (10), includes the steps of making a series of parallel cuts in a surface of a solid body of material. The burnishing pads (20) result from material that remains following the cuts.

Fig 2