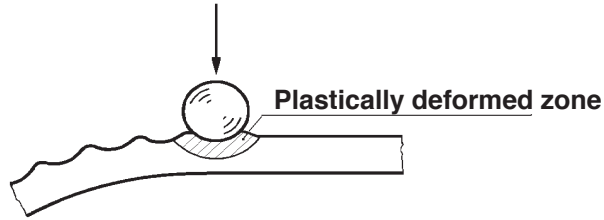


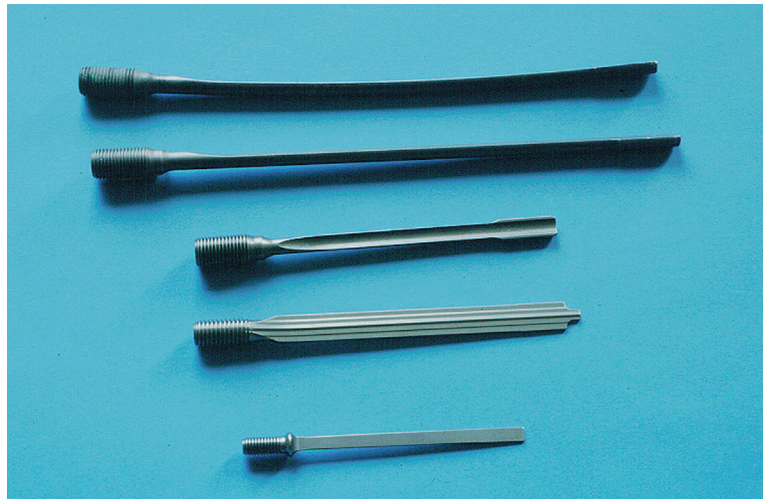
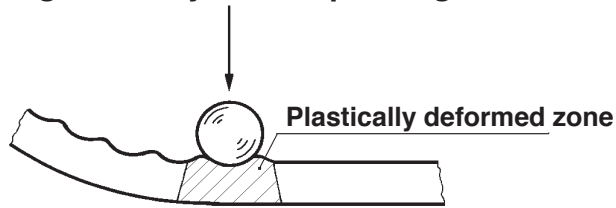


Shot peening to form and straighten

Low velocity of shot peening media



High velocity of shot peening media



Air foils, wing surfaces, panels, sheets and other parts with relatively thin cross section, such as hardened rams, internal geared rings, etc., may be formed or straightened by shot peening within the elastic range of the material. If these parts are shot peened only on one side or selectively a convex curvature will be induced on the shot peened side.

The advantages of this process are: no tooling, no development time, no heat treatment and no residual tensile stress in the surface layer.