

**British Unified Machine Screws and Nuts.** — British Standard B.S. 1981:1953 covers certain types of machine screws and machine screw nuts for which agreement has been reached with the United States and Canada as to general dimensions for interchangeability. These types are: countersunk, raised-countersunk, pan, and raised-cheese head screws with slotted or recessed heads; small hexagon head screws; and precision and pressed nuts. All have Unified threads. Head shapes are shown on page 1072 and dimensions are given on page 1073.

*Identification:* As revised by Amendment No. 1 in February 1955, this standard now requires that the above-mentioned screws and nuts which conform to this standard should have a distinguishing feature applied to identify them as Unified. All *recessed head screws* are to be identified as Unified by a groove in the form of four arcs of a circle in the upper surface of the head. All *hexagon head screws* are to be identified as Unified by: (1) a circular recess in the upper surface of the head; or



RECESSED AND HEXAGON HEAD SCREWS



PRECISION TYPE

PRESSED TYPE

HEXAGON MACHINE SCREW NUTS



SLOTTED HEAD SCREWS

### Identification Markings for British Standard Unified Machine Screws

(2) a continuous line of circles indented on one or more of the flats of the hexagon and parallel to the screw axis; or (3) at least two contiguous circles indented on the upper surface of the head. All *machine screw nuts* of the pressed type shall be identified as Unified by means of the application of a groove indented in one face of the nut approximately midway between the major diameter of the thread and flats of the square or hexagon. *Slotted head screws* shall be identified as Unified either by a circular recess or by a circular platform or raised portion on the upper surface of the head. *Machine screw nuts* of the *precision type* shall be identified as Unified by either a groove indented on one face of the front approximately midway between the major diameter of the thread and the flats of the hexagon or a continuous line of circles indented on one or more of the flats of the hexagon and parallel to the nut axis.

**British Machine Screws.** — British Standard B.S. 450:1958 covers machine screws with British Standard Whitworth and British Standard Fine threads. In this revised form, it has been extended to cover all of the various heads in common use in both slotted and recessed form. Head shapes are shown on page 1072 and dimensions on page 1074. This standard provides for machine screws with B.S.W. and B.S.F. threads which may be required during the transition period preceding general adoption of Unified machine screws and machine screw nuts covered by B.S. 1981.