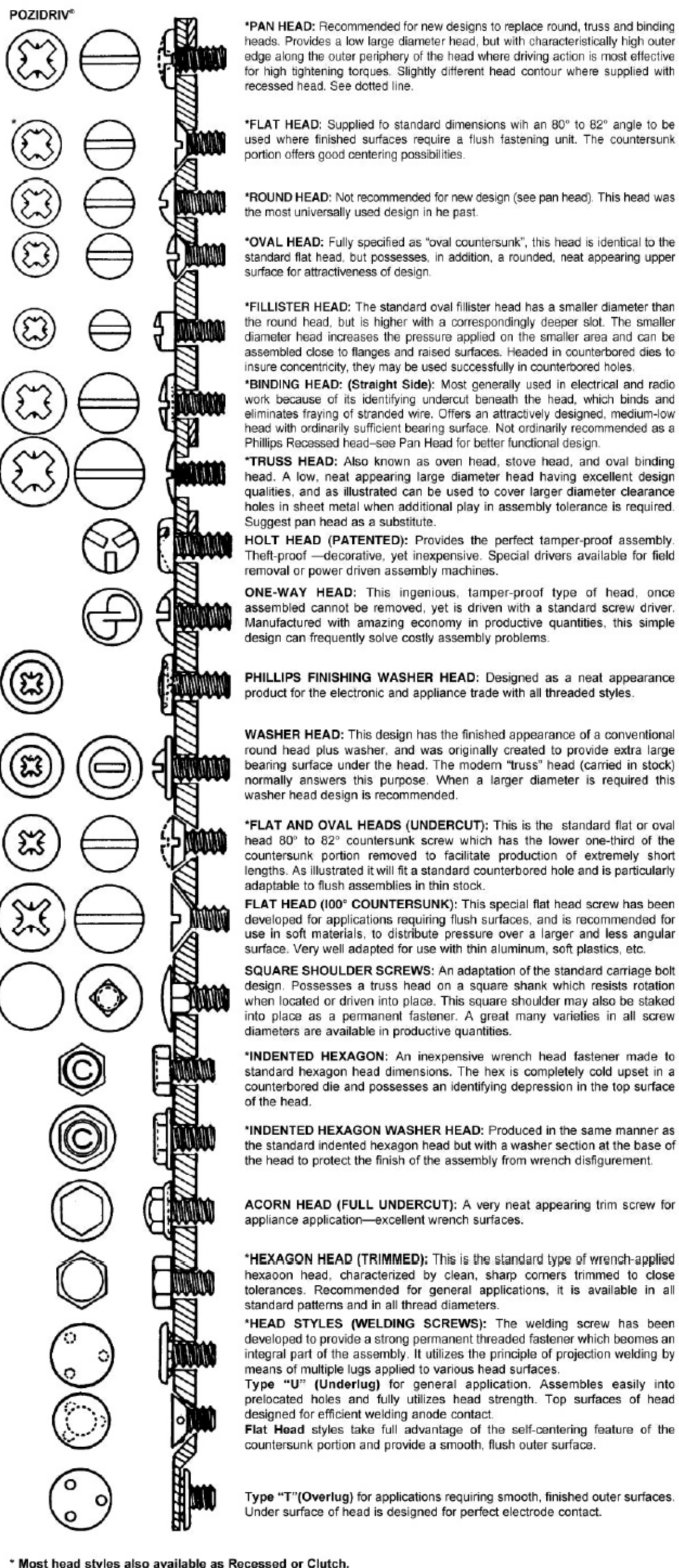
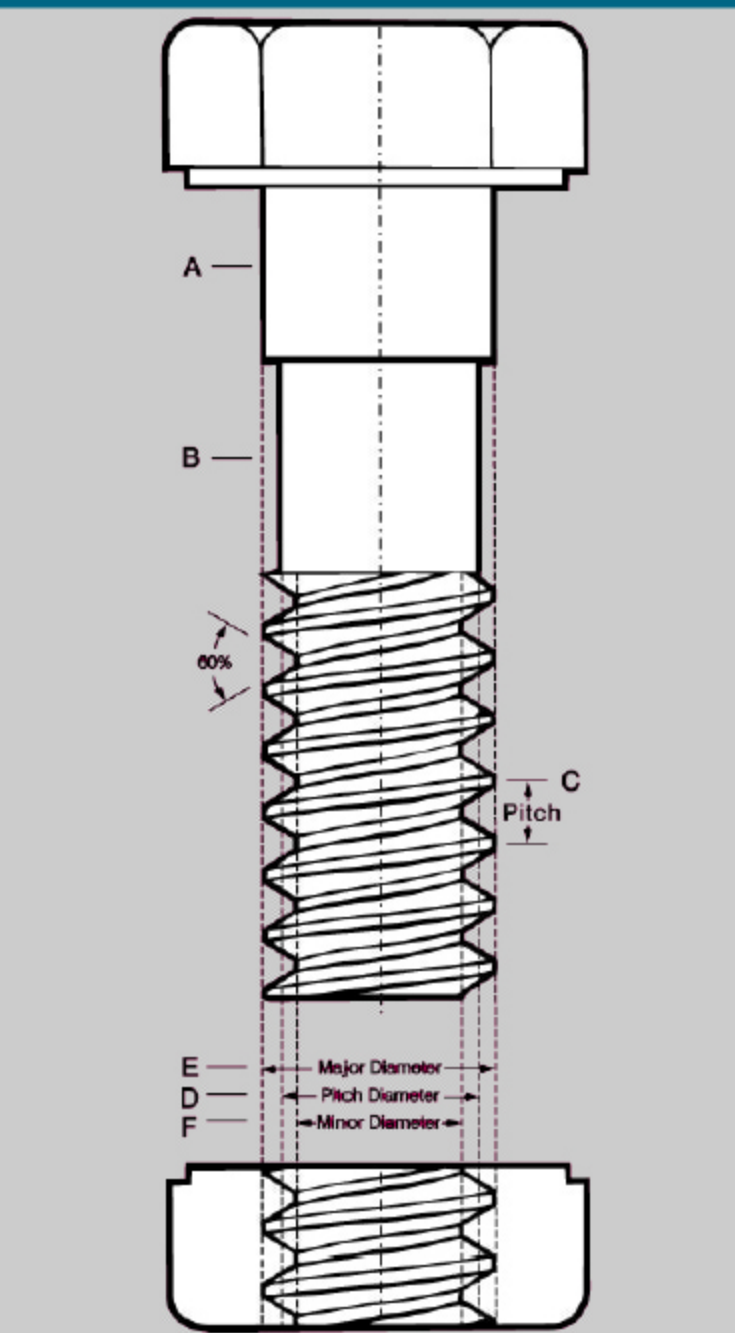


# FASTENER REFERENCE GUIDE

## TYPES OF BOLT AND SCREW HEADS



## THREAD TERMINOLOGY



Classes of thread are distinguished from each other by the amounts of tolerance and allowance specified. External threads or bolts are designated with the suffix "A"; internal or nut threads with "B".

**CLASSES 1A and 1B:** For work of rough commercial quality where loose fit for spin-on-assembly is desirable.

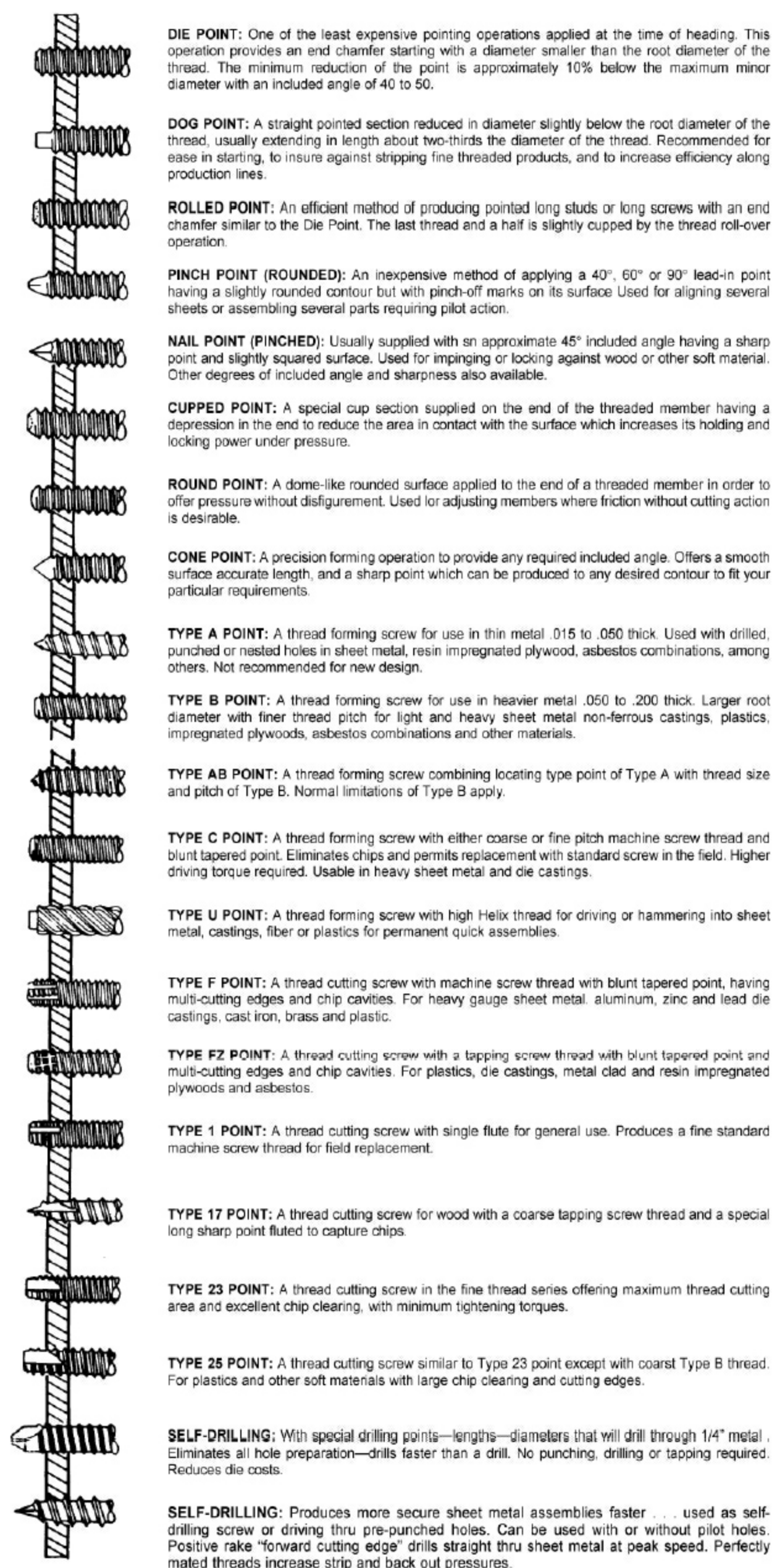
**CLASSES 2A and 2B:** The recognized standard for normal production of the great bulk of commercial bolts, nuts and screws.

**CLASSES 3A and 3B:** Used where a closed fit between mating parts for high quality work is required.

**CLASS 4:** A theoretical rather than practical class, now obsolete.

**CLASS 5:** For a wrench fit. Used principally for studs and their mating tapped holes. A force fit requiring the application of high torque for semi-permanent assembly.

## TYPES OF SCREW POINTS



A handy reference guide for common wood screws, sheet metal screws, machine screws and bolts, nuts and washers.

BOLTS							
THE ABOVE BOLTS WHEN FURNISHED WITHOUT NUTS MAY BE REFERRED TO AS SCREWS							
NUTS							

WASHERS				
MISC				
