

AI Mode conversation: socket kit SOCKET SET 24 PES BI-HEX 6PT
socket kit SOCKET SET 24 PES BI-HEX 6PT

A 24-piece socket set typically includes **18 standard metric sockets** ranging from 8mm to 32mm, a reversible ratchet handle, extension bars, a sliding T-handle, a universal joint, and a spark plug socket. When searching for a "Bi-Hex" (12-point) or "6PT" (6-point) kit, you are looking at two distinct socket profiles designed for different mechanical tasks. [[1](#), [2](#), [3](#), [4](#), [5](#)]

Core Differences: Bi-Hex (12-Point) vs. 6PT (6-Point)

- **6PT (6-Point) Sockets:** Best for **heavy-duty, high-torque work**. They contact all six flat sides of a hex nut, making them much less likely to slip or round off stubborn, rusted fasteners.
 - **Bi-Hex (12-Point) Sockets:** Best for **quick alignment and tight spaces**. They can slip onto a bolt in twice as many angles (every 30 degrees), making them ideal for areas where swing room is limited. However, they are more prone to rounding off corners under extreme torque.
-