

COMMON SCREW DRIVE SHAPES



| NAME | DESCRIPTION | COMMON USES | IMAGE |
|---------------------------------|--|--|-------|
| Combination Slotted/Phillips | Features a full slot and a Phillips recess, allowing it to be installed with either respective drive tool | In any setting where either a slotted or Phillips drive is appropriate or where the choice is convenient | |
| Hex | Six-sided protruding head, common in bolts | Widely used in many applications, including in construction and machinery | |
| External Slotted | Slot within a protruding hex | A wide range of light-duty and existing applications | |
| External Square | Four-sided protruding head with no internal drive | Where frequent manual adjustments are required – the square head is easy to grip with wrenches | |
| Hex Socket | Internal six-sided recess that requires a hex key for installation | Industrial and electronic applications – somewhat tamper resistant as they are less common | |
| Hex Socket with Pin | Internal hex recess with a protruding pin in the middle; tamper resistant | When some degree of security is necessary, like public property or items that may pose a risk if loosened | |
| One Way | Unique, curved shape with a slot extending one way | Where some degree of security is necessary – slotted screwdrivers will install it but it needs special removal tools | |
| Phillips | A rounded cross-shaped recess | A wide range of applications where installation slippage is a particular concern | |
| Phillips Square Drive with ACR® | A standard Phillips drive but with additional cam-out ribs on the opposite ends of the cross (these mate with respective bits to provide extra grip) | Applications that require additional installation grip with no increased force from the installer | |
| 6-Lobe | A six-pointed star recess | Where cam-out resistance during installation is especially necessary | |
| 6-Lobe with Pin | A standard 6-lobe recess with an additional pin protruding from the middle of the recess | Where a degree of tamper resistance and cam-out resistance is necessary | |
| Slotted | A single slot across the entire screw head | In a wide range of light-duty applications that require easy-to-find installation tools | |
| Square | A square-shaped recess | General applications that require additional cam-out resistance | |
| U-Drive | A smooth, rounded head | Where aesthetic finishes and a degree of tamper resistance is needed | |