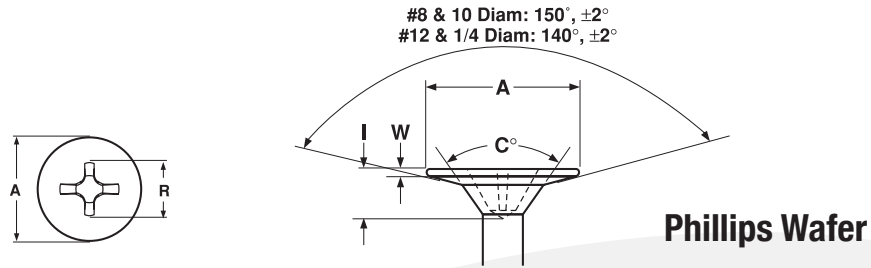


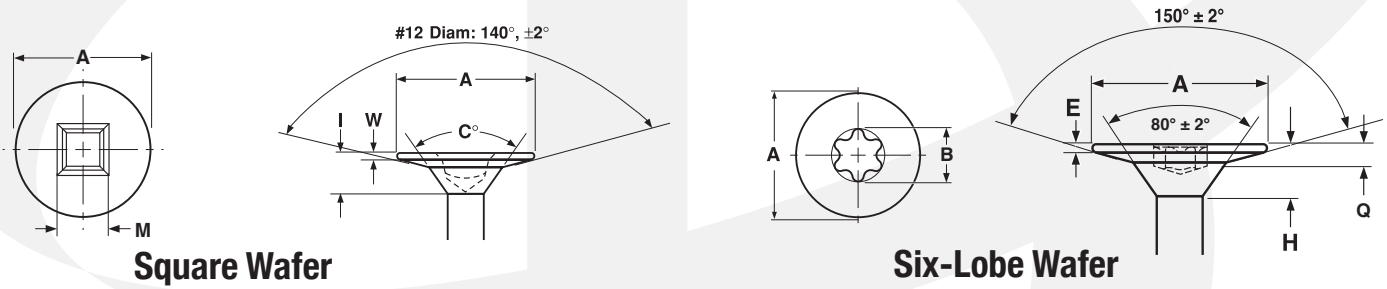
SELF- TAPPING SCREWS

HEAD DIMENSIONS Wafer: Phillips, Square & Six-Lobe Recess



| WAFER PHILLIPS HEAD FOR SELF-DRILLING SCREWS | | | | | | | | | |
|--|---------------|------|-----------------|------|--------------|-----------------|------|--------------------------|----------------------|
| Nominal Size | A | | R | | I | W | | Bottom Countersink Angle | Phillips Driver Size |
| | Head Diameter | | Recess Diameter | | Recess Depth | Wafer Thickness | | | |
| | Max. | Min. | Max | Min | Ref. | Max | Min | ± 2° | |
| 8 | .380 | .359 | .189 | .176 | .255 | .035 | .025 | 50° | 2 |
| 10 | .516 | .441 | .204 | .190 | .322 | .040 | .031 | 80° | 2 |
| 12 | .552 | .511 | .268 | .254 | .377 | .040 | .031 | 70° | 3 |
| 1/4 | .620 | .580 | .282 | .267 | .160 | .042 | .033 | 70° | 3 |

NOTE: There is no single standard for Wafer head dimensions. These values are offered as a guide; deviations from these specifications may occur



| WAFER SQUARE RECESS HEAD FOR SELF-DRILLING SCREWS | | | | | | | | | |
|---|---------------|------|--------------|--------------|------|-----------------|------|--------------------------|----------------------|
| Nominal Size | A | | M | I | | W | | C | Phillips Driver Size |
| | Head Diameter | | Recess Width | Recess Depth | | Wafer Thickness | | Bottom Countersink Angle | |
| | Max. | Min. | Ref | Max | Min | Max | Min | ± 2° | |
| 12 | .551 | .512 | .133 | .095 | .080 | .039 | .031 | 70° | 3 |

NOTE: There is no single standard for Wafer head dimensions. These values are offered as a guide; deviations from these specifications may occur

| WAFER SIX-LOBE HEAD FOR SELF-DRILLING SCREWS | | | | | | | |
|--|---------------|------|-----------------|-------------------|-----------------|------|----------------------|
| Nominal Size | A | | B | H | W | | Six-Lobe Recess Size |
| | Head Diameter | | Recess Diameter | Total Head Height | Wafer Thickness | | |
| | Max. | Min. | Ref | Ref. | Max | Min | |
| 10 | .516 | .441 | .155 | .150 | .040 | .031 | TX-20 |

NOTE: There is no single standard for Wafer head dimensions. These values are offered as a guide; deviations from these specifications may occur