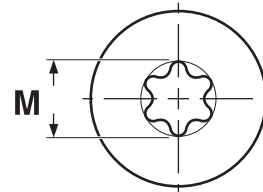
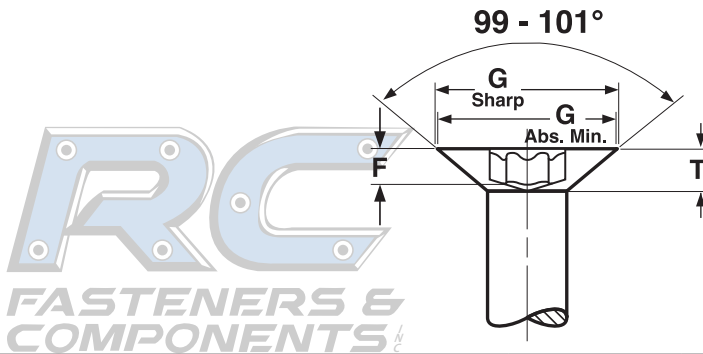


Six-Lobe 100° Flat  
Phillips Round Washer

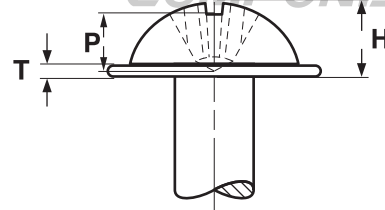
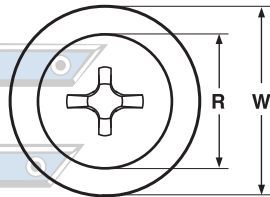
HEAD DIMENSIONS



SIX-LOBE 100° FLAT HEAD FOR MACHINE SCREWS

Camcar  
Textron

| Nominal Size | T           | G             |          | M            | F                    | Fallaway<br>Maximum<br>Penetration<br>of No-Go<br>Gauge | Driver Size |
|--------------|-------------|---------------|----------|--------------|----------------------|---|-------------|
|              | Head Height | Head Diameter |          | Recess Diam. | Gauge<br>Penetration |   |             |
|              | Ref         | Max Sharp     | Abs. Min | Ref          | Ref                  | Max   |             |
| 2            | .0216       | .171          | .143     |              | .020                 |   | T6          |
| 4            | .049        | .225          | .191     | .094         | .020                 | .019  | T8          |
| 6            | .060        | .279          | .238     | .111         | .035                 | .022  | T10         |
| 8            | .072        | .332          | .285     | .132         | .046                 | .026  | T15         |
| 10           | .083        | .385          | .333     | .155         | .056                 | .031  | T20         |
| 1/4          | .110        | .507          | .442     | .221         | .085                 | .044  | T30         |
| 5/16         | .138        | .635          | .556     | .266         | .092                 | .047  | T40         |
| 3/8          | .165        | .762          | .670     | .312         | .110                 | .055  | T45         |



PHILLIPS ROUND WASHER HEADS FOR MACHINE SCREWS

ASME B18.6.3 2010

| Nominal Size | R              | H           |      | W               |      | T                | D               | Recess<br>Penetrating<br>Gaging Depth |      | Driver Size |
|--------------|----------------|-------------|------|-----------------|------|------------------|-----------------|---------------------------------------|------|-------------|
|              | Crown Diameter | Head Height |      | Washer Diameter |      | Washer Thickness | Recess Diameter |                                       |      |             |
|              | Ref            | Max         | Min  | Max             | Min  | Ref              | Ref             | Max                                   | Min  |             |
| 4            | .177           | .079        | .067 | .261            | .243 | .030             | .116            | .065                                  | .044 | 1           |
| 6            | .218           | .096        | .084 | .321            | .301 | .040             | .147            | .061                                  | .033 | 2           |
| 8            | .259           | .113        | .101 | .380            | .358 | .040             | .161            | .076                                  | .048 | 2           |
| 10           | .300           | .130        | .118 | .439            | .416 | .050             | .177            | .093                                  | .066 | 2           |
| 12           | .341           | .148        | .134 | .498            | .473 | .050             | .228            | .094                                  | .066 | 3           |
| 1/4          | .396           | .170        | .157 | .576            | .548 | .050             | .244            | .107                                  | .080 | 3           |
| 5/16         | .494           | .211        | .197 | .719            | .687 | .060             | .292            | .156                                  | .129 | 3           |