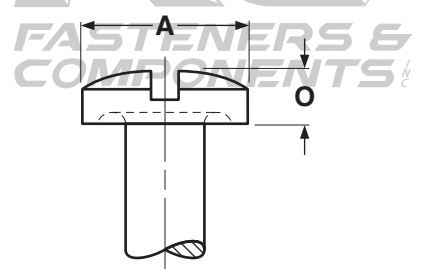
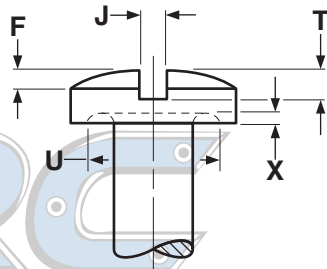


# Slotted Binding Truss

# Head Dimensions

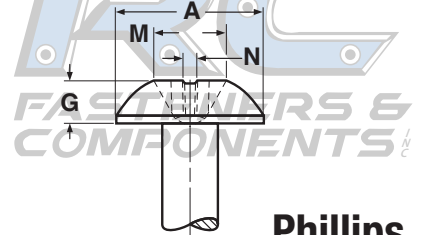
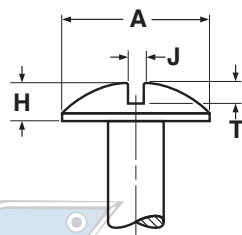
# Machine Screws



## SLOTTED BINDING HEADS UNDERCUT FOR MACHINE SCREWS

ASME B18.6.3  
2002

| Nominal Size | A             |      | F              |      | O            |      | J             |      | T             |      | U                      |      | X     |      |
|--------------|---------------|------|----------------|------|--------------|------|---------------|------|---------------|------|------------------------|------|-------|------|
|              | Head Diameter |      | Height of Head |      |              |      | Width of Slot |      | Depth of Slot |      | Dimensions of Undercut |      |       |      |
|              |               |      | Height of Oval |      | Total Height |      |               |      |               |      | Diameter               |      | Depth |      |
|              | Max           | Min  | Max            | Min  | Max          | Min  | Max           | Min  | Max           | Min  | Max                    | Min  | Max   | Min  |
| 2            | .181          | .171 | .018           | .013 | .050         | .043 | .031          | .023 | .030          | .020 | .141                   | .124 | .010  | .005 |
| 3            | .208          | .197 | .022           | .016 | .059         | .052 | .035          | .027 | .036          | .025 | .162                   | .143 | .011  | .006 |
| 4            | .235          | .223 | .025           | .018 | .068         | .061 | .039          | .031 | .042          | .030 | .184                   | .161 | .012  | .007 |
| 5            | .263          | .249 | .029           | .021 | .078         | .069 | .043          | .035 | .048          | .035 | .205                   | .180 | .014  | .009 |
| 6            | .290          | .275 | .032           | .024 | .087         | .078 | .048          | .039 | .053          | .040 | .226                   | .199 | .015  | .010 |
| 8            | .344          | .326 | .039           | .029 | .105         | .095 | .054          | .045 | .065          | .050 | .269                   | .236 | .017  | .012 |
| 10           | .399          | .378 | .045           | .034 | .123         | .112 | .060          | .050 | .077          | .060 | .312                   | .274 | .020  | .015 |
| 12           | .454          | .430 | .052           | .039 | .141         | .130 | .067          | .056 | .089          | .070 | .354                   | .311 | .023  | .018 |
| 1/4          | .525          | .498 | .061           | .046 | .165         | .152 | .075          | .064 | .105          | .084 | .410                   | .360 | .026  | .021 |



## Slotted

## Phillips

## TRUSS HEADS FOR MACHINE SCREWS

ASME  
B18.6.3-2010

| Nominal Size | A             |       | H              |      | J             |      | T             |      | M               | G                               |      | Phillips Driver Size |
|--------------|---------------|-------|----------------|------|---------------|------|---------------|------|-----------------|---------------------------------|------|----------------------|
|              | Head Diameter |       | Height of Head |      | Width of Slot |      | Depth of Slot |      | Recess Diameter | Recess Penetration Gaging Depth |      |                      |
|              | Max           | Min   | Max            | Min  | Max           | Min  | Max           | Min  | Ref             | Max                             | Min  |                      |
| 2            | .194          | .180  | .053           | .044 | .031          | .023 | .031          | .022 | .097            | .052                            | .034 | 1                    |
| 3            | .226          | .211  | .061           | .051 | .035          | .027 | .036          | .026 | .103            | .059                            | .042 | 1                    |
| 4            | .257          | .241  | .069           | .059 | .039          | .031 | .040          | .030 | .105            | .062                            | .044 | 1                    |
| 5            | .289          | .272  | .078           | .066 | .043          | .035 | .045          | .034 | .121            | .078                            | .060 | 1                    |
| 6            | .321          | .303  | .086           | .074 | .048          | .039 | .050          | .037 | .151            | .073                            | .048 | 2                    |
| 8            | .384          | .364  | .102           | .088 | .054          | .045 | .058          | .045 | .166            | .088                            | .063 | 2                    |
| 10           | .448          | .425  | .118           | .103 | .060          | .050 | .068          | .053 | .181            | .104                            | .079 | 2                    |
| 12           | .511          | .487  | .134           | .118 | .067          | .056 | .077          | .061 | .241            | .111                            | .086 | 3                    |
| 1/4          | .573          | .546  | .150           | .133 | .075          | .064 | .087          | .070 | .256            | .126                            | .101 | 3                    |
| 5/16         | .698          | .666  | .183           | .162 | .084          | .072 | .106          | .085 | .345            | .173                            | .148 | 4                    |
| 3/8          | .823          | .787  | .215           | .191 | .094          | .081 | .124          | .100 | .376            | .206                            | .182 | 4                    |
| 1/2          | 1.073         | 1.028 | .280           | .250 | .106          | .091 | .161          | .131 | .437            | .268                            | .243 | 4                    |