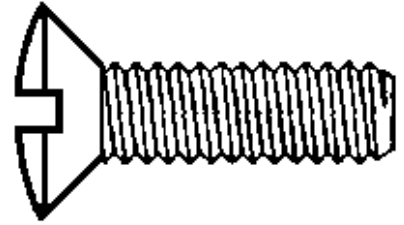


# OVAL HEAD MACHINE SCREWS



| Nominal Size | A             |      | H              | O     | J               |      | T           |             | M                 | R     | N     | F                                |      | G               | Phillips Driver Size |
|--------------|---------------|------|----------------|-------|-----------------|------|-------------|-------------|-------------------|-------|-------|----------------------------------|------|-----------------|----------------------|
|              | Head Diameter |      | Height of Head |       | Slot Dimensions |      |             |             | Recess Dimensions |       |       | Protrusion Above Gaging Diameter |      | Gaging Diameter |                      |
|              |               |      | Side           | Total | Width           |      | Depth       |             | Diam              | Depth | Width |                                  |      |                 |                      |
|              | Ma            | Min  | Max            | Max   | Max             | Min  | Max         | Min         | Ref               | Ref   | Ref   | Max                              | Min  |                 |                      |
| 0            | .112          | .096 | .035           | .056  | .023            | .016 | .030        | .025        | <u>.068</u>       | .036  | .014  | .047                             | .031 | .078            | 0                    |
| 1            | .14           | .126 | .043           | .068  | .026            | .019 | .038        | .031        | .070              | .039  | .015  | .053                             | .035 | .101            | 0                    |
| 2            | .162          | .144 | .051           | .080  | .031            | .023 | .045        | .037        | .106              | .060  | .018  | .058                             | .039 | .124            | 1                    |
| 3            | .187          | .167 | .059           | .092  | .035            | .027 | .052        | .043        | .118              | .072  | .019  | .064                             | .044 | .148            | 1                    |
| 4            | .212          | .191 | .067           | .104  | .039            | .031 | .059        | .049        | .130              | .086  | .019  | .069                             | .048 | .172            | 1                    |
| 5            | .237          | .215 | .075           | .116  | .043            | .035 | .067        | .055        | .152              | .073  | .028  | .075                             | .053 | .196            | 2                    |
| 6            | .262          | .238 | .083           | .128  | .048            | .039 | <u>.074</u> | <u>.060</u> | .172              | .092  | .030  | .080                             | .057 | .220            | 2                    |
| 8            | .312          | .285 | .100           | .152  | .054            | .045 | .088        | .072        | .186              | .107  | .031  | .091                             | .066 | .267            | 2                    |
| 10           | .362          | .333 | .116           | .176  | .060            | .050 | .103        | .084        | .202              | .125  | .033  | .102                             | .075 | .313            | 2                    |
| 12           | .412          | .380 | .132           | .200  | .067            | .056 | .117        | .096        | .264              | .140  | .038  | .113                             | .084 | .362            | 3                    |
| 4            | .477          | .442 | .153           | .232  | .075            | .064 | .136        | .112        | .284              | .160  | .040  | .129                             | .095 | .424            | 3                    |
| 5/16         | .597          | .556 | .191           | .290  | .084            | .072 | .171        | .141        | .384              | .226  | .065  | .155                             | .117 | .539            | 4                    |
| 3/8          | .717          | .670 | .230           | .347  | .094            | .081 | .206        | .170        | .404              | .245  | .068  | .182                             | .139 | .653            | 4                    |
| 7/16         | .760          | .715 | .223           | .345  | .094            | .081 | .210        | .174        | .416              | .257  | .070  | .195                             | .150 | .690            | 4                    |
| 1/2          | .815          | .765 | .223           | .354  | .106            | .091 | .216        | .176        | .430              | .271  | .071  | .212                             | .163 | .739            | 4                    |