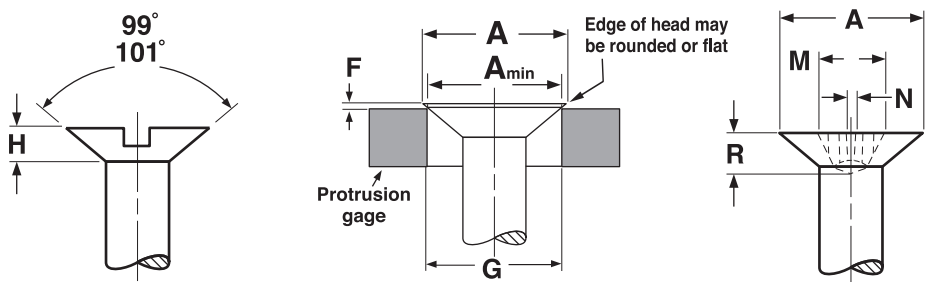


SELF-TAPPING SCREWS

HEAD DIMENSIONS Pan, 100° Flat



| PAN HEADS FOR SELF-TAPPING AND DRILLING SCREWS | | | | | | | | | | | | | | | ASME B18.6.3—2013 | |
|--|---------------|------|----------------|------|----------|------|---------------|------|---------------|------|----------------------|------|-------|----------------------|----------------------|-------|
| Nominal Size | A | | H | | H1 | | J | | T | | M | | G | N | Phillips Driver Size | |
| | Head Diameter | | Height of Head | | | | Width of Slot | | Depth of Slot | | Dimensions of Recess | | | Phillips Driver Size | | |
| | | | Slotted | | Recessed | | | | | | Diameter | | Depth | | | Width |
| | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | | | Min |
| 2 | .167 | .155 | .053 | .045 | .062 | .053 | .031 | .023 | .031 | .022 | .104 | .091 | .059 | .017 | 1 | |
| 3 | .193 | .180 | .060 | .051 | .071 | .062 | .035 | .027 | .036 | .026 | .112 | .099 | .068 | .019 | 1 | |
| 4 | .219 | .205 | .068 | .058 | .080 | .070 | .039 | .031 | .040 | .030 | .122 | .109 | .078 | .019 | 1 | |
| 5 | .245 | .231 | .075 | .065 | .089 | .079 | .043 | .035 | .045 | .034 | .158 | .145 | .083 | .028 | 2 | |
| 6 | .270 | .256 | .082 | .072 | .097 | .087 | .048 | .039 | .050 | .037 | .166 | .153 | .091 | .028 | 2 | |
| 7 | .296 | .281 | .089 | .079 | .106 | .096 | .048 | .039 | .054 | .041 | .176 | .163 | .100 | .029 | 2 | |
| 8 | .322 | .306 | .096 | .085 | .115 | .105 | .054 | .045 | .058 | .045 | .182 | .169 | .108 | .030 | 2 | |
| 10 | .373 | .357 | .110 | .099 | .133 | .122 | .060 | .050 | .068 | .053 | .199 | .186 | .124 | .031 | 2 | |
| 12 | .425 | .407 | .125 | .112 | .151 | .139 | .067 | .056 | .077 | .061 | .259 | .246 | .141 | .034 | 3 | |
| 14 | .476 | .457 | .139 | .126 | .169 | .156 | .075 | .064 | .085 | .068 | .281 | .268 | .148 | .036 | 3 | |
| 1/4 | .492 | .473 | .144 | .130 | .175 | .162 | .075 | .064 | .087 | .070 | .281 | .268 | .161 | .036 | 3 | |
| 5/16 | .615 | .594 | .178 | .162 | .218 | .203 | .084 | .072 | .106 | .085 | .350 | .337 | .193 | .059 | 4 | |
| 3/8 | .740 | .716 | .212 | .195 | .261 | .244 | .094 | .081 | .124 | .100 | .389 | .376 | .233 | .065 | 4 | |



| FLAT HEAD 100° FOR SELF-TAPPING SCREWS | | | | | | | | | | | | | | | ASME B18.6.3—2013 |
|--|-----------------|------|-----------------|------|-------|------|-------------------|------|-------|----------------------------------|-------|-----------------|------|------|----------------------|
| Nominal Size | A | | H | | J | | T | | M | R | N | F | | G | Phillips Driver Size |
| | Head Dimensions | | Slot Dimensions | | | | Recess Dimensions | | | Protrusion Above Gaging Diameter | | Gaging Diameter | | | |
| | Diameter | | Height | | Width | | Depth | | Diam. | Depth | Width | | Max | Min | |
| | Max | Min | Max | Min | Max | Min | Max | Min | Ref | Ref | Ref | | Max | Min | |
| 4 | .212 | .188 | .049 | .039 | .039 | .031 | .024 | .017 | .110 | .070 | .018 | .025 | .016 | .167 | 1 |
| 6 | .262 | .235 | .060 | .049 | .048 | .039 | .030 | .022 | .148 | .074 | .027 | .028 | .017 | .214 | 2 |
| 8 | .312 | .282 | .072 | .060 | .054 | .045 | .036 | .027 | .162 | .090 | .028 | .031 | .019 | .261 | 2 |
| 10 | .362 | .329 | .083 | .070 | .060 | .050 | .042 | .031 | .178 | .104 | .030 | .034 | .021 | .307 | 2 |
| 1/4 | .477 | .437 | .110 | .094 | .075 | .064 | .055 | .042 | .240 | .124 | .033 | .040 | .025 | .415 | 3 |