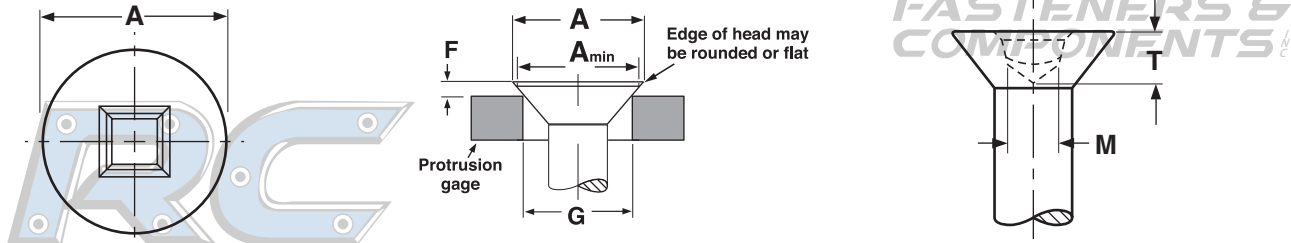


HEAD DIMENSIONS

Square; Flat & Pan



| FASTENERS & COMPONENTS | | | | | | | | | | SQUARE RECESS FLAT HEADS | | ASME B18.6.3—2013 | |
|--------------------------------------|-------|---------------|------|-------------------------|------|----------------------------------|-------|-----------------|---------------------------------|--------------------------|-------------|-------------------|--|
| Nominal Size or Basic Screw Diameter | | A | | M | | F | | G | T | | Driver Size | | |
| | | Head Diameter | | Recess Across the Flats | | Protrusion Above Gaging Diameter | | Gaging Diameter | Recess Penetration Gaging Depth | | | | |
| | | Max | Min | Ref | Max | Min | Max | | Min | | | | |
| 4 | .1120 | .212 | .191 | .070 | .032 | .019 | 0.172 | .038 | .028 | 0 | | | |
| 6 | .1380 | .262 | .238 | .091 | .036 | .021 | 0.220 | .055 | .040 | 1S | | | |
| 8 | .1640 | .312 | .285 | .112 | .039 | .023 | 0.267 | .063 | .048 | 2S | | | |
| 10 | .1900 | .362 | .333 | .112 | .042 | .025 | 0.313 | .075 | .060 | 2R | | | |
| 12 | .2160 | .412 | .380 | .133 | .045 | .027 | 0.362 | .095 | .080 | 3R | | | |
| 14 | .2420 | .462 | .427 | .133 | .050 | .029 | 0.410 | .095 | .080 | 3R | | | |
| 1/4 | .2500 | .477 | .442 | .133 | .050 | .029 | 0.424 | .095 | .080 | 3R | | | |
| 5/16 | .3125 | .597 | .556 | .191 | .057 | .034 | 0.539 | .100 | .085 | 4R | | | |

This type of recess has a square center opening, slightly tapered side walls and a conical bottom.



| FASTENERS & COMPONENTS | | | | | | | | | | SQUARE RECESS PAN HEADS FOR SELF-TAPPING SCREWS | | ASME B18.6.3—2013 | |
|--------------------------------------|-------|---------------|------|-------------|------|---------------------|-------------|---------------------------|------|---|--|-------------------|--|
| Nominal Size or Basic Screw Diameter | | A | | H | | M | Driver Size | P | | | | | |
| | | Head Diameter | | Head Height | | Recess Across Flats | | Penetrating Gauging Depth | | | | | |
| | | Max | Min | Max | Min | Ref | | Max | Min | | | | |
| 2 | .0860 | .167 | .155 | .062 | .053 | .050 | 00 | .033 | .028 | | | | |
| 4 | .1120 | .219 | .205 | .080 | .070 | .070 | 0 | .038 | .028 | | | | |
| 6 | .1380 | .270 | .256 | .097 | .087 | .091 | 1R | .065 | .050 | | | | |
| 8 | .1640 | .322 | .306 | .115 | .105 | .112 | 2R | .075 | .060 | | | | |
| 10 | .1900 | .373 | .357 | .133 | .122 | .112 | 2R | .075 | .060 | | | | |
| 12 | .2160 | .425 | .407 | .151 | .139 | .133 | 3R | .095 | .080 | | | | |
| 14 | .2420 | .476 | .457 | .169 | .156 | .133 | 3R | .095 | .080 | | | | |
| 1/4 | .2500 | .492 | .473 | .175 | .162 | .133 | 3R | .095 | .085 | | | | |

This type of recess has a square center opening, slightly tapered side walls and a conical bottom.