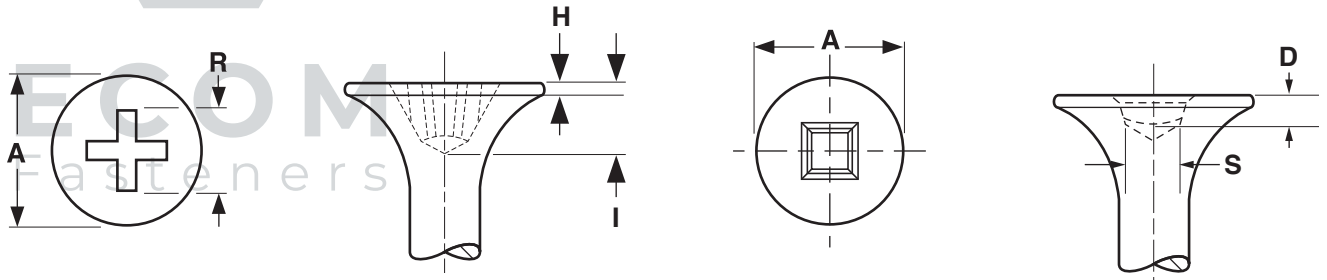


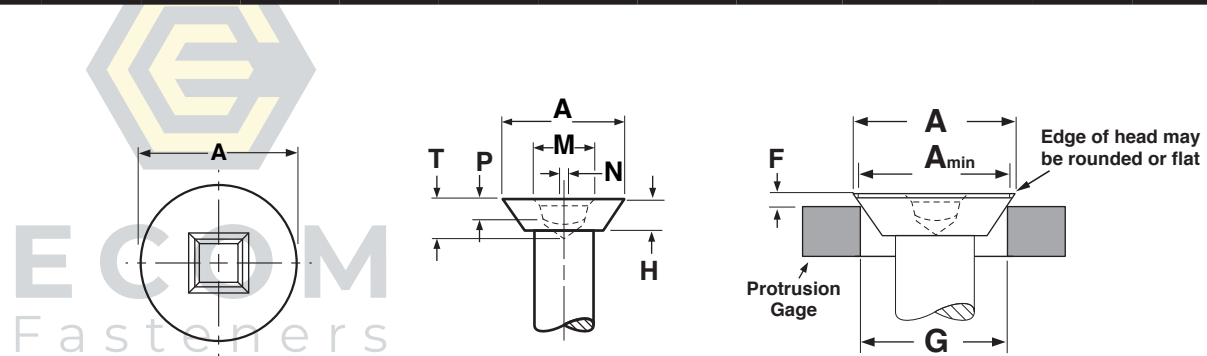
Bugle & Flat Undercut Square

HEAD DIMENSIONS



| BUGLE HEADS FOR DRYWALL, PARTICLE BOARD & DECK SCREWS | | | | | | | | | | | | | |
|---|---------------|------|----------------|------|-----------------------|------|-------|--|---------------------|------|-------|------|---------------------------|
| Nominal Size | A | | H | | R | | | Phillips Driver Size (Reduced Diameter Bit for #6 thru #10) | S | | D | | Square Recess Driver Size |
| | Head Diameter | | Head Thickness | | Phillips Recess Drive | | | | Square Recess Drive | | | | |
| | | | | | Diameter | | Depth | | Recess Square | | Depth | | |
| | Max | Min | Max | Min | Max | Min | Ref | | Max | Min | Max | Min | |
| 6 | .347 | .315 | .031 | .020 | .201 | .176 | .106 | 2 | .118 | .110 | .102 | .092 | 2 |
| 7 | .355 | .315 | .031 | .020 | .201 | .176 | .118 | 2 | .118 | .110 | .112 | .092 | 2 |
| 8 | .363 | .315 | .039 | .020 | .201 | .176 | .124 | 2 | .118 | .110 | .112 | .092 | 2 |
| 9 | .363 | .333 | .039 | .020 | .201 | .176 | .124 | 2 | .118 | .110 | .112 | .092 | 2 |
| 10 | .363 | .333 | .039 | .020 | .204 | .190 | .124 | 2 | .118 | .110 | .112 | .092 | 2 |
| 12 | .442 | .390 | .055 | .042 | .265 | .250 | .144 | 3 | .142 | .135 | .124 | .115 | 3 |
| 1/4 | .472 | .435 | .058 | .047 | .277 | .260 | .160 | 3 | .134 | .132 | .124 | .115 | 3 |

In the absence of a single industry standard for Bugle Heads, these dimensions are offered as a guide; slight deviations are acceptable.



| FLAT UNDERCUT SQUARE RECESS HEADS FOR TAPPING SCREWS | | | | | | | | | | | | ASME B18.6.3-2013 |
|--|---------------|------|-------------|------|---------------------|--------------|-------------|---------------------------------|------|----------------------------------|------|-------------------|
| Nominal Size | A | | H | | M | T | Recess Size | P | | F | | Gaging Diameter |
| | Head Diameter | | Head Height | | Recess Across Flats | Recess Depth | | Recess Penetrating Gaging Depth | | Protrusion Above Gaging Diameter | | |
| | Max | Min | Max | Min | Ref | Ref | | Max | Min | Max | Min | |
| 6 | .262 | .238 | .059 | .048 | .091 | .070 | 1SS | .027 | .017 | .036 | .021 | .220 |
| 8 | .312 | .285 | .070 | .058 | .112 | .091 | 2SS | .037 | .027 | .039 | .023 | .267 |
| 10 | .362 | .333 | .081 | .068 | .112 | .091 | 2SS | .037 | .027 | .042 | .025 | .313 |
| 12 | .412 | .380 | .092 | .078 | .133 | .138 | 3SS | .073 | .063 | .045 | .027 | .362 |
| 1/4 | .477 | .442 | .107 | .092 | .133 | .143 | 3S | .080 | .065 | .050 | .029 | .424 |