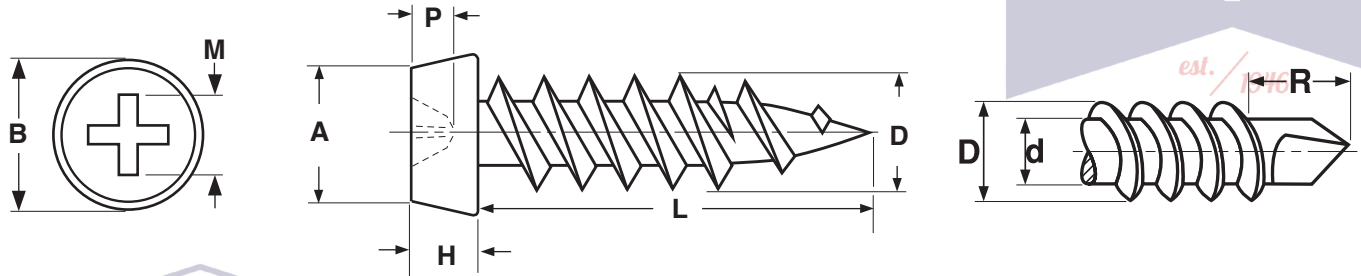


SELF-TAPPING SCREWS

FRAMING SCREWS

Sharp & Drill Points



PAN PHILLIPS FRAMING SCREW — SHARP POINT

| Nominal Size | A | | B | | H | | D | | M | | P | |
|---------------------|-------------------|------|----------------------|------|-------------|------|----------------|------|-----------------|------|--------------|------|
| | Top Head Diameter | | Bottom Head Diameter | | Head Height | | Major Diameter | | Recess Diameter | | Recess Depth | |
| | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min |
| 7 | .263 | .224 | .314 | .295 | .114 | .098 | .153 | .142 | .197 | .171 | .106 | .086 |
| Tolerance on Length | | | | | | | +.015, -.020 | | | | | |

PAN PHILLIPS FRAMING SCREW — DRILL POINT

| Nominal Size | A | | B | | H | | D | | d | | M | | P | | R |
|----------------------------|-------------------|---------------------------------|----------------------|------|-------------|------|----------------|------|----------------|------|-----------------|------|--------------|------|----------------------|
| | Top Head Diameter | | Bottom Head Diameter | | Head Height | | Major Diameter | | Minor Diameter | | Recess Diameter | | Recess Depth | | Protrusion Allowance |
| | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | #2 Point |
| 6 | .263 | .224 | .314 | .295 | .114 | .098 | .139 | .135 | .104 | .099 | .197 | .171 | .106 | .086 | .190 |
| Minimum Torsional Strength | | 24 Lb.-Inch (Steel Screws Only) | | | | | | | | | | | | | |

| | |
|--------------------------------|--|
| Description | A case hardened screw with either (a) a sharp point and twinfast thread, or (b) a drill point and single lead thread. The head has a trapezoidal profile with a flat top and a flat underside. |
| Applications/Advantages | For framing applications: the sharp point screws are used in thin gauge (less than .050 thick) metal studs & tracks; the drill point variety can be used in metals up to .090 thick. |
| Material | AISI 1018 steel |
| Heat Treatment | Screws shall be quenched in liquid and then tempered by reheating to 650°F minimum. |
| Case Hardness | HV 550 - 800 |
| Core Hardness | HV 270 - 450 |
| Case Depth | .004 minimum |
| Torsional Strength | 34 kg/cm minimum |
| Plating | Parts are usually supplied with a black phosphate finish. |