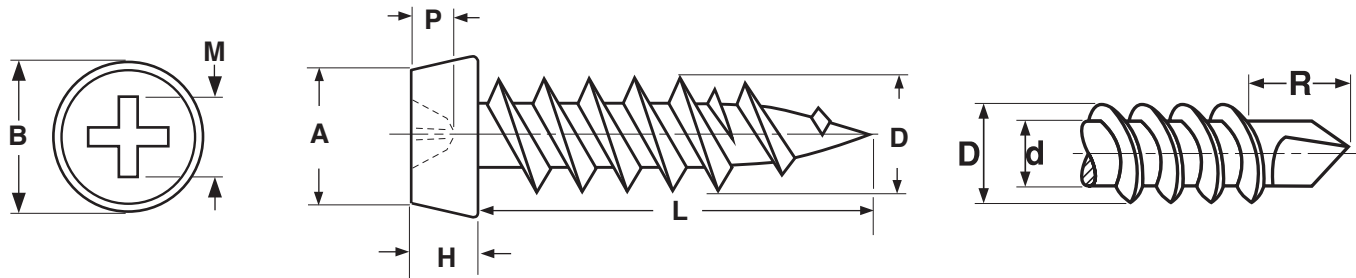


## FRAMING SCREWS

Sharp &amp; 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.                                                                                                                                      |