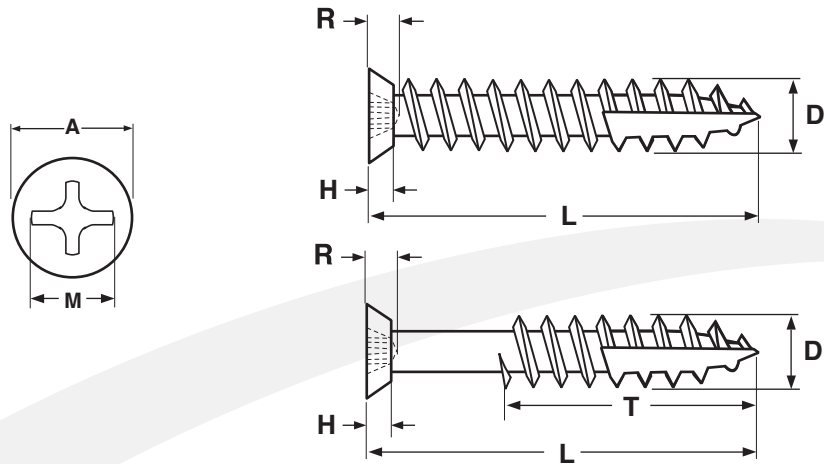


**Undercut Flat Head w/  
Phillips Recess** **TYPE-17 DEEP THREAD**



| UNDERCUT FLAT PHILLIPS DEEP THREAD WOOD SCREW |               |                   |             |       |              |       |                |       |                 |            |                    |  |
|-----------------------------------------------|---------------|-------------------|-------------|-------|--------------|-------|----------------|-------|-----------------|------------|--------------------|--|
| Nominal Diameter                              | A             |                   | H           |       | R            |       | D              |       | T               |            | Recess Driver Size |  |
|                                               | Head Diameter |                   | Head Height |       | Recess Depth |       | Major Diameter |       | Threaded Length |            |                    |  |
|                                               | Max           | Min               | Max         | Min   | Max          | Min   | Max            | Min   | L ≤ 1"          | L > 1"     |                    |  |
| 6                                             | 0.262         | 0.238             | 0.059       | 0.048 | 0.067        | 0.044 | 0.141          | 0.135 | Full thread     | 2/3 thread | 2                  |  |
| 7                                             | 0.287         | 0.262             | 0.064       | 0.053 | 0.075        | 0.052 | 0.154          | 0.148 | Full thread     | 2/3 thread | 2                  |  |
| Tolerance on Length                           |               | Up to 5/8"        |             |       |              |       | ± 0.03         |       |                 |            |                    |  |
|                                               |               | Over 5/8 to 1.5"  |             |       |              |       | ± 0.05         |       |                 |            |                    |  |
|                                               |               | Over 1.5 to 2.75" |             |       |              |       | ± 0.06         |       |                 |            |                    |  |
|                                               |               | Over 2.75 to 5"   |             |       |              |       | ± 0.09         |       |                 |            |                    |  |

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>               | An externally threaded fastener with a countersunk head that is undercut to approximately 70% of its normal height, crossed recess, a single lead thread and a shank with a reduced diameter.                        |
| <b>Applications / Advantages</b> | The deeper thread design offers greater resistance to pull-out forces. Undercut head design is ideal for applications requiring shorter length fasteners as the truncated head allows for greater thread engagement. |
| <b>Material</b>                  | C1018 - C1022 case-hardened steel                                                                                                                                                                                    |
| <b>Surface Hardness</b>          | 550 HV minimim                                                                                                                                                                                                       |
| <b>Case Depth</b>                | #6 & #7 diameters: 0.002" - 0.007"                                                                                                                                                                                   |
| <b>Core Hardness</b>             | 240 - 450 HV                                                                                                                                                                                                         |
| <b>Torque</b>                    | #6: 21 Kg/cm minimum; #7: 28 Kg/cm minimum                                                                                                                                                                           |
| <b>Plating</b>                   | See Appendix-A for plating information                                                                                                                                                                               |