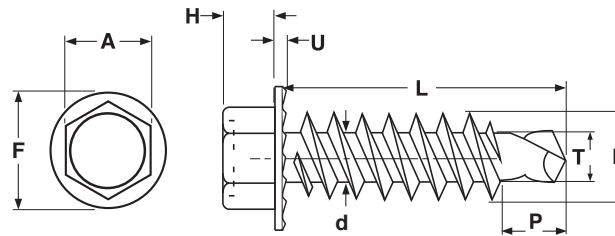


## SELF- TAPPING SCREWS

**Serrated High Hex Washer Head,  
Spaced Thread****SELF-DRILLING****SERRATED UNSLOTTED HEX WASHER HIGH HEAD SELF-DRILLING SCREWS, SPACED THREAD**

| Nominal<br>Screw<br>Size &<br>Threads<br>per Inch | A                     |      | H           |      | F                  |      | U                   |      | D                 |      | d                 |      | P            |      | T           |      | Recommended<br>Torque<br>(Kg-cm) |
|---|-----------------------|------|-------------|------|--------------------|------|---------------------|------|-------------------|------|-------------------|------|--------------|------|-------------|------|----------------------------------|
|   | Width Across<br>Flats |      | Head Height |      | Washer<br>Diameter |      | Washer<br>Thickness |      | Major<br>Diameter |      | Minor<br>Diameter |      | Point Length |      | Point Width |      |                                  |
|   | Max                   | Min  | Max         | Min  | Max                | Min  | Max                 | Min  | Max               | Min  | Max               | Min  | Max          | Min  | Max         | Min  |                                  |
| 10-16   | .312                  | .305 | .130        | .125 | .414               | .384 | .031                | .019 | .189              | .183 | .141              | .135 | .295         | .244 | .157        | .152 | 70                               |

|                                     |   |
|-------------------------------------|---|
| <b>Description</b>                  | An integrally formed hex washer head screw whose head is 10-20% higher than a standard hex washer head, and a drill point. Thread design is spaced (like a type-BSD drill screw).   |
| <b>Applications/<br/>Advantages</b> | The high head design provides a better-engaged drill screw during installation. Intended for use in heavier duty (up to 7 gauge) steel. Serrated washer design adds greater holding power to components subject to vibrations caused by repeated movements. |
| <b>Material</b>                     | AISI 1016 - 1024 or equivalent steel  |
| <b>Heat Treatment</b>               | Fasteners are heat treated in a carbonitriding or gas-carburizing system at a minimum temperature of 625°F, or in a cyaniding system (with consent of the buyer) at a minimum temperature of 450°F.   |
| <b>Case Hardness</b>                | Rockwell C 52 - 58  |
| <b>Case Depth</b>                   | #10 Diameter: .004 - .009   |
| <b>Core Hardness</b>                | Rockwell C32 - 40   |
| <b>Plating</b>                      | See Appendix-A for plating information  |