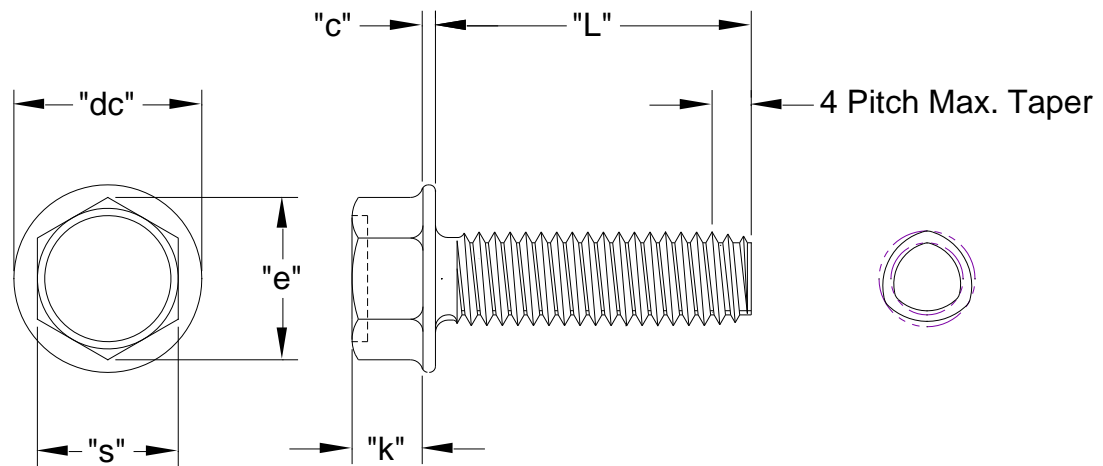


# UNSLOTTED INDENTED HEX WASHER HEAD THREAD ROLLING SCREW DIN 7500-D

|                |
|----------------|
| XXXXUHWZD7500D |
| January, 2017  |
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| LENGTH |           | TOLERANCE |
|--------|-----------|-----------|
| FROM   | INCLUSIVE |           |
| 3mm    | 6mm       | ± 0.375   |
| 6mm    | 10mm      | ± 0.45    |
| 10mm   | 18mm      | ± 0.55    |
| 18mm   | 30mm      | ± 0.65    |
| 30mm   | 50mm      | ± 0.8     |



| Nominal<br>Screw Size | Tri-Lobular Body      |       |                |       | Width Across<br>Flats |      | Width Across<br>Corners | Head<br>Height |      | Washer Diameter |      | Washer<br>Thickness |
|-----------------------|-----------------------|-------|----------------|-------|-----------------------|------|-------------------------|----------------|------|-----------------|------|---------------------|
|                       | Circumscribing Circle |       | Major Diameter |       | "s"                   |      | "e"                     | "k"            |      | "dc"            |      | "c"                 |
|                       | Max.                  | Min.  | Max.           | Min.  | Max.                  | Min. | Min.                    | Max.           | Min. | Max.            | Min. | Max.                |
| M2.5 x 0.45           | 2.570                 | 2.480 | 2.480          | 2.390 | 4.00                  | 3.88 | 4.39                    | 1.50           | 1.30 | 5.20            | 4.9  | 0.50                |
| M3 x 0.5              | 3.070                 | 2.980 | 2.970          | 2.880 | 5.00                  | 4.82 | 5.45                    | 1.80           | 1.60 | 6.50            | 6.1  | 0.60                |
| M4 x 0.7              | 4.080                 | 3.980 | 3.940          | 3.840 | 5.50                  | 5.32 | 6.02                    | 2.80           | 2.60 | 8.40            | 7.8  | 0.70                |
| M5 x 0.8              | 5.090                 | 4.980 | 4.930          | 4.820 | 8.00                  | 7.78 | 8.80                    | 3.70           | 3.40 | 10.40           | 10   | 0.80                |
| M6 x 1.0              | 6.100                 | 5.970 | 5.900          | 5.770 | 10.00                 | 9.78 | 11.06                   | 4.20           | 3.90 | 13.00           | 12.5 | 1.00                |

|   |   |
|---|---|
| <p>Standard: DIN 7500<br/> Material: Steel Case Hardened<br/> Surface Hardness: 450 HV 0.3 (Rc 45 Min.)<br/> Finish: Zinc, Bake, ROHS Compliant Clear Chromate &amp; Wax<br/> ISO 4042 Fe/Zn 3c1A</p> | <p><b>COMMON USES:</b><br/> Sheet Metal &gt; 0.6 * Screw Dia., Extruded Sheet<br/> Metal, Zinc &amp; Aluminum Die Casting</p> |
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