

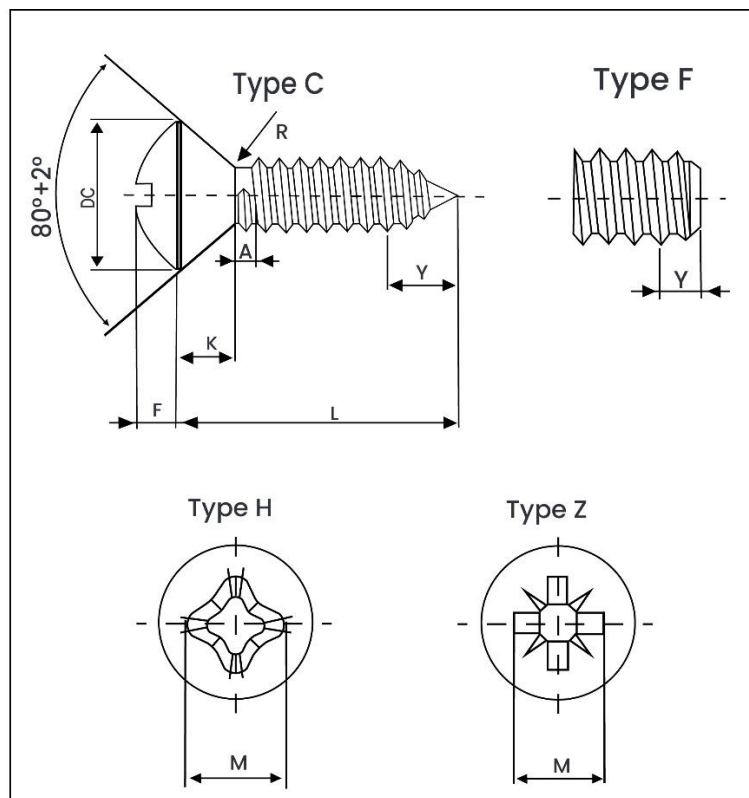
**DIN 7983****Cross Recessed Raised Countersunk Head Tapping Screw***Metric Dimensions – DIN 7983 Cross Recessed Raised Countersunk Head Tapping Screw*

Table 1: Metric Dimensions – M2.20 to M3.90

| Thread Size         |                |                          |                | 2.20 | 2.90 | 3.50 | 3.90 |
|---------------------|----------------|--------------------------|----------------|------|------|------|------|
| <b>P</b>            |                |                          |                | 0.80 | 1.10 | 1.30 | 1.30 |
| <b>A</b>            | <i>Max.</i>    |                          |                | 0.80 | 1.10 | 1.30 | 1.30 |
| <b>DK</b>           | <i>Min.</i>    |                          |                | 4    | 5.20 | 6.44 | 7.14 |
|                     | <i>Max.</i>    |                          |                | 4.30 | 5.50 | 6.80 | 7.50 |
| <b>F</b>            | <i>Approx.</i> |                          |                | 0.70 | 0.90 | 1.20 | 1.30 |
| <b>K</b>            | <i>Approx.</i> |                          |                | 1.30 | 1.70 | 2.10 | 2.30 |
| <b>R</b>            | <i>Max.</i>    |                          |                | 0.80 | 1.10 | 1.40 | 1.50 |
| <b>RF</b>           | <i>Approx.</i> |                          |                | 3.80 | 4.60 | 5.40 | 6    |
| <b>Cross Recess</b> | <b>No.</b>     |                          |                | 1    | 1    | 2    | 2    |
|                     | <i>Type H</i>  | <i>M</i>                 | <i>Approx.</i> | 2.80 | 3.40 | 4.60 | 4.70 |
|                     |                | <i>Penetration Depth</i> | <i>Min.</i>    | 1.17 | 1.81 | 1.89 | 2.04 |
|                     |                |                          | <i>Max.</i>    | 1.57 | 2.21 | 2.39 | 2.54 |
|                     | <i>Type Z</i>  | <i>M</i>                 | <i>Approx.</i> | 2.40 | 3.10 | 4.30 | 4.40 |
|                     |                | <i>Penetration Depth</i> | <i>Min.</i>    | 1.10 | 1.83 | 1.88 | 2    |
|                     |                |                          | <i>Max.</i>    | 1.35 | 2.08 | 2.34 | 2.46 |
|                     | <i>Y</i>       | <i>Max.</i>              | <i>Type C</i>  | 2    | 2.60 | 3.20 | 3.50 |
|                     |                |                          | <i>Type F</i>  | 1.60 | 2.10 | 2.50 | 2.70 |

Table 2: Metric Dimensions – M4.20 to M6.30

| Thread Size         |                |                          |                | 4.20 | 4.80 | 5.50  | 6.30  |
|---------------------|----------------|--------------------------|----------------|------|------|-------|-------|
| <b>P</b>            |                |                          |                | 1.40 | 1.60 | 1.80  | 1.80  |
| <b>A</b>            | <i>Max.</i>    |                          |                | 1.40 | 1.60 | 1.80  | 1.80  |
| <b>DK</b>           | <i>Min.</i>    |                          |                | 7.74 | 9.14 | 10.37 | 11.97 |
|                     | <i>Max.</i>    |                          |                | 8.10 | 9.50 | 10.80 | 12.40 |
| <b>F</b>            | <i>Approx.</i> |                          |                | 1.40 | 1.50 | 1.70  | 2     |
| <b>K</b>            | <i>Approx.</i> |                          |                | 2.50 | 3    | 3.40  | 3.80  |
| <b>R</b>            | <i>Max.</i>    |                          |                | 1.60 | 1.90 | 2.10  | 2.40  |
| <b>RF</b>           | <i>Approx.</i> |                          |                | 6.60 | 8.20 | 9.40  | 11.10 |
| <b>Cross Recess</b> | <b>No.</b>     |                          |                | 2    | 2    | 3     | 3     |
|                     | <i>Type H</i>  | <i>M</i>                 | <i>Approx.</i> | 4.90 | 5.40 | 7     | 7.40  |
|                     |                | <i>Penetration Depth</i> | <i>Min.</i>    | 2.24 | 2.70 | 3.02  | 3.46  |
|                     |                |                          | <i>Max.</i>    | 2.74 | 3.20 | 3.53  | 3.96  |
|                     | <i>Type Z</i>  | <i>M</i>                 | <i>Approx.</i> | 4.60 | 5.10 | 6.60  | 7.10  |
|                     |                | <i>Penetration Depth</i> | <i>Min.</i>    | 2.26 | 2.69 | 2.92  | 3.40  |
|                     |                |                          | <i>Max.</i>    | 2.72 | 3.15 | 3.38  | 3.86  |
|                     | <i>Y</i>       | <i>Max.</i>              | <i>Type C</i>  | 3.70 | 4.30 | 5     | 6     |
|                     |                |                          | <i>Type F</i>  | 2.80 | 3.20 | 3.60  | 3.60  |