

# Threaded Rod

## FEATURES

Cut to length as needed

According to standard DIN 976-1 / ISO 7412

Property Class 4.8

## SPECIFICATIONS

Table 1/2

| Catalog Number | Article Number | Material                        | Finish             | Quality Class | Tensile Strength | Yield Strength |
|----------------|----------------|---------------------------------|--------------------|---------------|------------------|----------------|
| 0502510EG      |                | Steel                           | Electrogalvanized  |               | 400 MPa          | 248211kPa      |
| 050M121000HD   | 592635         | Steel                           | Hot-Dip Galvanized | 4.8           |                  |                |
| 050M61000S4    | 592700         | Stainless Steel 304 (EN 1.4301) |                    | 70            |                  |                |
| 050M101000S4   | 592740         | Stainless Steel 304 (EN 1.4301) |                    | 70            |                  |                |
| 050M61000      | 592570         | Steel                           | Electrogalvanized  | 4.8           |                  |                |
| 050M121000S4   | 592760         | Stainless Steel 304 (EN 1.4301) |                    | 70            |                  |                |
| 050M161000     | 400332         | Steel                           | Electrogalvanized  | 4.8           |                  |                |
| 050M81000      | 592590         | Steel                           | Electrogalvanized  | 4.8           |                  |                |
| 050M101000     | 592610         | Steel                           | Electrogalvanized  | 4.8           |                  |                |
| 050M121000     | 592630         | Steel                           | Electrogalvanized  | 4.8           |                  |                |
| 050M101000HD   | 592615         | Steel                           | Hot-Dip Galvanized | 4.8           |                  |                |
| 050M81000S4    | 592720         | Stainless Steel 304 (EN 1.4301) |                    | 70            |                  |                |

| Catalog Number | Article Number | Material | Finish            | Quality Class | Tensile Strength | Yield Strength |
|----------------|----------------|----------|-------------------|---------------|------------------|----------------|
| 050M62000      | 592580         | Steel    | Electrogalvanized | 4.8           |                  |                |
| 050M103000     | 592670         | Steel    | Electrogalvanized | 4.8           |                  |                |
| 050M82000      | 592600         | Steel    | Electrogalvanized | 4.8           |                  |                |
| 050M102000     | 592620         | Steel    | Electrogalvanized | 4.8           |                  |                |
| 050M83000      | 592660         | Steel    | Electrogalvanized | 4.8           |                  |                |
| 050M122000     | 592640         | Steel    | Electrogalvanized | 4.8           |                  |                |
| 050M123000     | 592680         | Steel    | Electrogalvanized | 4.8           |                  |                |
| 050M63000      | 592650         | Steel    | Electrogalvanized | 4.8           |                  |                |

Table 2/2

| Catalog Number | Article Number | Material                        | Finish | Quality Class | Tensile Strength | Yield Strength |
|----------------|----------------|---------------------------------|--------|---------------|------------------|----------------|
| 050M102000S4   | 592750         | Stainless Steel 304 (EN 1.4301) |        | 70            |                  |                |
| 050M62000S4    | 592710         | Stainless Steel 304 (EN 1.4301) |        | 70            |                  |                |
| 050M82000S4    | 592730         | Stainless Steel 304 (EN 1.4301) |        | 70            |                  |                |

Table 1/2

| Catalog Number | Article Number | Rod Size (RS) | Length (L) | Static Load |
|----------------|----------------|---------------|------------|-------------|
| 0502510EG      |                | 1/4"          | 3000mm     | 1068N       |
| 050M121000HD   | 592635         | M12           | 1000mm     | 10000N      |
| 050M61000S4    | 592700         | M6            | 1000mm     | 2400N       |
| 050M101000S4   | 592740         | M10           | 1000mm     | 7000N       |
| 050M61000      | 592570         | M6            | 1000mm     | 2400N       |
| 050M121000S4   | 592760         | M12           | 1000mm     | 10000N      |
| 050M161000     | 400332         | M16           | 1000mm     | 18000N      |
| 050M81000      | 592590         | M8            | 1000mm     | 4500N       |
| 050M101000     | 592610         | M10           | 1000mm     | 7000N       |
| 050M121000     | 592630         | M12           | 1000mm     | 10000N      |

| Catalog Number | Article Number | Rod Size (RS) | Length (L) | Static Load |
|----------------|----------------|---------------|------------|-------------|
| 050M101000HD   | 592615         | M10           | 1000mm     | 7000N       |
| 050M81000S4    | 592720         | M8            | 1000mm     | 4500N       |
| 050M62000      | 592580         | M6            | 2000mm     | 2400N       |
| 050M103000     | 592670         | M10           | 3000mm     | 7000N       |
| 050M82000      | 592600         | M8            | 2000mm     | 4500N       |
| 050M102000     | 592620         | M10           | 2000mm     | 7000N       |
| 050M83000      | 592660         | M8            | 3000mm     | 4500N       |
| 050M122000     | 592640         | M12           | 2000mm     | 10000N      |
| 050M123000     | 592680         | M12           | 3000mm     | 10000N      |
| 050M63000      | 592650         | M6            | 3000mm     | 2400N       |

Table 2/2

| Catalog Number | Article Number | Rod Size (RS) | Length (L) | Static Load |
|----------------|----------------|---------------|------------|-------------|
| 050M102000S4   | 592750         | M10           | 2000mm     | 7000N       |
| 050M62000S4    | 592710         | M6            | 2000mm     | 2400N       |
| 050M82000S4    | 592730         | M8            | 2000mm     | 4500N       |

## DIAGRAMS

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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