

# THREADED RODS

## Full Threaded Bars

### Standards:-

- ASTM/ASME/BS/DIN/BS EN ISO /JIS

### Material:-

- Mild Steel, Carbon Steel, Alloy Steel & Stainless Steel.

### Size Range:-

- M6 to M100 in metric series
- ¼" to 4" in imperial

### Threads:-

- UNC, 8UN, UNF, Metric Coarse and Metric Fine

### Typical Grades & Standards:-

- ASTM A193 Grade B7, B7M, B8, B8M & B16
- ASTM A320 Grade L7 & L7M
- Stainless Steel 304, 304L, 316, 316L, A2-70/80, A4-70/80
- BS 3692 / BS 4190 grade 4.6, 4.8, 5.6, 5.8, 8.8

Any other specific grade can be manufactured upon request with short lead times.

### Ordering Information:-

- Dimensions - Dia and Length.
- Standard and Grade
- Finish (Black, GI, Yellow, HDG, Cadmium, Nickel, PTFE etc)





**Alloy Steel Threaded Rod**  
**ANSI B.1.1/BS4882**  
**Material to ASMT**  
**A193-B7/B7M/B16/B8 & B8M**

| DIA(D)     | Thread per inch | Weight kg/Ft. |
|------------|-----------------|---------------|
| 1/4" UNC   | 20              | 0.130         |
| 5/16" UNC  | 18              | 0.163         |
| 3/8" UNC   | 16              | 0.195         |
| 7/16" UNC  | 14              | 0.228         |
| 1/2" UNC   | 13              | 0.250         |
| 9/16" UNC  | 12              | 0.293         |
| 5/8" UNC   | 11              | 0.372         |
| 3/4" UNC   | 10              | 0.560         |
| 7/8" UNC   | 9               | 0.771         |
| 1" UNC     | 8               | 1.018         |
| 1.1/8" UNC | 7               | 1.298         |
| 1.1/8" UNS | 8               | 1.298         |
| 1.1/4" UNC | 7               | 1.639         |
| 1.1/4" UNS | 8               | 1.639         |
| 1.3/8" UNC | 6               | 2.032         |
| 1.3/8" UNS | 8               | 2.032         |
| 1.1/2" UNC | 6               | 2.425         |
| 1.1/2" UNS | 8               | 2.425         |
| 1.5/8" UNS | 8               | 2.934         |
| 1.3/4" UNS | 8               | 3.403         |
| 1.7/8" UNS | 8               | 3.911         |
| 2" UNS     | 8               | 4.458         |
| 2.1/4" UNS | 8               | 5.648         |
| 2.1/2" UNS | 8               | 7.115         |
| 2.3/4" UNS | 8               | 8.865         |
| 3" UNS     | 8               | 10.636        |
| 3.1/4" UNS | 8               | 12.200        |
| 3.1/2" UNS | 8               | 15.510        |

**Alloy Steel Threaded Rod to DIN 975**  
**Material to ASMT**  
**A193M-B7/B7M/B16/B8 & B8M**

| DIA(D) | Thread Pitch | Weight kg/Meter. |
|--------|--------------|------------------|
| M6     | 1            | 0.18             |
| M8     | 1.25         | 0.31             |
| M10    | 1.5          | 0.49             |
| M12    | 1.75         | 0.73             |
| M14    | 2            | 0.99             |
| M16    | 2            | 1.33             |
| M18    | 2.5          | 1.64             |
| M20    | 2.5          | 2.06             |
| M22    | 2.5          | 2.55             |
| M24    | 3            | 2.98             |
| M27    | 3            | 3.85             |
| M30    | 3.5          | 4.70             |
| M33    | 3.5          | 5.78             |
| M36    | 4            | 6.85             |
| M39    | 4            | 8.15             |
| M42    | 4.5          | 9.4              |
| M45    | 4.5          | 10.9             |
| M48    | 5            | 12.4             |
| M52    | 5            | 14.65            |
| M56    | 5.5          | 16.9             |
| M64    | 6            | 22.20            |
| M72    | 6            | 28.51            |
| M76    | 6            | 31.96            |