# Tie rods Type 66
# Threaded rods Type 67




threaded rod type 67


tie rod type 66

**Threaded rods / tie rods type 67 D2 19 to 67 50 13 / type 66 46 13 to 66 50 13**

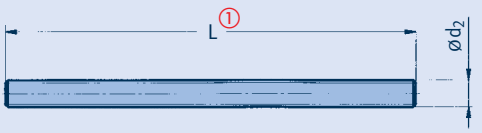
Material:
M10 to M16: S235JR
from M20: S355J2.

**LISEGA threaded rods should only be replaced in kind.**

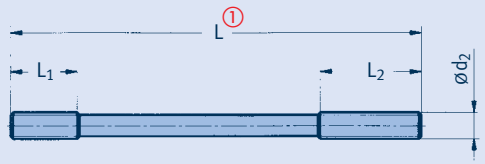
| ø $d_2$ | type designation at L= 500 | 1000 | 1500 | 2000 | 2500 | 3000 | weight [kg/m] |
|---|---|---|---|---|---|---|---|
| M 10 | 67 D2 19 | 67 D3 19 | 67 D4 19 | 67 D5 19 | 67 D6 19 | 67 D7 19 | 0.5 |
| M 12 | 67 22 13 | 67 23 13 | 67 24 13 | 67 25 13 | 67 26 13 | 67 27 13 | 0.7 |
| M 16 | 67 32 13 | 67 33 13 | 67 34 13 | 67 35 13 | 67 36 13 | 67 37 13 | 1.3 |
| M 20 | 67 42 13 | 67 43 13 | 67 44 13 | 67 45 13 | 66 46 13 | 66 47 13 | 2.0 |
| M 24 | 67 52 13 | 67 53 13 | 67 54 13 | 67 55 13 | 66 56 13 | 66 57 13 | 2.9 |
| M 30 | 67 62 13 | 67 63 13 | 67 64 13 | 67 65 13 | 66 66 13 | 66 67 13 | 4.7 |
| M 36 | 67 72 13 | 67 73 13 | 67 74 13 | 67 75 13 | 66 76 13 | 66 77 13 | 6.8 |
| M 42 | 67 82 13 | 67 83 13 | 67 84 13 | 67 85 13 | 66 86 13 | 66 87 13 | 9.3 |
| M 48 | 67 92 13 | 67 93 13 | 67 94 13 | 67 95 13 | 66 96 13 | 66 97 13 | 12.2 |

**Standard lengths avoid problems caused when installation lengths are too short. They can be flexibly adapted by shortening to suit the installation situation on site.**

**Order details:**
threaded rod / tie rod
type 6. .. ..




threaded rod type 67




tie rod type 66

① L=max. 6,000mm, longer lengths on request

Connecting rods from M56x4 can be supplied as threaded rods type 67 or as tie rods type 66 with individual rolled thread lengths.

| Ød2 | type designation (L / $L_1$ / $L_2$ please note at order) | | weight [kg/m] |
|---|---|---|---|
| M 56x4 | 66 10 13 | 67 10 13 | 17.5 |
| M 64x4 | 66 20 13 | 67 20 13 | 23.1 |
| M 68x4 | 66 30 13 | 67 30 13 | 26.2 |
| M 72x4 | 66 40 13 | 67 40 13 | 29.5 |
| M 80x4 | 66 50 13 | 67 50 13 | 36.8 |

**Order details:**
**from M56x4:**
threaded rod / tie rod
type 6. .. ..
L = ...mm
$L_1$ = ...mm
$L_2$ = ...mm