


**GROWER TWIN-LOCK® STANDARD SERIES**
**STAINLESS STEEL AISI 316L EN 10088-2**

| DIMENSIONS AND FEATURES |             |             |                  |                | PACKAGING                    |                          |
|-------------------------|-------------|-------------|------------------|----------------|------------------------------|--------------------------|
| For screws of           | d min.-max. | D min.-max. | h pair min.-max. | Kg/1000 pieces | N° of pcs standard packaging | N° of pcs bulk packaging |
| M 6.0                   | 6.40-6.60   | 10.60-11.00 | 1.75-2.25        | 0.90           | 200                          | 11.000                   |
| 1/4"                    | 7.10-7.30   | 11.30-11.70 | 1.75-2.25        | 0.95           | 200                          | 13.000                   |
| M 8.0                   | 8.60-8.80   | 13.30-13.70 | 1.75-2.25        | 1.25           | 200                          | 7.500                    |
| 3/8"                    | 10.10-10.50 | 16.40-16.80 | 1.75-2.25        | 1.95           | 200                          | 4.500                    |
| M 10.0                  | 10.50-10.90 | 16.40-16.80 | 1.75-2.25        | 1.90           | 200                          | 5.000                    |
| 7/16"                   | 11.20-11.60 | 18.30-18.70 | 1.75-2.25        | 2.60           | 200                          | 3.750                    |
| M 12.0                  | 12.80-13.20 | 19.30-19.70 | 1.75-2.25        | 2.50           | 200                          | 3.750                    |
| 1/2"                    | 13.30-13.70 | 19.30-19.70 | 1.75-2.25        | 2.35           | 200                          | 4.000                    |
| M 14.0                  | 15.00-15.40 | 22.80-23.20 | 2.75-3.25        | 5.20           | 100                          | 1.500                    |
| M 16.0                  | 16.80-17.20 | 25.20-25.60 | 2.75-3.25        | 6.30           | 100                          | 1.300                    |
| M 18.0                  | 19.30-19.70 | 28.80-29.20 | 2.75-3.25        | 8.30           | 100                          | 1.000                    |
| 3/4"                    | 19.80-20.20 | 30.50-30.90 | 2.75-3.25        | 9.60           | 100                          | 950                      |
| M 20.0                  | 21.20-21.60 | 30.50-30.90 | 2.75-3.25        | 8.55           | 100                          | 950                      |

Dimensions in mm

**Technical details:**

Hardness: minimum 530 Hv0.05 after surface hardening treatment.

Chemical analysis of raw material: see table.

For aggressive environments, non acid/chloride environments, no acid chlorine, fluoride, sulphuric.

**Features and specific use:**

Securing system ideal in the presence of vibrations or dynamic loads.

These washers are supplied glued in pairs.