



## MESH

AlSi 304 stainless steel.

## STANDARD EXECUTIONS

- **AVF-A**: plain pass-through hole.
- **AVF-SH**: plain pass-through hole for countersunk-head screws.

## FEATURES AND APPLICATIONS

They are generally used for vibration isolation in compression. Vibrations can cause:

- malfunctioning and reduction of the machine lifespan and/or of the adjacent ones;
- damage to health;
- noise.

They are particularly suitable for use with thrusters, electromechanical equipment, industrial refrigerants, pipe supports, flooring and train carriage panelling.

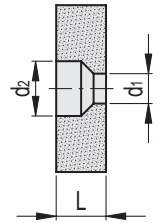
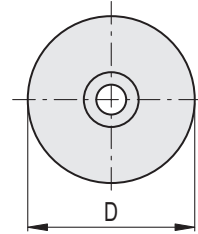
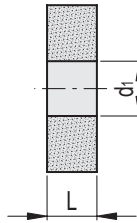
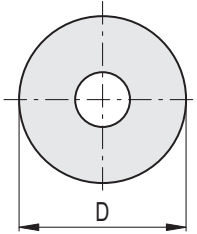
See High performance vibration dampers - Characteristics and selection criteria (on page -).



AVF-A

AVF-SH

| Conversion Table<br>1 mm = 0.039 inch |      |
|---------------------------------------|------|
| mm                                    | inch |
| 42                                    | 1.65 |
| 67                                    | 2.64 |
| 98                                    | 3.86 |
| 150                                   | 5.91 |
| 183                                   | 7.20 |
| 225                                   | 8.86 |



AVF-A

INOX STAINLESS STEEL

METRIC

| Code   | Description           | D ±4 | L ±4 | d1 ±4 | Min load [N] | Max load [N] | Min deflection [mm] | Max. deflection [mm] | ⚖    |
|--------|-----------------------|------|------|-------|--------------|--------------|---------------------|----------------------|------|
| 480071 | AVF-42-10-100-A-16    | 42   | 10   | 16    | 300          | 1000         | 3                   | 4                    | 30   |
| 480051 | AVF-42-30-100-A-16    | 42   | 30   | 16    | 300          | 1000         | 8                   | 12                   | 60   |
| 480073 | AVF-42-10-250-A-16    | 42   | 10   | 16    | 300          | 2500         | 2                   | 3                    | 50   |
| 480053 | AVF-42-20-250-A-16    | 42   | 20   | 16    | 300          | 2500         | 4                   | 7                    | 60   |
| 480075 | AVF-67-10-800-A-40    | 67   | 10   | 40    | 1200         | 8000         | 2                   | 3                    | 70   |
| 480055 | AVF-67-20-800-A-40    | 67   | 20   | 40    | 1200         | 8000         | 3                   | 5                    | 140  |
| 480077 | AVF-67-10-2000-A-30   | 67   | 10   | 30    | 3000         | 20000        | 2                   | 3                    | 80   |
| 480057 | AVF-67-22-2000-A-30   | 67   | 22   | 30    | 3000         | 20000        | 5                   | 8                    | 190  |
| 480079 | AVF-98-12-4000-A-39   | 98   | 12   | 39    | 4000         | 40000        | 3                   | 5                    | 200  |
| 480059 | AVF-98-26-4000-A-39   | 98   | 26   | 39    | 4000         | 40000        | 6                   | 9                    | 410  |
| 480081 | AVF-150-15-6500-A-49  | 150  | 15   | 49    | 8000         | 65000        | 7                   | 9                    | 590  |
| 480061 | AVF-150-30-6500-A-49  | 150  | 30   | 49    | 8000         | 65000        | 8                   | 11                   | 950  |
| 480083 | AVF-183-15-9300-A-68  | 183  | 15   | 68    | 10000        | 93000        | 7                   | 9                    | 770  |
| 480063 | AVF-183-32-9300-A-68  | 183  | 32   | 68    | 10000        | 93000        | 9                   | 13                   | 1380 |
| 480065 | AVF-225-35-15000-A-46 | 225  | 35   | 46    | 20000        | 150000       | 12                  | 16                   | 2450 |

AVF-SH

INOX STAINLESS STEEL

METRIC

| Code   | Description          | D ±4 | L ±4 | d1 ±4 | d2 ±4 | Min load [N] | Max load [N] | Min deflection [mm] | Max. deflection [mm] | ⚖   |
|--------|----------------------|------|------|-------|-------|--------------|--------------|---------------------|----------------------|-----|
| 480091 | AVF-42-30-100-SH-10  | 42   | 30   | 10    | 16    | 300          | 1000         | 6                   | 10                   | 60  |
| 480093 | AVF-42-20-250-SH-10  | 42   | 20   | 10    | 16    | 300          | 2500         | 2                   | 6                    | 60  |
| 480095 | AVF-67-20-800-SH-12  | 67   | 20   | 12    | 20    | 1200         | 8000         | 4                   | 7                    | 150 |
| 480097 | AVF-67-22-2000-SH-12 | 67   | 22   | 12    | 20    | 3000         | 20000        | 5                   | 8                    | 150 |
| 480099 | AVF-98-26-4000-SH-16 | 98   | 26   | 16    | 30    | 4000         | 40000        | 7                   | 10                   | 300 |

The min. load is the value below which the vibration damper is not able to isolate the vibrations as it would be too rigid.

The max load is the value beyond which some type of failure may occur that compromises the functionality of the vibration damper.

The min.deflection is the crushing of the vibration-damping support corresponding to the min. load.

The max.deflection is the crushing of the vibration-damping support corresponding to the max. load.