

Metal Cushions

Stainless steel

MESH

AISI 304 stainless steel.

STANDARD EXECUTIONS

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

FEATURES AND APPLICATIONS

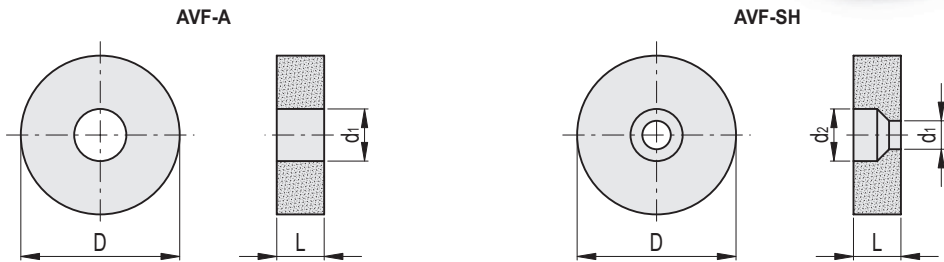
They are generally used for vibration isolation in compression.

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

STAINLESS STEEL

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-68	225	35	46	20000	150000	12	16	2450

AVF-SH

STAINLESS STEEL

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.