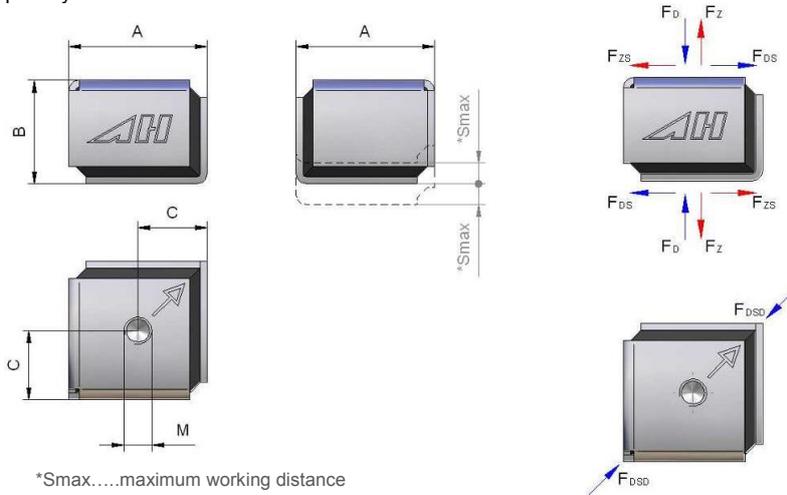


# Rubber Vibration Absorber

M8, M10, M12 & M16 threads

The **asa** rubber vibration absorbers are rubber metal connected parts to absorb impact loads on components as protection and to extend the life time. The patented solution is especially equipped for highest shear loads. An assembly system controlled by arrows on the metal parts helps to optimize and raise the load capability of the vibration absorber.



## Dimensions

order number	description	A [mm]	B [mm]	C [mm]	M	Smax [mm]	weight [kg]
MDGQ403008IIK	40x40x30 M8	40	30	20	M8 x 10	± 3	0,127
MDGQ504510IIK	50x50x45 M10	50	45	25	M10 x 12	± 6	0,280
MDGQ755512IIK	75x75x55 M12	75	55	37,5	M12 x 15	± 8	0,659
MDGQ1007516IIK	100x100x75 M16	100	75	50	M16 x 16,5	± 9	1,920

## Load Capacities, Maximum Static Loads

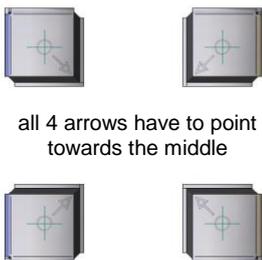
order number	description	compression $F_D$ [N]	tension $F_Z$ [N]	compression/shear $F_{DS}$ [N]	tension/shear $F_{ZS}$ [N]	compression/shear diagonal $F_{DSD}$ [N]
MDGQ403008IIK	40x40x30 M8	800	250	700	350	950
MDGQ504510IIK	50x50x45 M10	2000	1450	1550	1500	2250
MDGQ755512IIK	75x75x55 M12	4250	2250	2600	2200	3850
MDGQ1007516IIK	100x100x75 M16	11700	8800	6900	6350	8350

## Spring Rates

order number	description	compression $C_D$ [N/mm]	tension $C_Z$ [N/mm]	compression/shear $C_{DS}$ [N/mm]	tension/shear $C_{ZS}$ [N/mm]	compression/shear diagonal $C_{DSD}$ [N/mm]
MDGQ403008IIK	40x40x30 M8	267	83	233	117	317
MDGQ504510IIK	50x50x45 M10	333	241	258	250	375
MDGQ755512IIK	75x75x55 M12	531	281	325	275	481
MDGQ1007516IIK	100x100x75 M16	1301	982	770	709	932

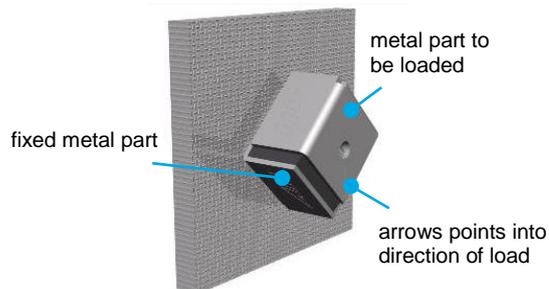
## Assembly Instructions

assembly of 4 vibration absorbers::



all 4 arrows have to point towards the middle

best mounting position:



## Material

metal	zinc coated
elastomer	natural rubber
working temperature range	-30°C to +80°C

## Options

stainless steel type	700h salt spray tested according ISO 12944-2
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This data sheet shows a technical overview of our products. Please contact us if more exact information is needed. As we are constantly improving our products, their characteristics, dimensions and weights may also change, although we do our best to incorporate these changes, continually. The information in this data sheet is intended to be used as a first general guideline only. asa assumes no liability for any information therein, any errors, omissions, misprints, nor any direct or indirect damages, losses or costs resulting therefrom. The cooling performance and the general technical values indicated in this catalogue are measured at a test bench according to asa testing procedures. Because there is no standardized testing procedure, tests used by other manufacturers could have different results. Due to different conditions in testing and application environments the cooling performance may also vary by +/- 15%. Therefore we recommend all coolers to be checked under the system operating conditions. This is also true of vibrations and mechanical stress as well as for pressure peaks and thermal stress and any other relevant factors.