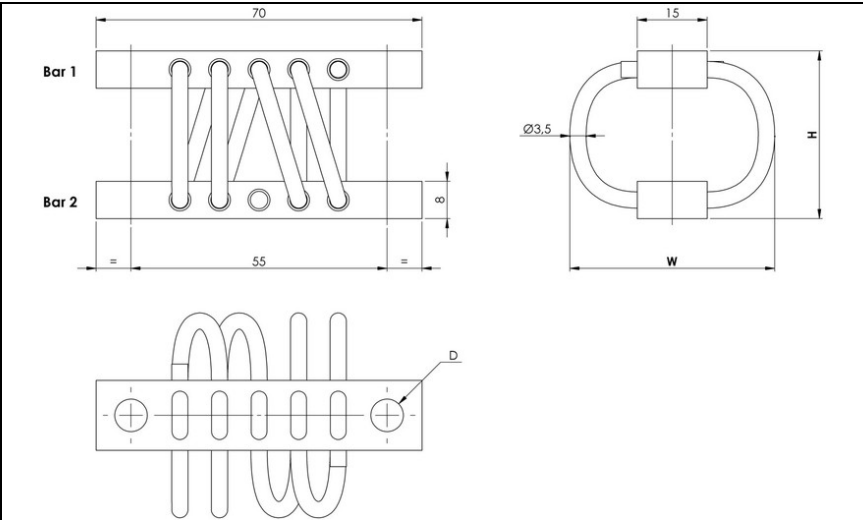


WIRE ROPE ISOLATOR



- All metal multidirectional anti-vibration/shock mounts
 - Exceptional reliability and long life
 - High damping
 - No aging
 - Corrosion resistant
 - Unequalled temperature range : - 180°C to 300°C (-290°F to 570°F)
 - Great adaptability/versatility
- Specials on request**
(material size and number of loops, etc.)

Dimensions are in millimeters. For reference only

SERIES
Materials and finishes (meets RoHS requirements)
HH04
Cable: stainless steel
Retainer bars: aluminium alloy/ SurTec
Other materials on request

MODEL			
	height H (mm)	width W (mm)	weight (kg)
	28	37	0.05
	30	39	0.05
	33	42	0.06
	36	44	0.06
	38	47	0.06
	41	49	0.06
	44	52	0.06
	51	61	0.07
	53	63	0.07
	54	71	0.07
	57	80	0.07

INTERFACES			
fixtures holes D	Bar 1		
	2 through holes ø7mm	2 through holes ø7mm countersunk 90°	2 x M6
Bar 2			
2 through holes ø7mm	TM2	not standard	not standard
2 through holes ø7mm countersunk 90°	TCM	CM2	not standard
2 x M6	TIM	CIM	IM2

H	H	0	4	0	4	C	I	M
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SERIE: HH04
'Half-Helical' mount from
the HH04 series

height: 28mm
width: 37mm
standard is 04 loops
weight: 0.05kg

INTERFACE: CIM
2 through holes ø7mm
countersunk 90° in bar 1,
2 x M6 in bar 2



217 × 238	COMPRESSION AND TENSION												
	HH04 Series	Model											
	1.Max Static	F daN	12.3	10.8	9	8	7	6.2	5.5	3.9	3.7	2.8	2.2
		d mm	2	2.3	2.8	3.1	3.5	3.8	4.3	5.6	5.9	6.3	6.8
	2.Max Shock	F daN	36.8	32.4	27.1	24.1	20.8	18.8	16.4	11.8	11	8.4	6.5
		d mm	10	12	15	18	19	22	25	31	33	34	36
	3.Max Vibration	2a mm	1.2	1.4	1.7	2	2.2	2.5	2.8	3.5	3.7	3.8	4.1
		f Hz	14.1	13.1	11.9	11.1	10.5	10	9.4	8.4	8.1	7.9	7.5
	1.Max Static	F daN	12.3	10.8	9	8	7	6.2	5.5	3.9	3.7	2.8	2.2
		d mm	1.4	1.6	1.9	2.1	2.4	2.6	2.8	3.8	4	5	6
2.Max Shock	F daN	117	101	83.4	70	62.6	54.1	47.1	35.2	32.8	29.3	25.1	
	d mm	5	6	7	8	9	9	10	15	15	22	29	
3.Max Vibration	2a mm	0.7	0.7	0.8	0.9	1	1.1	1.2	1.6	1.7	2.5	3.3	
	f Hz	19.6	18.4	17	16.6	15.3	15	14.2	12.2	11.9	10.2	9.1	

217 × 238	COMPRESSION/ROLL 45° - TENSION/ROLL 45°												
	HH04 Series	Model											
	1.Max Static	F daN	9.2	8.1	6.8	6	5.2	4.7	4.1	2.9	2.8	2.1	1.6
		d mm	2.6	3	3.8	3.7	4	4.7	5.3	6.3	6.7	9.3	9.4
	2.Max Shock	F daN	23.8	20.9	17.4	15.3	13.3	11.9	10.4	7.5	7	5.5	4.3
		d mm	16	18	22	27	29	33	37	47	49	51	55
	3.Max Vibration	2a mm	1.8	2.1	2.5	3	3.3	3.7	4.2	5.2	5.5	5.6	6.1
		f Hz	10.6	9.8	8.9	8.4	8	7.5	7.1	6.3	6.2	5.8	5.6
	1.Max Static	F daN	9.2	8.1	6.8	6	5.2	4.7	4.1	2.9	2.8	2.1	1.6
		d mm	1.7	1.9	2.5	2.7	3	3.3	3.7	4.7	4.9	6.3	6.9
2.Max Shock	F daN	58.3	50.3	41.2	34.5	30.9	26.6	23.2	17.4	16.2	14.6	12.6	
	d mm	6	7	8	9	10	11	12	17	18	25	34	
3.Max Vibration	2a mm	0.8	0.8	1	1	1.2	1.2	1.4	1.9	2	2.8	3.8	
	f Hz	15.8	14.8	13.8	13.4	12.4	12.1	11.5	9.8	9.6	8.3	7.3	

217 × 238	SHEAR OR ROLL												
	HH04 Series	Model											
	1.Max Static	F daN	6.1	5.4	4.5	4	3.5	3.1	2.7	2	1.8	1.4	1.1
		d mm	2.5	3.1	3.6	4.6	4.8	5.5	6.7	8.2	8.5	8.4	9.6
	2.Max Shock	F daN	32.7	27.5	21.9	17.8	15.9	13.4	11.6	8.6	7.9	7.2	6.1
		d mm	9	11	13	14	16	18	20	26	27	33	39
	3.Max Vibration	2a mm	1.1	1.2	1.4	1.6	1.8	2	2.2	2.9	3.1	3.6	4.4
		f Hz	5.6	5.3	4.9	4.7	4.4	4.3	4.1	3.6	3.5	3	2.7
	1. Max static load (F) with corresponding deflection (d) 2. Max shock load (F) with corresponding deflection (d) 3. Uncoupled resonant frequency (f) under max static loading 1. and max peak to peak sinusoidal vibration input (2a)												
	*IMPORTANT: Performance characteristics are given here for reference only. They can be increased under specific conditions. Contact us												

TYPICAL SHOCK/VIBRATION SPECIFICATIONS:

Air	AIR 7306, MIL-E-5400, MIL-C-172, MIL-STD-810
Ground Forces	GAM EG13A, SEFT 001, MIL-STD-810, VG 9533
Marine	GAM EG13C, IT25-21/96-31/15-86, MIL-S-167, MIL-S-901, STANAG 042, BV 043.73, BV 044
Others	GAM EMB1, GAM EMBT4, DEF STAN 07-55, IEC 571, FINABEL 2C

