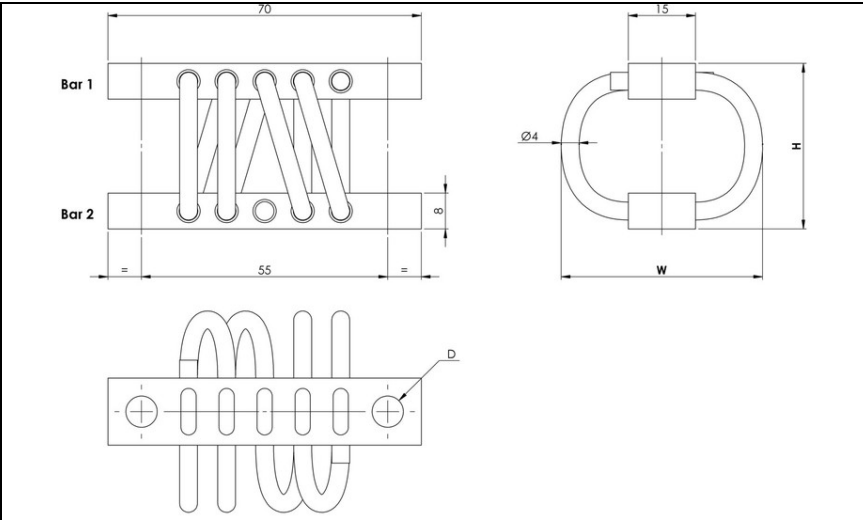


WIRE ROPE ISOLATOR

DEFINITION
series HH05



- 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)
HH05
Cable: stainless steel
Retainer bars: aluminium alloy/ SurTec
Other materials on request

MODEL	height H (mm)	width W (mm)	weight (kg)
	29	38	0.06
	31	40	0.06
	34	43	0.06
	37	45	0.06
	39	48	0.07
	42	50	0.07
	45	53	0.07
	52	62	0.08
	54	64	0.08
	54	72	0.08
	58	81	0.08

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	5	0	4	C	I	M
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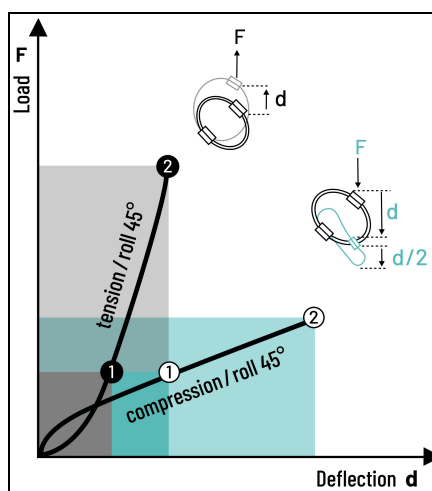
SERIE: HH05
'Half-Helical' mount from
the HH05 series

height:
29mm
width:
38mm
standard is
04 loops
weight:
0.06kg

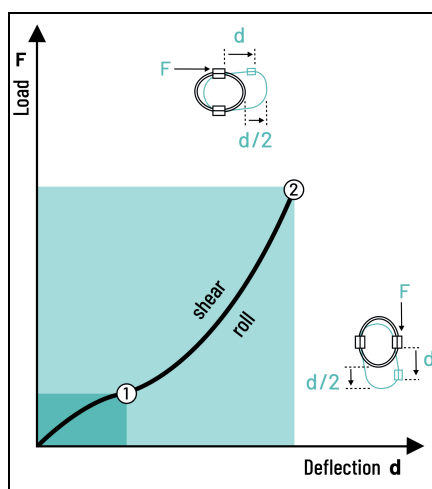
INTERFACE: CIM
2 through holes ø7mm
countersunk 90° in bar 1,
2 x M6 in bar 2



217 × 238		COMPRESSION AND TENSION												
		HH05 Series		Model										
		1.Max Static	F daN	20.9	18.4	15.5	13.7	11.9	10.8	9.4	6.8	6.3	4.9	3.8
			d mm	2.1	2.4	2.9	3.2	3.6	3.9	4.3	5.7	6	6.3	7
		2.Max Shock	F daN	62.8	55.3	46.4	41.2	35.8	32.2	28.3	20.4	19	14.6	11.3
			d mm	11	13	16	18	20	23	26	32	34	34	37
		3.Max Vibration	2a mm	1.3	1.5	1.8	2.1	2.3	2.6	2.9	3.6	3.8	3.8	4.2
			f Hz	13.6	12.7	11.6	10.9	10.3	9.8	9.3	8.3	8	7.8	7.4
		1.Max Static	F daN	20.9	18.4	15.5	13.7	11.9	10.8	9.4	6.8	6.3	4.9	3.8
			d mm	1.5	1.7	2	2.1	2.4	2.6	2.9	3.8	4	5.1	6.1
2.Max Shock	F daN	192	167	138	117	105	91.4	79.9	60.2	56	51.5	43.3		
	d mm	5	6	7	8	9	9	10	14	15	23	29		
3.Max Vibration	2a mm	0.6	0.7	0.8	0.9	1	1.1	1.2	1.6	1.7	2.5	3.3		
	f Hz	19.5	18.4	17	16.5	15.3	14.9	14.2	12.2	11.9	10.2	9.1		



COMPRESSION/ROLL 45° - TENSION/ROLL 45°												
HH05 Series		Model										
1.Max Static	F daN	15.7	13.8	11.6	10.3	9	8.1	7.1	5.1	4.8	3.6	2.8
	d mm	2.9	3.4	3.3	4	4.2	5	5.6	6.6	7	9.2	9.7
2.Max Shock	F daN	40.4	35.5	29.7	26.1	22.8	20.4	17.8	13	12.1	9.6	7.6
	d mm	17	20	24	28	31	35	39	48	51	51	56
3.Max Vibration	2a mm	1.9	2.2	2.7	3.1	3.4	3.9	4.3	5.4	5.6	5.6	6.2
	f Hz	10.2	9.5	8.8	8.2	7.8	7.4	7	6.2	6.1	5.8	5.6
1.Max Static	F daN	15.7	13.8	11.6	10.3	9	8.1	7.1	5.1	4.8	3.6	2.8
	d mm	1.9	2.1	2.4	2.7	2.9	3.2	3.6	4.6	4.8	6.5	7.8
2.Max Shock	F daN	95.4	82.9	68.5	57.8	51.9	44.9	39.3	29.7	27.6	25.7	21.7
	d mm	6	7	8	9	10	11	12	17	17	26	33
3.Max Vibration	2a mm	0.8	0.8	1	1	1.2	1.2	1.4	1.9	2	2.9	3.7
	f Hz	15.8	14.8	13.7	13.4	12.3	12.1	11.4	9.8	9.6	8.2	7.4



SHEAR OR ROLL												
HH05 Series		Model										
1.Max Static	F daN	10.5	9.2	7.7	6.9	6	5.4	4.7	3.4	3.2	2.4	1.9
	d mm	2.8	3.1	4	4.6	5.4	6.1	6.7	8.1	9.4	8.5	9.6
2.Max Shock	F daN	52.7	44.8	36	29.6	26.5	22.5	19.5	14.6	13.5	12.6	10.4
	d mm	10	11	13	15	17	18	20	26	28	33	40
3.Max Vibration	2a mm	1.1	1.3	1.5	1.7	1.9	2.1	2.3	3	3.1	3.7	4.4
	f Hz	5.5	5.2	4.9	4.7	4.4	4.3	4.1	3.5	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