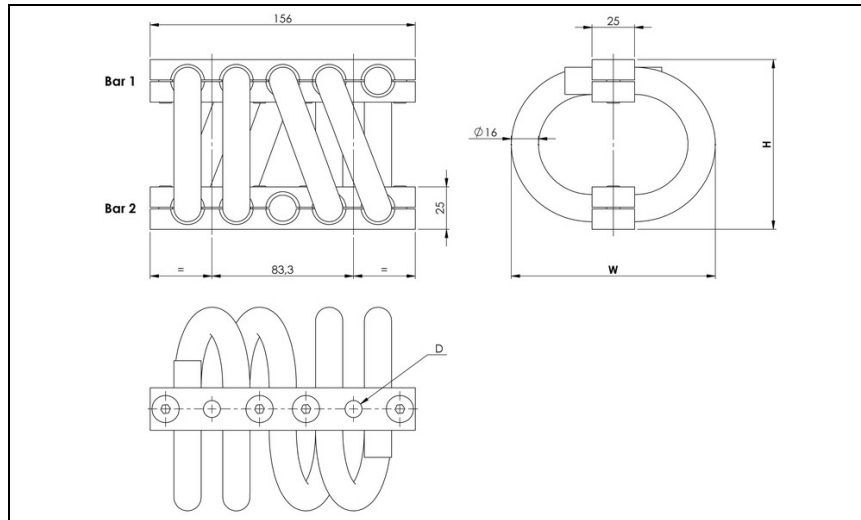


WIRE ROPE ISOLATOR

DEFINITION
series HH60



- 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)
HH60
Cable: stainless steel galvanized available: HHG
Retainer bars: aluminium alloy/ SurTec
Screws: alloy steel/zinc plate
Inserts: stainless steel
All stainless steel: HHSS
Other materials on request

MODEL	height H (mm)	width W (mm)	weight (kg)
-20	87	102	1.4
-24	94	112	1.5
-28	98	120	1.6
-32	107	135	1.7
-36	117	152	1.9
-44	125	165	2.1
-46	135	178	2.3
-48	146	185	2.3

INTERFACES			
fixtures holes D	Bar 1		
	2 through holes ø10,8mm	2 through holes ø10,8mm countersunk 90°	2 inserts M10
Bar 2			
2 through holes ø10,8mm	TM2	not standard	not standard
2 through holes ø10,8mm countersunk 90°	TCM	CM2	not standard
2 inserts M10	TIM	CIM	IM2

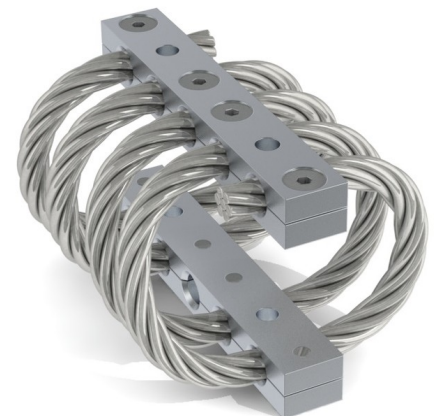
H	H	6	0	-	2	0	0	4	C	I	M
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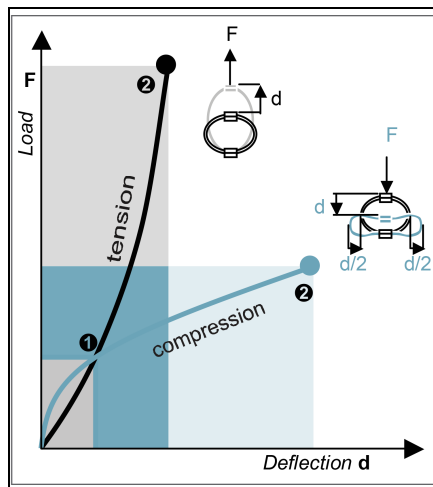
SERIE: HH60
'Half-Helical' mount from
the HH60 series

MODEL: -20
height: 87mm
width: 102mm
weight: 1.4kg

LOOPS: 04
Serie
standard is
04 loops

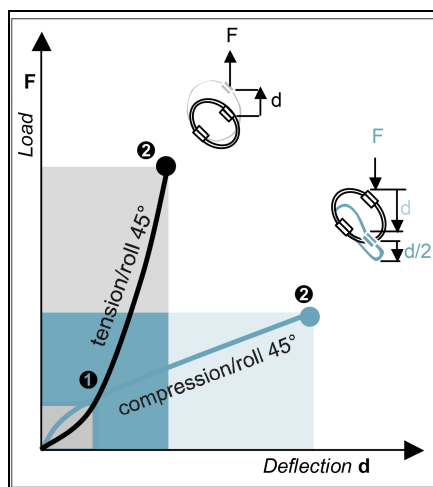
INTERFACE: CIM
2 through holes ø10,8mm
countersunk 90° in bar 1,
2 inserts M10 in bar 2





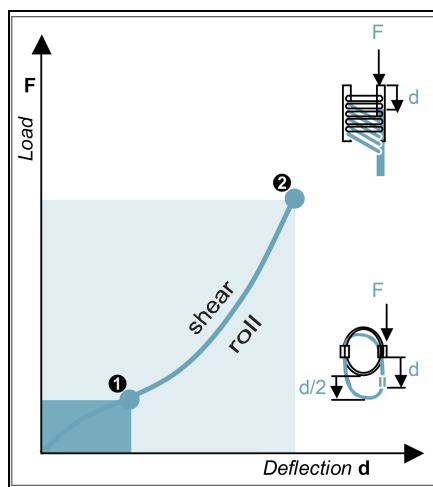
COMPRESSION AND TENSION

HH60 Series	Model	-20	-24	-28	-32	-36	-44	-46	-48
1.Max Static	F daN	415	340	290	225	175	148	128	121
	d mm	6.1	7.3	8	9.5	11.1	12.4	14.1	15.9
2.Max Shock	F daN	1246	1021	872	676	527	446	385	363
	d mm	33	39	43	51	60	67	76	86
3.Max Vibration	2a mm	3.7	4.4	4.8	5.6	6.6	7.4	8.4	9.5
	f Hz	8	7.3	7	6.4	5.8	5.5	5.2	4.9
1.Max Static	F daN	415	340	290	225	175	148	128	121
	d mm	4.8	5.9	6.7	8.3	10.1	11.5	12.9	13.6
2.Max Shock	F daN	4293	3589	3210	2598	2109	1820	1555	1361
	d mm	21	26	31	40	51	59	65	65
3.Max Vibration	2a mm	2.4	2.9	3.5	4.5	5.6	6.5	7.2	7.2
	f Hz	10.5	9.4	8.7	7.8	7	6.5	6.2	6.1



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

HH60 Series	Model	-20	-24	-28	-32	-36	-44	-46	-48
1.Max Static	F daN	311	255	218	169	131	111	96.5	90.9
	d mm	9.1	10.7	11.3	13.1	18.1	20	22.8	22.4
2.Max Shock	F daN	819	674	580	453	355	302	260	242
	d mm	49	59	64	76	90	101	114	129
3.Max Vibration	2a mm	5.5	6.5	7.1	8.5	10	11.1	12.6	14.3
	f Hz	5.9	5.4	5.2	4.8	4.3	4.1	3.9	3.7
1.Max Static	F daN	311	255	218	169	131	111	96.5	90.9
	d mm	5.9	7.5	8.1	10.8	12.2	14.4	15.8	17
2.Max Shock	F daN	2138	1790	1605	1302	1059	915	781	681
	d mm	24	30	36	46	58	67	75	74
3.Max Vibration	2a mm	2.7	3.3	4	5.1	6.4	7.5	8.3	8.2
	f Hz	8.5	7.7	7.1	6.3	5.6	5.3	5	4.9



SHEAR OR ROLL

HH60 Series	Model	-20	-24	-28	-32	-36	-44	-46	-48
1.Max Static	F daN	207	170	145	112	87.9	74.4	64.3	60.6
	d mm	7.9	9.5	9.7	12.3	15.2	17.4	19.1	21.5
2.Max Shock	F daN	1202	978	862	680	538	458	387	337
	d mm	31	38	44	54	66	76	85	89
3.Max Vibration	2a mm	3.5	4.3	4.9	6	7.3	8.4	9.4	9.9
	f Hz	3	2.7	2.5	2.2	2	1.9	1.8	1.8

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

