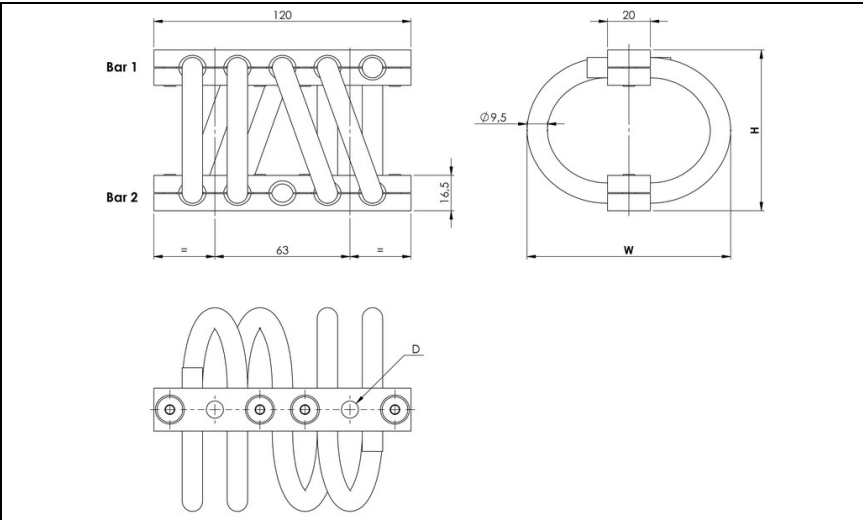


WIRE ROPE ISOLATOR

DEFINITION
series HH44



- 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)
HH44
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	68	80	0.45
-24	71	84	0.46
-32	74	90	0.48
-36	77	104	0.52
-38	89	108	0.55
-44	105	121	0.62
-46	108	140	0.66
-48	124	143	0.70
-50	134	153	0.75
-52	155	180	0.85
-54	166	186	0.89

INTERFACES			
fixtures holes D	Bar 1		
	2 through holes ø8,8mm	2 through holes ø8,8mm countersunk 90°	2 inserts M8
Bar 2			
2 through holes ø8,8mm	TM2	not standard	not standard
2 through holes ø8,8mm countersunk 90°	TCM	CM2	not standard
2 inserts M8	TIM	CIM	IM2

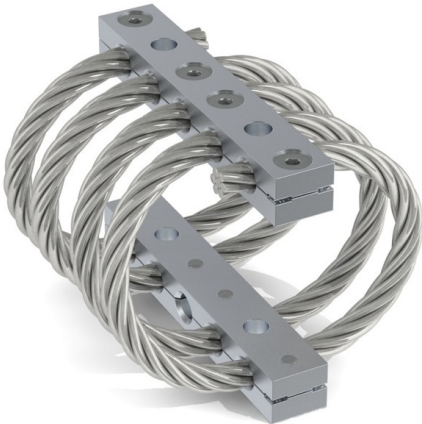
H	H	4	4	-	2	0	0	4	C	I	M
---	---	---	---	---	---	---	---	---	---	---	---

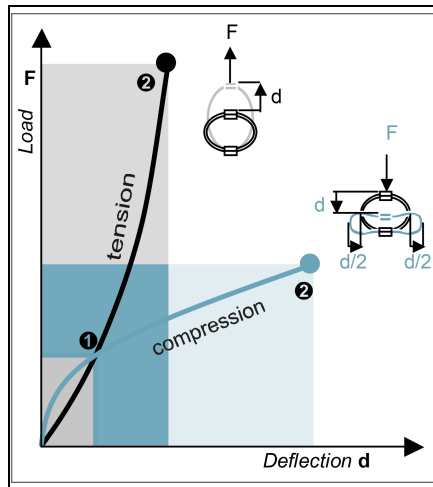
SERIE: HH44
'Half-Helical' mount from
the HH44 series

MODEL: -20
height: 68mm
width: 80mm
weight: 0.45kg

LOOPS: 04
Serie
standard is
04 loops

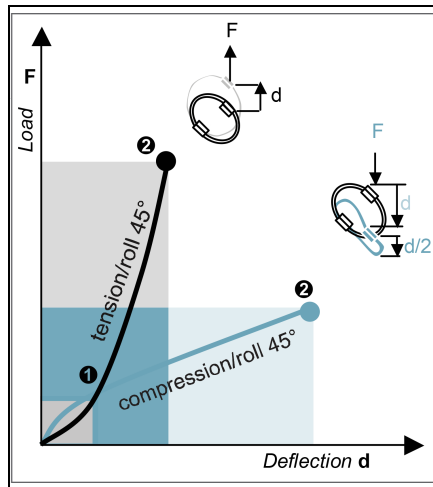
INTERFACE: CIM
2 through holes ø8,8mm
countersunk 90° in bar 1,
2 inserts M8 in bar 2





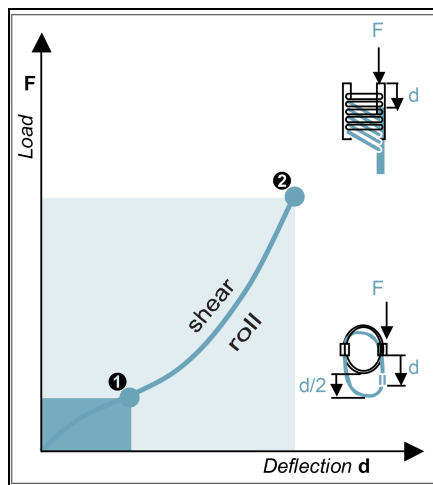
COMPRESSION AND TENSION

HH44 Series	Model	-20	-24	-32	-36	-38	-44	-46	-48	-50	-52	-54
1.Max Static	F daN	96.6	87.5	74.7	53	51.1	41.1	30	29.6	26	19	18
	d mm	5.8	6.3	6.8	7.3	9.3	12	12.4	15.1	16.8	20.3	21.7
2.Max Shock	F daN	289	262	224	159	153	123	89.9	88.7	77.9	57.1	53.9
	d mm	31	34	36	39	50	64	67	81	90	109	119
3.Max Vibration	2a mm	3.5	3.8	4.1	4.4	5.5	7.1	7.4	9	10	12.1	13.2
	f Hz	8.2	7.9	7.6	7.2	6.5	5.8	5.6	5.1	4.9	4.4	4.3
1.Max Static	F daN	96.6	87.5	74.7	53	51.1	41.1	30	29.6	26	19	18
	d mm	4.2	4.6	5.3	6.8	7.2	8.4	10.7	10.6	11.6	14.5	14.9
2.Max Shock	F daN	933	853	763	654	519	387	337	279	242	182	164
	d mm	17	19	23	35	31	34	51	43	47	60	59
3.Max Vibration	2a mm	1.9	2.2	2.6	3.9	3.5	3.8	5.6	4.8	5.2	6.7	6.6
	f Hz	11.4	10.8	10	8.5	8.6	8.1	6.9	7.2	6.9	6.1	6.1



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

HH44 Series	Model	-20	-24	-32	-36	-38	-44	-46	-48	-50	-52	-54
1.Max Static	F daN	72.5	65.6	56	39.8	38.3	30.8	22.5	22.2	19.5	14.3	13.5
	d mm	7.4	8	10.2	11.7	11.4	15.6	17.5	19.7	22	26.1	29.5
2.Max Shock	F daN	188	170	147	107	100	79.7	60	57.3	50.2	37	34.6
	d mm	47	51	55	59	75	97	101	122	136	164	179
3.Max Vibration	2a mm	5.2	5.6	6.1	6.5	8.3	10.7	11.1	13.5	15	18.1	19.8
	f Hz	6.2	6	5.6	5.4	4.9	4.3	4.2	3.8	3.6	3.3	3.2
1.Max Static	F daN	72.5	65.6	56	39.8	38.3	30.8	22.5	22.2	19.5	14.3	13.5
	d mm	5.2	5.8	6.4	8.6	8.5	9.9	13.3	12.7	15.4	17.7	19
2.Max Shock	F daN	462	423	380	329	258	191	168	138	120	90.3	81.4
	d mm	20	22	26	40	35	39	58	50	54	69	68
3.Max Vibration	2a mm	2.2	2.5	2.9	4.4	4	4.3	6.4	5.5	6	7.6	7.5
	f Hz	9.2	8.8	8.1	6.9	7	6.5	5.6	5.8	5.6	5	5



SHEAR OR ROLL

HH44 Series	Model	-20	-24	-32	-36	-38	-44	-46	-48	-50	-52	-54
1.Max Static	F daN	48.3	43.8	37.3	26.5	25.6	20.6	15	14.8	13	9.5	9
	d mm	7.1	7.8	9.2	9	12	16.5	16.6	20.8	25	28.1	31.2
2.Max Shock	F daN	246	223	198	166	130	94.9	82.4	67.5	58.1	43.3	38.8
	d mm	28	31	35	45	47	57	70	72	79	98	102
3.Max Vibration	2a mm	3.1	3.4	3.9	5	5.2	6.3	7.7	8	8.7	10.8	11.3
	f Hz	3.3	3.1	2.9	2.4	2.5	2.4	2	2.1	2	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