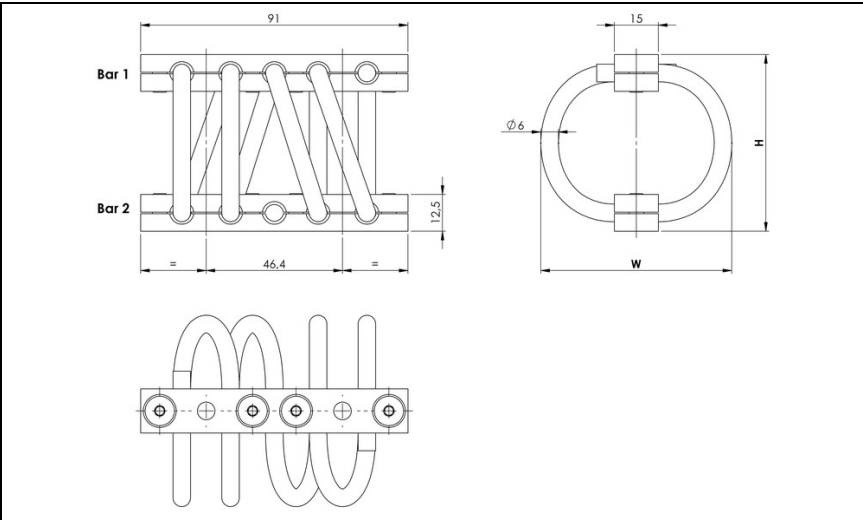


WIRE ROPE ISOLATOR

DEFINITION
series HH28



- 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)
HH28
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)
-16	45	54	0.16
-32	51	61	0.17
-34	56	69	0.18
-36	60	78	0.20
-38	60	87	0.21
-40	64	93	0.21
-44	64	98	0.22
-46	79	106	0.24
-48	95	127	0.28

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

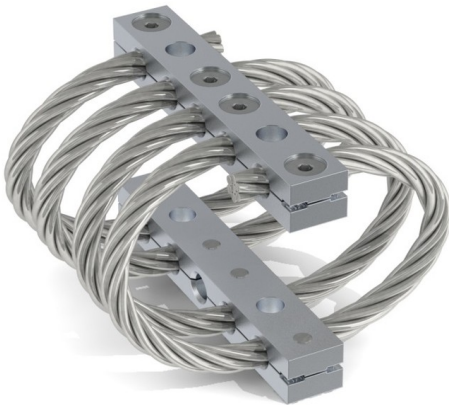
H	H	2	8	-	1	6	0	4	C	I	M
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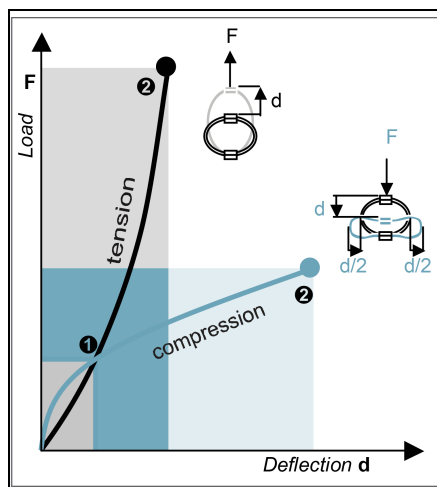
SERIE: HH28
'Half-Helical' mount from
the HH28 series

MODEL: -16
height: 45mm
width: 54mm
weight: 0.16kg

LOOPS: 04
Serie
standard is
04 loops

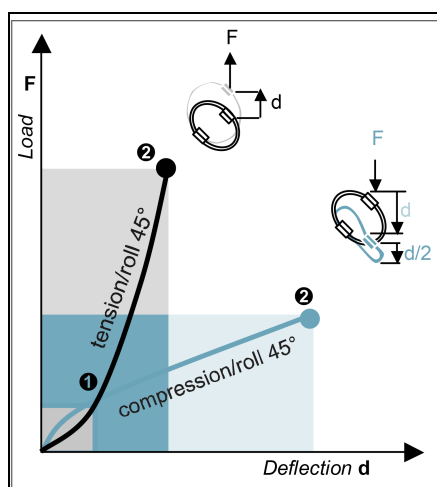
INTERFACE: CIM
2 through holes ø7mm
countersunk 90° in bar 1,
2 inserts M6 in bar 2





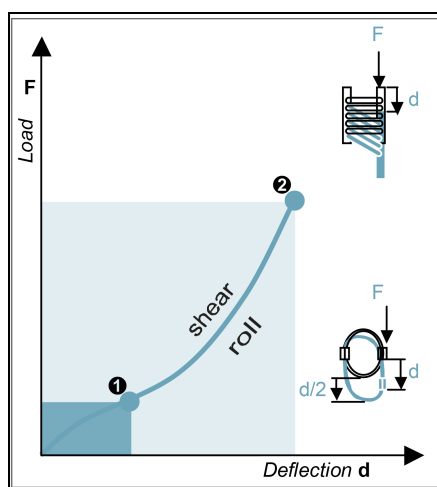
COMPRESSION AND TENSION

HH28 Series	Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1.Max Static	F daN	39.9	30.8	23.6	18	13.8	12.2	10.8	9.8	7
	d mm	3.3	4.3	5.2	5.8	5.8	6.5	6.5	9	11.6
2.Max Shock	F daN	119	92.5	70.8	54.1	41.6	36.6	32.3	29.6	21.1
	d mm	18	23	27	31	31	35	35	48	63
3.Max Vibration	2a mm	2	2.6	3.1	3.5	3.5	3.9	3.9	5.4	6.9
	f Hz	10.8	9.5	8.7	8.1	8	7.6	7.5	6.5	5.7
1.Max Static	F daN	39.9	30.8	23.6	18	13.8	12.2	10.8	9.8	7
	d mm	2.7	3.4	4.2	5.2	5.8	6.5	6.5	8.2	10.5
2.Max Shock	F daN	421	319	255	213	200	175	124	119	84
	d mm	12	15	19	26	36	40	40	42	53
3.Max Vibration	2a mm	1.3	1.7	2.2	2.9	4	4.4	4.5	4.6	5.8
	f Hz	14	12.5	11	9.8	8.6	8.2	8	7.7	6.9



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

HH28 Series	Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1.Max Static	F daN	29.9	23.1	17.7	13.5	10.4	9.2	8.1	7.4	5.3
	d mm	4.8	6.4	7.4	7.9	8.7	9.7	11.2	14.5	15.8
2.Max Shock	F daN	79	60.9	46.9	36.4	28.8	25.4	22.7	20	14.2
	d mm	27	35	41	47	47	52	52	72	94
3.Max Vibration	2a mm	3	3.9	4.6	5.2	5.2	5.8	5.8	8	10.4
	f Hz	8.1	7.1	6.5	6.1	6	5.7	5.6	4.8	4.3
1.Max Static	F daN	29.9	23.1	17.7	13.5	10.4	9.2	8.1	7.4	5.3
	d mm	3.4	4.2	4.9	6.1	7.4	8.1	7.9	10.2	12.5
2.Max Shock	F daN	210	159	127	107	101	88.8	65.1	60.2	42.2
	d mm	13	17	22	29	41	45	46	48	60
3.Max Vibration	2a mm	1.5	1.9	2.5	3.3	4.6	5	5.2	5.3	6.7
	f Hz	11.4	10.1	8.9	7.9	7	6.7	6.5	6.2	5.5



SHEAR OR ROLL

HH28 Series	Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1.Max Static	F daN	19.9	15.4	11.8	9	6.9	6.1	5.4	4.9	3.5
	d mm	4.4	5.3	6.8	7.7	8.1	8.8	8.8	12	17.1
2.Max Shock	F daN	116	85	66.5	54.3	49.3	42.6	35	29.2	20.1
	d mm	17	22	28	34	41	46	46	54	69
3.Max Vibration	2a mm	1.9	2.5	3.1	3.8	4.6	5.1	5.2	6	7.6
	f Hz	4	3.6	3.2	2.8	2.5	2.4	2.4	2.3	2

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