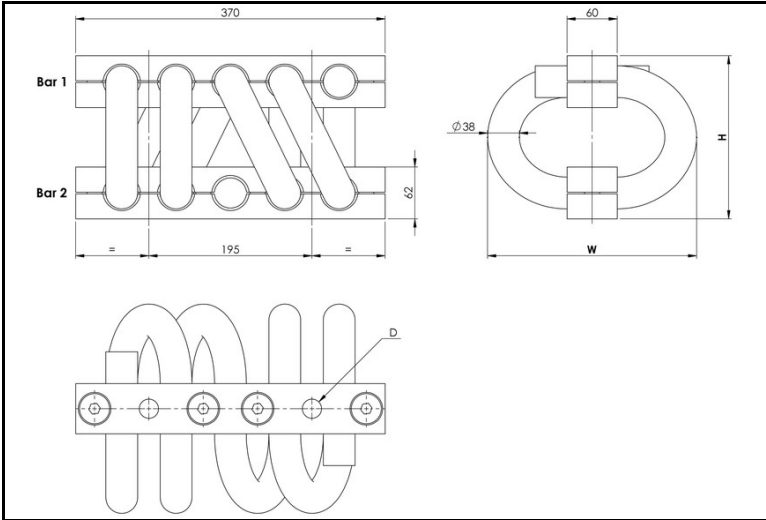


WIRE ROPE ISOLATOR

DEFINITION
series HH21



- 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)
HH21 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)
-10	195	250	19
-12	230	280	21,5
-15	260	320	24,2

INTERFACES	Bar 1		
fixtures holes D	2 through holes ø21,5mm	2 through holes ø21,5mm countersunk 90°	2 inserts M20
Bar 2	2 through holes ø21,5mm	TM2	not standard
2 through holes ø21,5mm countersunk 90°	TCM	CM2	not standard
2 inserts M20	TIM	CIM	IM2

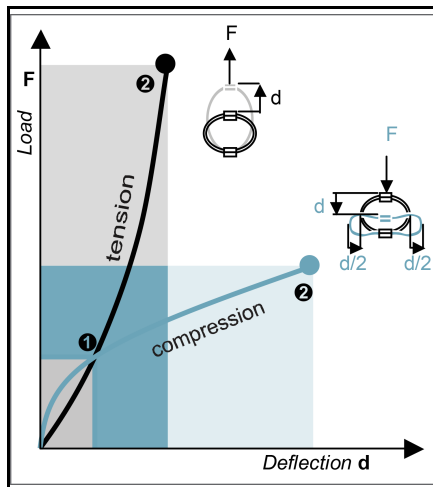
H	H	2	1	-	1	0	C	I	M
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SERIE: HH21
'Half-Helical' mount from
the HH21 series

MODEL: -10
height: 195mm
width: 250mm
weight: 19kg
loops: serie
standard is 04 loops

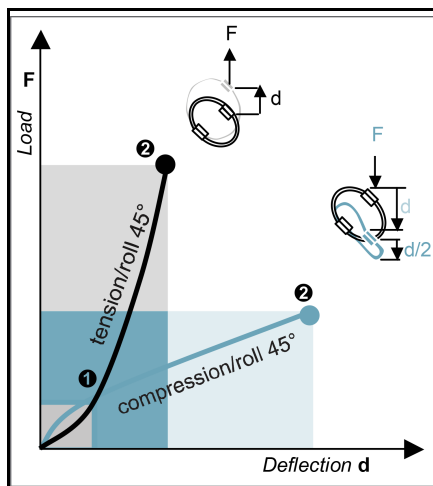
INTERFACE: CIM
2 through holes ø21,5mm
countersunk 90° in bar 1,
2 inserts M20 in bar 2





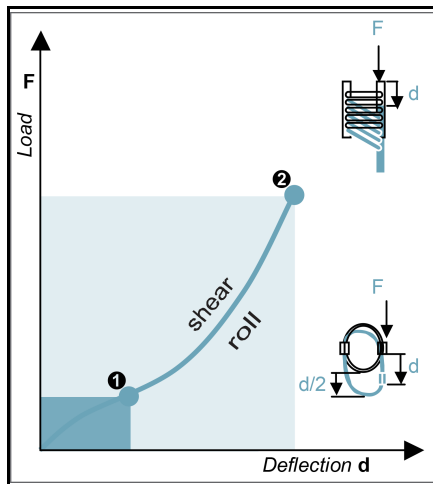
COMPRESSION AND TENSION

HH21 Series	Model	-10	-12	-15
1.Max Static	F daN	1928	1579	1191
	d mm	12,4	18,3	23,2
2.Max Shock	F daN	5785	4739	3575
	d mm	67	99	126
3.Max Vibration	2a mm	7,4	10,9	13,9
	f Hz	5,5	4,6	4,1
1.Max Static	F daN	1928	1579	1191
	d mm	11,8	15,1	19,3
2.Max Shock	F daN	24255	17121	12991
	d mm	62	69	90
3.Max Vibration	2a mm	6,8	7,7	9,9
	f Hz	6,4	5,8	5,2



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

HH21 Series	Model	-10	-12	-15
1.Max Static	F daN	1446	1184	893
	d mm	19,8	26,2	33,3
2.Max Shock	F daN	3933	3143	2374
	d mm	101	148	189
3.Max Vibration	2a mm	11,1	16,3	20,8
	f Hz	4,1	3,4	3
1.Max Static	F daN	1446	1184	893
	d mm	13,1	17,5	22,6
2.Max Shock	F daN	12213	8552	6491
	d mm	71	79	102
3.Max Vibration	2a mm	7,8	8,8	11,3
	f Hz	5,2	4,7	4,2



SHEAR OR ROLL

HH21 Series	Model	-10	-12	-15
1.Max Static	F daN	964	789	595
	d mm	15,1	21,6	31,2
2.Max Shock	F daN	6905	4635	3403
	d mm	78	99	127
3.Max Vibration	2a mm	8,6	10,9	14
	f Hz	1,8	1,7	1,5

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

