

- 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

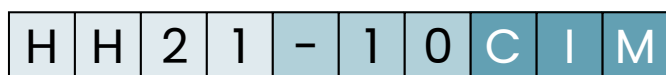
(material size and number of loops, etc.)

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	19,0
-12	230	280	21,5
-15	260	320	24,2

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



SERIE: HH21

'Half-Helical' mount from the HH21 series

MODEL: -10

height: 195mm

width: 250mm

weight: 19,0kg

loops: serie

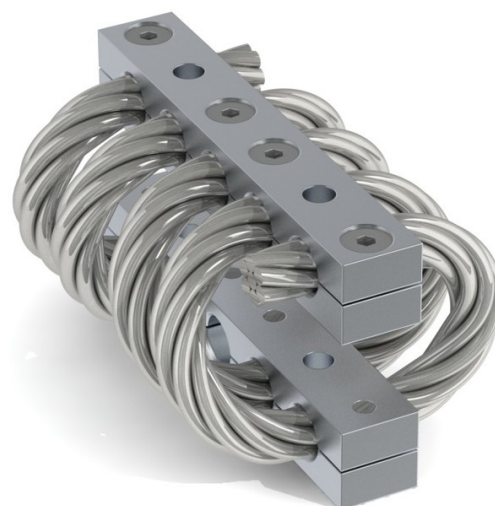
standard is 04 loops

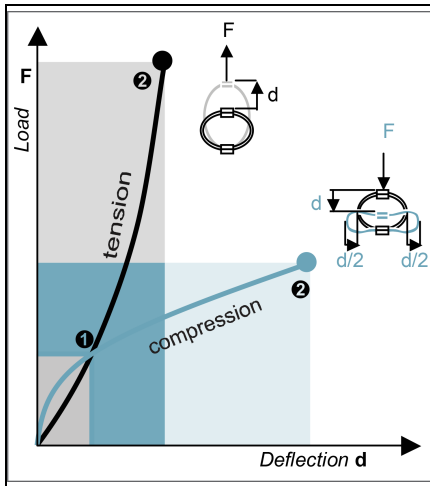
INTERFACE: CIM

2 through holes ø21,5mm

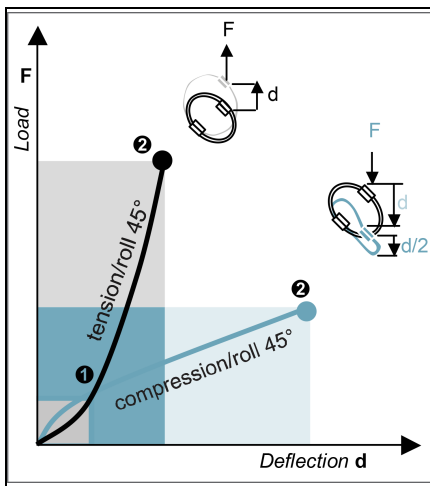
countersunk 90° in bar 1,

2 inserts M20 in bar 2

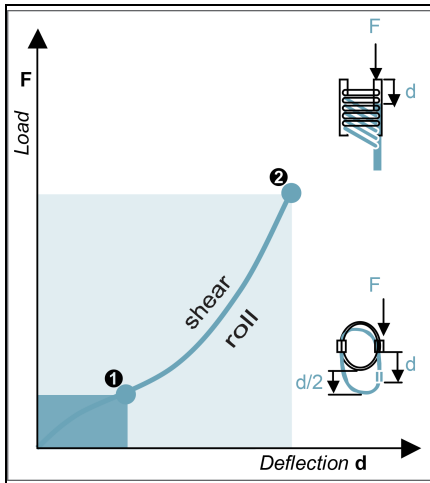




COMPRESSION AND TENSION			-10	-12	-15
HH21 Series	Model				
1. Max Static	F daN		1759	1467	1118
	d mm		11,8	17,6	22,6
2. Max Shock	F daN		5278	4403	3356
	d mm		63	95	122
3. Max Vibration	2a mm		7,0	10,5	13,5
	f Hz		5,1	4,0	3,5
1. Max Static	F daN		1759	1467	1118
	d mm		11,8	15,4	19,6
2. Max Shock	F daN		24087	16866	12789
	d mm		67	75	95
3. Max Vibration	2a mm		7,4	8,3	10,5
	f Hz		5,8	5,2	4,6



COMPRESSION/ROLL 45° - TENSION/ROLL 45°			-10	-12	-15
HH21 Series	Model				
1. Max Static	F daN		1319	1100	839
	d mm		20,3	28,1	35,9
2. Max Shock	F daN		3633	2950	2247
	d mm		95	143	183
3. Max Vibration	2a mm		10,5	15,7	20,2
	f Hz		4,2	3,4	3,0
1. Max Static	F daN		1319	1100	839
	d mm		15,4	20,2	25,7
2. Max Shock	F daN		12177	8452	6407
	d mm		77	85	109
3. Max Vibration	2a mm		8,5	9,4	12,0
	f Hz		5,2	4,6	4,1



SHEAR OR ROLL			-10	-12	-15
HH21 Series	Model				
1. Max Static	F daN		879	733	559
	d mm		15,2	23,7	31,4
2. Max Shock	F daN		6755	4495	3287
	d mm		80	101	129
3. Max Vibration	2a mm		8,8	11,2	14,2
	f Hz		4,4	3,8	3,4

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