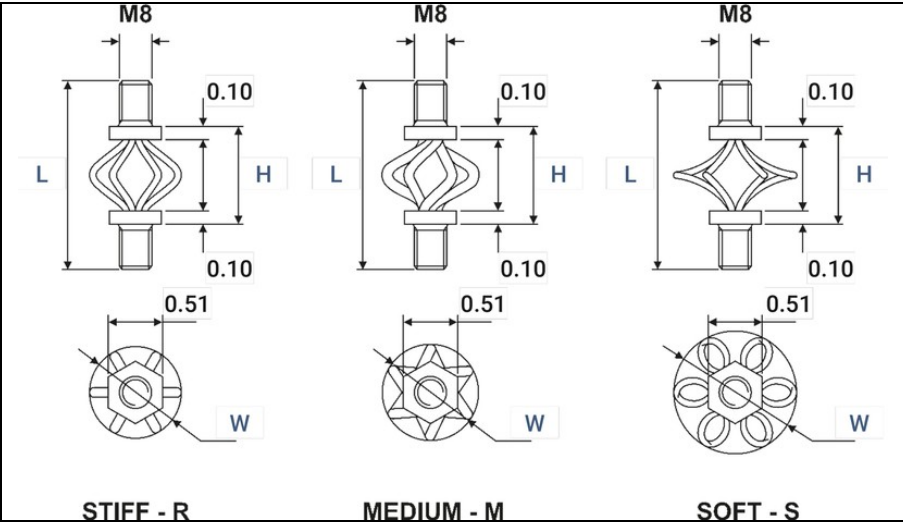


WIRE ROPE ISOLATOR

DEFINITION
series AX5



- All meta mutlidirectionnal auto-vibration/shock mounts.
- Exceptional reliability and long life.
- High damping
- No ageing.
- Corrosions resistant.
- Unequalled temperature range : -180°C +300°C.
- Great adaptability/versatility.

Specials on request (material size and number of loops, etc.).

Dimensions are in inches. For reference only

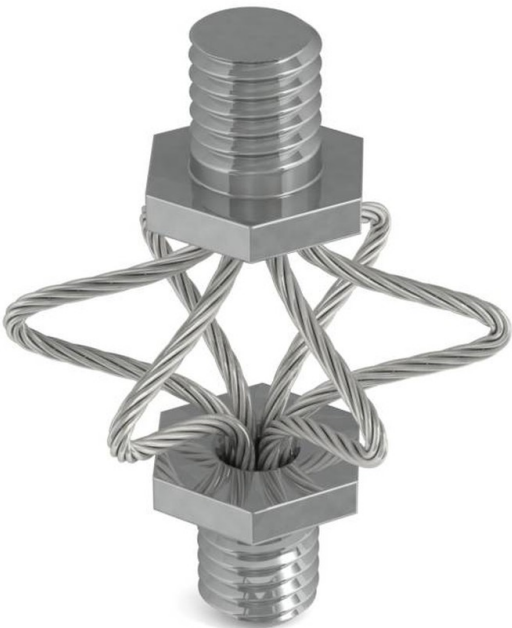
SERIES
Materials and finishes (meets RoHS requirements)
AX5
Cable: stainless steel
Interfaces: stainless steel

MODEL			
	height H (in)	width W (in)	length L (in)
-20	0.59	0.71	1.3
-25	0.71	0.91	1.4
-30	0.83	1.1	1.5
-35	0.91	1.3	1.6

STIFFNESS	
Type	
Soft	S
Medium	M
Stiff	R

A	X	5	1	5	S
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SERIE: AX5 MODEL: 15 SUFFIX: S
'Axyca' mount from the AX5 series height: 0.59in Soft type
width: 0.71in
length: 1.3in



217 × 238

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

COMPRESSION AND SHEAR/ROLL

AX5 Series soft	Model	-20	-25S	-30S	-35S
1.Max Static	F lbf	4.3	3.3	2.7	2.2
	d in	0.06	0.08	0.10	0.12
2.Max Shock	F lbf	13	9.9	8.0	6.6
	d in	0.33	0.43	0.54	0.64
3.Max Vibration	2a in	0.04	0.05	0.06	0.07
	f Hz	13.8	12.0	10.7	9.7
1.Max Static	F lbf	2.1	1.6	1.3	1.1
	d in	0.11	0.15	0.19	0.22
2.Max Shock	F lbf	14	9.5	7.0	5.5
	d in	0.41	0.51	0.61	0.72
3.Max Vibration	2a in	0.04	0.06	0.07	0.08
	f Hz	12.7	11.2	10.0	9.3

COMPRESSION AND SHEAR/ROLL

AX5 Series Med	Model	-20	-25M	-30M	-35M
1.Max Static	F lbf	5.2	4.0	3.2	2.7
	d in	0.06	0.08	0.10	0.12
2.Max Shock	F lbf	16	12	9.7	8.0
	d in	0.33	0.43	0.54	0.64
3.Max Vibration	2a in	0.04	0.05	0.06	0.07
	f Hz	13.6	11.7	10.5	9.5
1.Max Static	F lbf	2.6	2.0	1.6	1.3
	d in	0.11	0.15	0.19	0.22
2.Max Shock	F lbf	17	11	8.3	6.5
	d in	0.38	0.47	0.57	0.66
3.Max Vibration	2a in	0.04	0.05	0.06	0.07
	f Hz	13.0	11.5	10.4	9.5

COMPRESSION AND SHEAR/ROLL

AX5 Series Stiff	Model	-20	-25R	-30R	-35R
1.Max Static	F lbf	6.4	4.9	4.0	3.3
	d in	0.06	0.08	0.10	0.12
2.Max Shock	F lbf	19	15	12	9.9
	d in	0.33	0.43	0.54	0.64
3.Max Vibration	2a in	0.04	0.05	0.06	0.07
	f Hz	13.3	11.5	10.2	9.2
1.Max Static	F lbf	3.2	2.5	2.0	1.7
	d in	0.11	0.15	0.19	0.22
2.Max Shock	F lbf	20	13	9.9	7.7
	d in	0.35	0.44	0.52	0.61
3.Max Vibration	2a in	0.04	0.05	0.06	0.07
	f Hz	13.5	11.8	10.7	9.8

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

