

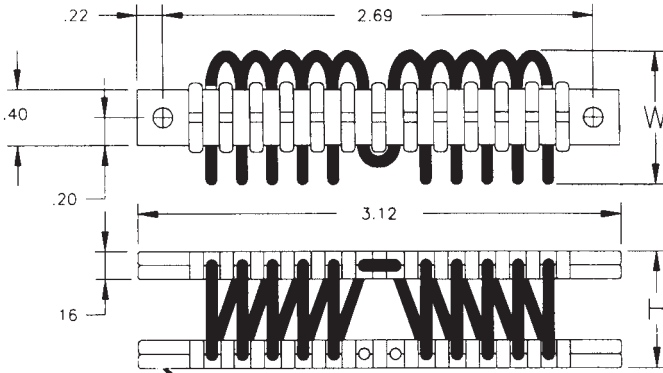
For Design Purposes Only

Consult Aeroflex for Load-Deflection Curves

HELICAL

C2 SERIES

1/16" WIRE ROPE



MOUNTING HOLE SUFFIX OPTIONS

- [] BLANK = Ø .177 THRU 4PL
- C2= Ø .177 THRU
C'SINK Ø .31 X 82° 4PL
- I2= #8-32 INSERTS 4PL
- CI= #8-32 INSERTS 2 PL
Ø .177 THRU
C'SINK Ø .31 X 82° 2PL

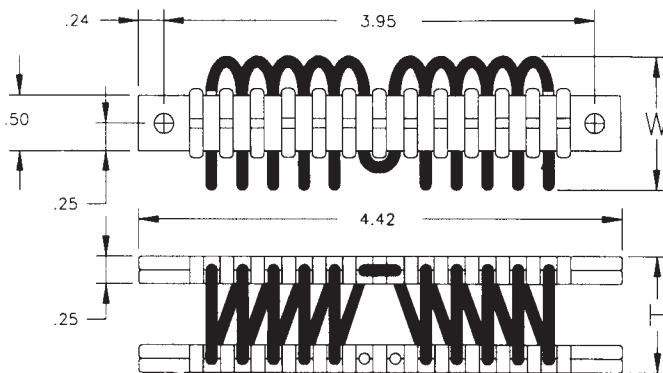
C2 SERIES - 1/16" WIRE ROPE

Isolator Part No.	Nominal Dimensions (in)		Load Mode	Shock Average K (lb/in)	Vibration Average K (lb/in)	Max. Rated Dynamic Travel (in)
	H±.06	W (REF)				
C2-H-310-[]	.70	1.00	Compression Shear/Roll 45° C/R	165 100 50	225 80 95	.30 .35 .45
C2-H-410-[]	.80	1.10	Compression Shear/Roll 45° C/R	80 65 35	120 50 65	.45 .45 .50
C2-H-510-[]	1.00	1.20	Compression Shear/Roll 45° C/R	50 45 20	85 30 45	.50 .50 .70
C2-H-610-[]	1.10	1.30	Compression Shear/Roll 45° C/R	35 30 12	60 20 30	.60 .60 .75
C2-H-710-[]	1.20	1.40	Compression Shear/Roll 45° C/R	30 15 10	55 12 20	.70 .70 .80
C2-H-810-[]	1.30	1.50	Compression Shear/Roll 45° C/R	20 12 8	30 10 14	.80 .80 .85

ISOLATOR APPROXIMATE WEIGHT 1.1 oz.

C3 SERIES

3/32" WIRE ROPE



MOUNTING HOLE SUFFIX OPTIONS

- [] BLANK = Ø .196 THRU 4PL
- C2= Ø .196 THRU
C'SINK Ø .39 X 82° 4PL
- I2= #10-32 INSERTS 4PL
- CI= #10-32 INSERTS 2 PL
Ø .196 THRU
C'SINK Ø .39 X 82° 2PL

C3 SERIES - 3/32" WIRE ROPE

Isolator Part No.	Nominal Dimensions (in)		Load Mode	Shock Average K (lb/in)	Vibration Average K (lb/in)	Max. Rated Dynamic Travel (in)
	H±.06	W (REF)				
C3-H-310-[]	.90	1.10	Compression Shear/Roll 45° C/R	340 155 130	480 140 260	.30 .40 .60
C3-H-410-[]	1.00	1.20	Compression Shear/Roll 45° C/R	275 120 100	385 105 200	.35 .50 .70
C3-H-510-[]	1.10	1.30	Compression Shear/Roll 45° C/R	200 90 55	285 75 145	.40 .55 .80
C3-H-610-[]	1.30	1.50	Compression Shear/Roll 45° C/R	100 45 40	155 45 100	.60 .70 1.00
C3-H-710-[]	1.40	1.60	Compression Shear/Roll 45° C/R	55 35 30	85 35 65	.80 .80 1.20
C3-H-810-[]	1.50	1.70	Compression Shear/Roll 45° C/R	40 25 20	70 30 50	.90 .90 1.20

ISOLATOR APPROXIMATE WEIGHT 2.9 oz.



DFA Sales

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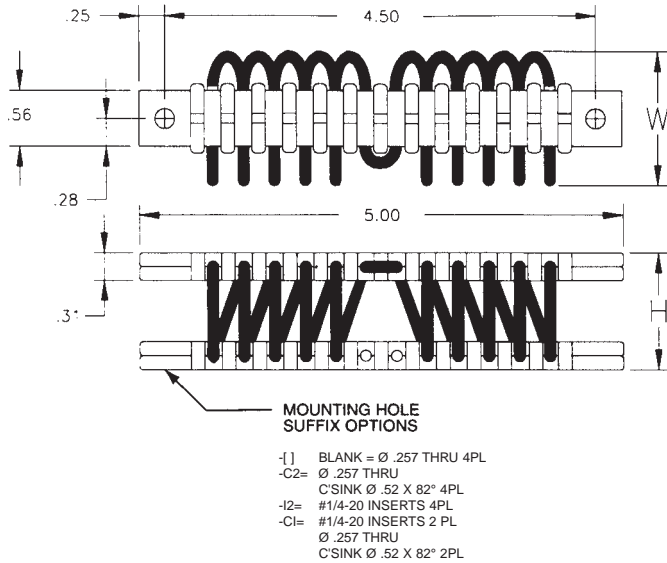
C4 SERIES

1/8" WIRE ROPE

HELICAL

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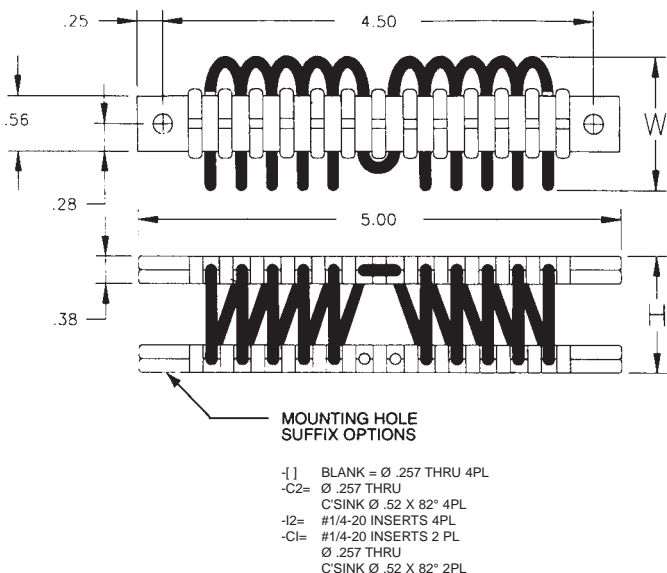
C4 SERIES - 1/8" WIRE ROPE

Isolator Part No.	Nominal Dimensions (in)		Load Mode	Shock Average K (lb/in)	Vibration Average K (lb/in)	Max. Rated Dynamic Travel (in)
	H±.06	W (REF)				
C4-H-310-[]	1.10	1.40	Compression	600	800	.40
			Shear/Roll	300	290	.50
			45° C/R	220	450	.70
C4-H-410-[]	1.20	1.50	Compression	480	710	.50
			Shear/Roll	240	225	.60
			45° C/R	185	370	.80
C4-H-510-[]	1.30	1.60	Compression	295	475	.60
			Shear/Roll	145	115	.70
			45° C/R	100	285	.90
C4-H-610-[]	1.40	1.70	Compression	255	405	.70
			Shear/Roll	115	80	.80
			45° C/R	80	255	1.00
C4-H-710-[]	1.50	1.80	Compression	200	340	.80
			Shear/Roll	90	75	.90
			45° C/R	65	190	1.10
C4-H-810-[]	1.60	1.90	Compression	170	280	.90
			Shear/Roll	85	55	1.00
			45° C/R	55	160	1.20

ISOLATOR APPROXIMATE WEIGHT 5.1 oz.

C6 SERIES

3/16" WIRE ROPE



C6 SERIES - 3/16" WIRE ROPE

Isolator Part No.	Nominal Dimensions (in)		Load Mode	Shock Average K (lb/in)	Vibration Average K (lb/in)	Max. Rated Dynamic Travel (in)
	H±.06	W (REF)				
C6-H-310-[]	1.20	1.40	Compression	2845	5100	.35
			Shear/Roll	1060	1280	.50
			45° C/R	1420	3300	.50
C6-H-410-[]	1.30	1.50	Compression	1835	3340	.40
			Shear/Roll	800	900	.55
			45° C/R	815	1930	.70
C6-H-510-[]	1.40	1.60	Compression	1510	2820	.45
			Shear/Roll	595	620	.60
			45° C/R	555	1440	.90
C6-H-610-[]	1.50	1.70	Compression	1285	2520	.50
			Shear/Roll	425	390	.60
			45° C/R	440	1200	1.00
C6-H-710-[]	1.60	1.80	Compression	1015	1680	.60
			Shear/Roll	290	270	.70
			45° C/R	335	920	1.20
C6-H-810-[]	1.70	1.90	Compression	790	1470	.70
			Shear/Roll	175	230	.80
			45° C/R	275	780	1.30

ISOLATOR APPROXIMATE WEIGHT 6.7 oz.



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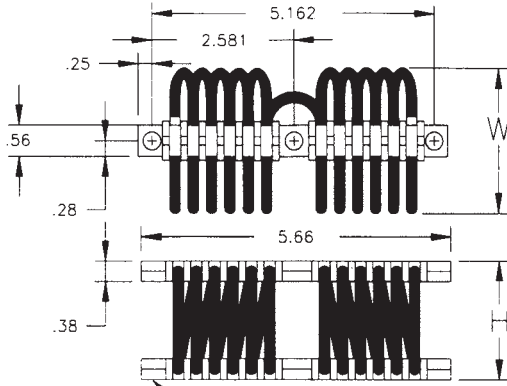
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HELICAL

C1260 SERIES

3/16" WIRE ROPE



MOUNTING HOLE SUFFIX OPTIONS

- [] BLANK = Ø .28 THRU 6PL
- C2= Ø .28 THRU C'SINK Ø .52 X 82° 6PL
- I2= #1/4-28 INSERTS 6PL
- CI= #1/4-28 INSERTS 3 PL Ø .28 THRU C'SINK Ø .52 X 82° 3PL

C1260 SERIES - 3/16" WIRE ROPE

Isolator Part No.	Nominal Dimensions (in)		Load Mode	Shock Average K (lb/in)	Vibration Average K (lb/in)	Max. Rated Dynamic Travel (in)
	H±.06	W (REF)				
C1260-13-[]	2.00	2.28	Compression	340	555	1.00
			Shear/Roll	155	175	1.00
			45° C/R	155	365	1.80
C1260-16-[]	2.06	2.50	Compression	295	470	1.10
			Shear/Roll	125	140	1.10
			45° C/R	140	305	1.90
C1260-20-[]	2.13	2.94	Compression	185	305	1.30
			Shear/Roll	80	90	1.30
			45° C/R	100	220	2.10
C1260-39-[]	2.19	3.19	Compression	150	245	1.40
			Shear/Roll	70	80	1.40
			45° C/R	80	175	2.30
C1260-40-[]	2.45	3.45	Compression	100	170	1.60
			Shear/Roll	50	70	1.70
			45° C/R	60	125	2.50
C1260-50-[]	3.20	4.20	Compression	60	110	2.10
			Shear/Roll	20	20	2.10
			45° C/R	30	55	3.00

ISOLATOR APPROXIMATE WEIGHT 8 - 12 oz.



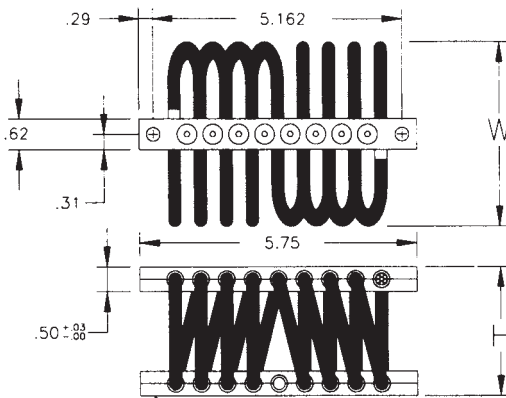
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C1280 SERIES

1/4" WIRE ROPE



MOUNTING HOLE SUFFIX OPTIONS

- [] BLANK = Ø .28 THRU 4PL
- C2= Ø .28 THRU C'SINK Ø .52 X 82° 4PL
- I2= #1/4-28 INSERTS 4PL
- CI= #1/4-28 INSERTS 2 PL Ø .28 THRU C'SINK Ø .52 X 82° 2PL

CB 1280 SERIES - 1/4" WIRE ROPE

Isolator Part No.	Nominal Dimensions (in)		Load Mode	Shock Average K (lb/in)	Vibration Average K (lb/in)	Max. Rated Dynamic Travel (in)
	H±.06	W (REF)				
CB1280-10-[]	1.90	2.20	Compression	1180	1975	.60
			Shear/Roll	930	480	.80
			45° C/R	1120	1040	1.40
CB1280-20-[]	2.13	2.50	Compression	670	1240	.80
			Shear/Roll	310	315	1.00
			45° C/R	320	755	1.60
CB1280-25-[]	2.31	2.80	Compression	495	790	1.00
			Shear/Roll	215	220	1.20
			45° C/R	200	540	1.80
CB1280-30-[]	2.50	3.13	Compression	360	680	1.20
			Shear/Roll	145	160	1.40
			45° C/R	160	455	2.00
CB1280-35-[]	2.63	3.50	Compression	255	465	1.20
			Shear/Roll	125	130	1.60
			45° C/R	135	375	2.20
CB1280-38-[]	2.63	3.75	Compression	205	405	1.40
			Shear/Roll	110	115	1.80
			45° C/R	100	260	2.40
CB1280-40-[]	2.63	3.95	Compression	165	270	1.40
			Shear/Roll	85	80	2.00
			45° C/R	75	180	2.60
CB1280-50-[]	3.25	4.20	Compression	115	215	2.00
			Shear/Roll	60	60	2.20
			45° C/R	50	135	3.20

ISOLATOR APPROXIMATE WEIGHT 11 - 17 oz.