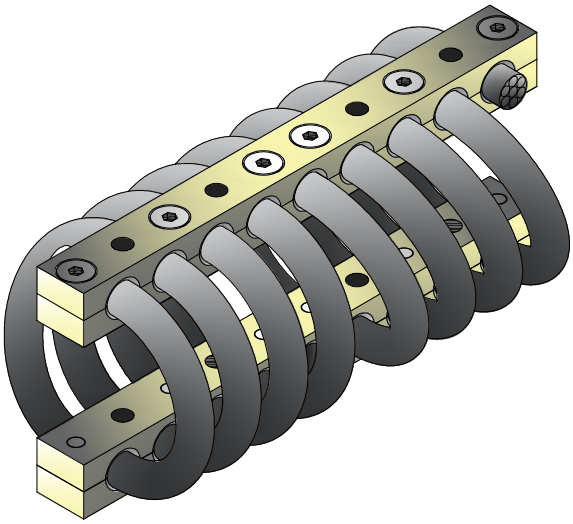
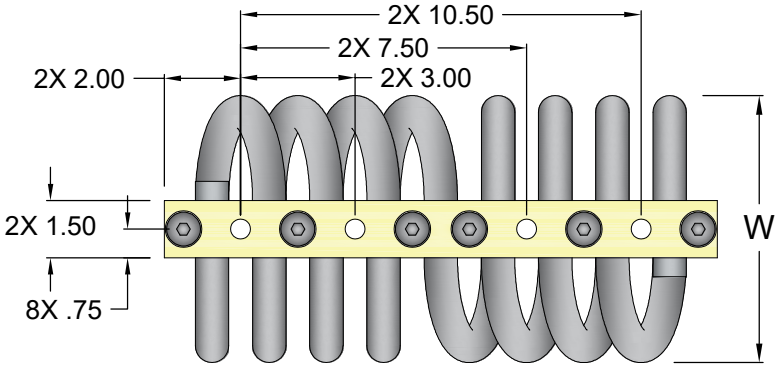
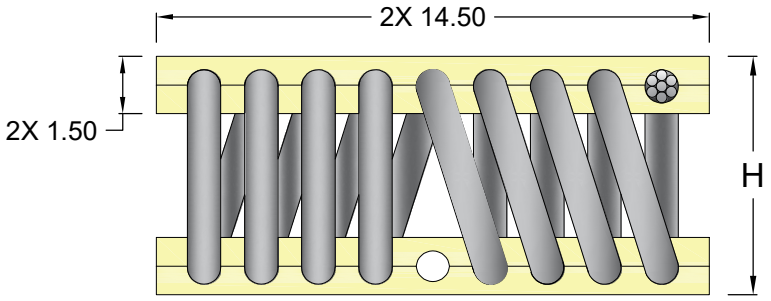
REV.	DESCRIPTION	DATE	BY

CB1700 SERIES

7/8" WIRE ROPE







NOTES
1. ALL DIMENSIONS ARE IN INCHES. INTERPRET PER ANSI Y14
2. ALL DIMENSIONS ARE NOMINAL AND FOR REFERENCE ONLY

ISOLATOR PART NO.	NOMINAL H (in)	NOMINAL W (in)	LOAD MODE	SHOCK AVERAGE K (lb/in)	VIBRATION AVERAGE K (lb/in)	MAX. RATED DYNAMIC TRAVEL (lb/in)
CB1700-15-[ ]	5.25	5.50	COMPRESSION SHEAR/ROLL 45 DEG. C/R	7565 3890 4495	20000 3750 14250	2.00 2.00 2.40
CB1700-17-[ ]	6.00	6.50	COMPRESSION SHEAR/ROLL 45 DEG. C/R	5815 2795 3140	14000 2675 8750	2.40 2.40 3.20
CB1700-20-[ ]	6.25	7.00	COMPRESSION SHEAR/ROLL 45 DEG. C/R	3695 1775 2035	8500 1550 5500	2.80 2.80 3.60
CB1700-25-[ ]	7.00	8.00	COMPRESSION SHEAR/ROLL 45 DEG. C/R	2810 1340 1590	6625 1185 4375	3.20 3.20 4.20
CB1700-30-[ ]	7.50	8.25	COMPRESSION SHEAR/ROLL 45 DEG. C/R	1925 900 1140	4750 815 3250	3.60 3.60 4.80
CB1700-40-[ ]	8.50	9.25	COMPRESSION SHEAR/ROLL 45 DEG. C/R	1285 545 675	3650 600 1900	4.00 4.00 6.40
CB1700-50-[ ]	9.50	10.25	COMPRESSION SHEAR/ROLL 45 DEG. C/R	960 250 430	2450 400 1360	4.50 4.50 7.20

JOB NAME:
CUSTOMER :
CUSTOMER P.O.:
SALES ORDER:

MODEL CB1700 SERIES
WIRE ROPE ISOLATOR

VMC GROUP
CONTROLLED ENVIRONMENT SOLUTIONS™
Bloomingdale, NJ Houston, TX Corona, CA Wind Gap, PA

DRAWING NO.:	REVISION:	SHEET:	SCALE :
		1 OF 2	NONE

PROPRIETARY: EXCEPT AS OTHERWISE AGREED IN WRITING, THE INFORMATION AND DESIGN DISCLOSED HEREIN ARE THE PROPERTY OF THE VMC GROUP AND MUST NOT BE COPIED OR DISTRIBUTED OUTSIDE THE VMC GROUP EXCEPT TO AUTHORIZED PERSONS WITH A GENUINE NEED TO KNOW WHO BY THE USE HEREOF ACKNOWLEDGE THE VMC GROUP'S OWNERSHIP AND AGREE TO MAINTAIN THIS INFORMATION AND DESIGN IN STRICT CONFIDENCE.

REV.	DESCRIPTION	DATE	BY

CB [ ] 1700 [ ] - 30 [ ] - C2

- C2 — MOUNTING HOLE OPTIONS
- [ ] — # OF COILS (BLANK = 8 COILS)
- 30 — FAMILY SERIES SIZE (-12 THRU -70)
- [ ] — SPECIAL REQUIREMENTS (D*, R, F, J**)
- 1700 — FAMILY SERIES
- [ ] — WIRE ROPE REQUIREMENTS BLANK = 302 STAINLESS STEEL (STANDARD), OR G, OR S
- [ ] — # OF COILS (PATTERN OR PROFILE TO MATCH)
- CB — FAMILY NAME

SPECIAL REQUIREMENTS	
D	DFARS*
F	THREAD FREE CABLE
G	GALVANIZED CABLE
J	ALT STYLE CONSTRUCTION**
M	METRIC INSERTS
R	RoHS
S	STAINLESS STEEL TOTAL

* DFARS COMPLIANT RAW MATERIAL COMES FROM A LIMITED GROUP OF APPROVED SUPPLIERS AND IS NOT REQUIRED ON STANDARD PARTS.

** SUBJECT TO MANUFACTURER'S DISCRETION. CONTACT VMC FOR APPLICABILITY.

FEATURES & BENEFITS:

- WIDE RANGE OF AVAILABLE SIZES PERMITS ATTACHMENT TO ALMOST ANY MACHINERY OR ENCLOSURE REGARDLESS OF WEIGHT.
- COMPACT, LOW-PROFILE DESIGN AND THE ABILITY TO ATTENUATE HEAVY SHOCK LOADS WITH MINIMUM DEFLECTION ALLOWS USE WHERE SPACE IS AT A PREMIUM.
- THREE-PLANE, ALL-AXIS ISOLATION MEANS THAT EQUIPMENT IS FREE TO MOVE IN ANY DIRECTION - VERTICALLY, HORIZONTALLY, AND LATERALLY.
- CUSTOM WINDING, LOOP COUNT AND MOUNTING FEATURES ARE AVAILABLE TO MEET SPECIFIC REQUIREMENTS.
- OPERATING TEMPERATURE RANGE -400F TO +700F.

STANDARD MATERIALS / FINISHES:

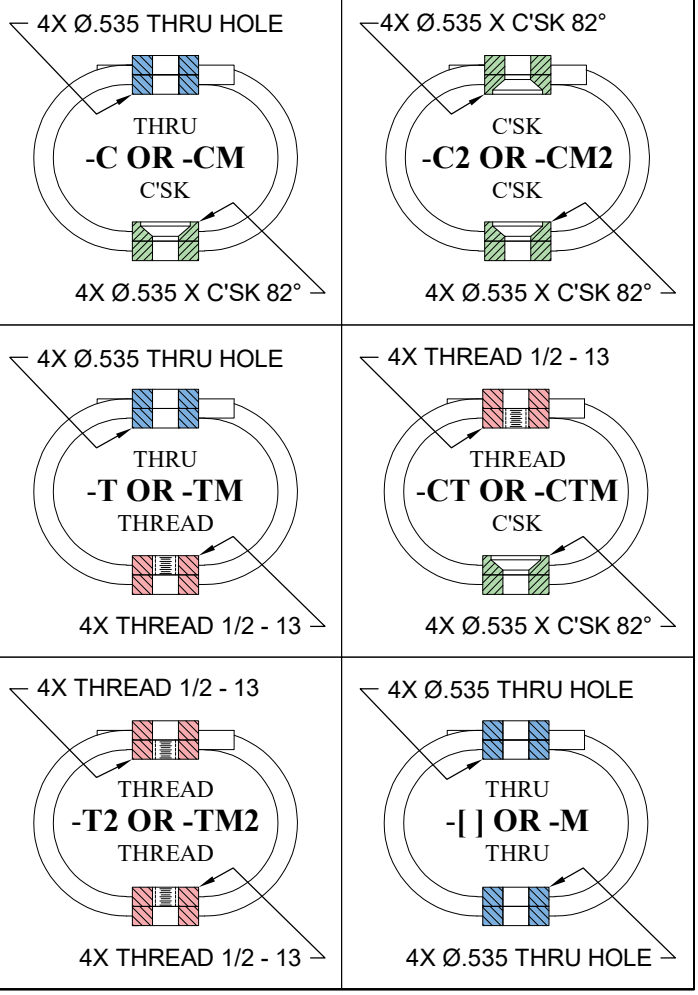
- **WIRE ROPE MATERIALS:** SERIES 302 STAINLESS STEEL.
- **BAR MATERIALS:** ALUMINUM ALLOY 6061-T6, -T6510, OR -T6511 PER SAE AMS4113, SAE AMS4150, OR ASTM B221 WITH CHEMICAL CONVERSION COATING PER MIL-DTL-5541, CLASS 1A.

SPECIAL OPTIONS:

- **WIRE ROPE MATERIALS:** GALVANIZED, IMPROVED PLOW WIRE, PLASTIC FILLED VALLEY WIRE, INCONEL 600, STAINLESS STEEL TYPE 316, STAINLESS STEEL TYPE 305.
- **BAR MATERIALS:** STAINLESS STEEL, CRES TYPE 302, 303, 304, OR 304L WITH FINISH PASSIVATED PER QQ-P-35C TYPE II.
- **MOUNTING CONFIGURATIONS:** INSERTS, THREAD TYPES, CLEARANCE HOLES.
- CONTACT VMC FOR OTHER MATERIAL AVAILABILITIES.

MOUNTING HOLE OPTIONS:

M = METRIC **M** C'SK = Ø.535 X 90° **M** THREAD = M12 X 1.75



JOB NAME:	
CUSTOMER :	
CUSTOMER P.O.:	
SALES ORDER:	

MODEL CB1700 SERIES WIRE ROPE ISOLATOR

VMC GROUP
CONTROLLED ENVIRONMENT SOLUTIONS™

Bloomingdale, NJ Houston, TX Corona, CA Wind Gap, PA

DRAWING NO.:	REVISION:	SHEET:	SCALE :
		2 OF 2	NONE

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