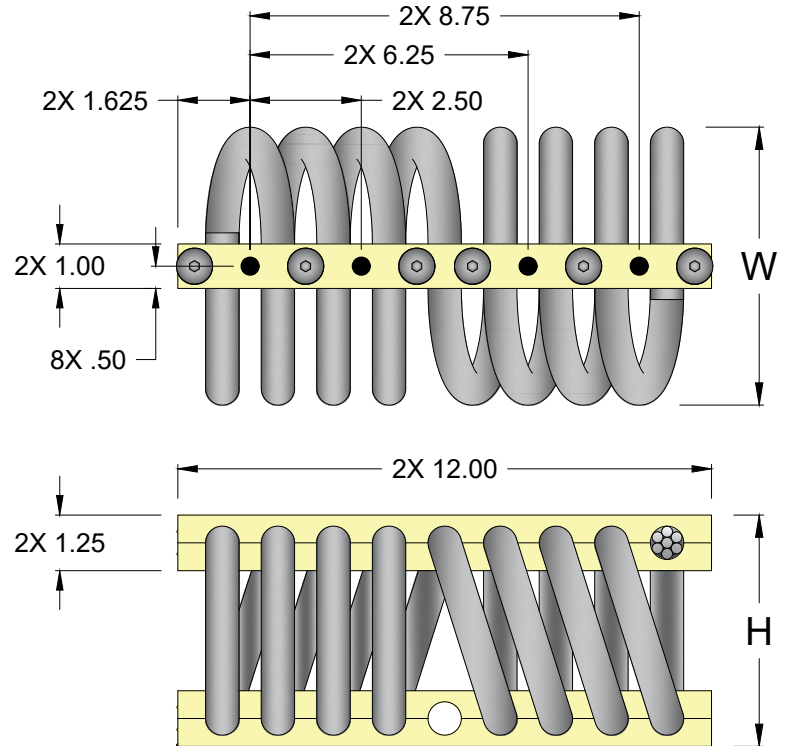
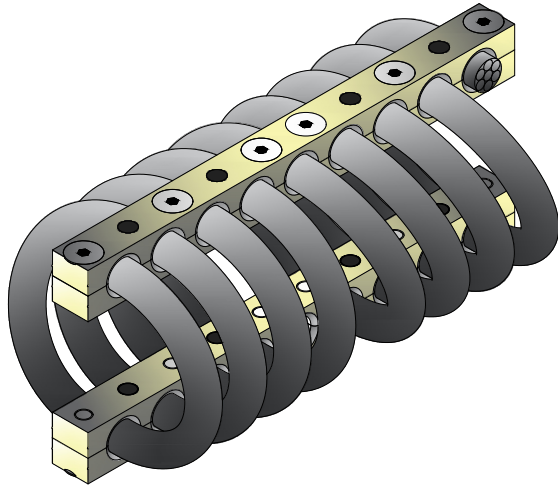


CB1600 SERIES

3/4" 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)
CB1600-12-[]	4.00	4.25	COMPRESSION	10900	25200	1.20
			SHEAR/ROLL	4950	5500	1.20
			45 DEG. C/R	5700	14700	1.70
CB1600-17-[]	4.40	4.65	COMPRESSION	7250	16800	1.40
			SHEAR/ROLL	3375	3750	1.40
			45 DEG. C/R	4500	10500	2.10
CB1600-20-[]	4.80	5.55	COMPRESSION	5100	11760	1.80
			SHEAR/ROLL	2250	2500	1.80
			45 DEG. C/R	2700	7500	2.70
CB1600-30-[]	5.20	6.25	COMPRESSION	2600	7800	2.20
			SHEAR/ROLL	1580	1750	2.20
			45 DEG. C/R	2100	4800	3.10
CB1600-40-[]	5.50	6.75	COMPRESSION	2100	5050	2.40
			SHEAR/ROLL	1000	1125	2.40
			45 DEG. C/R	1500	3300	3.50
CB1600-70-[]	6.50	8.50	COMPRESSION	700	1350	3.20
			SHEAR/ROLL	330	380	3.20
			45 DEG. C/R	610	1280	4.40



JOB NAME:

CUSTOMER :

CUSTOMER P.O.:

SALES ORDER:

MODEL CB1600 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

REV.	DESCRIPTION	DATE	BY

CB [] 1600 [] - 30 [] - C2

MOUNTING HOLE OPTIONS

OF COILS (BLANK = 8 COILS)

FAMILY SERIES SIZE (-12 THRU -70)

SPECIAL REQUIREMENTS (D*, R, F, J**)

FAMILY SERIES

WIRE ROPE REQUIREMENTS

BLANK = 302 STAINLESS STEEL (STANDARD), OR G, OR S

OF COILS (PATTERN OR PROFILE TO MATCH)

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:

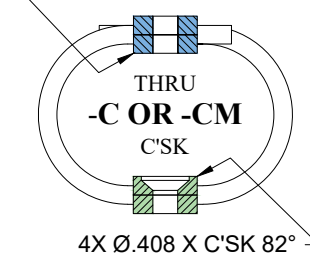
- **WIRE ROPE MATERIALS:** SERIES 302 STAINLESS STEEL.
- **BAR MATERIALS:** ALUMINUM ALLOY 6061-T6, -T6510, OR -T6511 PER SAE AMS4113, SAE AMS4150, OR ASTM B221 WITH CHEMICAL CONVERSION COATING PER MIL-DTL-5541, CLASS 1A.

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.

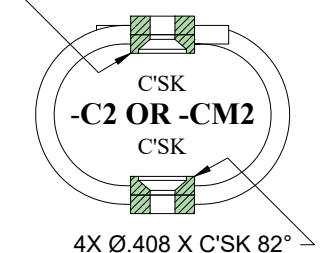
MOUNTING HOLE OPTIONS:**M = METRIC** M C'SK = Ø.408 X 90° M INSERT = M10 X 1.5

4X Ø.408 THRU HOLE



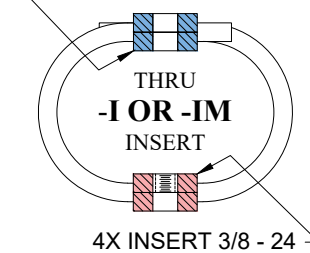
4X Ø.408 X C'SK 82°

4X Ø.408 X C'SK 82°



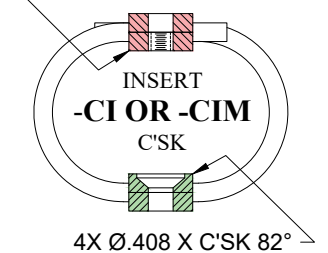
4X Ø.408 X C'SK 82°

4X Ø.408 THRU HOLE



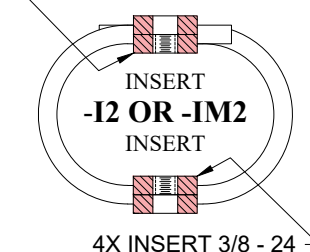
4X INSERT 3/8 - 24

4X INSERT 3/8 - 24



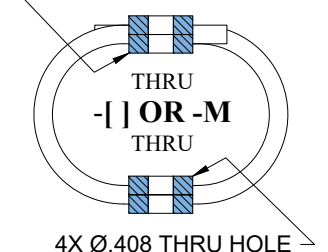
4X Ø.408 X C'SK 82°

4X INSERT 3/8 - 24



4X INSERT 3/8 - 24

4X Ø.408 THRU HOLE



4X Ø.408 THRU HOLE



JOB NAME:

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MODEL CB1600 SERIES
WIRE ROPE ISOLATOR



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

DRAWING NO.:

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2 OF 2 NONE