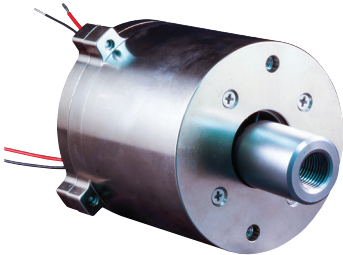


SERIES 06

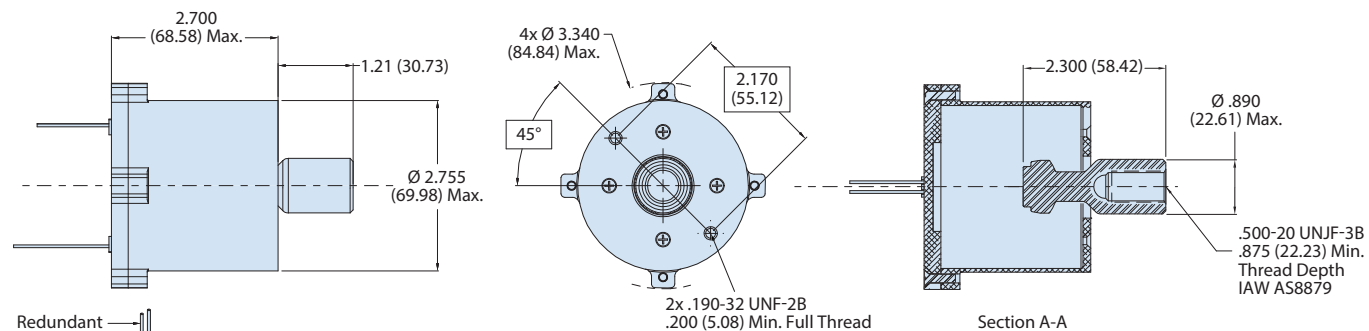
Hold-Down and Release Mechanisms



064-001 Heavy-Duty HDRM · Redundant circuit 12500 lb release preload

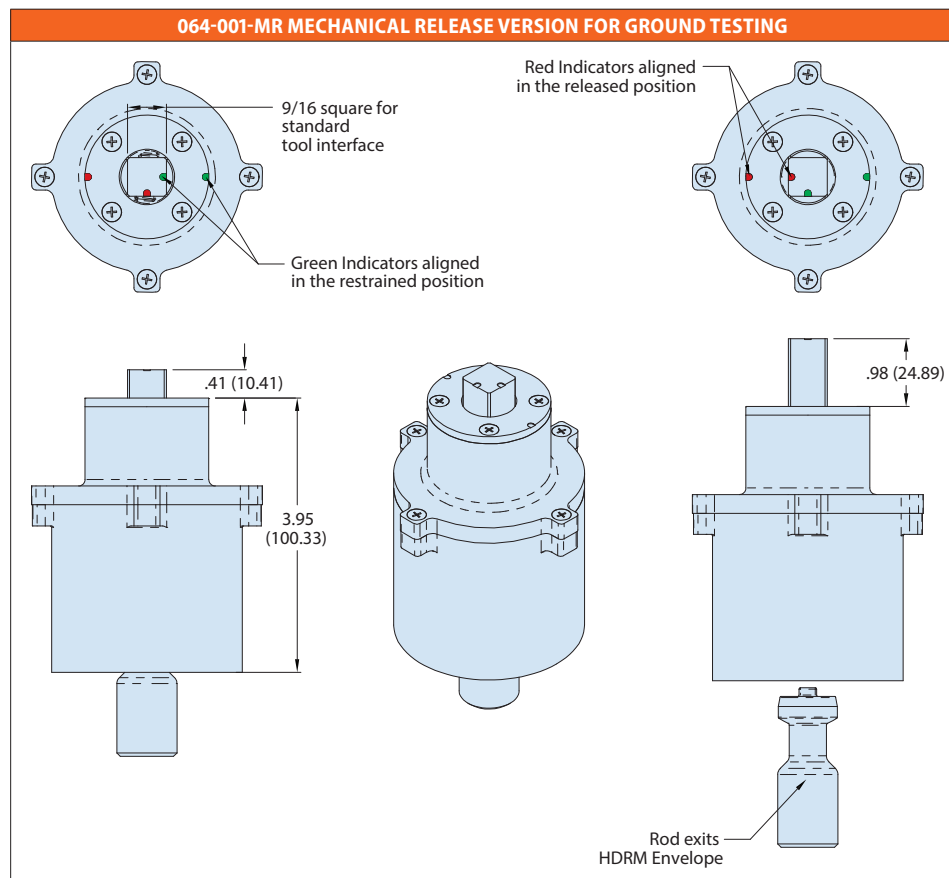


HOW TO ORDER			
Sample Part No.	064-001	-MR	-1450
Basic Part No.	Heavy-Duty HDRM, Redundant Circuit		
Mechanical Release Test Unit	Omit for standard HDRM with electrical initiator		
Mod Code	-1450 = 80µin (2µm) wire silver plating XL-ETFE Omit for standard MS22759/44 wire or when ordering -MR mechanical release ground test unit		



FEATURES AND BENEFITS

- Redundant initiation: 2 initiation points
- Field refurbishable: Initiator can be replaced in less than 15 minutes by trained personnel
- Reliability prediction: 0.9999995 (based off scaled design)
- Packaging: External housing typically supplied with two mounting points. Custom housings and mountings available
- Connectorization: Standard design supplied with wire inputs. Connectorized versions available.
- Scalable bolt size: Bolt size determines preload and can be scaled to accommodate a wide range of requirements
- Initiation circuit wires supplied 18" standard. Custom lengths are available, consult factory.



SERIES 06

Hold-Down and Release Mechanisms



064-001 Heavy-Duty HDRM · Redundant circuit 12500 lb release preload

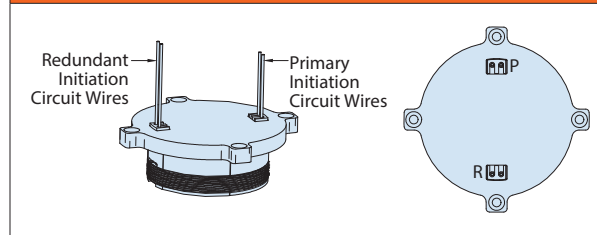
MATERIALS/FINISH

- Housing: Al Alloy / Electroless Nickel
IAW AMS-C-26074
- Release Rod: Stainless Steel
- Initiator Segments: Torlon
- Wire: GS22759-44 silver-plated
XL-ETFE. Use Mod Code **-1450** for
Red Plague resistant 80µin (2µm) Ag
plating.

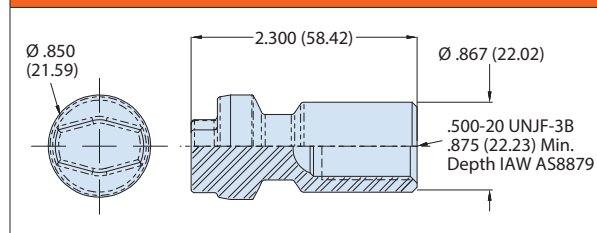
TECHNICAL DATA

Electrical Characteristics	
Initiation Circuit Resistance	0.7 to 2.0 Ohms
DC Insulation Resistance	>2 MΩ at 250 VDC
Nominal Actuation Current	3.5 Amps, <60 msec
No Fire Current	0.25 Amp for 5 min., all conditions
Physical Characteristics	
Mass	870.4 grams nominal weight
Bolt	.500-20 UNJF-3B*
Material list	IAW MSFC-STD-3029

060-401 REFURBISHMENT INITIATOR



069-100-3 SPARE RELEASE ROD



Available 069-401
mechanical release for use
in place of refurbishment
initiator. Consult factory for
application notes.