

MS RETAINERS MIL-F-85731/1 MS-14109

Mil-Qualified Positive Self-Locking Retainers for no-fail retention of Avionic and Ground Vehicle Electronic Equipment.

APPLICATIONS:

These Barry Positive Self-Locking Retainers are designed for secure case and rack mounting of equipment in avionic and ground vehicles. They insure restraint when subjected to severe environmental conditions such as defined in Mil-Std-810, Mil-C-172 and are qualified to Mil-F-85731/1 and MS-14109.

FEATURES:

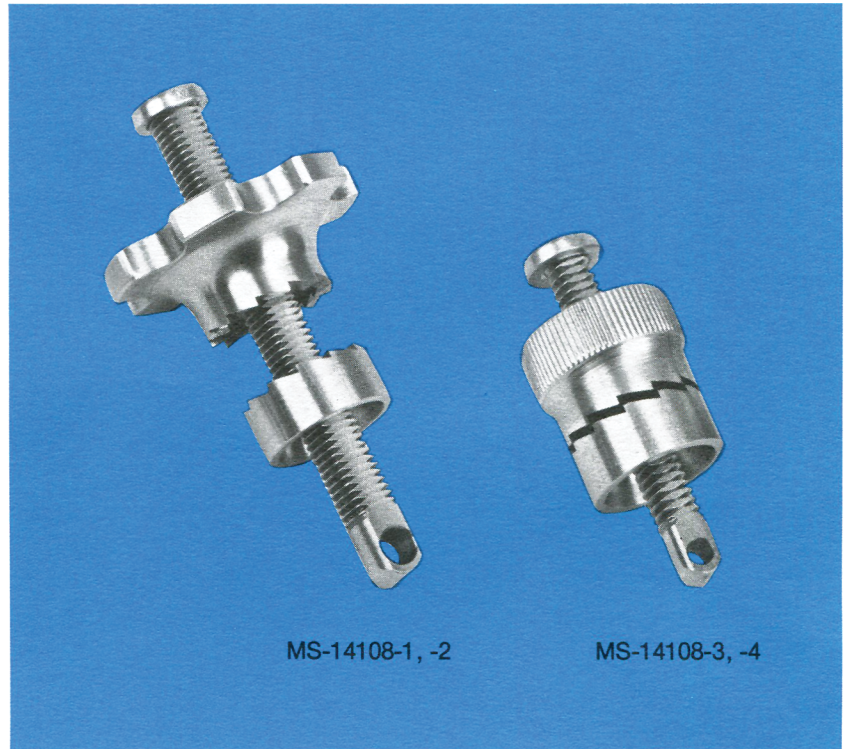
These Barry retainers are furnished in light and heavy duty construction and with an integral clamp assembly. Positive self-locking feature prevents backoff under severe shock and vibration conditions. The unique ratchet design speeds and facilitates fastener engagement by allowing fastener to be engaged by a simple clockwise turning action. Disengagement is accomplished by withdrawing knob and turning counter-clockwise thereby releasing the ratchet assembly.

ENVIRONMENTAL:

BARRY retainers are constructed entirely of stainless steel for protection against corrosion and meet the environmental conditions outlined in Mil-Std-810 and Mil-C-172.

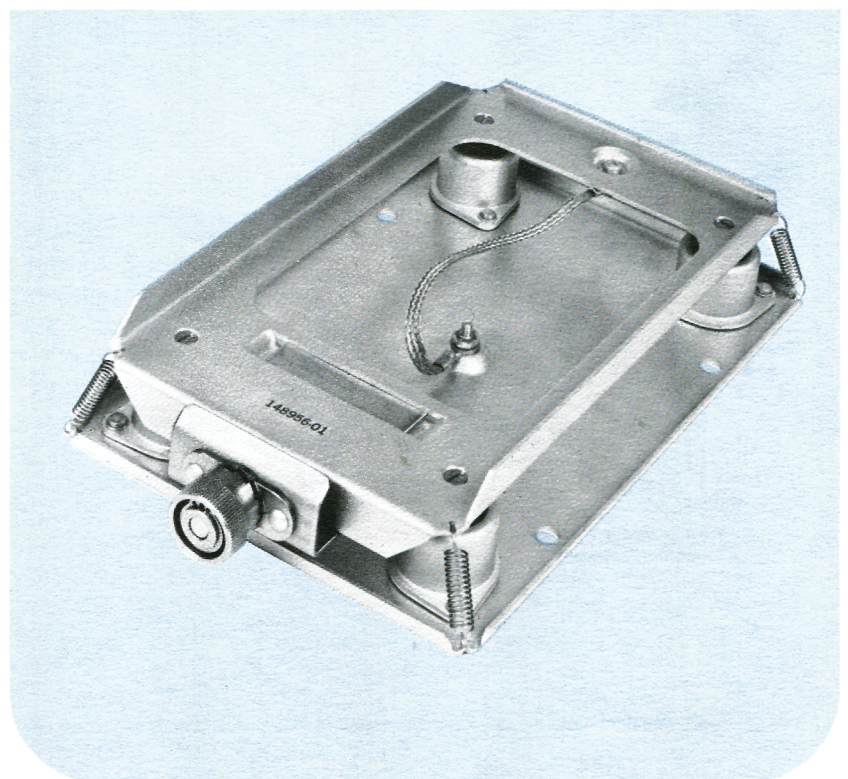
INSTALLATION DATA:

Requiring no special tools for installation, these retainers are suitable for original or retrofit installation on equipment mounting racks or shelves and on MS-91405 and electronic equipment mounting bases such as BARRY AOLA and ATR series.

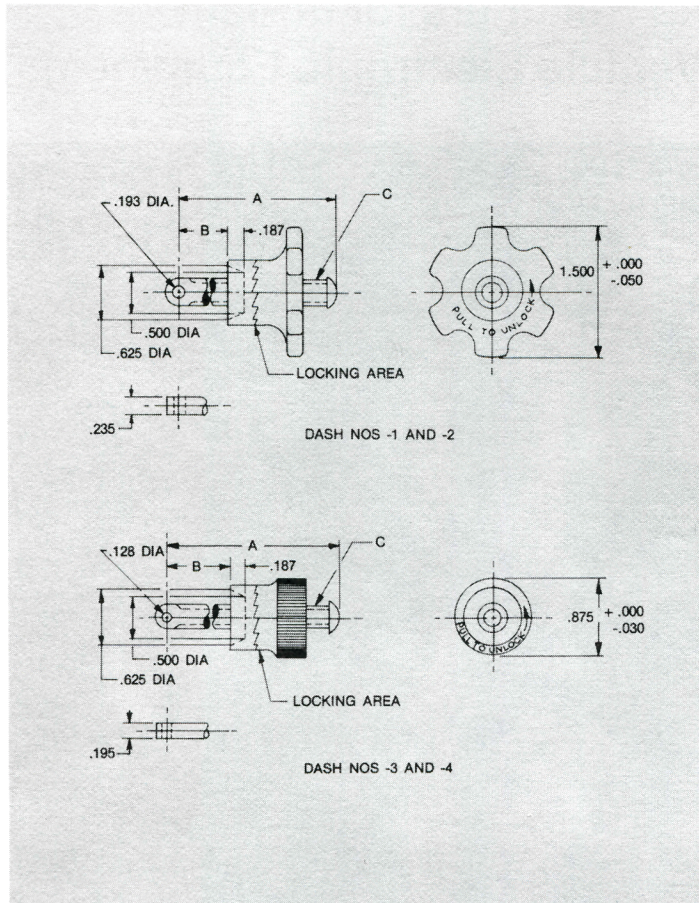


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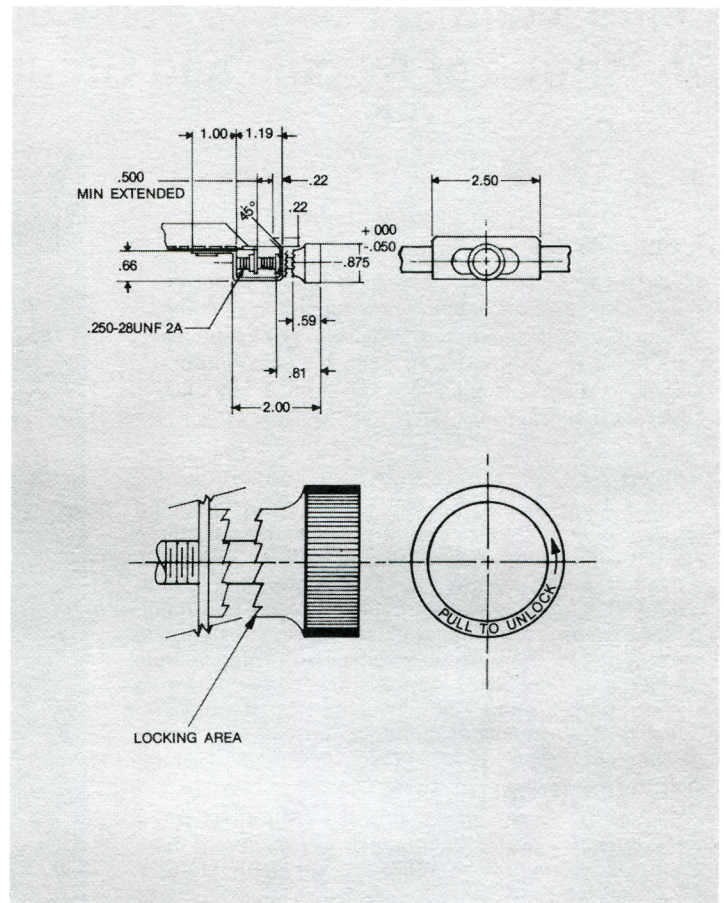
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DIMENSIONS*/PERFORMANCE CHARACTERISTICS



MIL-F-85731/1



MS 14109

Barry P/N† without clevis	A	B	C	MS Number*	For Two Retainers		
					Equipment Weight	Rated Max Load.	Max. Wt. (ozs)
21716-1	1.88	1.00	.312-24 UNF 2A	Mil-F-85731/1	160 lbs.	2000 lbs.	3
21716-2	2.75	1.88	.312-24-UNF 2A	Mil-F-85731/1	160 lbs.	2000 lbs.	3
21953-1	1.88	1.00	.250-28 UNF 2A	Mil-F-85731/1	40 lbs.	1000 lbs.	2.5
21953-2	2.75	1.88	.250-28 UNF 2A	Mil-F-85731/1	40 lbs.	1000 lbs.	2.5
21927-1	See Dimensional Dwg. Above Right			MS14109	40 lbs.		6

* MS Number for reference only. When ordering use Barry part numbers.
MS Numbers refer to retainers without clevis only.

† Available with clevis. Contact Barry engineering for recommendations.
Max equipment weight = 80# with clevis.