

We make it *possible*

AVIONICS RACKING SYSTEMS HARDWARE SOLUTIONS

 | HUTCHINSON®



Hutchinson Aerospace Hardware Solutions

Hutchinson Aerospace manufactures a complete line of avionics racking hardware solutions used to position, retain, insert, extract, electrically bond, and isolate avionics equipment in aircraft and ground vehicles. Our high strength and low weight solutions are proven with over 60 years of use in the harshest environments. Experts in anti-vibration and environmental qualification, Hutchinson Aerospace is able to recommend the optimum hardware solution for the variety of needs faced while packaging sensitive electronics. Hutchinson Aerospace also offers a comprehensive line of standard ARINC trays, custom mounting trays, and avionics enclosures.



Family of Ruggedized Self-locking Front Retainer

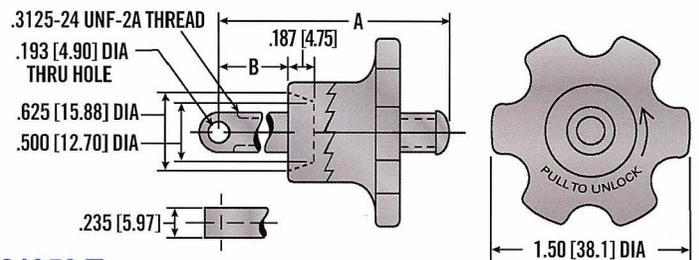


Retainer MS14108 Type

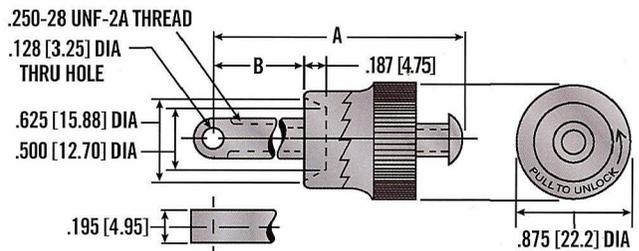
Commercial | Military | Rotary | Ground



21716 Type



21953 Type

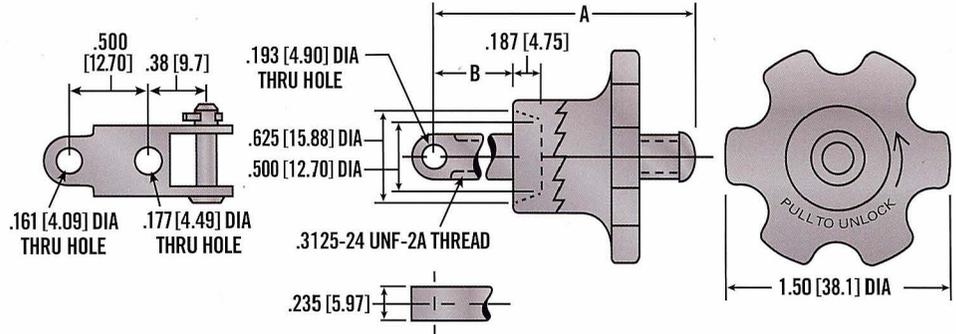


Part Number	MS Number	Weight	Material	A	B	Max Tensile Load
21716-1 without clevis	MS14108-1	2.2 oz	Stainless steel	1.88 [47.8]	1.00 [25.4]	1,750 lbs
21716-2 without clevis	MS14108-2	2.4 oz	Stainless steel	2.75 [69.9]	1.88 [47.8]	1,750 lbs
21953-1 without clevis	MS14108-3	1.5 oz	Stainless steel	1.88 [47.8]	1.00 [25.4]	1,000 lbs
21953-2 without clevis	MS14108-4	1.6 oz	Stainless steel	2.75 [69.9]	1.88 [47.8]	1,000 lbs



Retainer 21716

Commercial | Military | Rotary | Ground

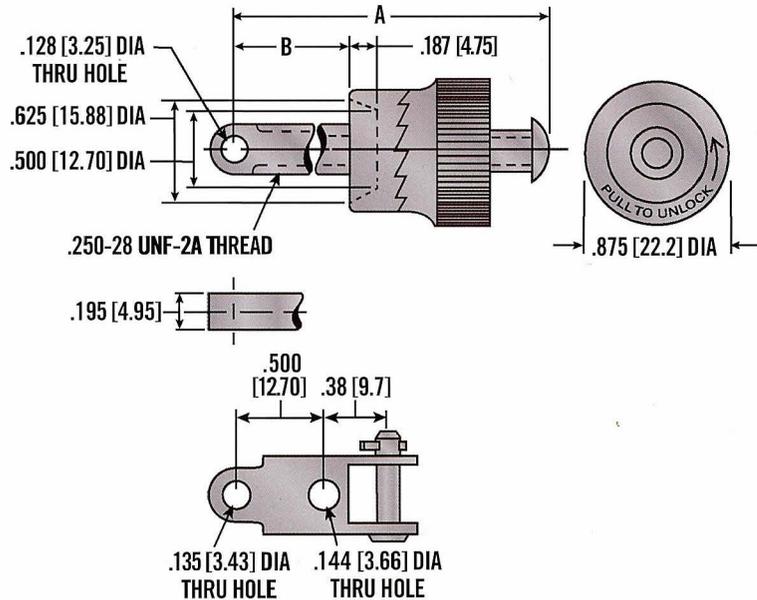


Part Number	MS Number	Weight	Material	A	B	Max Tensile Load
21716-1 without clevis	MS14108-1	2.2 oz	Stainless steel	1.88 [47.8]	1.00 [25.4]	1,750 lbs
21716-2 without clevis	MS14108-2	2.4 oz	Stainless steel	2.75 [69.9]	1.88 [47.8]	1,750 lbs
21716-3 with clevis	—	2.5 oz	Stainless steel	1.88 [47.8]	1.00 [25.4]	1,750 lbs
21716-4 with clevis	—	2.7 oz	Stainless steel	2.75 [69.9]	1.88 [47.8]	1,750 lbs



Retainer 21953

Commercial | Military | Rotary | Ground

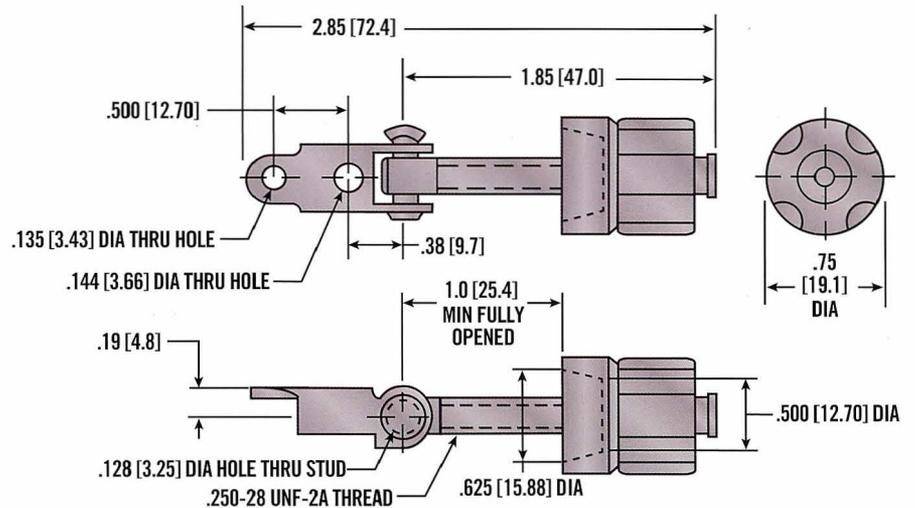
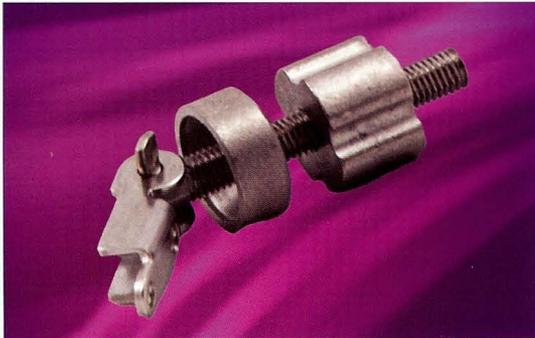


Part Number	MS Number	Weight	Material	A	B	Max Tensile Load
21953-1 without clevis	MS14108-3	1.5 oz	Stainless steel	1.88 [47.8]	1.00 [25.4]	1,000 lbs
21953-2 without clevis	MS14108-4	1.6 oz	Stainless steel	2.75 [69.9]	1.88 [47.8]	1,000 lbs
21953-3 with clevis	—	1.7 oz	Stainless steel	1.88 [47.8]	1.00 [25.4]	1,000 lbs
21953-4 with clevis	—	1.8 oz	Stainless steel	2.75 [69.9]	1.88 [47.8]	1,000 lbs



Retainer SLR1

Commercial | Military | Rotary | Ground

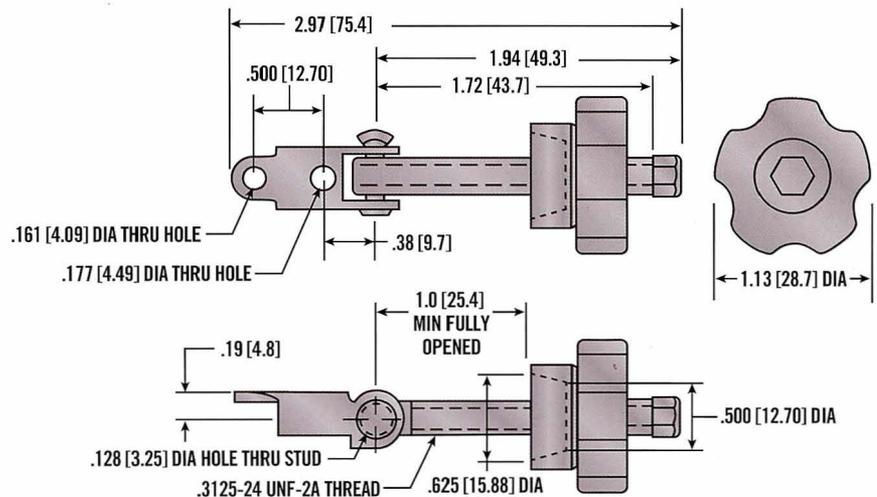


Part Number	Weight	Material	Max Tensile Load
SLR1-AB with clevis & pin	1.6 oz	All stainless steel	1,500 lbs
SLR1-BB without clevis & pin	1.4 oz	All stainless steel	1,500 lbs



Retainer SLR2

Commercial | Military | Rotary | Ground



Part Number	Weight	Material	Max Tensile Load
SLR2-AB with clevis & pin	1.6 oz	Stainless steel with aluminum knob	1,500 lbs
SLR2-BB without clevis & pin	1.4 oz	Stainless steel with aluminum knob	1,500 lbs

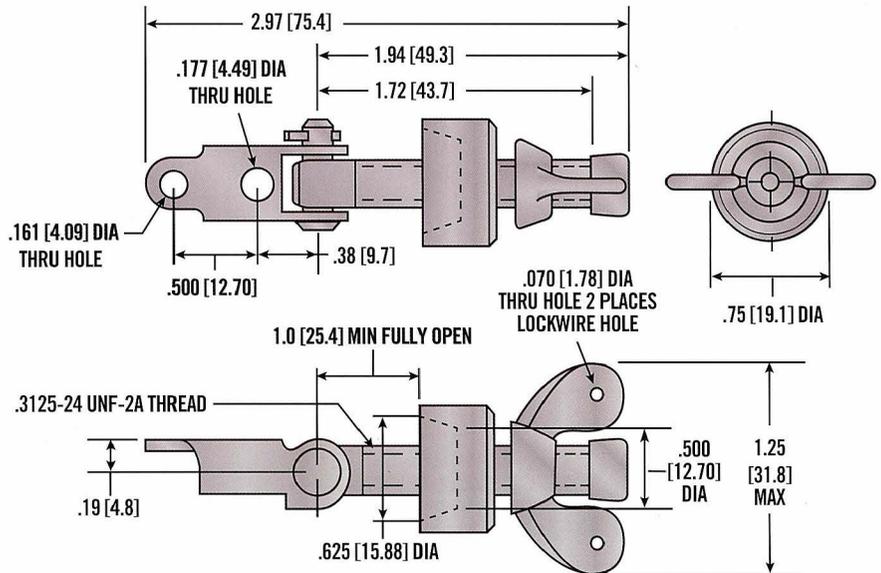


Retainer 3393-001000

Commercial | Military | Rotary | Ground



Part Number	Weight	Material	Max Tensile Load
3393-001000	1.6 oz	Stainless steel with cadmium plated steel wing nut	1,750 lbs

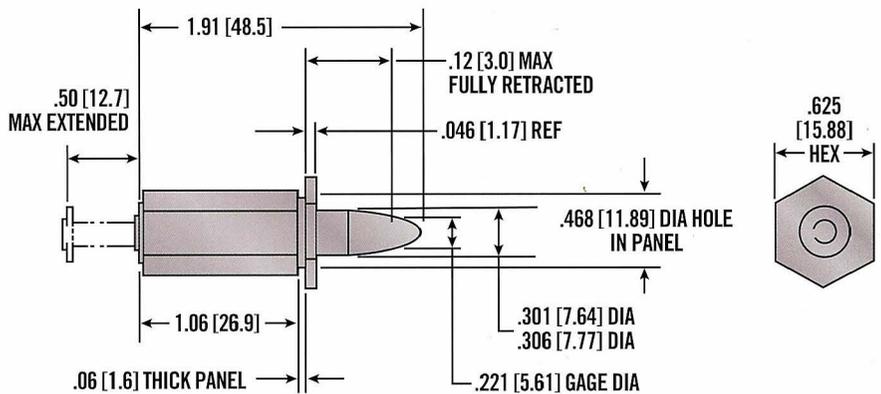


Rear Retainer 91703

Commercial | Military | Rotary | Ground



Part Number	Weight	Material
91703-1	1.0 oz	Stainless steel

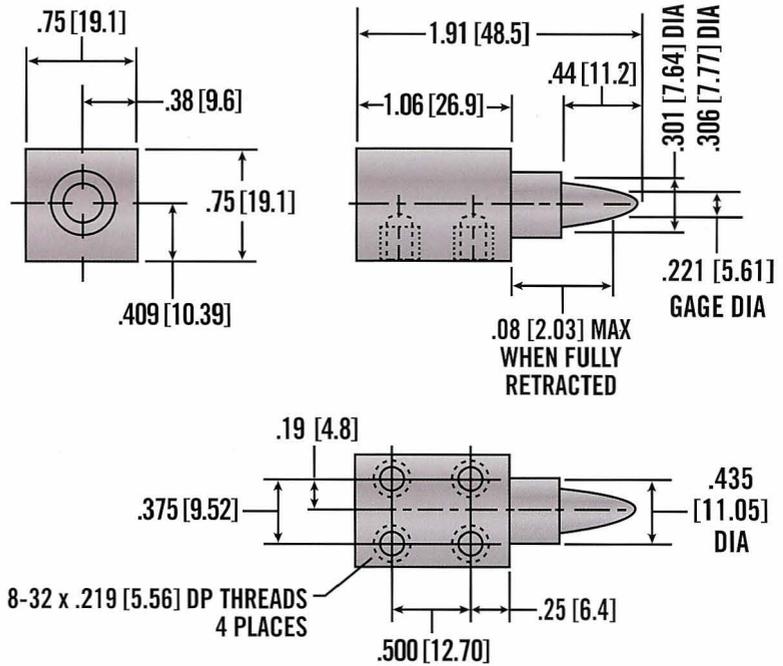




Rear Retainer

3098-005000

Commercial | Military | Rotary | Ground



Part Number	Weight	Material
3098-005000	1.5 oz	Stainless steel with aluminum block

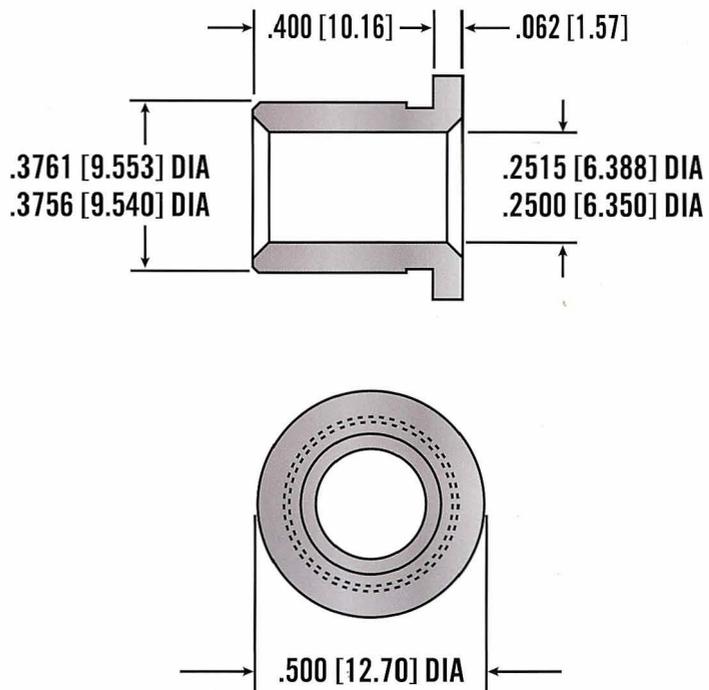
PN 3098-005-000 is now 3098-005000



Bushing

96369

Commercial | Military | Rotary | Ground



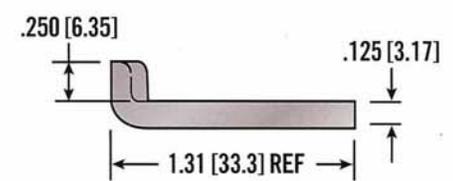
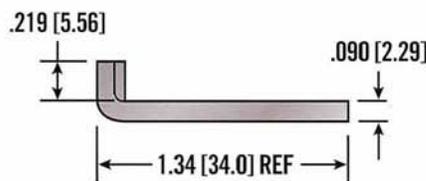
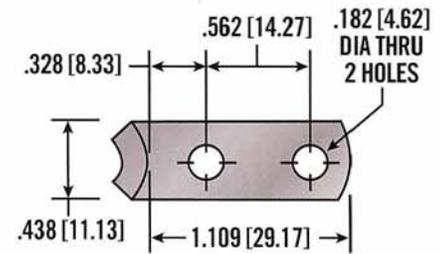
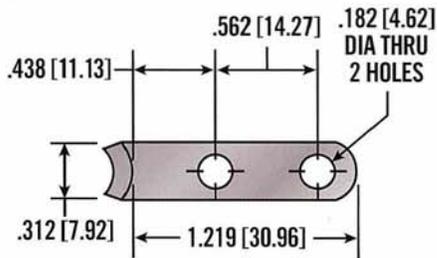
Part Number	Weight	Material
96369-1	4 grams	17-4 Stainless steel cadmium plated

Hook

430913-00901

439507-01901

Commercial | Military | Rotary | Ground



Part Number	Weight	Material
430913-00901	4 grams	Stainless steel
439507-01901	9 grams	Stainless steel

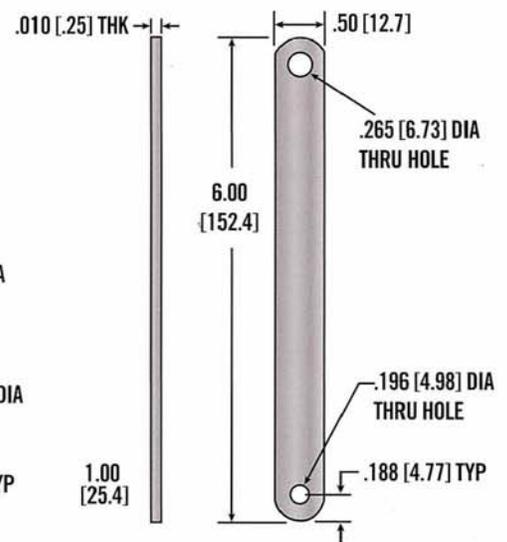
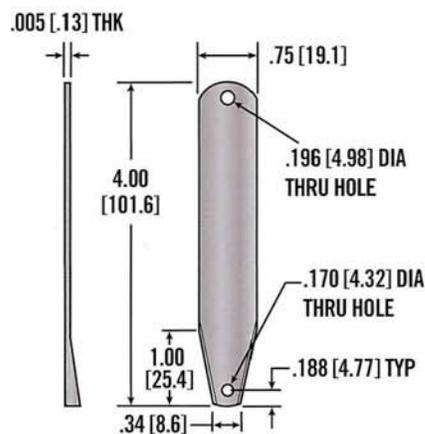
Electrical Grounding Strap

Bonding Strap

885368-90804

880749-90704

Commercial | Military | Rotary | Ground



Part Number	Weight	Material
885368-90804	3 grams	Phosphor bronze
880749-90704	3 grams	Phosphor bronze

AVIONICS RACKS, TRAYS AND STRUCTURES

Aerospace & Defense

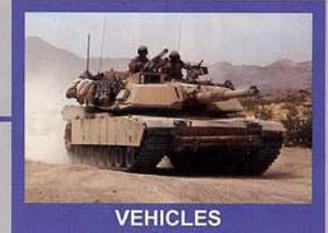
Engineering
Project Management
Manufacturing
Testing
Quality

**+50 YEARS
EXPERIENCE
IN THE
AEROSPACE
INDUSTRY**

ARINC 404, 404A, 600, etc
MS14108
Mil-F-85731
Mil-STD 810
RTCA-DO/160
Mil-STD 167



COMMERCIAL



VEHICLES



FIXED



IFE



HELICOPTER



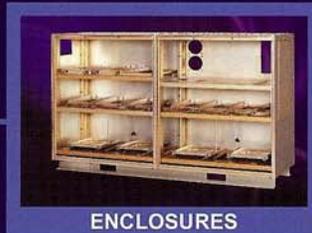
COMMERCIAL



MILITARY



ENGINEERED



ENCLOSURES



HARDWARE

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