

Aircraft Hardware

SAFETY WIRE



1 LB. INTERNAL WOUND DISPENSING SPOOLS	
PART#	DESCRIPTION
MS20995C21	.021 Lockwire
MS20995C25	.025 Lockwire
MS20995C32	.032 Lockwire
MS20995C41	.041 Lockwire

7 X 7		PREFORMED GALVANIZED AIRCRAFT CABLE
MILITARY SPECIFICATION Mil-W-83420, Latest Amendment, Wire Rope, Flexible for Aircraft Control, Type I - Non-Jacketed Wire Rope, Composition A - Carbon Steel, Zinc Coated, or Zinc and Tin Coated		
DIAM IN INCHES	APPROX. WEIGHT 100 FT. IN LBS.	MINIMUM BREAK STRENGTH IN LBS.
1/16	.75	480
3/32	1.7	920

7 X 19		PREFORMED GALVANIZED AIRCRAFT CABLE
MILITARY SPECIFICATION Mil-W-83420, Latest Amendment, Wire Rope, Flexible for Aircraft Control, Type I - Non-Jacketed Wire Rope, Composition A - Carbon Steel, Zinc Coated, or Zinc and Tin Coated		
DIAM IN INCHES	APPROX. WEIGHT 100 FT. IN LBS.	MINIMUM BREAK STRENGTH IN LBS.
3/32	1.7	1000
1/8	2.9	2000
5/32	4.5	2,800
3/16	6.5	4200

7 X 19		PREFORMED STAINLESS STEEL AIRCRAFT CABLE FLEXIBLE TYPE 302/304
MILITARY SPECIFICATION Mil-W-83420, Latest Amendment, Wire Rope, Flexible for Aircraft Control, Type I - Non-Jacketed Wire Rope, Composition B: Corrosion-Resistant Steel		
DIAM IN INCHES	APPROX. WEIGHT 100 FT. IN LBS.	MINIMUM BREAK STRENGTH IN LBS.
3/32	1.7	920
1/8	2.9	1,760

CONTINUOUS PIANO HINGE FOLDED

Piano Hinge is available in either aluminum alloy or in corrosion resistant steel. Aluminum alloy hinges are available either anodized or unanodized. All sizes in stock are complete hinges (2 half-hinges, plus pins) in 72" lengths only.

Examples of part number for MS20257 complete hinge having a length of 72" and an open width of 1-1/2"
 MS20257-4 (unanodized aluminum)
 MS20257P4 (anodized aluminum)
 MS20257C4 (corrosion resistant steel)
 (Not necessary to specify the dash number of '-7200' when ordering stock lengths of complete hinge)

MS20257 Dash No.			Open Width (in)	Nom.Thick (in)		MS20253 Pin Dash No.	
Alum.		Corr. Res.		Alum.	Corr.	Cad.	Pass.
Unan.	Anod.						
-1	P1	C1	3/4	.032	.031	P1	-1
-2	P2	C2	1-1/16	.040	.037	P2	-2
-3	P3	C3	1-1/4	.040	.050	P3	-3
-4	P4	C4	1-1/2	.040	.062	P3	-3
-5	P5	C5	2	.051	.062	P4	-4
-6	P6	C6	2	.064	.062	P4	-4

Use CAD,(Cadmium Plated) pins in aluminum hinges.
 Use PASS (Passivated) pins in corrosion resistant hinges.

STRUCTURAL EXTRUDED HINGE

Piano Hinge is available in aluminum alloy 2024T-3511 either anodized or bare. All sizes in stock are complete hinges (2 half-hinges, plus pins) in 72" lengths only.

Examples of part number for MS20001-2 complete hinge having a length of 72" and an open width of 1-1/2"
 MS20001-4 (unanodized aluminum)
 MS20001P4 (anodized aluminum)
 (Not necessary to specify the dash number of '-7200' when ordering stock lengths of complete hinge)

MS20001 Dash No.		Open Width (in)	Nom.Thick (in)	MS20253 Pin Dash No.	
Alum.				Alum.	Cad.
Unan.	Anod.				
-2	P2	1-1/16	.056	P2	-2
-3	P3	1-1/4			
-4	P4	1-1/2			
-5	P5	1-3/4			
-6	P6	2			