

THROTTLES – EYEBALL FIREWALL ASSEMBLIES



FRICTION THROTTLE

Adjustable friction throttles with same construction as the ACS A-800 friction throttle but with a large (2" dia.) black solid plastic knob. Has 3/16" dia. 10-32 threaded end with 8" swivel. Stocked in the following lengths (measurement taken from under panel nut to end of threaded shaft with knob pushed in). Order by Part No. Made in the U.S.A.

Length	Part No.	Price	Length	Part No.	Price
3 Ft.	05-13700	---	5 Ft.	05-13900	---
4 Ft.	05-13800	---	6 Ft.	05-14000	---

SPECIAL LENGTH CONTROLS - Use price of next longest stock length above plus \$20 set-up charge. For lengths over 6 ft. also add \$1.45 per foot. Allow 2-3 weeks. **THROTTLE KNOB** - Black solid plastic knob, 2" dia., with 1/4-28 internal threads. P/N 05-29100 ---

BUTTON TYPE DASH CONTROL



Button Type Dash Control designed for use with many control system applications. Easily installed. Operates smoothly. All adjustable parts are metal. 7/8" Dural button on 3/16" diameter shaft. Maximum travel is 2". Furnished in 5 ft. and 8 ft. length. May be shortened. Order Inserts separately.

5 Ft. Dash Control P/N 05-14200 ---
8 Ft. Dash Control P/N 05-14300 ---



INSERTS ONLY

Round pressure-sensitive labels, 3/4" dia. White lettering on black background. Order by part number. Basic P/N is 05-144. Last two digits of P/N are as shown in above illustration. Example: 05-14460 is "Starter" --- Ea

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MC6160 UNIVERSAL PUSH TO UNLOCK CONTROL



Perfect for Alt Air and Carb Heat controls for the experimental / homebuilt market. Knobs can be engraved for --- per knob. Custom laser marking of the knobs is available for --- per knob.

Receive a \$15.00 discount for each additional knob with the same design.

Size	Color	Part No.	Price	Size	Color	Part No.	Price
6Ft	Black/Black	05-04607	---	6Ft	Clear/Black	05-04610	---
8Ft	Black/Black	05-04608	---	8Ft	Clear/Black	05-04611	---
12Ft	Black/Black	05-04609	---	12Ft	Clear/Black	05-04612	---

T-HANDLE DASH CONTROL



Manufactured of duralumin and brass. Locks positively, will not vibrate loose. One-fourth turn locks it in any position and will hold up to 100 lbs. Standard travel 2-1/2". T-handle is 1-3/4" wide. Can be mounted from front or rear of instrument panel. Complete with wire and casing which may be shortened.

SINGLE WIRE

5 Ft. Control P/N 05-15000 ---

8 Ft. Control P/N 05-15100 ---

12 Ft. Control P/N 05-15200 ---

TWO WIRES

8 Ft. Control P/N 05-15300 ---



CARBURETOR HEAT CONTROL FOR CESSNAS

Carburetor Heat Controls for Cessna 140 thru 185 aircraft. High temperature Teflon lined conduit for reduced vibration wear, longer life and smooth, consistent control. Cheap controls with poly liners will not tolerate engine temperatures and special heavier wire for more fatigue strength and reliability. Improved friction mechanism. High quality scratch resistant phenolic knob. Updated square knob meets the latest FAA standards. 4ft. end to end. P/N 05-11978 ---

CARBURETOR HEAT CONTROL FOR PIPER PA 28



Special, heavier wire for more fatigue strength and reliability. Improved friction mechanism. Reduced vibration wear. Anti-rotate feature to reduce stress on the inner wire. High temperature Teflon lined conduit. High quality replacement knobs duplicate the original Piper color and shape to maintain the original factory appearance of the instrument panel. P/N 05-15355 ---

EYEBALL FIREWALL ASSEMBLIES

Allows easy installation of cables with oblique entry/exit angles. Includes the eyeball swivel, cable pass through, and line clasper. The Eyeball swivels up to 50 degrees and is clamped in place to complete installation. The hole is easily enlarged for other sizes.

Ball Matl.	Aluminum		Steel		Aluminum	
	SE961-B		SE961-S		TTp	
Appx. Wt.	0.08 lb.		0.07 lb.		0.10 lb.	
Model No.	SE961-B		SE961-S		TTp	
Hole Size	Part No.	Price	Part No.	Price	Part No.	Price
.125"	05-03440	---	05-00764	---	05-00722	---
.188"	05-00957	---	05-00766	---	05-00723	---
.218"	05-01378	---	05-01381	---	05-01383	---
.240"	05-01379	---	05-01382	---	05-01384	---
.250"	05-00958	---	05-00767	---	05-00724	---
.260"	05-00959	---	05-00768	---	05-00726	---
.312"	---	---	05-12502	---	---	---
.330"	05-12498	---	05-12503	---	05-12493	---
.375"	05-01380	---	05-12504	---	05-12494	---
.438"	05-12499	---	05-12505	---	05-12495	---
.500"	05-12500	---	05-12506	---	05-12497	---
.562"	---	---	05-12507	---	---	---
.750"	---	---	05-12508	---	---	---

SERIES 4000 SPHERICAL METAL GROMMETS



The 4000 Series Spherical Metal Grommets have been developed to offer superior and robust aircraft cockpit fire protection and to give flexibility in routing pass-through controls at angles up to 50° from perpendicular. The 4000 Series require only a single hole for minimum installation time. All-steel construction allows the product to meet temperature requirements of FAA Aircraft Circular 20-135 for certificated aircraft. **Model 4100** has an extended body and enlarged body flange for use on composite firewalls. **Model 4200** accommodates steel firewalls up to 0.040" thickness.

4100 Series			4200 Series		
Size	Part No.	Price	Size	Part No.	Price
.125"	05-06893	---	.125"	05-06905	---
.188"	05-06894	---	.188"	05-06906	---
.218"	05-06895	---	.218"	05-06907	---
.240"	05-06896	---	.240"	05-06908	---
.250"	05-06897	---	.250"	05-06909	---
.260"	05-06898	---	.260"	05-06910	---
.312"	05-06899	---	.312"	05-06911	---
.375"	05-06901	---	.375"	05-06912	---
.438"	05-06902	---	.438"	05-06913	---

MODEL 4100 SERIES SHOWN HAVE A BODY LENGTH OF 1/2". SEE WEBSITE FOR LONGER BODY LENGTHS.



SERIES 6000/7000 SPHERICAL METAL GROMMETS

The 6000 Series Spherical Metal grommets have been developed to address these issues: Space restrictions on some firewalls, Ease and time required for installation, FAA requirements for fire protection, and Minimum parts count.

This series requires only space for a 3/4" wrench on the firewall, and can accommodate ball hole sizes from .125" to .260".

The 7000 Series Spherical Metal Grommets have been developed to require minimal preparation and installation time in a robust, all-steel product with a minimal parts count and parts less likely to be dropped or lost during installation. As an all-steel product, it meets the heat resistance requirements of FCC AC 135. This is a requirement for firewall use in certificated aircraft. Installation still requires FAA field approval for those aircraft.

The Model 7000 can accommodate a pass-through up to .925" in diameter, making it ideal for pass-throughs.

6000 Series			7000 Series		
Size	Part No.	Price	Size	Part No.	Price
.125"	05-06929	---	.125"	05-06935	---
.188"	05-06930	---	.188"	05-06936	---
.218"	05-06931	---	.218"	05-06937	---
.240"	05-06932	---	.240"	05-06938	---
.250"	05-06933	---	.250"	05-06939	---
.260"	05-06934	---	.260"	05-06940	---
			.312"	05-06941	---
			.375"	05-06942	---
			.438"	05-06943	---
			.500"	05-06944	---
			.562"	05-06945	---
			.750"	05-12501	---

SEE WWW.AIRCRAFTSPRUCE.COM FOR COMPLETE SELECTION OF SPHERICAL METAL GROMMETS