

# THROTTLES – CONTROL ATTACHMENTS



## 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.

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/N05-29100 .....

## 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

## T-HANDLE DASH CONTROL

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 200 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 .....

## THROTTLE CONTROL

McFarlane Aviation offers FAA/PMA approved throttle, propeller, and mixture controls for most single engine Cessna and Piper aircraft. The "pilot friendly" knobs are all compression molded from reinforced phenolic resin. The phenolic knobs are hard and stable. Unlike the soft injection molded knobs, they resist scratching and the effects of sunlight and age. The McFarlane knobs meet the latest F.A.R. requirements for shape, and color. When ordering please provide: Make, Model, and Serial.

P/N 05-02486.....

## EYEBALL FIREWALL ASSEMBLY

A swiveling firewall carry through assembly allows easy installation of cables with oblique entry/exit angles. Assembly 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. It comes in 0.125, 0.188, 0.218, and 0.260 inch sizes. The hole is easily enlarged for other sizes.

Ball Matl.	Aluminum		Steel		Aluminum	
	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	.
.375"	05-01380	.	----	----	----	----

## ROTAX DUAL CARBURETOR THROTTLE CONTROLS

Allows a neat, clean throttle installation without a clunky splitter box. Supersmooth friction lock, heavy duty 0.062 inch stainless steel inner wires.

Description	Part No.	Price	Description	Part No.	Price
4' Std Knob	05-04385	.	6' Std Knob	05-04386	.
6' Std Knob	05-04387	.	4' Ball Knob	05-04388	.
6' Ball Knob	05-04389	.	8' Ball Knob	05-04390	.

## ATTACHING HARDWARE FOR CONTROLS



**WIRE GRIP** - Is a unique fitting which securely attaches to solid wire end push-pull cables. Uses a "pin vice" gripping action to attach a cable. The 5/8" long 10-32 threaded end will attach a clevis, ball joint, or other hardware for use with mixture controls, carb heat box, cabin air, or other applications, resulting in a clean, professional installation.

For .050 - .060 dia cables..... P/N 05-16000 .....

For .078 dia cables ..... P/N 05-16001 .....

(Use P/N 05-16001 on A790 ACS controls)



**AN486 TERMINALS** - With 1/4-28 female threads. Fork hole dia. 3/16". AN486-3P has 17/64" fork opening. AN486-4P has 9/64" fork opening.

P/N AN486-3P.....

P/N AN486-4P.....



**AN665-21R TERMINAL** - Has 10-32 threads and 3/16" dia. fork hole. Furnished with clevis pin, cotter pin and locknut. P/N 05-02500.....



**BOLT TYPE TERMINAL** - Special 3/16" dia. bolt with drilled shank. With hex nuts and washers. Use instead of "bug" nut. .... P/N 05-16100 .....



**CONTROL HOUSING CLAMPS** - AN742 plain loop type clamps to secure housing of throttles, dash controls, Bowden cable, etc. to airframe.

AN742-D3 for 3/16" O.D.....

AN742-D4 for 1/4" O.D.....



### SLOTTED BRACKET CONTROL MOUNT-

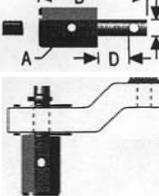
Notch of end fitting locks into slot of bracket to secure control. Steel Construction. P/N 10465.....

PN 10465

### CLAMP STYLE CONTROL MOUNT -

Protruding "finger" in clamp holds control in position. Two-piece steel clamp and base. P/N 10464.....

## CABLE END "B" NUT



This universal NAP assembly will eliminate bent or smashed push-pull cable ends and get a strong hold at the same time. The cable end lays in a machined channel at the bottom of the screw hole. Tightening the compression screw snugs down on the cable end thus eliminating any potential crimping or smashing of the cable. Eliminates wear, possible cable breakage and enhances smooth push-pull operation. Complete with washers and cotter pin. All stainless steel, computer machined and easy to install.

Part No.	A	B	C	D	Throttle, Wt., 26 oz..... P/N 05-16210...../ea.
05-16210	070	825	186	241	Mixture, Wt., 29 oz..... P/N 05-16230...../ea.
05-16230	086	825	249	255	Cabin Heat, Wt., 26 oz... P/N 05-16240...../ea.
05-16240	070	645	249	093	Carb Heat..... P/N 05-16245...../ea.
05-16245	070	645	186	093	

**DISCOUNT: LESS 20% ON 25 OR MORE.**

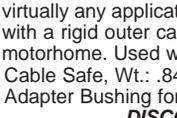
## CABLE SAFE



A Safe "No-Slip-Grip" for your thru bulkhead cables. This unit prevents your throttle, mixture, choke or any push-pull cable from slipping at the firewall/ bulkhead location. Machined from lightweight aluminum, and final blue anodizing. Installation is simple with a drill and wrench. Once installed, the cable is threaded and the end nut is snugged down on the cable casing for positive encapsulation. Designed specifically for the aircraft industry, these fittings can be installed on virtually any application that requires a solid hold on any cable assembly with a rigid outer case. Thousands of applications: auto, boat, race car, motorhome. Used with 1/4" thru 7/32" diameter cable.

Cable Safe, Wt.: .84 oz..... P/N 05-16250 ...../ea.  
Adapter Bushing for 3/16" Cable Housings... P/N 05-16251 ...../ea.

**DISCOUNT: LESS 20% ON 25 OR MORE.**



### CABLE SAFE II -

This Fitting is designed for use on coaxial type control cables. It has a two piece design to allow it to be placed over the cable inserted thru the firewall & tightened down, providing a positive lock.

For 1/4" cable housing ..... P/N 05-16252 ...../ea.

For 3/8" cable housings..... P/N 05-16253 ...../ea.



### ADAPTOR -

For the cable safe to adapt down to 3/16" diameter cable housings. .... P/N 05-16251 ...../ea.



## ONE HOLE EYEBALL ASSEMBLY

Bulkhead carry through assembly with eyeball swivel, cable & line claspability. easy installation with one-hole installation. All aluminum construction.

.125 Dia.. 05-00722..... .250 Dia. 05-00724.....

.188 Dia.. 05-00723..... .260 Dia. 05-00726.....

AP