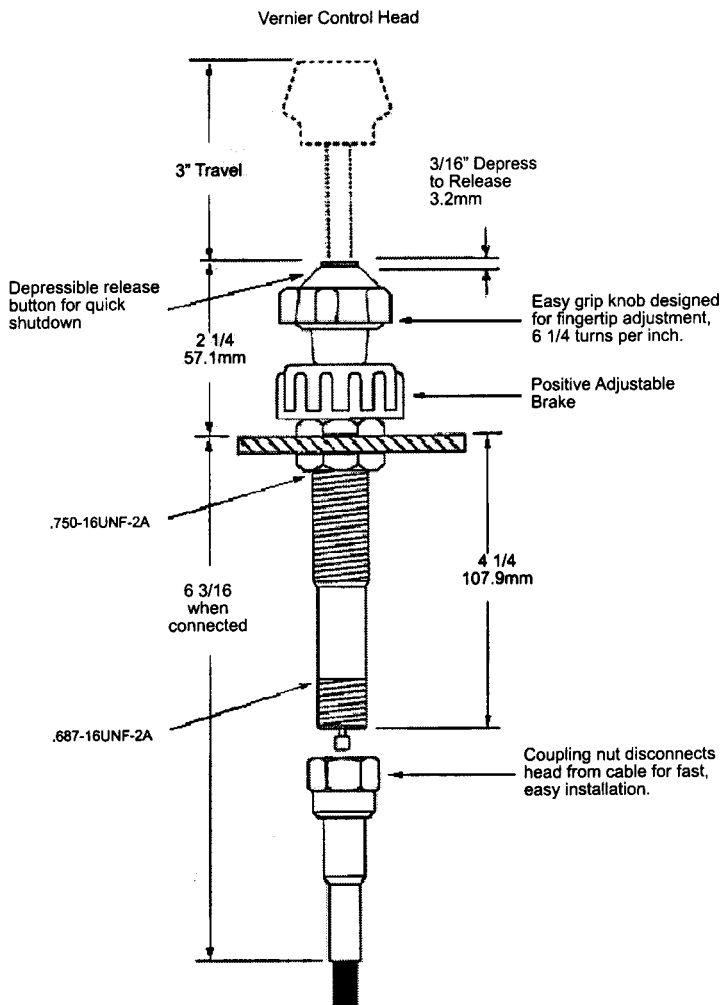


Vernier Controls

The Teleflex Morse Vernier Control is the premium mechanical control cable for setting engine RPM and other micro/macro adjustments.

Applications range from generator sets, to manual throttles for warm up on a wide variety of on and off-road vehicles.



**New Vernier Control Head
P/N 317310**

New! Larger grip for easier feel
New! Two internal ball-bearings for smoother adjustment

Key Features

- **Fast and Simple Installation** - can be mounted independently to the the dash and then connected to the cable on the other side of dash or firewall.
- **Positive Adjustment** - depress top of grip and pull the Vernier knob out until an approximate rpm or setting is achieved.
- **Positive Adjustable Brake** - precise settings can be maintained through vibration or governor back pressure by setting the correct amount of friction on the brake.
- **Fast Shutdown** - simply depress top of grip and simultaneously push in the knob for immediate shutdown.

Vernier Controls

Fast and Simple Installation

The vernier control head is easily disconnected from the cable by simply backing off the coupling nut and disengaging the connectors. This feature eliminates pushing cables through mounting cutouts and trying to route from the cab end. The control head can be mounted independently to the dash and then connected to the cable on the other side of the dash or firewall.

Operating Loads

The Vernier Control is recommended for operating loads up to 20 lbs. regardless of the series cable selected. The control can withstand much higher

operating loads, but human engineering factors come into play at about 20 lbs. Operating fingertip type controls at loads above 20 lbs. can cause fatigue and discomfort to operator's fingers and hands. Consideration should be given to a different type of control for loads exceeding 20 lbs.

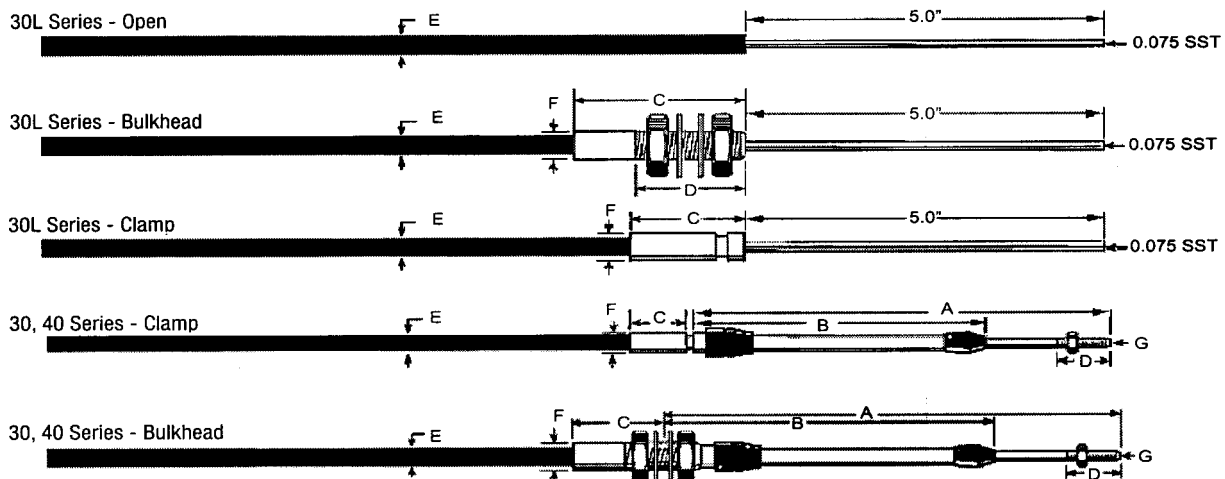
Cable Travel

The Quick Release Vernier features a standard 3" of travel. Travel under 3" can be accommodated using an L type cable and a stop collar or pivot on the core wire to restrict travel. Reduced travel with 30 or 40 series cables with rod type output ends can be accommodated with stops on the lever or mechanism to which the cable is attached.

** For fastest delivery ask about **TMAP** cables. Custom built and shipped the same day!*

Series Description	End Type	Cable Series Part Number (cable only)	Cable Series Part Number (cable w/head)	Min. Bend Radius	"A"	"B"	"C"	"D"	"E" Dia.	"F" Dia.	"G" Thread UNF-2A
30L	Open	307141	317341	6"	-	-	-	-	.26	-	-
30L	Bulkhead	307142	317342	6"	-	-	1.88	1.00	.26	.38	-
30L	Clamp	307143	317343	6"	-	-	1.31	-	.26	.38	-
30	Bulkhead	307144	317344	8"	8.88	5.00	1.44	.88	.26	.44	.187-32
30	Clamp	307145	317345	8"	8.19	4.31	1.13	.88	.26	.38	.187-32
40	Bulkhead	307146	317346	5"	9.13	5.13	1.76	1.00	.43	.62	.250-28
40	Clamp	307147	317347	5"	8.50	4.50	1.38	1.00	.43	.56	.250-28

CABLE END TYPES



Phone: 800-225-0004 ☎ Fax: 908-486-1056
e-mail: sales@sealandpower.com

Vernier Controls

Measuring and Ordering

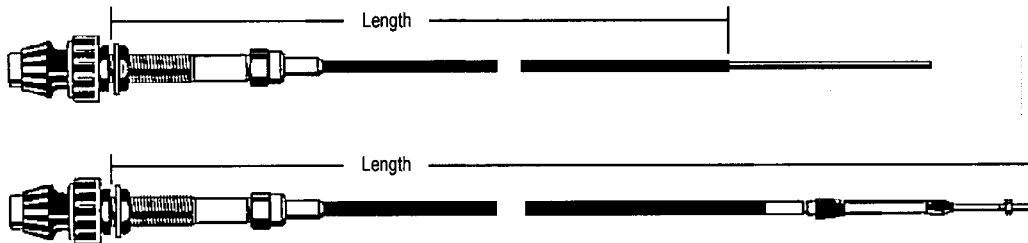
All L-type cables are measured to the point where the core wire exits the cable conduit.

Cables with rod-type end fittings are measured to the rod end.

A Quick Release Vernier Control can be ordered as two separate items. Use part number 317310 for the Vernier Control Head. Then order the desired cable part number, immediately followed by the desired cable length expressed in inches (order in 1 ft. increments). Cables over 20 ft. are special order.

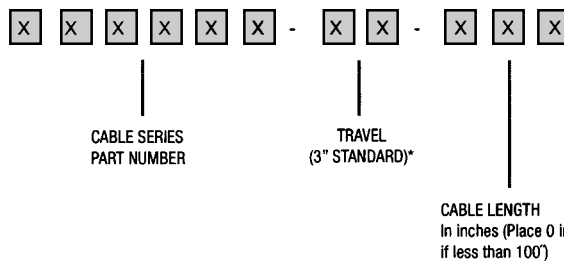
*** For fastest delivery ask about *TMAP* cables. Custom built and shipped the same day!**

Vernier Hardware and Accessories	Part Number
30L Stop Collar	037693
30L Clamp	043229
30L Pivot	047639
30L Pivot	047640
30L Pivot	047641
30L Bulkhead Adapter Kit	300673
30L Clamp Adapter Kit	302485
30C Clamp to Bulkhead Kit	304307
40C Clamp to Bulkhead Kit	304308



Note: Cable length stamped on the cable is the overall length that is achieved when the vernier control head is attached to the cable.

PART NUMBERING SYSTEM



*30L Series is only 3" travel, but use -00 for travel designation.
Example: 307544-00-120

Phone: 800-225-0004 ☎ Fax: 908-486-1056
e-mail: sales@sealandpower.com

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