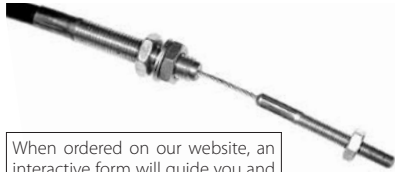


Custom Made Throttle Cables



When ordered on our website, an interactive form will guide you and calculate maximum cable travel!

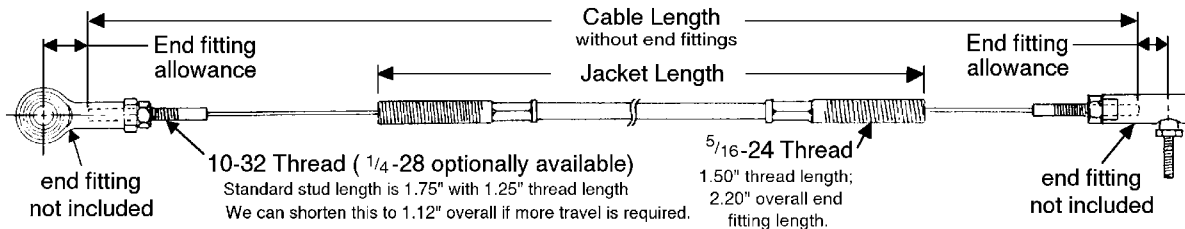
Our throttle cables use a Teflon® lined casing for long-wearing, smooth, low-friction operation. A 5/16-24 threaded bulkhead fitting is attached to each end of the jacket for maximum adjustment range. The inner cable is 1/16 inch diameter, 49 strand stainless steel aircraft cable with swaged threaded studs at each end (8-32, 10-32 and 1/4-28 studs are available). Rated breaking strength of the cable is 400 pounds. These cables are for use in tension only. They are not meant for push-pull applications. Mounting hardware is furnished.
Note: It is neither necessary nor desirable to lubricate these Teflon® lined cables!

Ordering Information

We just need three dimensions from you to complete the assembly:

- The **jacket length**
- The **inner cable length** (including the threaded studs)
- The **total travel required** on the finished assembly

Please note that **the most critical measurement is the difference between the jacket length and the inner cable length.** If this difference is too small, the cable may not have enough travel. The threaded fittings will give only about three inches of total adjustment so please measure carefully to avoid errors. We suggest either measuring your old cable or taking measurements on the car with the pedal held to the floor and the throttle held fully opened since this is the most critical adjustment position. Be sure to allow for the fittings you plan to add to the cable ends (see the listings below for length allowances for various end fittings).



How to order a Custom Made Throttle Cable

- Step 1. Use the chart below to find your basic part number based on the cable ends you need.
- Step 2. Determine the proper measurements for the jacket and cable lengths.
- Step 3. Check the resulting travel. Subtract your jacket length and the stud lengths (below) from the inner cable length. The difference *must be greater than* the minimum travel required.

Custom made items can not be returned for credit.

Cable Ends Terminated	Size of Cable Ends	Stud Lengths	Part No. of Complete Assembly
2	10-32 on both ends	3.6" (1.8" x2)	1270-Basic
2	1/4-28 on both ends	4.2" (2.1" x2)	1270-Basic 2
2 (1 of each)	10-32 on one end, 1/4-28 on one end	3.9" (1.8" + 2.1")	1270-Basic 3 (mixed ends)
1	10-32 on one end	1.8"	1270-Basic 4
1	1/4-28 one one end	2.1"	1270-Basic 5
1	8-32 on one end	1.5"	1270-Basic 6
0	none	0	1270-Basic 7

* One end of the 1/16 inch diameter inner cable is not terminated on the Basic4, Basic5 and Basic6 versions. Neither end is terminated on the Basic7.

Example: A 1270-Basic cable (10-32 studs on both ends) with a jacket length of 60" and a cable length of 72" will have a maximum possible travel of 8.4" when the cable is perfectly straight (72 - 60 - 3.6 = 8.4). The travel will be reduced when the cable is bent and curved.

Throttle Cable End Fittings

These end fittings are not included with our custom throttle cables. We offer a wide variety of styles to make it easy to connect to any pedal and carburetor combination.



Female Rod Ends These rod ends are made slightly loose so the cable can pivot freely on the pedal or carburetor linkage. A Teflon® lined rod end can be too stiff for this application. The end fitting allowance to be used in determining cable length is shown below.

10-32 with 3/16 inch hole (.62" end fitting allowance)Part No. 1275
 1/4-28 with 1/4 inch hole (.75" end fitting allowance)Part No. 1279



Stud Type Ball Joints Available with either 10-32 or 1/4-28 threads. The male stud thread size matches the female body thread size. Either size is available in a quick release version (with spring-loaded sleeve) as well as the permanently attached style.

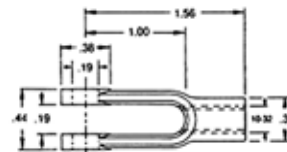
10-32 Fixed type Ball Joint (.56" end fitting allowance)Part No. 1276
 10-32 Quick Release Ball Joint (.56" end fitting allowance)Part No. 1274
 1/4-28 Quick Release Ball Joint (.56" end fitting allowance)Part No. 1033

The **end fitting allowance** is the distance the fitting will add to the length of your cable when screwed all the way in (measured to the centerline of the fitting bore).



Forged Yoke and Clevis Pin A quality, high-strength fitting that works well in many applications which do not require the precision of a rod end. See drawing below for dimensions.

10-32 Forged Yoke and Pin Assembly (1.0" end fitting allowance)Part No. 1273



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