5 Steps to ordering a Push-Pull cable

The following 5 steps will help create an ordering code for your custom push-pull cable. If you need assistance please don't hesitate to give us a call and we will be happy to assist you.
(562) 949-0455 or email sales@controlcables.com

① Construction

173 - Utility grade with stainless end rods.
174 - Marine utility grade with stainless end rods, stainless support tubes, and stainless inner member.
175 - Marine utility with stainless conduit fittings, end rods, support tubes, and stainless inner member.
184 - Low friction with plastic wear surfaces. Stainless end rods, support tubes and coated inner member.
(Available in all sizes except **HD**.)
314EXT - Low friction with plastic wear surfaces. Stainless end rods.
814 - High temperature cable. Available in **U**ltra light duty **V**ery light duty, and **L**ight duty push pull with stainless end rods and support tubes.

② Duty
U - Ultra Light Duty
V - Very Light Duty
L - Light Duty
M - Medium Duty
H - Heavy Duty
(Determine from Table A)

③ Conduit End Fittings
TT - Threaded fittings both ends.
GG - Grooved fittings both ends.
TG - Threaded fitting on one end and grooved on the other
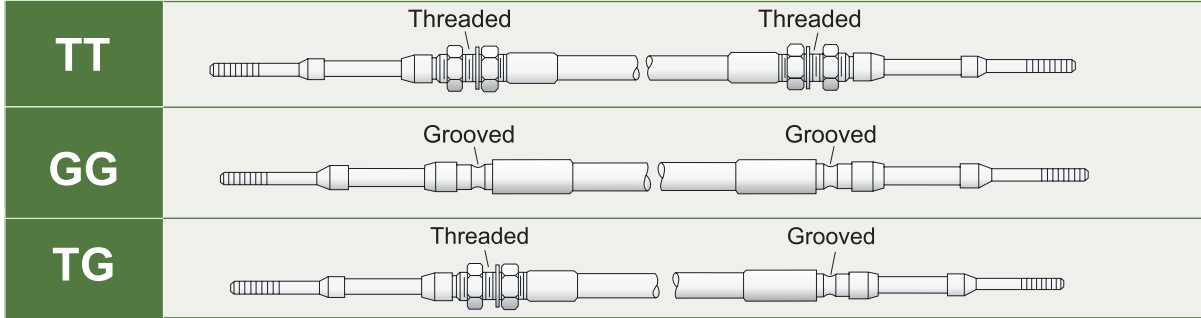**(Determine from Table A)**

④ Length Of Travel
1-6 Inches.

⑤ Overall Length
In inches.

173-MTG-2-90

Conduit End Fitting Options

TT	Threaded .... Threaded
GG	Grooved .... Grooved
TG	Threaded .... Grooved

TABLE A		All Cables								Threaded Conduit End Fittings							Grooved Conduit End Fittings							
			Min. Bend Radius (Inches)	Pull Load Capacity (pounds)	Push Load Capacity For Travel Shown In Inches						Dimension "A" For Travel Shown in Inches							Groove Dim. Root	Dimension "A" For Travel Shown In Inches					
	Basic Part #	Thread F			1" & 2"	3"	4"	5"	6"	Thread W	1"	2"	3"	4"	5"	6"	Radius	Dia.	1"	2"	3"	4"	5"	6"
	U	10/32 x .089	2	100	40	35	N/A	N/A	N/A	7/16-20 x 1.12	4.38	5.87	7.38	8.87	10.38	11.87	0.13	0.25	3.69	5.19	6.69	8.19	9.69	11.13
	V	10/32 x .089	2	120	80	70	80	60	30	7/16-20 x 1.12	4.38	5.87	7.38	8.87	10.38	11.87	0.13	0.25	3.69	5.19	6.69	8.19	9.69	11.13
	L	1/4-28 x 1.00	3	230	150	125	100	75	50	5/8-18 x 1.50	4.62	6.12	7.62	9.12	10.65	12.12	0.17	0.41	4.00	5.50	7.00	8.50	10.00	11.50
	M	5/16-24 X 1.00	5	400	250	210	170	130	100	11/16-16 X 1.75	5.06	6.56	8.06	9.56	11.06	12.56	0.17	0.47	4.38	5.87	7.38	8.87	10.38	11.87
	H	3/8-24 x 1.38	6	1000	700	600	500	400	300	7/8-14 x 2.00	5.69	7.19	8.69	10.19	11.69	13.19	0.20	0.50	5.19	6.69	8.19	9.69	11.19	12.69

Use the diagram below to determine LENGTH and TRAVEL.

Thread "F"
Center of thread
"A" at Mid-Travel
"A" at Mid-Travel
Thread "F"
Thread "W"
Groove
Overall length in inches

Control CABLES INC.

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