

WITHOUT CASING

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> MATERIAL:

Flexible Cable - Steel
End Fittings - Plated Steel



> PERFORMANCE DATA:

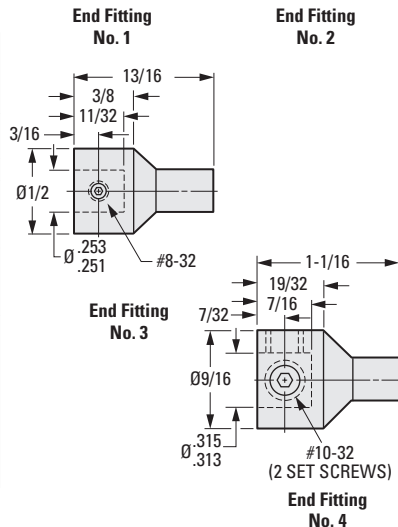
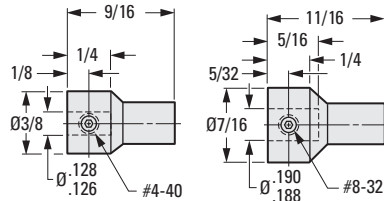
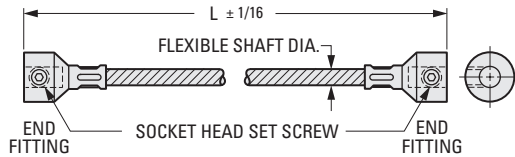
Shaft Dia.	Mode of Operation	Operating Torque Capacity, Winding and Unwinding Directions, (lbf in.) Input										Max. Torsional Deflection at Load Indicated (Degrees per Foot of Shaft)			
		Radius of Curvature										lbf in.	Winding	Unwinding	
		25"	20"	15"	12"	10"	8"	6"	4"	2.5"	2"				1.5"
.098	Dynamic				1.9	1.8	1.7	1.4	.9	*	—	—	1	80.0	250.0
.130A Δ	Manual				—	—	—	—	2.0	1.5	1.12	.47		40.0	50.0
.130	Dynamic				7.6	7.1	6.6	5.6	3.6	—	—	—		13.0	13.0
.150	Manual	20.9	19.5	18.4	17.2	15.3	12.1	6.2	—	—	—	—		6.0	6.0
	Dynamic	10.5	9.8	9.2	8.6	7.7	6.1	3.1	—	—	—	—		3.0	3.3
.188	Manual	33.4	31.4	29.4	27.6	24.8	19.8	10.0	—	—	—	—		10.0	13.0
	Dynamic	16.7	15.7	14.7	13.8	12.4	9.9	5.0	—	—	—	—		—	—
.250	Manual	93	89.0	83.0	76.0	70.0	62.0	45.0	—	—	—	—		10	10.0
	Dynamic	47	41.0	41.0	38.0	35.0	31.0	23.0	—	—	—	—		—	—

NOTE: .130A diameter shaft has a greater degree of flexibility.

* Can be operated manually to radius indicated with torsional breaking strength of 6.0 lbf in. clockwise.

Δ Can be used in dynamic mode if shaft length is shortened (approximately 2" long).

SPECIAL ORDERS for Many Combinations of Fittings and Lengths Accepted.



INCH COMPONENT

Catalog Number	Flexible Shaft Diameter	L Length in.	End Fitting Number
A 7C12-03311	.098	3	1
A 7C12-05322		5	2
A 7C12-08333		8	3
A 7C12-03411A	.130A	3	1
A 7C12-05422A		5	2
A 7C12-08433A		8	3
A 7C12-03422	.130	3	2
A 7C12-05433		5	3
A 7C12-08433		8	3
A 7C12-04522	.150	4	2
A 7C12-06533		6	3
A 7C12-08533		8	3
A 7C12-12533	.187	12	3
A 7C12-10633		10	3
A 7C12-12633		12	3
A 7C12-12833	.250	12	3
A 7C12-14844		14	4

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