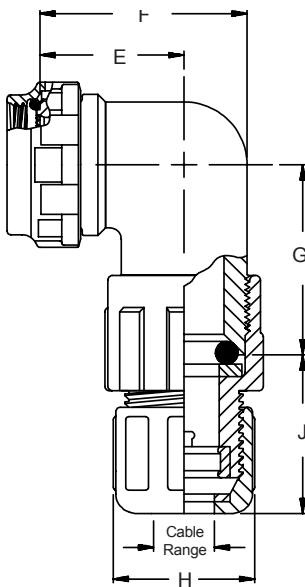
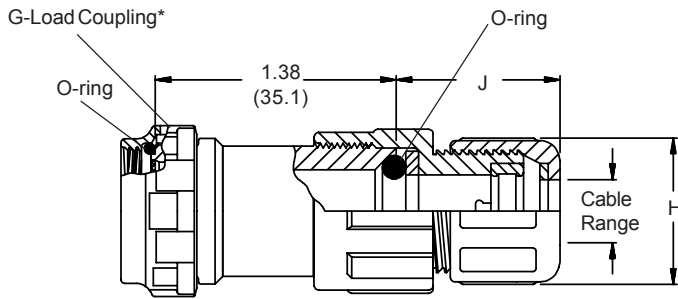




370-035 Composite G-Load Rotatable Coupling Straight & 90° Cable-Sealing Environmental Backshell with Qwik-Clamp



370 H S 035 XO 19 28

Product Series ————
 Connector Designator (A & H) ————
 Angular Function ————
 S = Straight
 W = 90° Elbow
 Basic Number ————
 Finish Symbol (Table III) ————
 Connector Shell Size (Table I) ————
 Entry Code (Table II) ————

US PATENT 5211576, 6358077

**Note: See Table I and Page D-2
for Front-End Details and Shell
Size References**

TABLE II: CABLE ENTRY

Entry Code	H (Max)		J (Max)		Cable Range			
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum		
08	.72	(18.3)	.87	(22.1)	.13	(3.3)	.25	(6.4)
12	.91	(23.1)	1.01	(25.7)	.22	(5.6)	.38	(9.7)
16	1.09	(27.7)	1.11	(28.2)	.34	(8.6)	.50	(12.7)
20	1.22	(31.0)	1.11	(28.2)	.47	(11.9)	.63	(15.9)
24	1.34	(34.0)	1.11	(28.2)	.60	(15.0)	.75	(19.1)
28	1.53	(38.9)	1.26	(32.0)	.72	(18.3)	.88	(22.2)
32	1.72	(43.7)	1.41	(35.8)	.84	(21.3)	1.00	(25.4)
36	1.85	(47.0)	1.41	(35.8)	.97	(24.6)	1.13	(28.6)
40	1.97	(50.0)	1.41	(35.8)	1.09	(27.7)	1.25	(31.8)
44	2.09	(53.1)	1.53	(38.9)	1.22	(31.0)	1.38	(34.9)

TABLE I: CONNECTOR SHELL SIZE ORDER NUMBER

Shell Size For Connector Designator*		E	F	G	Max Entry Dash No.**
A	H	±.06 (1.5)	±.09 (2.3)	±.09 (2.3)	
08	09	.69 (17.5)	.88 (22.4)	1.06 (26.9)	08
10	11	.75 (19.1)	1.00 (25.4)	1.13 (28.7)	12
12	13	.81 (20.6)	1.13 (28.7)	1.19 (30.2)	16
14	15	.88 (22.4)	1.31 (33.3)	1.25 (31.8)	20
16	17	.94 (23.9)	1.38 (35.1)	1.31 (33.3)	24
18	19	.97 (24.6)	1.44 (36.6)	1.34 (34.0)	28
20	21	1.06 (26.9)	1.63 (41.4)	1.44 (36.6)	32
22	23	1.13 (28.7)	1.75 (44.5)	1.50 (38.1)	36
24	25	1.19 (30.2)	1.88 (47.8)	1.56 (39.6)	40
28	—	1.34 (34.0)	2.13 (54.1)	1.66 (42.2)	44

**Consult factory for additional entry sizes available.

TABLE III: FINISH

XM*	Electroless Nickel
XW*	Cadmium Olive Drab Over Electroless Nickel
XB	No Plating - Black Material
XO	No Plating - Base Material Non-conductive

* Note: Coupling nut supplied unplated.
 Metric dimensions (mm) are in parentheses and are for reference only.