ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Numbers: MNPT3/8-MNPT1	**Issue: 1**
Spec Number: MNPT	**Issue Date: 02/27/2018**
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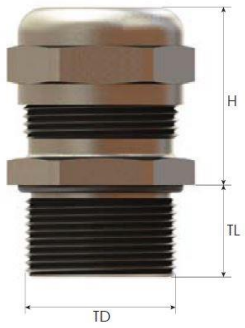
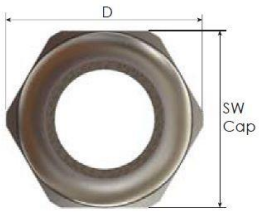
A. Technical Details

1) Material
   - a) Body — Brass, Nickel plated
   - b) Cap — Brass, Nickel plated
   - c) Seal — CR (Chloroprene Rubber)
   - d) Clamping Insert — PA 6 (Polyamide 6)
   - e) O-Ring — NBR
2) Protection Class
   - a) IP 68 — 5 Bar, 30 min
   - b) IP 66
3) Flammability
   - a) V2 — (According to UL94)
4) Temperature Rating
   - a) Permanent — -20°C to +100°C
   - b) Intermittent — -40°C to +150°C
5) Approvals
   - a) UL — UL 514





Size	Clamping Range Ø min-max mm	Clamping Range Ø min-max inch	Thread Length TL mm	Thread Length TL inch	Thread Ø TD mm	Thread Ø TD inch	Spanner Width SW CAP mm	Spanner Width SW CAP Inch	Spanner Width SW BODY mm	Spanner Width SW BODY Inch	Outer Ø D mm	Outer Ø D inch	Max. Height H mm	Max. Height H inch	Part Number
NPT 3/8"	4,0-8,0	0.157-0.315	11,5	0.453	17,14	0.673	17	0.669	19	0.748	21,0	0.827	23,0	0.906	MNPT3/8
NPT 1/2"	6,0-12,0	0.236-0.472	13,0	0.512	21,34	0.839	22	0.866	22	0.866	24,5	0.965	25,5	1.004	MNPT1/2
NPT 3/4"	13,0-18,0	0.512-0.709	13,0	0.512	26,67	1.051	30	1.181	30	1.181	33,0	1.299	35,5	1.398	MNPT3/4
NPT 1"	18,0-25,0	0.709-0.984	13,0	0.512	33,40	1.315	40	1.575	43	1.693	48,5	1.909	43,0	1.693	MNPT1

B. Packaging Requirements

1) Standard Package — 10 glands per package

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