

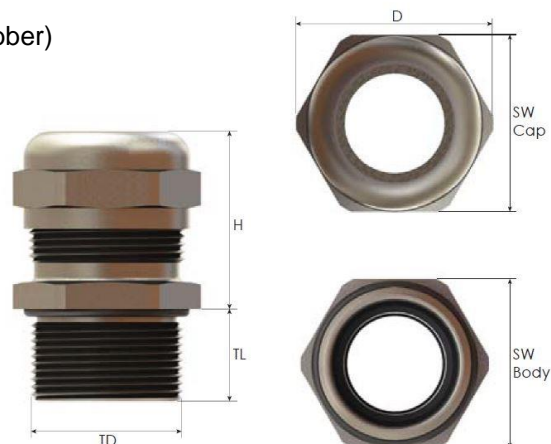
**ALPHA WIRE COMPANY**  
**CUSTOMER PRODUCT SPECIFICATION**

**Part Numbers:** MNPT3/8-MNPT1  
**Spec Number:** MNPT  
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**Issue:** 1  
**Issue Date:** 02/27/2018  
**Effective Date:** 02/27/2018

**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		Thread Length TL		Thread Ø TD		Spanner Width				Outer Ø D		Max. Height H		Part Number
	mm	inch	mm	inch	mm	inch	mm	Inch	mm	Inch	mm	inch	mm	inch	
<b>NPT 3/8"</b>	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
<b>NPT 1/2"</b>	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
<b>NPT 3/4"</b>	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
<b>NPT 1"</b>	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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