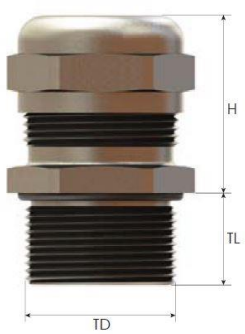
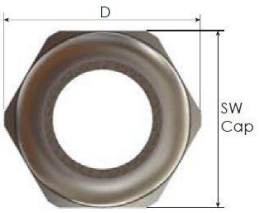
ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Numbers: MES12-MES32		**Issue:**	**1**
Spec Number: MES		**Issue Date:**	**02/27/2018**
Page 1 of 1 Pages		**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 mm	Thread Length TL mm	Thread Ø TD mm	Spanner Width		Outer Ø D mm	Max Height H mm	Part Number
				SW Cap mm	SW Body mm			
M-12x1.5	3,0-6,5	6,0	12	14	14	15,5	22,0	MES12
M-16x1.5	5,0-10,0	7,0	16	20	20	22,0	28,5	MES16
M-20x1.5	6,0-12,0	8,0	20	22	22	24,5	26,5	MES20
M-25x1.5	11,0-17,0	8,0	25	27	27	30,0	32,5	MES25
M-32x1.5	15,0-21,0	8,0	32	34	34	37,0	36,0	MES32
M-40x1.5	19,0-28,0	9,0	40	43	43	48,4	43,5	MES40

B. Packaging Requirements

1) Standard Package — 10 glands per package

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711 Lidgerwood Ave Elizabeth, NJ 07207-0711
Toll Free 1-800-52 ALPHA • T: 1-908-925-8000 • F: 908-925-5411 • Email: info@alphawire.com
www.alphawire.com

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