

# OMEGA ONE FITTINGS

5241 Greenhurst Ext.  
Maple Hts., OH 44137

Phone: (216)663-8424  
 Fax: (216) 475-0870  
 Toll Free: (800) 678-9187  
 E-Mail: [sales@omegaone.net](mailto:sales@omegaone.net)  
 WEB: [www.omegaone.net](http://www.omegaone.net)

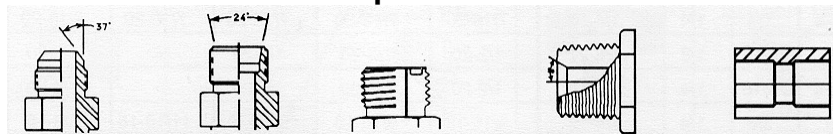
## Omega One Capabilities & Specifications

Omega One manufactures a broad line of Industrial tube fittings, hose fittings, and adapters, all machined from high quality bar stock and forgings. Omega One offers a wide variety of sized and materials in non-standards and exclusively Type 316 stainless steel in our standard product line.

### Omega One Capabilities

- Long and short run production
- Automatic bar machines – single and multiple
- spindle capacity from 1/8" to 3" OD
- Automatic chuckers – capacity from 1/8" to 2" OD
- Turret lathes – Warner & Swasey
- CNC Machining
- Thread rolling capacity to 3/4"
- Electro Polishing (passivation) on all stainless steel
- Multiple types of plating and vibraseal available
- Prototype assistance available
- Non-standard product line – any alloy
- Standard product line – Type 316 exclusively

### Standard Specification Chart



Description	37° Flared Fittings	Flareless Bite Type	O-Ring Face Seal	Pipe Fitting Adapters	Socket Weld Tube Fittings
<b>Sizes</b>	1/8" – 2 1/2"	1/8" - 2"	1/8" – 1 1/2"	1/8" – 2 1/2"	1/8" – 2"
SAE	J514 ASME Standard - 070101-070501	J514 ASME Standard - 080101-080501	J1453 - - 520101-520958	J476 140137-140538 130109 N & E 090109-090136 A & B	- - - -
MS	MS51500- MS51534	MS51811- MS51843	- - -	- - -	- - -
MIL-F	MIL-F-18866 MIL-F-5506	MIL-F-18866 MIL-F-5506	- - -	- - -	- - -
Threads	Tube UN/UNF 2A Port UN/UNF-2A - -	Tube UN/UNF 2A Port UN/UNF-2A - -	Tube UN/UNF 2A Port UN/UNF-2A - -	SAE Straight Thread UN/UNF/Class 2A or 2B NPT/NPTF Vibraseal available	- - - -

### Standard Material Specification Chart

Description	ASTM	Type	ASTM	Type	ASTM	Type	ASTM	Type	ASTM	Type
Forged Bodies	A182	316	A182	316	A182	316	A182	316	A182	316
Bar Stock Bodies	A276	316	A276	316	A276	316	A276	316	A276	316
Bar Stock Nuts	A276	316	A276	316	A276	316	-	-	-	-
Bar Stock Sleeves	A276	316	AMS5643	17-4PH	A276	316	-	-	-	-

Also available in Monel QQN281

All of the above product lines are manufactured with Unified Standard Class 2A external threads and Class 2B internal threads for straight threads. Pipe threads, unless otherwise specified, conform to the Dryseal American Standard Taper Pipe Thread (NPTF). Available sizes on tube OD & pipe range from 1/8" thru 2". Material certs and traceability are available upon request.