



## **Suncor Stainless, Inc. Is On the List**

### **The U.S. Government Approves Suncor Stainless, Inc. for the Manufacturing of MIL-DTL-6117 and MIL-DTL-781 (MS20668, MS20667, MS21259 & MS20664)**

Plymouth, MA – July 19, 2010 – Suncor Stainless, Inc. has joined the elite rankings of companies in the U.S. Government's Quality Manufacturer's List (QML). After extensive technology investments, manufacturing and testing, Suncor has met the government's quality and testing requirements for aircraft control cable terminals and assemblies. We are now listed in QML-6117 and QPL-781 for these specific components. These qualifications allow us to provide military and federal specification products to the aircraft and industrial markets.

In February 2010, representatives from the Defense Supply Center, Standardization Program Branch, Aviation Division visited Suncor Stainless to inspect the manufacturing and quality processes for 22 corrosion resistant steel swage terminals. Under the supervision of the government inspectors, each part was measured and tested to meet the requirements of MIL-DTL-6117 and MIL-DTL-781. While on their visit, the inspectors toured the manufacturing facility and reviewed Suncor's implementation of the ISO 9001 quality system, as well as, Suncor's adaptation and adherence to federally mandated quality tracking procedures.

Suncor sought these qualifications to expand their current offerings to the highest quality rated products. When asked about the benefits of this qualification, Engineering Manager, Jim Storrer, said "as the airline and defense industries start coming out of this recession and begin to expand again, Suncor will be poised to take advantage of their immediate needs. There will always be a need for superior quality suppliers." In addition, meeting these requirements, Storrer says "has raised Suncor's already high standard of quality".

These twenty two qualified stainless steel swage components that are now listed in QPL-781 are left hand and right hand thread Swage Aircraft Studs (MS21259), Swage Aircraft Eyes (MS20668), Swage Aircraft Jaws (MS20667) and Single Shank Balls (MS20664), with sizes ranging from 1/16" to 3/8". Nineteen additional swage terminals and sizes are currently pending. Suncor has plans to expand their wire rope shop to incorporate a large test bed to allow for the testing of long wire rope assemblies per MIL-DTL-6117.

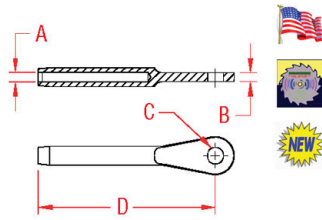
Suncor Stainless has a network of dealers throughout the United States that offer these terminals and other quality stainless steel hardware. We work extensively with many government and military branches through our dealer network. For Government inquiries, please call (508) 732-1007 (CAGE Code 1CXX6). To learn more about the Mil Spec swage terminals or other Suncor Stainless hardware, please visit [www.suncorstainless.com](http://www.suncorstainless.com) or call (800) 394-2222.

Suncor Stainless, Inc. is a leading manufacturer of stainless steel hardware in the industrial, marine, government, architectural, OEM and commercial industries. Our modern facilities manufacture the highest quality stainless steel chain, wire rope assemblies and custom parts. Suncor's in-house capabilities include a product development staff, whose tireless efforts along with valuable input from our clients, work to continuously improve and perfect the ever-expanding product line.

### MIL. SPEC SWAGE EYE



STAINLESS STEEL



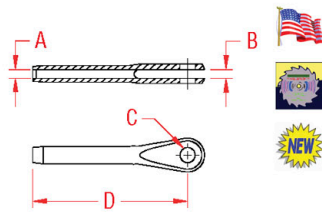
ITEM	A	B	C	D	BEFORE	AFTER
	(wire)				(swage)	(swage)
MS20668-2	1/16"	0.09"	0.19"	1.63"	0.160"	0.138"
MS20668-3	3/32"	0.10"	0.19"	2.04"	0.218"	0.190"
MS20668-4	1/8"	0.19"	0.19"	2.34"	0.250"	0.219"
MS20668-5	5/32"	0.20"	0.25"	2.68"	0.297"	0.250"
MS20668-6	3/16"	0.26"	0.31"	3.02"	0.359"	0.313"
MS20668-8	1/4"	0.31"	0.38"	3.76"	0.494"	0.438"
MS20668-10	5/16"	0.34"	0.44"	4.55"	0.635"	0.563"
MS20668-12	3/8"	0.38"	0.50"	5.56"	0.703"	0.625"

**NOTE:**  
THESE FITTINGS MEET MIL SPEC #MS20668 AND HAVE MET ALL QUALITY AND TESTING REQUIREMENTS PER MIL-DTL-781 AND ARE APPROVED FOR LISTING IN QPL-781.

### MIL. SPEC SWAGE FORK



STAINLESS STEEL



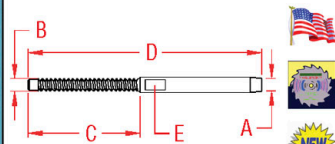
ITEM	A	B	C	D	BEFORE	AFTER
	(wire)				(swage)	(swage)
MS20667-2	1/16"	0.09"	0.19"	1.57"	0.160"	0.138"
MS20667-3	3/32"	0.11"	0.19"	1.95"	0.218"	0.190"
MS20667-4	1/8"	0.20"	0.19"	2.35"	0.250"	0.219"
MS20667-5	5/32"	0.20"	0.25"	2.67"	0.297"	0.250"
MS20667-6	3/16"	0.26"	0.31"	3.07"	0.359"	0.313"
MS20667-8	1/4"	0.31"	0.38"	3.81"	0.494"	0.438"
MS20667-10	5/16"	0.35"	0.44"	4.44"	0.635"	0.563"
MS20667-12	3/8"	0.38"	0.50"	5.33"	0.703"	0.625"

**NOTE:**  
THESE FITTINGS MEET MIL SPEC #MS20667 AND HAVE MET ALL QUALITY AND TESTING REQUIREMENTS PER MIL-DTL-781 AND ARE APPROVED FOR LISTING IN QPL-781.

### MIL. SPEC SWAGE STUD



UNF THREAD  
STAINLESS STEEL



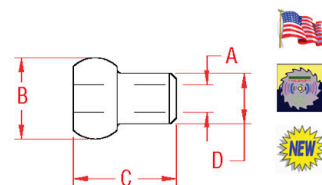
ITEM	A	B	C	D	E	WT
	(wire)	(thread)			(wrench flat)	(lb)
<b>RIGHT HAND, UNF</b>						
MS21259-2RH	1/16"	0.14"	1.05"	2.47"	0.16"	0.01
MS21259-3RH	3/32"	0.19"	1.20"	2.88"	0.19"	0.02
MS21259-4RH	1/8"	0.25"	1.38"	3.33"	0.25"	0.04
MS21259-5RH	5/32"	0.25"	1.38"	3.63"	0.25"	0.05
MS21259-6RH	3/16"	0.31"	1.45"	4.00"	0.31"	0.08
MS21259-8RH	1/4"	0.38"	1.75"	4.94"	0.44"	0.17
MS21259-10RH	5/16"	0.50"	2.00"	5.84"	0.63"	0.38
MS21259-12RH	3/8"	0.56"	2.25"	6.66"	0.69"	0.50
<b>LEFT HAND, UNF</b>						
MS21259-2LH	1/16"	0.14"	1.05"	2.47"	0.16"	0.01
MS21259-3LH	3/32"	0.19"	1.20"	2.88"	0.19"	0.02
MS21259-4LH	1/8"	0.25"	1.38"	3.33"	0.25"	0.04
MS21259-5LH	5/32"	0.25"	1.38"	3.63"	0.25"	0.05
MS21259-6LH	3/16"	0.31"	1.45"	4.00"	0.31"	0.08
MS21259-8LH	1/4"	0.38"	1.75"	4.94"	0.44"	0.17
MS21259-10LH	5/16"	0.50"	2.00"	5.84"	0.63"	0.38
MS21259-12LH	3/8"	0.56"	2.25"	6.66"	0.69"	0.50

**NOTE:**  
THESE FITTINGS MEET MIL SPEC #MS21259 AND HAVE MET ALL QUALITY AND TESTING REQUIREMENTS PER MIL-DTL-781 AND ARE APPROVED FOR LISTING IN QPL-781. ALL THREADS ARE "UNF". MACHINE SWAGE ONLY.

### MIL. SPEC SINGLE SHANK BALL



STAINLESS STEEL



ITEM	A	B	C	D	BEFORE	D AFTER
	(wire)				(swage)	(swage)
MS20664C2	1/16"	0.21"	0.27"		0.132"	0.112"
MS20664C3	3/32"	0.28"	0.38"		0.168"	0.143"
MS20664C4	1/8"	0.35"	0.50"		0.223"	0.190"
MS20664C5	5/32"	0.42"	0.62"		0.259"	0.222"
MS20664C6	3/16"	0.49"	0.73"		0.298"	0.255"
MS20664C7	7/32"	0.56"	0.85"		0.352"	0.302"
MS20664C8	1/4"	0.63"	0.96"		0.406"	0.348"
MS20664C10	5/16"	0.77"	1.19"		0.480"	0.413"

**NOTE:**  
THESE FITTINGS MEET MIL SPEC #MS20664C AND HAVE MET ALL QUALITY AND TESTING REQUIREMENTS PER MIL-DTL-781 AND ARE APPROVED FOR LISTING IN QPL-781.