INCH-POUND MIL-DTL-18866J SUPPLEMENT 1 14 March 2018

## **DETAIL SPECIFICATION**

# FITTINGS, HYDRAULIC TUBE, FLARED, 37 DEGREE AND FLARELESS, GENERAL SPECIFICATION FOR

This supplement forms a part of MIL-DTL-18866J w/AMENDMENT 2, dated 20 January 2018.

# **SPECIFICATION SHEETS**

MS39199		Nipple, Tube-Safety Sleeve Compression Type, Bulkhead Mounting
MS39201		Nipple, Tube-Safety Sleeve Compression Type
MS39202	-	Elbows, Pipe To Tube- Safety Sleeve Compression Type, 90 Degree, Male Pipe End
MS39207	-	Elbows, Tube - Safety Sleeve Compression Type, 90 Degree
MS39210	-	Nuts, Tube Coupling – Safety Sleeve Compression Type
MS39322	-	Adapter; 37-Degree Flare, Female Swivel to Weld Socket, 3/4- Inch to 1-Inch
MS39323	-	Tube-Reducer, 37 – Degree Flare
MS39324	-	Adapter, 37-Degree Flare to O-Ring Boss
MS51500	-	Fittings, Hydraulic Tube, Flared 37 Degree and Flareless, Steel; Adapter, Straight, Pipe to Tube, Male Pipe End, 37 Degree Flared
MS51501	-	Nipple, Tube, Regular Hex, 37 Degree Flared
MS51502		Nipple, Tube, Regular Hex, 37 Degree Flared (Long)
MS51503		Adapter, Straight, Pipe to Tube, Female Pipe End, 37 Degree Flared
MS51504		Elbow, Pipe to Tube, 90 Degree, Male Pipe End, 37 Degree Flared
MS51505		Elbow, Tube, 90 Degree, 37 Degree Flared
MS51506		Fittings, Hydraulic Tube, Flared 37 Degree and Flareless, Steel; Elbow, Pipe to Tube, 90 Degree,
		Female Pipe End, 37 Degree Flared
MS51507	-	Elbow, Tube, 90 Degree, Bulkhead, 37 Degree Flared
MS51508	-	Elbow, Pipe to Tube, 45 Degree Male Pipe End, 37 Degree Flared
MS51510	-	Tee, Tube, 37 Degree Flared
MS51511	-	Tee, Pipe to Tube, Male Pipe on Run, 37 Degree Flared
MS51512	-	Tee, Pipe to Tube, Male Pipe on Branch, 37 Degree Flared
MS51513		Tee, Pipe to Tube, Female Pipe on Branch, 37 Degree Flared
MS51514	-	Tee, Pipe to Tube, Female Pipe on Run, 37 Degree Flared
MS51515	-	Tee, Tube, Bulkhead on Branch, 37 Degree Flared
MS51517		Cross, Tube, 37 Degree Flared
MS51518		Plug, Machine Thread, 37 Degree Flared
MS51519		Nipple, Tube, Large Hex For Use With O-Ring, 37 Degree Flared
MS51520		Nipple, Tube, Bulkhead, 37 Degree Flared
MS51521		Elbow, Tube, 90 Degree, Swivel, 37 Degree, Flared
MS51522		Elbow, Tube, 45 Degree, Swivel, 37 Degree, Flared
MS51523		Tee, Tube to Swivel, Swivel on Run, 37 Degree Flared
MS51524		Tee, Tube to Swivel, Swivel on Branch, 37 Degree, Flared
MS51525		Fittings, Hydraulic Tube, Flared 37 Degree and Flare-less, Steel; Adapter, Straight, Tube to Boss
		O-Ring, 37 Degree Flared
MS51526	-	Adapter, Straight, Tube to Boss, O-Ring, 37 Degree Flared (Long)

AMSC N/A FSC 4730

MS51527 - Fittings, Hydraulic Tube, Flared, 37 Degree and Flareless, Steel; Elbow, Tube to Boss,90 Degree,

O-Ring, 37 Degree Flared



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- MS51528 Fittings, Hydraulic Tube, Flared, 37 Degree and Flareless, Steel; Elbow, Tube to Boss, 45-Degree, O-Ring, 37 Degree Flared
- MS51529 Fittings, Hydraulic Tube, Flared, 37 Degree and Flare-less, Steel; Tee, Tube to Boss, Boss on Branch, O-Ring, 37 Degree Flared
- MS51530 Fittings, Hydraulic Tube, Flared, 37 Degree and Flareless, Steel; Tee, Tube to Boss, Boss on Run, O-Ring, 37 Degree Flared
- MS51531 Nut, Tube Coupling, 37 Degree Flared
- MS51532 Fittings, Hydraulic Tube, Flared 37 Degree and Flareless, Steel; Cap, Tube, 37 Degree Flared
- MS51533 Sleeve, Compression, Tube Fitting, 37 Degree Flared
- MS51534 Reducer, Tube, 37 Degree Flared
- MS51811 Tee, Tube, Flareless Type, Hydraulic
- MS51812 Nipple, Tube, Bulkhead, Flareless Type, Hydraulic
- MS51813 Elbow, Pipe to Tube, 90 Degree, Female Pipe End, Flareless Type, Hydraulic
- MS51814 Nipple, Tube, Regular Hex, Flareless Type, Hydraulic
- MS51815 Elbow, Pipe to Tube, 90 Degree, Male Pipe End, Flareless Type, Hydraulic
- MS51816 Adapter, Straight, Pipe to Tube, Female Pipe End, Flareless Type, Hydraulic
- MS51817 Elbow, Pipe to Tube, 45 Degree, Male Pipe End, Flareless Type, Hydraulic
- MS51818 Tee, Pipe to Tube, Male Pipe on Branch, Flareless Type, Hydraulic
- MS51819 Adapter, Straight, Pipe to Tube, Male Pipe End, Flareless Type, Hydraulic
- MS51820 Elbow, Tube, 90 Degree, Flareless Type, Hydraulic
- MS51821 Tee, Pipe to Tube, Female Pipe on Branch, Flareless Type, Hydraulic
- MS51822 Tee, Pipe to Tube, Female Pipe on Run, Flareless Type, Hydraulic
- MS51823 Nut, Tube Coupling, Flareless Type, Hydraulic
- MS51824 Tee, Pipe to Tube, Male Pipe on Run, Flareless Type, Hydraulic
- MS51825 Sleeve, Clinch, Tube Fitting, Flareless Type, Hydraulic
- MS51839 Elbow, Tube to Boss, 90 Degree, O-Ring, Flareless Type, Hydraulic
- MS51841 Tee, Tube to Boss, Boss on Bench, O-Ring, Flareless Type, Hydraulic
- MS51842 Elbow, Tube to Boss, 45 Degree, Hydraulic
- MS51843 Adapter, Straight, Tube to Boss, O-Ring, Flareless Type, Hydraulic
- MS51852 Elbow, Tube to Swivel, 90 Degree, Flareless Type, Hydraulic
- MS51853 Tee, Tube to Swivel, Swivel on Branch, Flareless Type, Hydraulic
- MS51854 Tee, Tube to Swivel, Swivel on Run, Flareless Type, Hydraulic
- MS51855 Elbow, Tube, 90 Degree, Bulkhead, Flareless Type, Hydraulic
- MS51856 Nipple, Tube, Large Hex, O-Ring, Flareless Type, Hydraulic
- MS51860 Locknut, Bulkhead, 37 Degree Flared and Flareless Type, Hydraulic
- MS51888 Locknut, Adjustable, 37 Degree Flared and Flareless Type, Hydraulic
- MS51889 Washer, Back-up, 37 Degree Flared and Flareless Type, Hydraulic
- MS51890 Fittings, Hydraulic Tube, Flared 37 Degree and Flare-less, Steel; Cap Assembly, Tube, Flareless Type, Hydraulic
- MS51891 Plug, Tube Fitting, Threaded, Flareless Type, Hydraulic
- MS51892 Tee, Tube to Boss, Boss on Run, O-Ring, Flareless Type, Hydraulic
- MS51893 Adapter, Straight, Tube to Boss, Long, O-Ring, Flareless Type, Hydraulic
- MS51894 Cross, Tube, Flareless Type, Hydraulic
- MS51895 Reducer, Tube, Large Hex, O-Ring, Flareless Type, Hydraulic

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### **CONCLUDING MATERIAL**

Preparing activity:

DLA - CC

Custodians:

Army - AR

Navy - OS

Air Force - 99

DLA - CC

Review activities:

Army - AT, AV, GL, MI Navy - AS, MC, SH, YD

Air Force - 71

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online data at <a href="https://assist.dla.mil">https://assist.dla.mil</a>.