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FEDERAL SUPPLY CLASS
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ISSUED 2001-03 REAFFIRMED 2015-04 STABILIZED 2018-02

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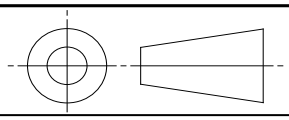
THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: AS1975 /2/

SAE INTERNATIONAL

AEROSPACE STANDARD

HOSE ASSEMBLY, PTFE, PARA-ARAMID REINFORCED, STANDARD DUTY, 4000 PSI, 275 ºF, TITANIUM FITTINGS, FLARELESS, STRAIGHT TO 90º

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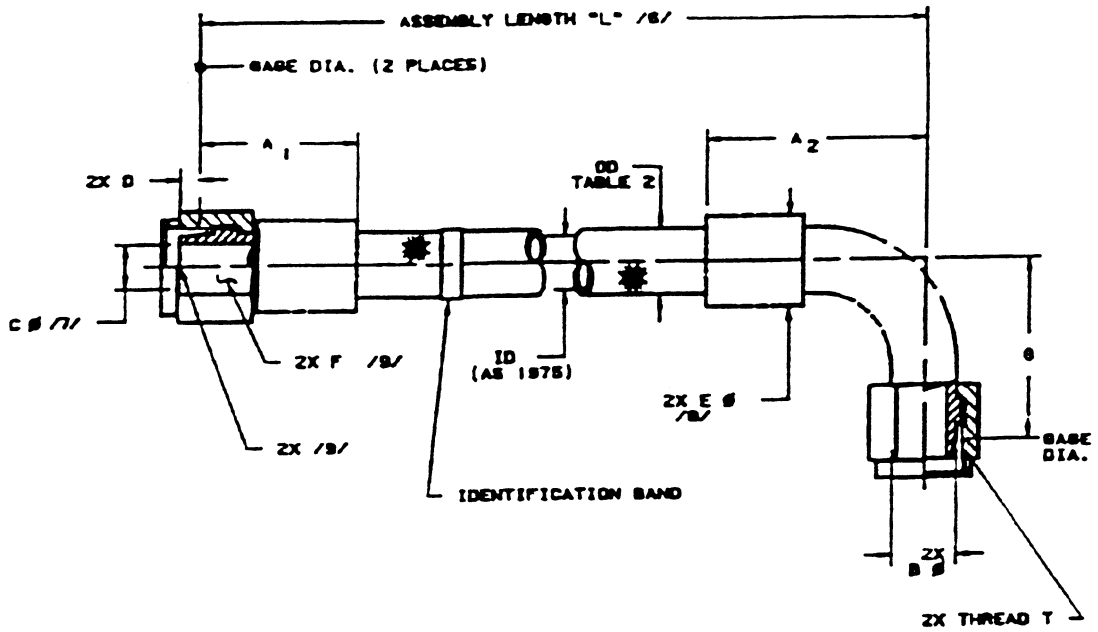

FIGURE 1 - HOSE ASSEMBLY, STRAIGHT TO 90° ELBOW

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TABLE 1 - ASSEMBLY DIMENSIONS

HOSE ASSEMBLY NO. & SIZE CODE	HOSE SIZE (REF)	/15/ FITTING TYPE (REF)	THREAD T PER AS8879 (REF)	HOSE ID MIN	A_1 MAX	A_2 MAX	B GAGE BASIC	C /7/ MIN STR FTG BORE AFTER ASSEMBLY	D (REF)
AS4582E	.250	-							
AS4582E	.250	S	.4375-20UNJF-3B	.212	1.630	1.880	.2930	.135	.16
AS4582E	.250	E	.5625-18UNJF-3B	.212	1.695	1.930	.4120	.135	.16
AS4582G	.375	R	.4375-20UNJF-3B	.298	1.725	2.180	.2930	.135	.16
AS4582G	.375	S	.5625-18UNJF-3B	.298	1.835	2.180	.4120	.240	.16
AS4582G	.375	E	.7500-16UNJF-3B	.298	1.915	2.530	.5600	.240	.19
AS4582H	.500	R	.5625-18UNJF-3B	.391	2.145	2.530	.4120	.240	.16
AS4582H	.500	S	.7500-16UNJF-3B	.391	2.165	2.530	.5600	.340	.19
AS4582H	.500	E	.8750-14UNJF-3B	.391	2.675	2.780	.6730	.340	.20
AS4582J	.625	R	.7500-16UNJF-3B	.485	2.860	3.375	.5600	.340	.19
AS4582J	.625	S	.8750-14UNJF-3B	.485	2.905	3.375	.6730	.410	.20
AS4582J	.625	E	1.0625-12UNJ-3B	.485	2.920	3.655	.8100	.410	.23
AS4582K	.750	R	.8750-14UNJF-3B	.602	3.240	3.940	.6730	.410	.20
AS4582K	.750	S	1.0625-12UNJ-3B	.602	3.205	3.940	.8100	.510	.23
AS4582K	.750	E	1.3125-12UNJ-3B	.602	3.320	4.060	1.0620	.510	.30
AS4582M	1.000	R	1.0625-12UNJ-3B	.852	3.690	4.485	.8100	.510	.23
AS4582M	1.000	S	1.3125-12UNJ-3B	.852	3.740	4.485	1.0620	.760	.30
AS4582M	1.000	E	1.5625-12UNJ-3B	.852	3.570	4.680	1.3160	.760	.04
AS4582N	1.250	R	1.3125-12UNJ-3B	1.100	4.600	5.085	1.0620	.760	.30
AS4582N	1.250	S	1.5625-12UNJ-3B	1.100	4.330	5.225	1.3160	.960	.04
AS4582N	1.250	-	TBD	TBD	TBD	TBD	TBD	TBD	TBD
AS4582P	1.500	-							
AS4582P	1.500	S	TBD	TBD	TBD	TBD	TBD	TBD	TBD
AS4582P	1.500	-							

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