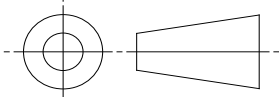


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REV. A	FEDERAL SUPPLY CLASS 4720	
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AS4581™	SAE values your input. To provide feedback on this Technical Report, please visit http://standards.sae.org/AS4581A THIRD ANGLE PROJECTION 	
CUSTODIAN: G-3/G-3D		PROCUREMENT SPECIFICATION: AS1975 /2/
	AEROSPACE STANDARD HOSE ASSEMBLY, PTFE, PARA-ARAMID REINFORCED, STANDARD DUTY, 4000 PSI, 275 °F, TITANIUM FITTINGS, FLARELESS, STRAIGHT TO 45°	AS4581™ REV. A

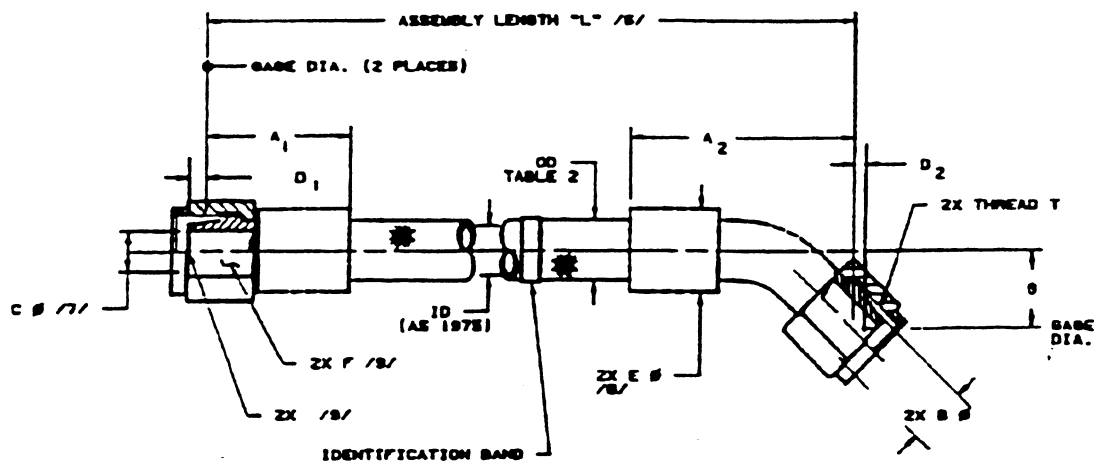


FIGURE 1 - HOSE ASSEMBLY, STRAIGHT TO 45° ELBOW



AEROSPACE STANDARD

HOSE ASSEMBLY, PTFE, PARA-ARAMID REINFORCED,
STANDARD DUTY, 4000 PSI, 275 °F, TITANIUM
FITTINGS, FLARELESS, STRAIGHT TO 45°

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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 ₁ (REF)	D ₂ (REF)
AS4581E	.250	-								
AS4581E	.250	S	.4375-20UNJF-3B	.212	1.630	2.160	.2930	.135	.16	.11
AS4581E	.250	E	.5625-18UNJF-3B	.212	1.695	2.200	.4120	.135	.16	.12
AS4581G	.375	R	.4375-20UNJF-3B	.298	1.820	2.620	.2930	.135	.16	.11
AS4581G	.375	S	.5625-18UNJF-3B	.298	1.835	2.460	.4120	.240	.16	.12
AS4581G	.375	E	.7500-16UNJF-3B	.298	1.915	2.770	.5600	.240	.19	.13
AS4581H	.500	R	.5625-18UNJF-3B	.391	2.145	2.695	.4120	.240	.16	.12
AS4581H	.500	S	.7500-16UNJF-3B	.391	2.165	2.740	.5600	.340	.19	.13
AS4581H	.500	E	.8750-14UNJF-3B	.391	2.675	3.050	.6730	.340	.20	.14
AS4581J	.625	R	.7500-16UNJF-3B	.485	2.860	3.665	.5600	.340	.19	.13
AS4581J	.625	S	.8750-14UNJF-3B	.485	2.905	3.785	.6730	.410	.20	.14
AS4581J	.625	E	1.0625-12UNJ-3B	.485	2.920	3.875	.8100	.410	.23	.16
AS4581K	.750	R	.8750-14UNJF-3B	.602	3.240	4.065	.6730	.410	.20	.14
AS4581K	.750	S	1.0625-12UNJ-3B	.602	3.205	4.065	.8100	.510	.23	.16
AS4581K	.750	E	1.3125-12UNJ-3B	.602	3.320	4.295	1.0620	.510	.30	.21
AS4581M	1.000	R	1.0625-12UNJ-3B	.852	3.690	4.645	.8100	.510	.23	.16
AS4581M	1.000	S	1.3125-12UNJ-3B	.852	3.740	4.645	1.0620	.760	.30	.21
AS4581M	1.000	E	1.5625-12UNJ-3B	.852	3.570	5.010	1.3160	.760	.04	.03
AS4581N	1.250	R	1.3125-12UNJ-3B	1.100	4.600	5.650	1.0620	.760	.30	.21
AS4581N	1.250	S	1.5625-12UNJ-3B	1.100	4.330	5.585	1.3160	.960	.04	.03
AS4581N	1.250	-	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
AS4581P	1.500	-								
AS4581P	1.500	S	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
AS4581P	1.500	-								



AEROSPACE STANDARD

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