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REV.
D

AS4625

FEDERAL SUPPLY CLASS
4720

RATIONALE

AS4625D HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

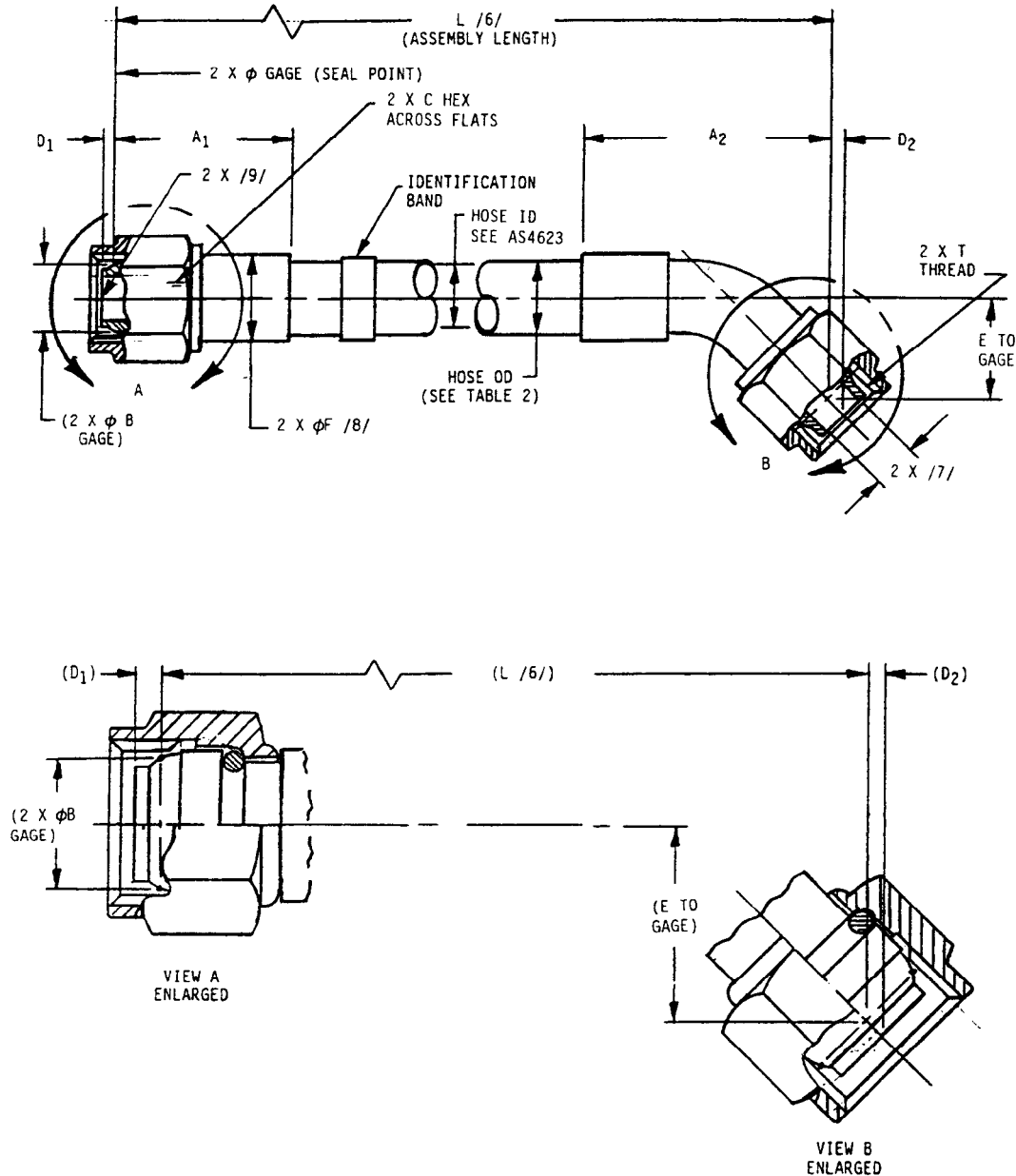
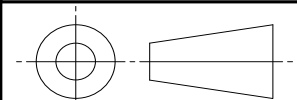


FIGURE 1 - FLARELESS HOSE ASSEMBLY
STRAIGHT TO 45° ELBOW

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: /2/ AS4623



AEROSPACE STANDARD

HOSE ASSEMBLY, POLYTETRAFLUOROETHYLENE, PARA ARAMID
REINFORCED, HEAVY-DUTY, 275 °F, 3000 PSI FLARELESS
TITANIUM FITTINGS, INCLUDING JUMP SIZE, STRAIGHT TO 45°

AS4625
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TABLE 1 – HOSE AND FITTING DIMENSIONS

BASIC HOSE ASSEMBLY NO. 4625 SIZE CODE	SIZE	/14/ FITTING TYPE	THREAD T PER AS8879	A ₁ MAX	A ₂ MAX	B GAGE BASIC	(C) HEX	D ₁	D ₂	E MAX	E MIN	F /8/ MAX	BALL SIZE MIN THRU /7/ IN
E	0.250	--	--	--	--	--	--	--	--	--	--	--	--
E	0.250	S	0.4375-20UNJF-3B	1.630	2.160	0.2930	0.56	0.16	0.11	0.475	0.350	0.69	0.102
E	0.250	E	0.5625-18UNJF-3B	1.695	2.240	0.4120	0.69	0.16	0.12	0.500	0.375	0.69	0.102
G	0.375	R	0.4375-20UNJF-3B	1.740	2.620	0.2930	0.56	0.16	0.11	0.475	0.350	0.80	0.102
G	0.375	S	0.5625-18UNJF-3B	1.835	2.460	0.4120	0.69	0.16	0.12	0.500	0.375	0.80	0.174
G	0.375	E	0.7500-16UNJF-3B	1.930	2.770	0.5600	0.88	0.19	0.13	0.560	0.435	0.80	0.174
H	0.500	R	0.5625-18UNJF-3B	2.145	2.695	0.4120	0.69	0.16	0.12	0.500	0.375	0.97	0.174
H	0.500	S	0.7500-16UNJF-3B	2.165	2.740	0.5600	0.88	0.19	0.13	0.560	0.435	0.97	0.267
H	0.500	E	0.8750-14UNJF-3B	2.675	3.050	0.6730	1.00	0.20	0.14	0.670	0.545	0.97	0.267
J	0.625	R	0.7500-16UNJF-3B	2.860	3.685	0.5600	0.88	0.19	0.13	0.560	0.435	1.15	0.267
J	0.625	S	0.8750-14UNJF-3B	2.905	3.785	0.6730	1.00	0.20	0.14	0.670	0.545	1.15	0.323
J	0.625	E	1.0625-14UNJ-3B	2.920	3.875	0.8100	1.25	0.23	0.16	0.705	0.580	1.15	0.323
K	0.750	R	0.8750-14UNJF-3B	2.240	4.760	0.6730	1.00	0.20	0.14	0.670	0.545	1.38	0.323
K	0.750	S	1.0625-12UNJ-3B	3.205	4.810	0.8100	1.25	0.23	0.16	0.705	0.580	1.38	0.433
K	0.750	E	1.3125-12UNJ-3B	3.320	5.140	1.0620	1.50	0.30	0.21	0.840	0.715	1.38	0.433
M	1.000	R	1.0625-12UNJ-3B	3.690	5.350	0.8100	1.25	0.23	0.16	0.705	0.580	1.66	0.433
M	1.000	S	1.3125-12UNJ-3B	3.740	5.540	1.0620	1.50	0.30	0.21	0.840	0.715	1.66	0.646
M	1.000	E	1.5625-12UNJ-3B	3.570	5.760	1.3160	1.81	0.04	0.03	0.875	0.750	1.66	0.646
N	1.250	--	--	--	--	--	--	--	--	--	--	--	--
N	1.250	S	1.5625-12UNJ-3B	4.330	6.770	1.3160	1.81	0.04	0.03	0.875	0.750	2.32	0.786
N	1.250	--	--	--	--	--	--	--	--	--	--	--	--



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