

AS1895/1
REV. B

FEDERAL SUPPLY CLASS
5340

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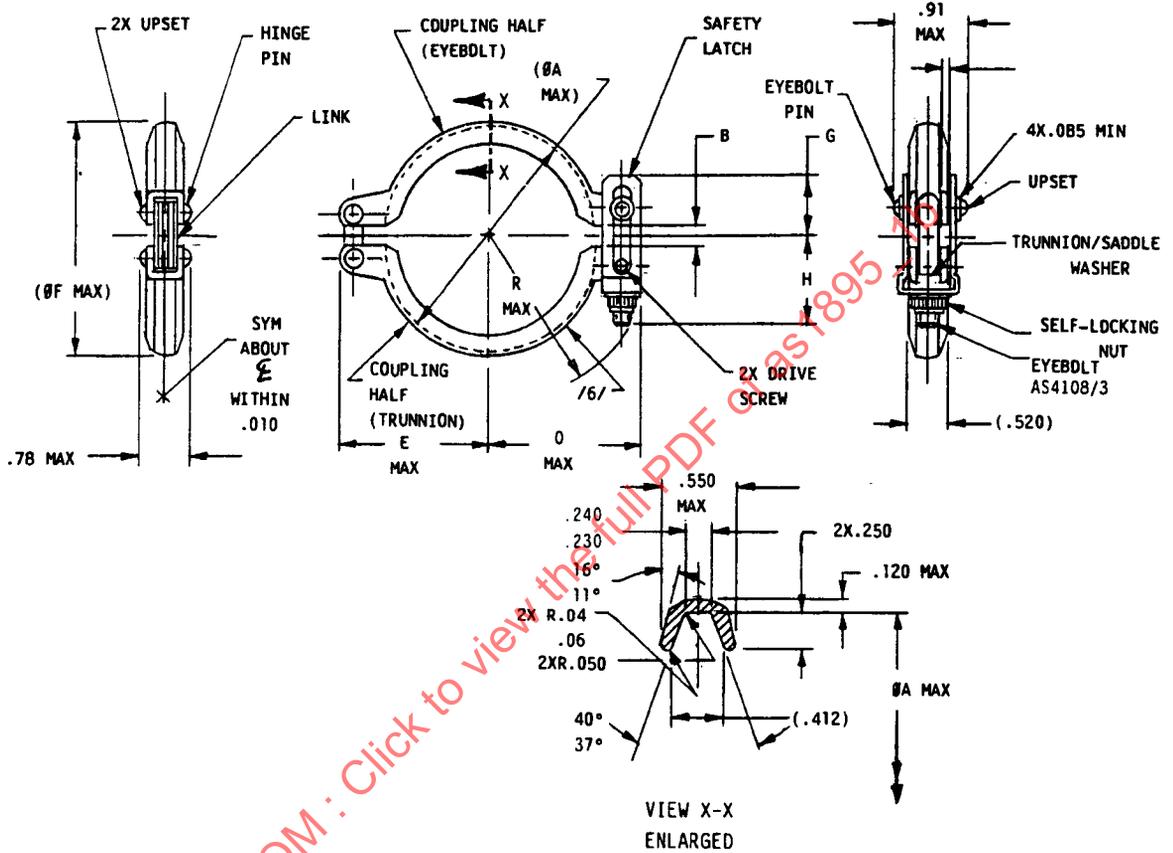


FIGURE 1 - STANDARD PROFILE COUPLING

CUSTODIAN: SAE G-3/G-3A

PROCUREMENT SPECIFICATION: /3/ AS1895

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space
INTERNATIONAL

400 Commonwealth Drive Warrendale, PA 15096-0001

AEROSPACE STANDARD

COUPLING, V-RETAINER,
SINGLE LATCH, TYPE I
STANDARD PROFILE

AS1895/1 REV.

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REV.
B

AS1895/1

TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NUMBER AS1895/1 SIZE CODE /1/ /2/ /13/	TUBE SIZE	A	B	O	E	(F)	G	H	R	MAX WT LB
150	1.50	2.385	.150	1.843	1.780	2.656	.968	1.410	2.126	.40
175	1.75	2.635	.150	1.880	1.857	2.906	.875	1.425	2.250	.41
200	2.00	2.885	.175	2.093	2.030	3.156	.898	1.450	2.360	.42
225	2.25	3.135	.175	2.130	2.107	3.406	.898	1.450	2.485	.44
250	2.50	3.385	.190	2.343	2.280	3.656	.925	1.475	2.569	.46
275	2.75	3.635	.190	2.468	2.410	3.906	.984	1.525	2.700	.49
300	3.00	3.885	.190	2.593	2.530	4.156	1.000	1.550	2.824	.51
325	3.25	4.135	.190	2.630	2.607	4.406	1.024	1.575	2.950	.54
350	3.50	4.385	.190	2.755	2.780	4.656	1.059	1.550	3.058	.57
400	4.00	4.885	.400	3.015	2.972	5.156	1.024	1.575	3.263	.63
450	4.50	5.385	.450	3.265	3.222	5.656	1.109	1.600	3.519	.67
500	5.00	5.885	.500	3.520	3.467	6.156	1.074	1.625	3.732	.72
550	5.50	6.385	.550	3.765	3.722	6.656	1.149	1.650	3.970	.77
600	6.00	6.885	.600	4.015	3.972	7.156	1.400	1.675	4.208	.81

REV.
B

AS1895/1

NOTES:

/1/

TABLE 2 - COUPLING COMPONENT MATERIAL /1/

PART	MATL	TYPE	SPEC	REMARKS
COUPLING HALVES	CRES	A286	AMS 5525 AMS 5732	SOLUTION AND PRECIPITATION HEAT TREATED. SEE /2/.
	NICKEL ALLOY	718	AMS 5596 AMS 5662	
TRUNNION/ SADDLE WASHER	CRES	A286	AMS 5732 AMS 5737	
	NICKEL ALLOY	713	AMS 5377	
EYEBOLT	CRES	A286	AMS 5731 AMS 5732 AMS 5737	SEE /2/ AND /7/.
SAFETY LATCH	NICKEL ALLOY	718	AMS 5596	SOLUTION AND PRECIPITATION HEAT TREATED.
SELF-LOCKING NUT	CRES	A286	AMS 5731 AMS 5732	SEE /2/ AND /7/.
EYEBOLT PIN	CRES	A286	AMS 5731 AMS 5732	SOLUTION AND PRECIPITATION HEAT TREATED.
WASHER	CRES	303 OR 304	AMS 5640 AMS 5513	
LINK	CRES	A286	AMS 5731 AMS 5732 AMS 5525	SOLUTION HEAT TREATED OR SOLUTION AND PRECIPITATION HEAT TREATED.
HINGE PIN	CRES	A286	AMS 5731 AMS 5732 AMS 5734 AMS 5737	SOLUTION AND PRECIPITATION HEAT TREATED.
DRIVE SCREW	CRES	302HQ		
	CRES	305		
	CRES	A286		
	NICKEL ALLOY	718		