

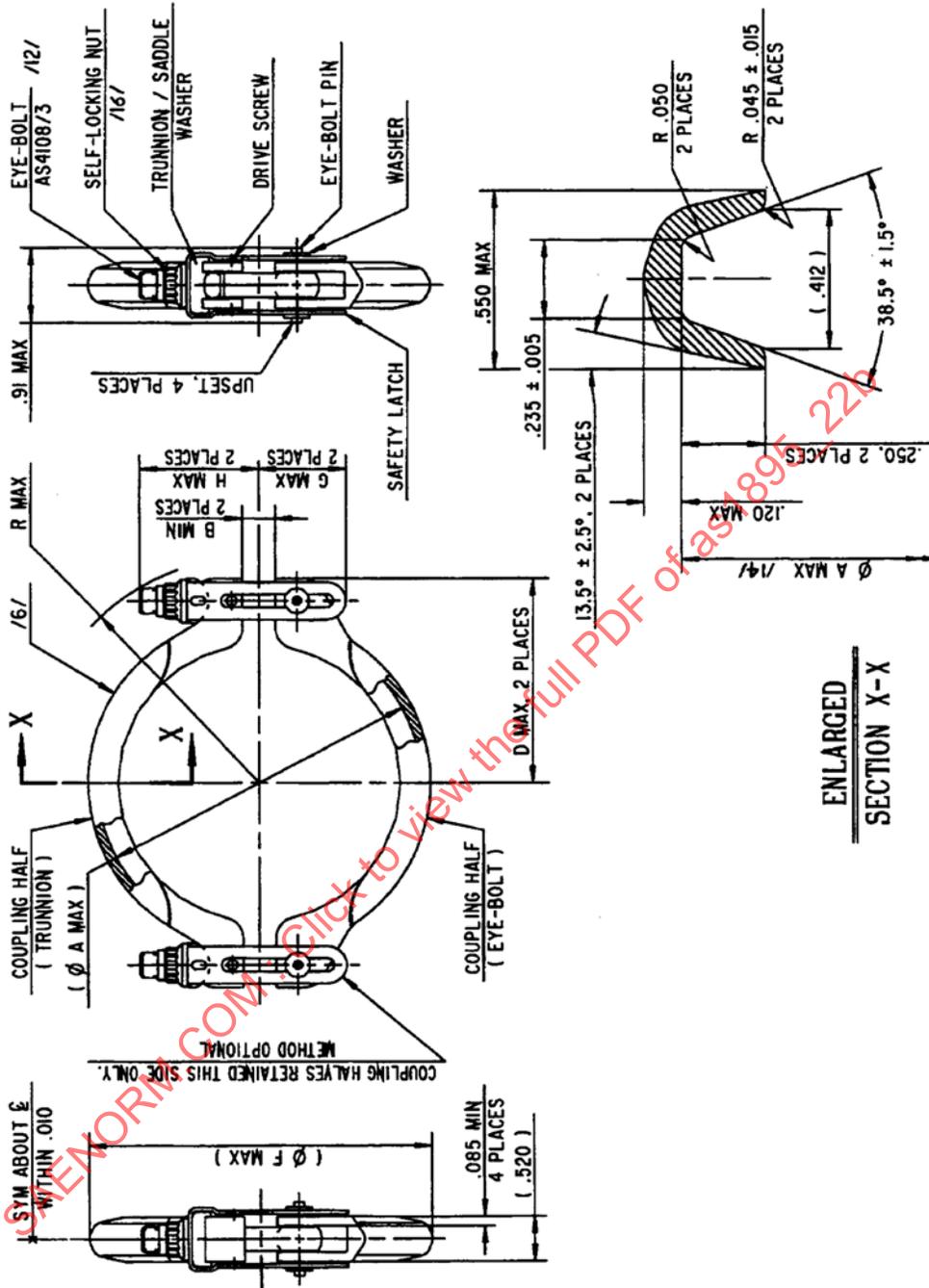
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REV. B
SAE AS1895/22

RATIONALE

FEDERAL SUPPLY CLASS
5340

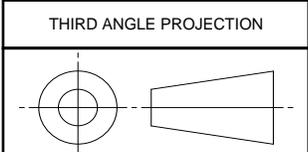
AS1895/22B HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.



ENLARGED
SECTION X-X

FIGURE 1 - STANDARD PROFILE COUPLINGS

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CUSTODIAN: G-3/G-3A

PROCUREMENT SPECIFICATION: /3/ AS1895

SAE Aerospace
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AEROSPACE STANDARD

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

SAE AS1895/22
SHEET 1 OF 3

REV. B

ISSUED 1992-06 REVISED 2003-02 REAFFIRMED 2013-01

TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NUMBER AS1895/22 SIZE CODE /1/ /2/ /17/	(TUBE SIZE)	A	B	D	F	G	H	R	A-286 /1/ LB/EA MAX	718 /1/ LB/EA MAX
400	4.00	4.885	0.100	3.043	5.218	1.150	1.600	3.414	.63	.65
450	4.50	5.385	0.150	3.297	5.718	1.175	1.650	3.634	.68	.70
500	5.00	5.885	0.200	3.546	6.218	1.200	1.675	3.855	.75	.75
550	5.50	6.385	0.250	3.796	6.718	1.225	1.700	4.079	.80	.81
600	6.00	6.885	0.300	4.041	7.218	1.400	1.725	4.301	.84	.86
650	6.50	7.385	0.300	4.294	7.718	1.400	1.725	4.534	.91	.94
700	7.00	7.885	0.300	4.547	8.218	1.400	1.725	4.768	.98	1.01
750	7.50	8.385	0.300	4.773	8.718	1.400	1.725	4.975	1.05	1.09

NOTES:

/1/

TABLE 2 - COUPLING COMPONENT MATERIAL

PART	MATL	TYPE	SPEC	REMARKS
COUPLING HALVES	CRES	A-286	AMS 5525 AMS 5732	SOLUTION AND PRECIPITATION HEAT TREATED. SEE /2/.
	NICKEL ALLOY	718	AMS 5596 AMS 5662	
TRUNNION/ SADDLE WASHER	CRES	A-286	AMS 5731 AMS 5732 AMS 5734 AMS 5737	SOLUTION AND PRECIPITATION HEAT TREATED OR EQUIVALENT MATERIAL PROPERTIES ACHIEVED BY COLD WORK.
	NICKEL ALLOY	713	AMS 5377	
EYEBOLT	CRES	A-286	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	A-286	AMS 5731 AMS 5732	SEE /2/ AND /7/.
EYEBOLT PIN	CRES	A-286	AMS 5731 AMS 5732	SOLUTION AND PRECIPITATION HEAT TREATED.
WASHER	CRES	303 OR 304	AMS 5640 AMS 5513	
DRIVE SCREW	CRES	302HQ		
	CRES	305		
	CRES	A-286		
	NICKEL ALLOY	718		