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AS1895/22

REV. A

FEDERAL SUPPLY CLASS
5340

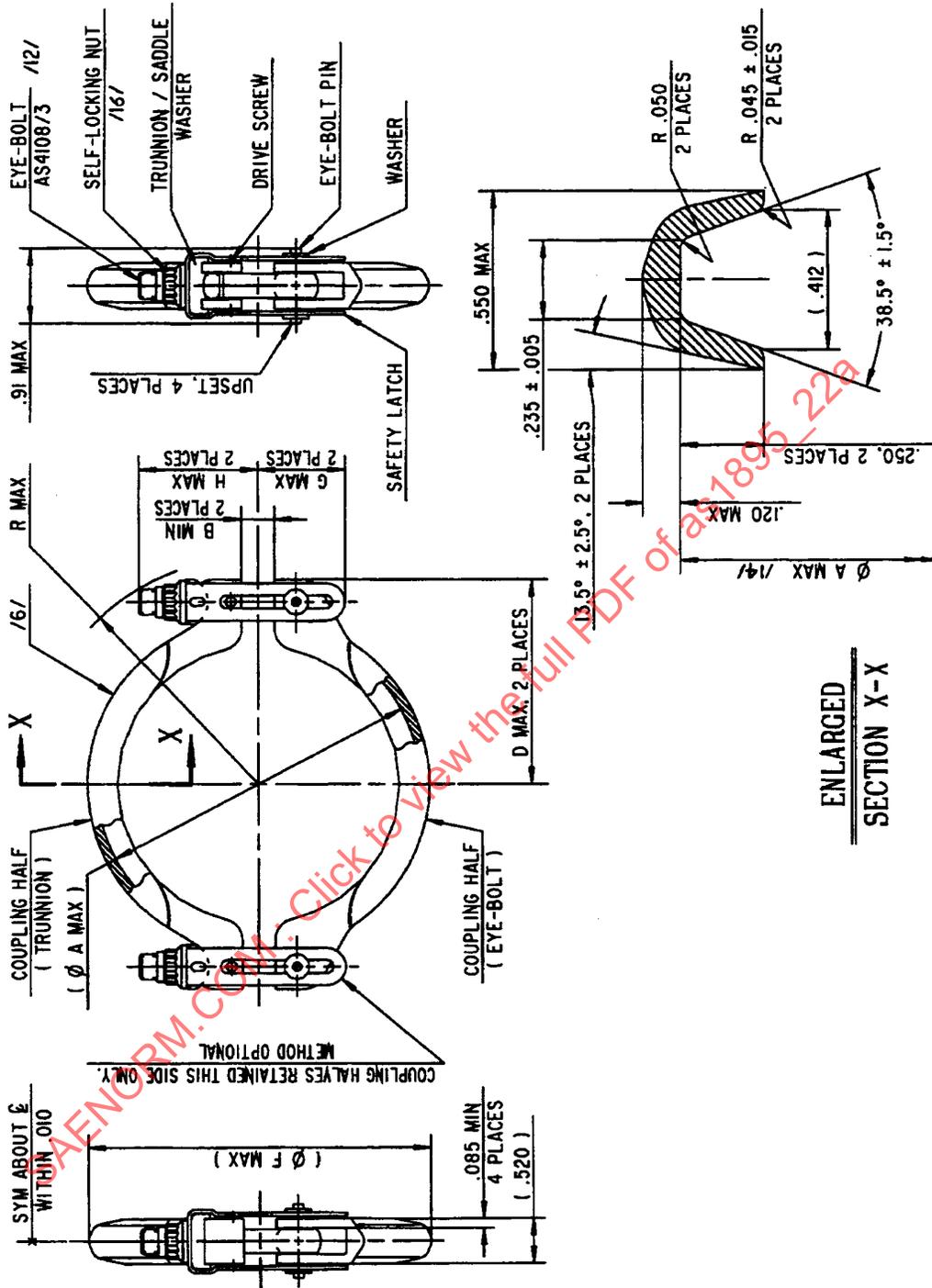
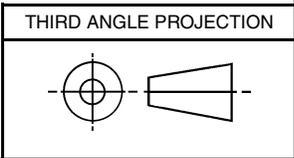


FIGURE 1 - STANDARD PROFILE COUPLINGS

ENLARGED SECTION X-X



CUSTODIAN: SAE G-3/G-3A

PROCUREMENT SPECIFICATION: /3/ AS1895

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space
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400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

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

AS1895/22
SHEET 1 OF 3

REV. A

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(R) TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NUMBER AS1895/22	SIZE	(TUBE SIZE)	A	B	D	F	G	H	R	A-286 /1/ LB/EA MAX	718 /1/ LB/EA MAX
CODE	/1/	/2/	/17/								
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/

(R) 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	SOLUTION AND PRECIPITATION HEAT TREATED OR EQUIVALENT MATERIAL PROPERTIES ACHIEVED BY COLD WORK.
	NICKEL ALLOY	713	AMS 5737 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	305		
	CRES	A-286		
	NICKEL ALLOY	718		