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REV. G
AS1895™/22

RATIONALE

FEDERAL SUPPLY CLASS
5340

INTRODUCE OPTIONAL MARKING CODE FOR IMPROVED LEGIBILITY. REPLACE NOTE /16/ WHICH CURRENTLY SPECIFIES TO USE DRY FILM LUBRICANT ON NUTS WHERE THEIR ENVIRONMENT WOULD BE ABOVE 1000 °F BY THE NOTE TO ADD CODE LETTER "L" WHEN NUTS REQUIRE DFL. REASON: CURRENTLY, BOTH SILVER PLATED AND DFL NUTS ALREADY MEET THE 1200 °F TEMPERATURE REQUIREMENT OF THE PROCUREMENT SPECIFICATION, AS1895.

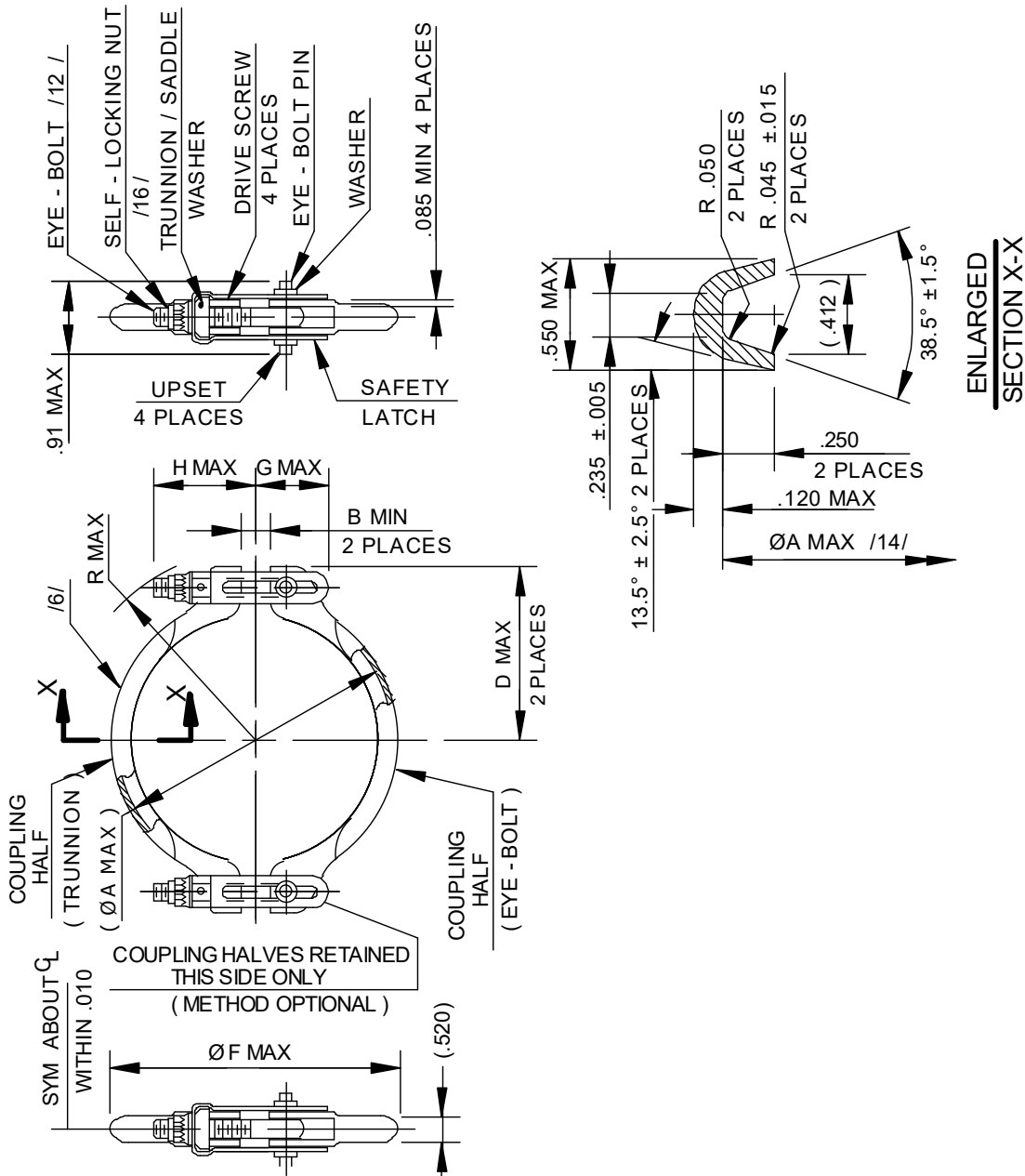
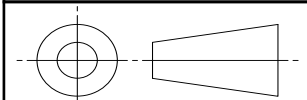


FIGURE 1 - STANDARD PROFILE COUPLINGS

For more information on this standard, visit
<https://www.sae.org/standards/content/AS1895/22G/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3A

PROCUREMENT SPECIFICATION: AS1895 /3/



AEROSPACE STANDARD

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

AS1895™/22
SHEET 1 OF 4

REV. G

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TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NUMBER AS1895/22 SIZE CODE /1/ /2/ /17/	(TUBE SIZE)	A	B	D	F	G	H	R	A286 /1/ LB/EA MAX	718 /1/ LB/EA MAX
400	4.00	4.885	.100	3.043	5.218	1.150	1.600	3.414	.63	.65
450	4.50	5.385	.150	3.297	5.718	1.175	1.650	3.634	.68	.70
500	5.00	5.885	.200	3.546	6.218	1.200	1.675	3.855	.75	.75
550	5.50	6.385	.250	3.796	6.718	1.225	1.700	4.079	.80	.81
600	6.00	6.885	.300	4.041	7.218	1.400	1.725	4.301	.84	.86
650	6.50	7.385	.300	4.294	7.718	1.400	1.725	4.534	.91	.94
700	7.00	7.885	.300	4.547	8.218	1.400	1.725	4.768	.98	1.01
750	7.50	8.385	.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	A286	AMS5525 AMS5732	SOLUTION PRECIPITATION HEAT TREATED. /2/
	NICKEL ALLOY	718	AMS5596 AMS5662	
TRUNNION/ SADDLE WASHER	CRES	A286	AMS5731 AMS5732 AMS5734 AMS5737	SOLUTION AND PRECIPITATION HEAT TREATED OR EQUIVALENT MATERIAL PROPERTIES ACHIEVED BY COLD WORK.
	NICKEL ALLOY	713	AMS5377	INVESTMENT CASTING.
EYEBOLT	CRES	A286	AMS5731 AMS5732 AMS5737	/2/ AND /7/
SAFETY LATCH	NICKEL ALLOY	718	AMS5596	SOLUTIONS AND PRECIPITATION HEAT TREATED.
SELF-LOCKING NUT	CRES	A286	AMS5731 AMS5732 AMS5737	/2/ AND /7/
EYEBOLT PIN	CRES	A286	AMS5731 AMS5732	SOLUTION AND PRECIPITATION HEAT TREATED.
WASHER	CRES	303 OR 304	AMS5640 AMS5513	
HINGE PIN	CRES	A286	AMS5731 AMS5732 AMS5734 AMS5737	SOLUTION AND PRECIPITATION HEAT TREATED.
DRIVE SCREW	CRES CRES CRES	302HQ 305 A286		
	NICKEL ALLOY	718		



AEROSPACE STANDARD

COUPLING, V-RETAINER, DOUBLE LATCH,
TYPE I STANDARD PROFILEAS1895™/22
SHEET 2 OF 4

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