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REV.
H

AS1895™/20

FEDERAL SUPPLY CLASS
5340

RATIONALE

DELETE: EYEBOLT QUALITY CONFORMANCE IAW AS4108/3.

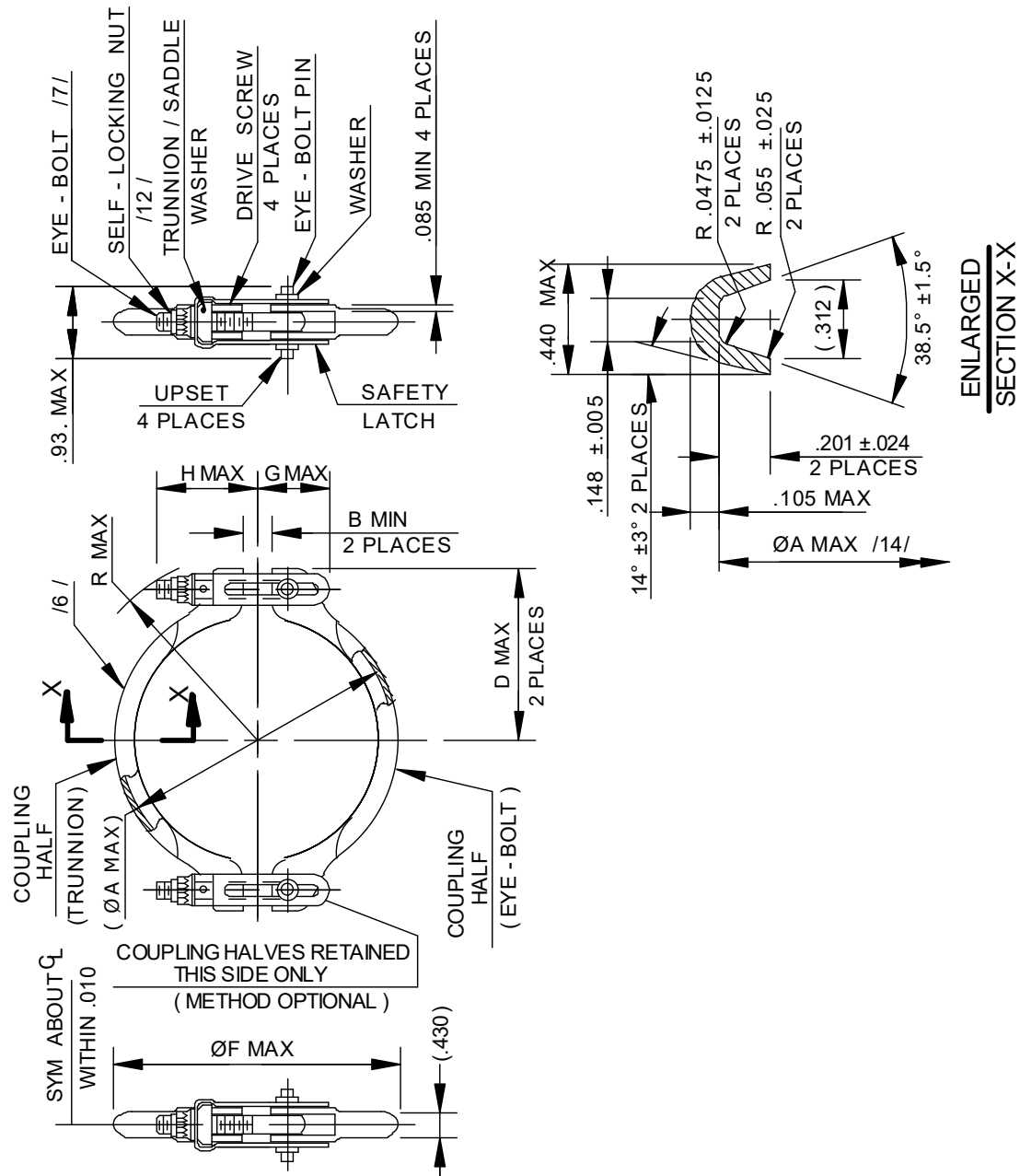
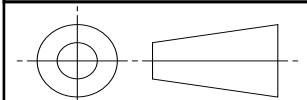


FIGURE 1 - LOW PROFILE COUPLING

For more information on this standard, visit
<https://www.sae.org/standards/content/AS1895/20H/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3A

PROCUREMENT SPECIFICATION: AS1895 /3/



AEROSPACE STANDARD

COUPLING, V-RETAINER, DOUBLE LATCH,
TYPE II LOW PROFILE

AS1895™/20
SHEET 1 OF 4

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TABLE 1 - DIMENSIONS, TORQUE, AND WEIGHTS

BASIC NUMBER AS1895/20 SIZE CODE /1/ /2/ /16/	(TUBE SIZE)	A	B	D	F	G	H	R	LB-IN TORQUE /6/	LB/EA MAX
400	4.00	4.600	.100	2.903	4.916	1.150	1.600	3.240	100-115	.50
450	4.50	5.100	.150	3.153	5.416	1.175	1.650	3.490	105-120	.56
500	5.00	5.600	.200	3.403	5.916	1.200	1.675	3.700	105-120	.61
550	5.50	6.100	.250	3.653	6.416	1.225	1.700	3.940	110-125	.65
600	6.00	6.600	.300	3.903	6.916	1.400	1.725	4.170	110-125	.69
650	6.50	7.100	.300	4.160	7.416	1.400	1.725	4.490	110-125	.74
700	7.00	7.600	.300	4.410	7.916	1.400	1.725	4.700	110-125	.78
750	7.50	8.100	.300	4.645	8.416	1.400	1.725	4.860	110-125	.82

NOTES:

/1/

TABLE 2 - COUPLING COMPONENT MATERIAL

PART	MATL	TYPE	SPEC	REMARKS
COUPLING HALVES	NICKEL ALLOY	718	AMS5662	SOLUTION AND PRECIPITATION HEAT TREATED. /2/
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	SOLUTION 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 AMS5313	
HINGE PIN	CRES	A286	AMS5731 AMS5732 AMS5734 AMS5737	SOLUTION AND PRECIPITATION HEAT TREATED.
DRIVE SCREW	CRES CRES CRES	302HQ 305 A286		
	NICKEL ALLOY	718		

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	COUPLING, V-RETAINER, DOUBLE LATCH, TYPE II LOW PROFILE	SHEET 2 OF 4	Documents



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