

RATIONALE

NEW RELEASE FOR SINGLE LATCH STANDARD PROFILE 6.50 TO 7.50 DIAMETER WITH QPL.

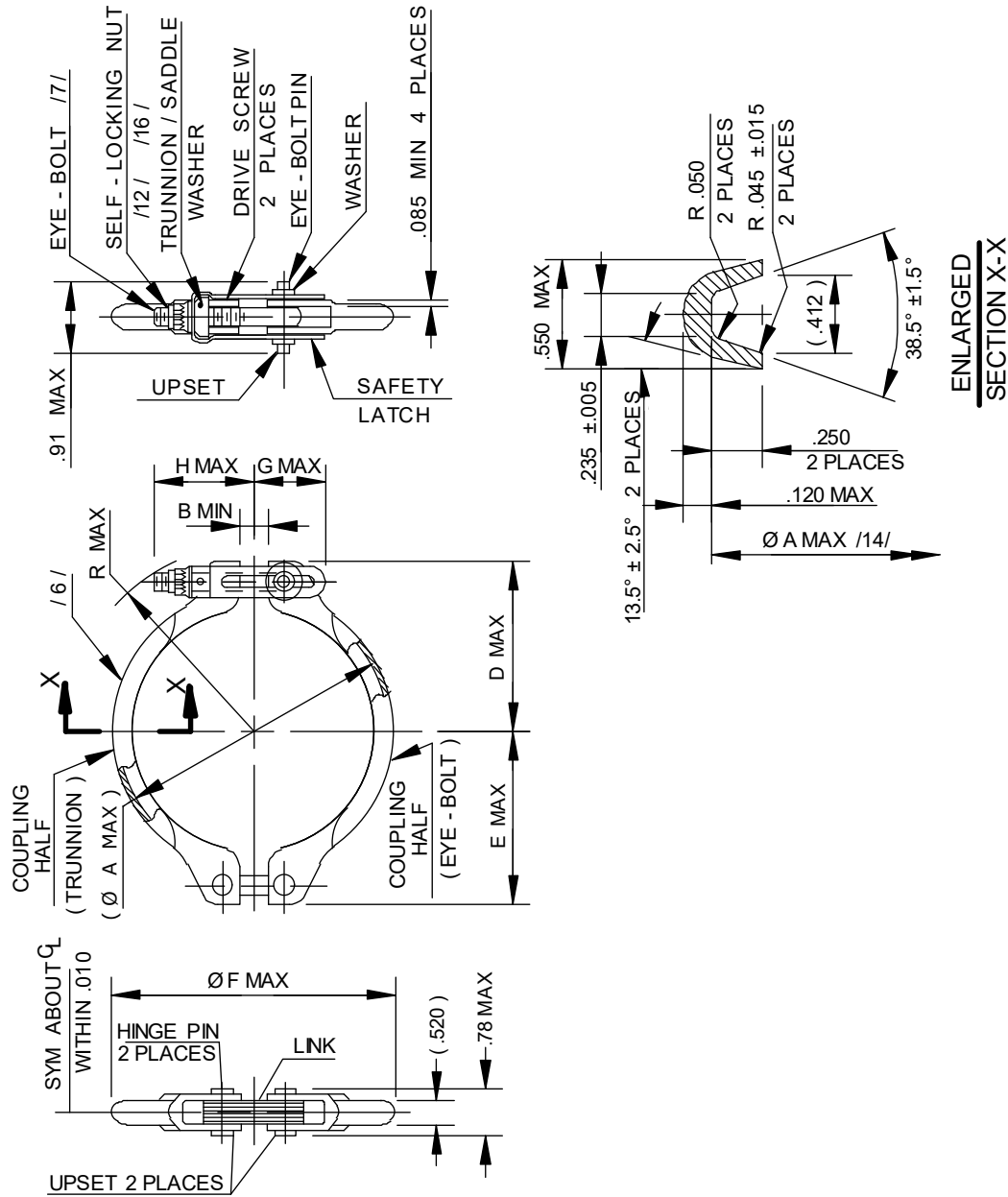
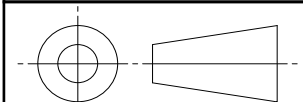


FIGURE 1 - STANDARD PROFILE COUPLING

For more information on this standard, visit
<https://www.sae.org/standards/content/AS1895/24/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3A

PROCUREMENT SPECIFICATION: AS1895 /3/



AEROSPACE STANDARD

COUPLING, V-RETAINER, SINGLE LATCH,
TYPE I STANDARD PROFILE 6.50 TO 7.50 DIAMETER

AS1895™/24
SHEET 1 OF 4

TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NUMBER AS1895/1 SIZE CODE /1/ /2/ /7/	(TUBE SIZE)	A	B	D	E	F	G	H	R	LB/EA MAX
650	6.50	7.385	.400	4.265	4.222	7.656	1.400	1.675	4.468	.86
700	7.00	7.885	.450	4.515	4.477	8.156	1.400	1.675	4.724	.93
750	7.50	8.385	.450	4.765	4.732	8.656	1.400	1.800	4.973	.98

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	
LINK	CRES	A286	AMS5731 AMS5732 AMS5525	SOLUTION HEAT TREATED OR SOLUTION AND PRECIPITATION HEAT TREATED.
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	AS1895™/24	
	COUPLING, V-RETAINER, SINGLE LATCH, TYPE I STANDARD PROFILE 6.50 TO 7.50 DIAMETER	SHEET 2 OF 4	



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