

AS1895/22

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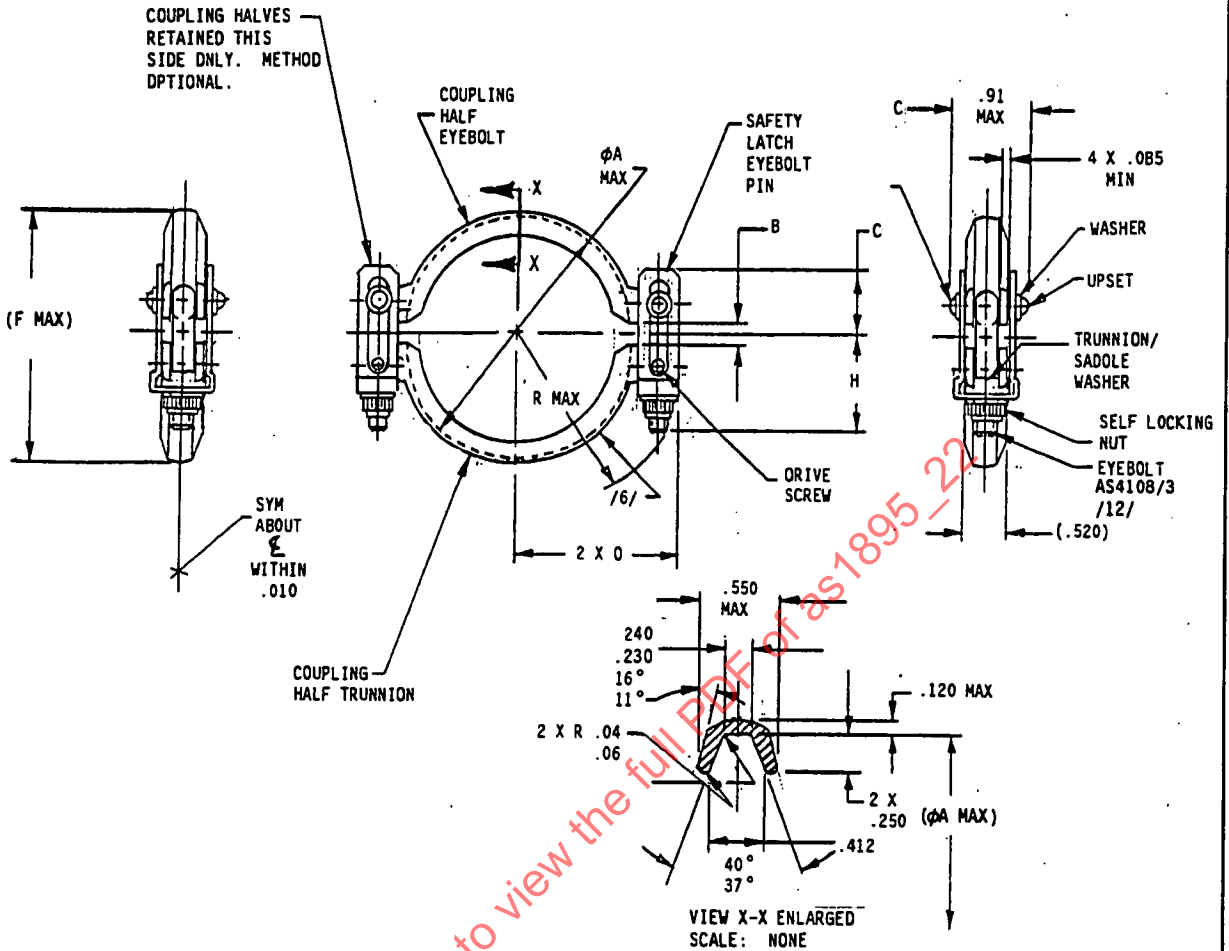


FIGURE 1 - STANDARD PROFILE COUPLINGS

TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NUMBER AS1895/22 SIZE CODE	TUBE SIZE	DIMENSIONS							WEIGHTS	
		A	B	D	F	G	H	R	A286 /1/ MAX WT LB	718 /1/ MAX WT LB
/1/ /2/ /13/										
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

CUSTODIAN: G-3/G-3A

PROCUREMENT SPECIFICATION: /3/ AS1895

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AEROSPACE STANDARD

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

AS1895/22

SHEET 1 OF 3

400 Commonwealth Drive, Warrendale, PA 15096-0001

NOTES:

/1/

TABLE 2 - COUPLING COMPONENT MATERIAL /1/

PART	MATL	TYPE	SPEC	REMARKS
COUPLING HALVES	CRES	A286	AMS 5525 AMS 5732	SOLUTION AND PRECIPITATION HEAT TREATED. SEE /2/.
	NICKEL ALLOY	718	AMS 5596 AMS 5662	
TRUNNION/ SADDLE WASHER	CRES	A286	AMS 5732 AMS 5737	
	NICKEL ALLOY	713	AMS 5377	
EYEBOLT	CRES	A286	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	A286	AMS 5731 AMS 5732	SEE /2/ AND /7/.
EYEBOLT PIN	CRES	A286	AMS 5731 AMS 5732	SOLUTION AND PRECIPITATION HEAT TREATED.
WASHER	CRES	303 OR 304	AMS 5640 AMS 5513	
LINK	CRES	A286	AMS 5731 AMS 5732 AMS 5525	SOLUTION HEAT TREATED.
HINGE PIN	CRES	303 OR 304	AMS 5731 AMS 5732 AMS 5734	SOLUTION AND PRECIPITATION HEAT TREATED.
ORIVE SCREW	CRES	305		
	CRES	A286		
	NICKEL	718		
	ALLOY			

/2/ FINISH:

SELF-LOCKING NUT - THREAD BLANK = SILVER PLATED OR L = DRY FILM LUBED
 COUPLING HALVES - INSIDE SURFACE OF ALL COUPLING HALVES SHALL BE COATED WITH SOLID DRY FILM LUBRICANT PER AS1895 AFTER PASSIVATION. A-286 CRES MATERIAL - PASSIVATE PER QQ-P-35 TYPES I, II, III, OR VIII AND/OR MECHANICAL POLISH OR ELECTROPOLISH TO REMOVE IRON PARTICLES.
 718 MATERIAL - NO FINISH REQUIRED

EYEBOLT - LUBRICATE WITH FEL-PRO C100, FEL-PRO C-200 (FEL-PRO INC CAGE COE 73165) OR EQUIVALENT

/3/ QUALIFICATION: PARTS SHALL BE QUALIFIED IN A COMPLETE COUPLING ASSEMBLY IN ACCORDANCE WITH PROCUREMENT SPECIFICATION AS1895. USERS OF THIS STANDARD ARE ADVISED TO CONTROL SOURCE APPROVAL(S) BY STANDARD PAGE SUPPLEMENT SHEET OR SIMILAR MEANS.

4. ACCEPTANCE TEST: EACH COUPLING SHALL BE SUBJECT TO A HYDROSTATIC PROOF PRESSURE TEST PER AS1895.
5. INTERMATEABILITY: THIS COUPLING, WHEN MATED WITH FLANGES, FLANGE ENDS, AND SEAL CONFORMING TO AS1895/2-XXX, AS1895/3-XXX, AS1895/7-XXX, AS1895/10-XXX, AS1895/11-XXX, AS1895/12-XXX, AS1895/13-XXX, AS1895/18-XXX, AND AS1895/19-XXX SHALL MEET ALL THE REQUIREMENTS OF SPECIFICATION AS1895.