

AS1895/20B HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

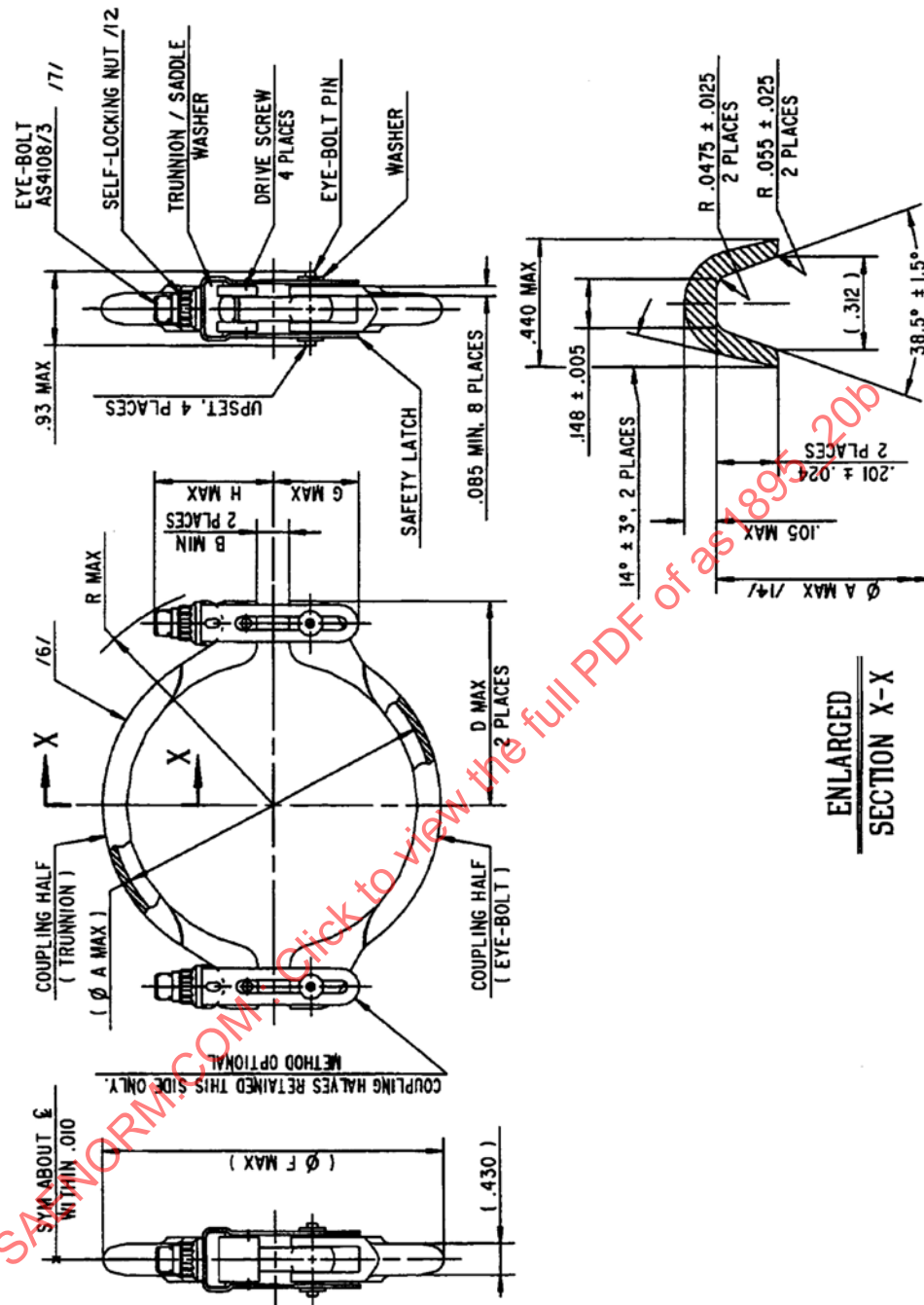
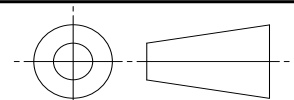


FIGURE 1 - LOW PROFILE COUPLING

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS1895/20B>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3A

PROCUREMENT SPECIFICATION: /3/ AS1895

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

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

SAE AS1895/20
SHEET 1 OF 3

REV. B

TABLE 1 - DIMENSIONS, TORQUE, AND WEIGHTS

BASIC NUMBER AS1895/20 SIZE CODE	(TUBE SIZE)	A	B	D	F	G	H	R	/6/ LB-IN TORQUE	LB/EA MAX
/1/ /2/ /16/										
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	AMS 5662	SOLUTION AND PRECIPITATION HEAT TREATED. SEE /2/.
TRUNNION/ SADDLE WASHER	CRES	A-286	AMS 5731 AMS 5732 AMS 5734 AMS 5737	SOLUTION AND PRECIPITATION HEAT TREATED OR EQUIVALENT MATERIAL PROPERTIES ACHIEVED BY COLD WORK
	NICKEL ALLOY	713	AMS 5377	
EYEBOLT (AS4108/3)	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 5313	
DRIVE SCREW	CRES CRES CRES NICKEL ALLOY	302HQ 305 A-286 718		