

REV.  
D

AS81935™/3

RATIONALE

FIVE-YEAR REVIEW.

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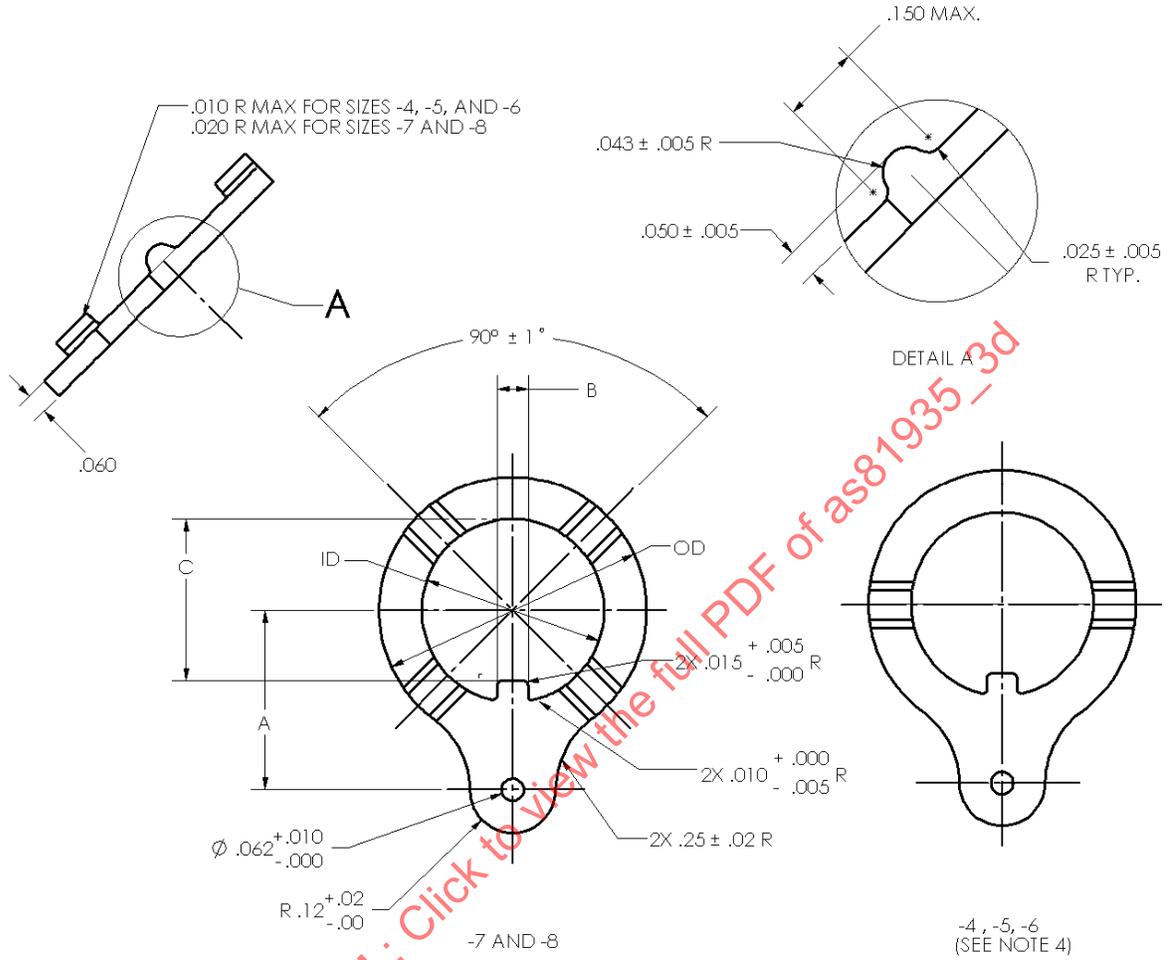
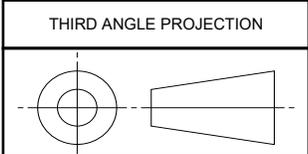


FIGURE 1 - LOCKING DEVICE

For more information on this standard, visit  
<https://www.sae.org/standards/content/AS81935/3D/>



CUSTODIAN: ACBG

PROCUREMENT SPECIFICATION: NONE



**AEROSPACE STANDARD**

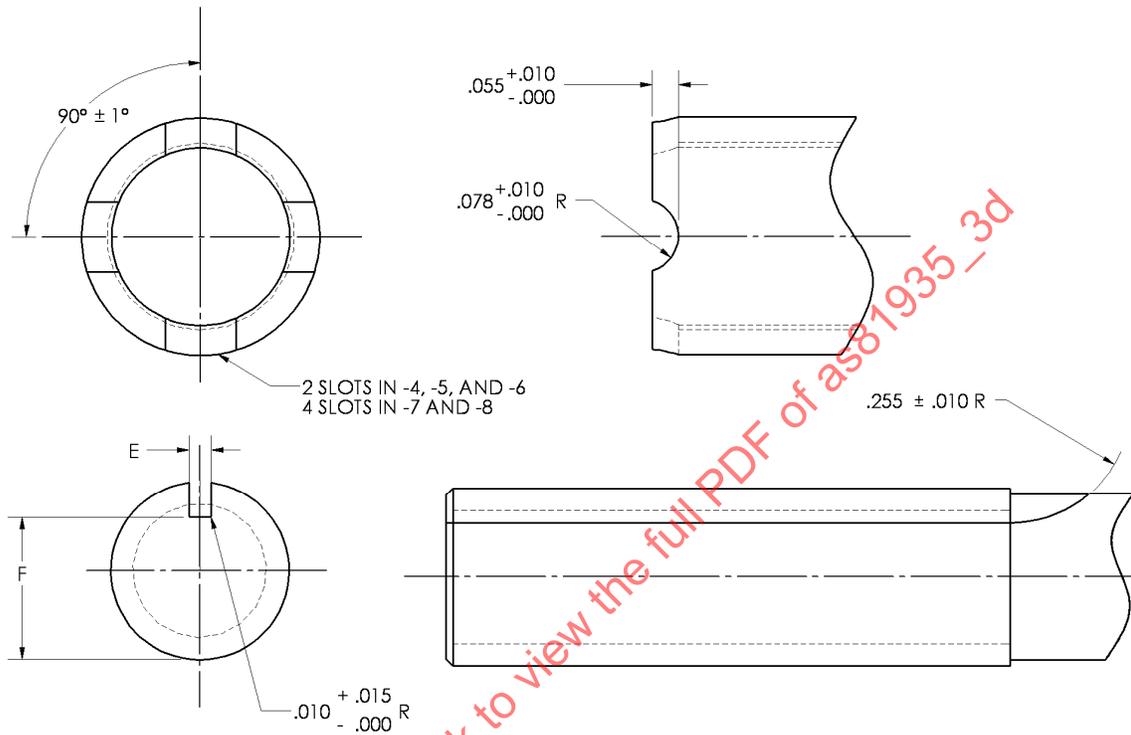
LOCKING DEVICES  
(FOR ROD END BEARINGS)

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SHEET 1 OF 3

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**TABLE 1 - LOCKING DEVICE DIMENSIONS**

PART NUMBER	ID ±.005	OD +.02 -.00	A +.02 -.00	B ±.005	C ±.005
M81935/3-4	.261	.44	.31	.055	.212
M81935/3-5	.324	.50	.35	.055	.273
M81935/3-6	.386	.56	.39	.086	.324
M81935/3-7	.449	.63	.42	.086	.388
M81935/3-8	.511	.75	.50	.086	.450



**FIGURE 2 - ROD END TERMINAL DESIGN FOR USE WITH M81935/3 LOCKING DEVICE**

**TABLE 2 - ROD END TERMINAL DESIGN**

THREAD UNJF-3A	E +.005 -.000	F +.000 -.005
.2500-28	.062	.207
.3125-24	.062	.268
.3750-24	.093	.319
.4375-20	.093	.383
.5000-20	.093	.445

**REQUIREMENTS:**

- MATERIAL:** 4130 STEEL PER AMS6350, AMS6351, OR AMS6345. HEAT TREATMENT HRC 35 TO 39 IN ACCORDANCE WITH AMS-H-6875 OR AMS2759.

A286 CRES PER AMS5737 OR AMS5525. HARDNESS HRC 27 TO 31.
- FINISH:** CADMIUM PLATE 4130 STEEL PER AMS-QQ-P-416, TYPE II, CLASS 2.

ZINC NICKEL PLATE 4130 STEEL PER AMS2417, TYPE 2, GRADE B.

PASSIVATE A286 PER AMS2700 METHOD 1 TYPE 2 OR METHOD 2.

	<b>AEROSPACE STANDARD</b>	<b>AS81935™/3</b> SHEET 2 OF 3	<b>REV.</b> <b>D</b>
	LOCKING DEVICES (FOR ROD END BEARINGS)		