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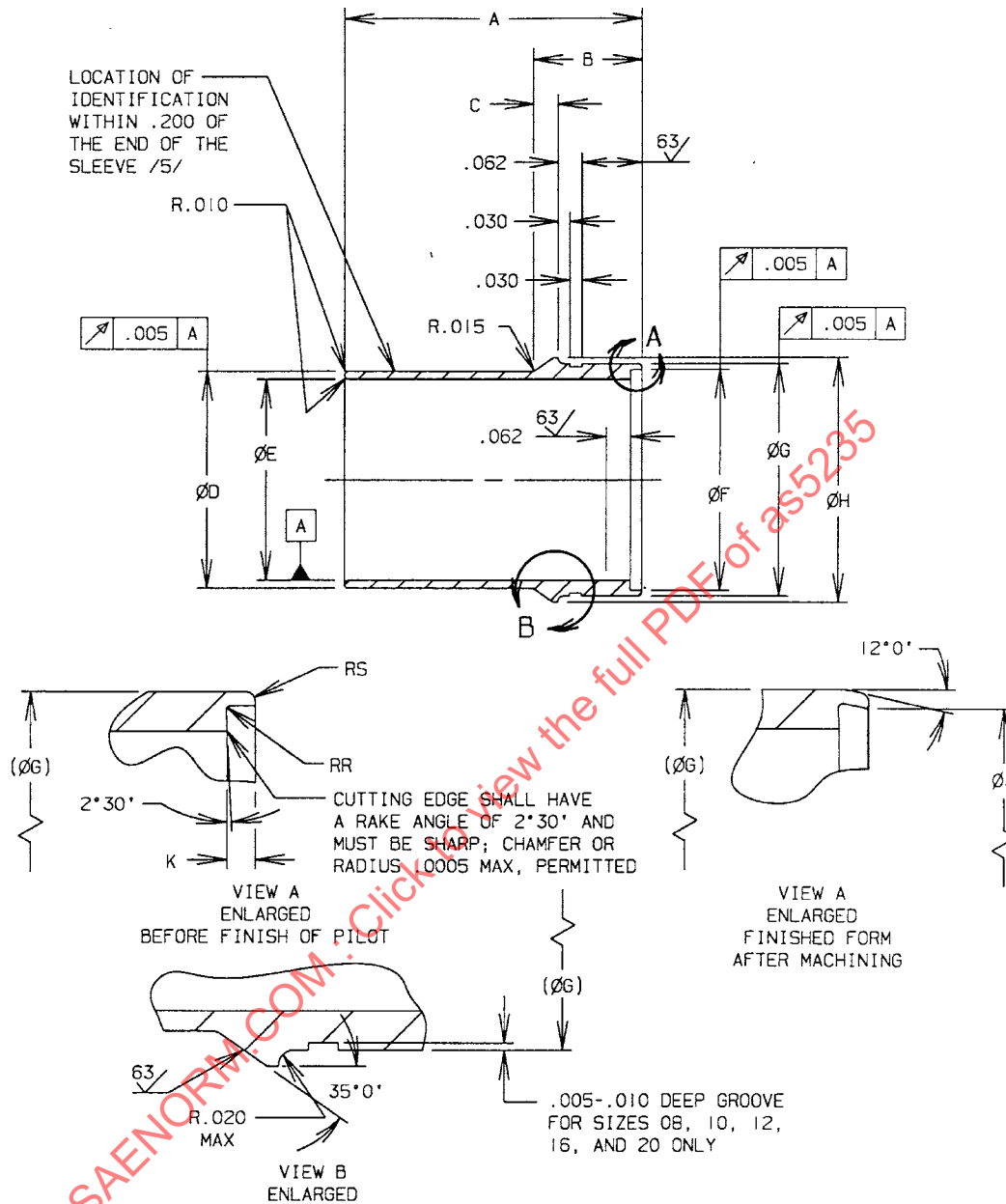
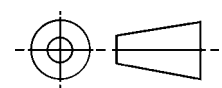


FIGURE 1 - FITTING, SLEEVE

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: /4/ AS4444/1

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AEROSPACE STANDARD

FITTING, SLEEVE,
COUPLING, FLARELESS

AS5235
SHEET 1 OF 3

AS5235

TABLE 1A - DIMENSIONS

BASIC NO. AS5235 /13/ SIZE CODE	(NOMINAL TUBE SIZE)	A ±.020	B ±.003	C +.005/- .000	D	E +.003/- .000	F ±.003
02	.125	.410	.316	.098	.164- .168	.129	.157
03	.188	.450	.278	.060	.226- .230	.193	.230
04	.250	.520	.336	.060	.294- .298	.255	.289
05	.312	.590	.336	.060	.360- .364	.318	.353
06	.375	.660	.375	.060	.419- .423	.380	.411
08	.500	.750	.375	.060	.546- .550	.506	.559
10	.625	.800	.415	.090	.682- .686	.633	.672
12	.750	.750	.415	.120	.817- .821	.758	.810
16	1.000	.800	.415	.120	1.065-1.069	1.008	1.060
20	1.250	.800	.415	.120	1.320-1.325	1.258	1.313
24	1.500	.800	.415	.120	1.570-1.575	1.511	1.563
32	2.000	.800	.415	.150	2.070-2.075	2.011	2.066

TABLE 1B - DIMENSIONS AND WEIGHTS

BASIC NO. AS5235 /13/ SIZE CODE	G ±.002	H	J ±.004	K ±.004	R	S +.005/- .000	LB/100 MAX
02	.177	.256	.152	.028	.003-.006	.010	.145
03	.254	.299	.225	.024	.003-.006	.007	.242
04	.311	.359	.284	.028	.003-.006	.007	.485
05	.375	.422	.348	.028	.003-.006	.007	.660
06	.437	.484	.406	.028	.003-.006	.007	.770
08	.587	.619	.554	.028	.003-.006	.007	1.21
10	.709	.750	.667	.028	.008-.014	.010	1.65
12	.838	.938	.805	.028	.008-.014	.010	2.20
16	1.088	1.156	1.055	.028	.008-.014	.010	3.16
20	1.341	1.437	1.308	.028	.008-.014	.010	4.07
24	1.591	1.687	1.558	.028	.008-.014	.010	4.73
32	2.094	2.218	2.061	.028	.008-.014	.010	6.09

NOTES:

/1/ MATERIAL:

- DASH AS CODE LETTER - TYPE 1213, 12L14 OR 1215 CARBON STEEL BAR PER ASTM A 108 OR TYPE 1213 CARBON STEEL BAR PER ASTM A 576.
- CODE LETTER K - TYPE 316 CORROSION RESISTANT STEEL BAR PER QQ-S-763.

2. HEAT TREATMENT: SEE FUNCTIONAL TEST REQUIREMENT PER PROCUREMENT SPECIFICATION.

3. FINISH:

- DASH AS CODE LETTER - CADMIUM PLATE PER QQ-P-416, TYPE II, CLASS 2 AND PER PROCUREMENT SPECIFICATION.
- CODE LETTER K - PASSIVATE PER QQ-P-35, TYPE VI OR VII.