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TABLE 1 - DIMENSIONS

BASIC NO. AS5012 /16/ SIZE CODE	NOMINAL TUBE SIZE	A ±.015	B	C	TOL FOR C	D	E	F	G +.000 -.015	H +.000 -.003	V /2/	AA
03	.188	.900	.139	.136	+0.005 -.001	--	.195/ .198	.326	.750	.275	.170/.220	.13
04	.250	1.035	.157	.175	+0.000 -.015	.309/.312	.257/ .260	.379	.765	.338	.190/.240	.22
05	.312	1.075	.222	.237	+0.000 -.015	.376/.379	.319/ .322	.442	.805	.413	.200/.250	.22
06	.375	1.061	.235	.301	+0.000 -.015	.442/.445	.382/ .385	.504	.840	.480	.220/.270	.22
08	.500	1.581	.237	.395	+0.000 -.015	.592/.595	.508/ .511	.684	1.343	.655	.410/.435	.50
10	.625	1.582	.250	.531	+0.008 -.001	.712/.715	.633/ .636	.800	1.383	.787	.410/.435	.50
12	.750	1.682	.319	.656	+0.008 -.001	.858/.861	.758/ .761	.975	1.453	.929	.365/.390	.50

TABLE 2 - WEIGHTS

SIZE CODE NOMINAL TUBE SIZE	03 .188	04 .250	05 .312	06 .375	08 .500	10 .625	12 .750
LB/EA MAX CRES	.00570	.0110	.0150	.0180	.0450	.0580	.0820
LB/EA MAX TITANIUM	.00330	.00660	.00900	.0100	.0260	.0330	.0470
LB/EA MAX ALUMINUM	.00200	.00400	.00500	.00600	.0150	.0200	.0280

NOTES:

/1/ MATERIAL:

- CODE LETTER "–": 21-6-9 CRES BAR PER AMS 5656
- CODE LETTER "E": COMMERCIALLY PURE TITANIUM BAR PER AMS 4921
- CODE LETTER "D": 6061-T6 ALUMINUM ALLOY PER AMS 4150

/2/ FINISH:

- MATERIAL CODE "–": PASSIVATE PER QQ-P-35 TYPE VII, PTFE COAT (GREEN) BORE DIAMETER TO "V" DEPTH, OVERSPRAY ON "Y" PERMISSIBLE.
- MATERIAL CODE "E": PTFE COAT (COLOR BLACK) EXTERIOR SURFACES AND BORE DIAMETER TO "V" DEPTH UNLESS OTHERWISE SPECIFIED /9/ /16/. ϕ AA TO BE FREE OF PTFE COATING.
- MATERIAL CODE "D": CHEMICAL FILM FINISH ENTIRE PART (INCLUDING INTERNAL DIAS) PER MIL-C-5541, CLASS 1A, PTFE COAT (GREEN) EXTERNAL SURFACE EXCEPT AS NOTED AND BORE DIAMETER TO "V" DEPTH.

/3/ FILL OUTER GROOVES FOR CRES AND TITANIUM WITH SILICONE. FILL ALL GROOVES FOR ALUMINUM WITH SILICONE ELASTOMER.

/4/ THIS PART SHALL BE QUALIFIED TO THE PROCUREMENT SPECIFICATION IN A COMPLETE ASSEMBLY. USERS OF THIS STANDARD ARE ADVISED TO CONTROL SOURCE APPROVAL(S) BY STANDARD PAGE SUPPLEMENT SHEET OR SIMILAR MEANS.

	AEROSPACE STANDARD	AS5012 SHEET 2 OF 3 	
	FITTING, SLEEVE, STRAIGHT, FLARED, EXTERNAL SWAGE, HYDRAULIC		

