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Apêndice A. Tabelas de tensão vs deslocamento e tensão vs deformação.

Pressão (psi)	Clip gage- Eixo Y (mm)	Clip gage- Eixo Z (mm)	Tempo(s)	T(min)
0	0,00	0,00	0	0,00
200	0,01	-0,01	59	0,99
400	0,04	-0,04	179	2,99
600	0,04	-0,05	300	4,99
700	0,00	0,01	419	6,99
800	-0,05	0,07	480	7,99
900	-0,12	0,14	539	8,99
1000	-0,18	0,22	600	9,99
1100	-0,25	0,30	660	10,99
1200	-0,34	0,43	720	11,99

Bloco A-1a

Pressão (psi)	Clip gage- Eixo Y (mm)	Clip gage- Eixo Z (mm)	Tempo (s)	T(min)
0	0,00	0,00	0	0,00
200	0,00	0,01	120	2,00
400	0,01	-0,02	240	3,99
600	0,00	-0,02	600	9,99
800	-0,05	0,03	900	14,99
900	-0,09	0,06	1320	22,00
1000	-0,12	0,09	1740	29,00
1100	-0,14	0,12	2039	33,99
1200	-0,18	0,16	2459	40,99
1300	-0,26	0,24	3060	50,99
1400	-0,79	1,24	4500	74,99
1500	-0,92	1,91	5999	99,99
1600	-0,95	2,30	7200	119,99

Bloco A-1b

Pressão (psi)	Clip gage- Eixo Y (mm)	Clip gage- Eixo Z (mm)	Tempo(s)	T (min)
0	0,00	0,00	0	0,0
200	0,01	-0,01	180	3,0
400	0,01	-0,02	300	5,0
600	0,01	-0,02	480	8,0
700	-0,02	0,02	600	10,0
800	-0,05	0,04	1080	18,0
900	-0,08	0,07	1560	26,0
1000	-0,13	0,12	2099	35,0
1100	-0,19	0,18	3000	50,0
1200	-0,24	0,24	3540	59,0
1300	-0,31	0,32	4200	70,0
1400	-0,39	0,41	5040	84,0
1500	-0,49	0,53	6240	104,0
1600	-0,58	0,64	7440	124,0

Bloco A-2

Pressão (psi)	Clip gage- Eixo Y (mm)	Clip gage- Eixo Z (mm)	Strain gage- lateral (um)	Strain gage- no topo (um)	Tempo(s)	T(min)
0	0,00	0,00	0	0	0	0,0
200	0,00	0,00	1	-1	119	2,0
400	-0,01	0,01	7	8	360	6,0
600	-0,01	0,02	39	21	600	10,0
700	-0,02	0,04	64	1	840	14,0
800	-0,04	0,07	99	-8	1500	25,0
900	-0,07	0,10	154	-13	2160	36,0
1000	-0,10	0,14	247	-3	2829	47,2
1100	-0,13	0,18	344	8	3600	60,0
1200	-0,17	0,24	498	37	4260	71,0
1300	-0,21	0,29	655	94	5000	83,3
1400	-0,27	0,37	894	198	5800	96,7
1500	-0,32	0,44	1140	303	6500	108,3
1600	-0,39	0,55	1477	468	7500	125,0

Bloco A-3

Pressão (Psi)	Clip gage- Eixo Y (mm)	Clip gage-Eixo Z (mm)	Tempo(s)	T (min)
0	0,00	0,00	0	0
200	0,00	0,00	119	2
400	0,01	-0,01	240	4
600	0,01	-0,02	420	7
700	0,00	-0,01	540	9
800	-0,02	0,00	719	12
900	-0,07	0,05	1020	17
1000	-0,12	0,10	1320	22
1100	-0,24	0,22	2400	40
1200	-0,36	0,36	3360	56
1300	-0,42	0,44	3900	65
1400	-0,55	0,60	5220	87
1500	-0,94	0,97	5999	100
1600	-0,98	1,02	6600	110

Bloco B-1

Pressão (psi)	Clip gage- Eixo Y (mm)	Clip gage- Eixo Z (mm)	Tempo(s)	T (min)
0	0,00	0,00	0	0
200	0,00	0,00	120	2
400	0,01	-0,01	240	4
600	0,01	-0,02	360	6
700	-0,03	0,04	540	9
800	-0,09	0,10	840	14
900	-0,16	0,20	1140	19
1000	-0,23	0,29	1440	24
1100	-0,30	0,39	2160	36
1200	-0,35	0,46	2640	44
1300	-0,42	0,56	3300	55
1400	-0,48	0,63	3720	62
1500	-0,58	0,78	4200	70
1600	-0,62	0,83	4440	74

Bloco B-2

Pressão (psi)	Clip gage- Eixo Y (mm)	Clip gage-Eixo Z (mm)	Strain gage- lateral (μ Strain)	Strain gage- no topo (μ Strain)	Tempo(s)	T (mim)
0	0,00	0,00	0	0	0	0
200	0,00	0,01	-6	4	120	2
400	-0,02	0,03	-2	15	240	4
600	-0,06	0,06	5	28	600	10
800	-0,13	0,14	-46	90	1199	20
900	-0,16	0,17	-82	117	1800	30
1000	-0,20	0,22	-145	138	2640	44
1100	-0,23	0,26	-207	147	3300	55
1200	-0,28	0,32	-289	152	3960	66
1300	-0,32	0,38	-384	151	4740	79
1400	-0,37	0,44	-506	131	5400	90
1500	-0,43	0,52	-688	76	5999	100
1600	-0,51	0,62	-973	0	6731	112

Bloco B-3

Pressão (psi)	Clip gage- Eixo Y (mm)	Clip gage- Eixo Z (mm)	Strain gage- lateral (μ m)	Strain gage- no topo (μ m)	Tempo(s)	T(mim)
0	0,00	0,00	0	0	0	0,0
200	0,00	0,00	12	7	119	2,0
400	0,00	0,00	25	12	240	4,0
600	0,00	0,00	36	15	359	6,0
700	0,00	0,00	50	19	539	9,0
800	0,00	0,00	59	22	719	12,0
900	0,00	0,00	65	24	899	15,0
1000	0,00	0,00	71	25	1019	17,0
1100	0,00	0,00	75	27	1140	19,0
1200	0,00	0,00	83	30	1320	22,0
1300	0,00	0,00	84	33	1440	24,0
1400	0,00	0,00	87	34	1559	26,0
1500	0,00	0,00	92	34	1679	28,0
1600	0,00	0,00	92	37	1799	30,0

Bloco C-1

Pressao (psi)	Clip gage- Eixo Y (mm)	Clip gage- Eixo Z (mm)	Strain gage- lateral (um)	Strain gage- no topo (um)	Tempo(s)	T(mim)
0	0,00	0,00	0	0	0	0,00
200	0,00	0,00	-3	0	60	1,0
400	0,00	0,00	-7	0	120	2,0
600	0,00	0,00	-10	0	180	3,0
800	0,00	0,00	-10	0	240	4,0
1000	0,01	-0,01	-14	0	360	6,0
1200	0,01	-0,01	-17	0	419	7,0
1400	0,03	0,01	-13	0	600	10,0
1600	0,03	0,01	-18	0	720	12,0
1800	0,04	0,01	-28	0	840	14,0
2000	0,06	0,01	-44	0	959	16,0
2200	0,07	0,02	-44	0	1080	18,0
2400	0,09	0,01	-54	0	1200	20,0
2600	0,09	0,00	-77	0	1320	22,0
2800	0,10	-0,02	-144	0	1439	24,0
3000	0,11	-0,05	-217	0	1560	26,0
3200	0,21	-0,16	-363	0	1680	28,0
3400	0,43	-0,37	-648	0	1800	30,0
3600	0,66	-0,57	-933	0	1920	32,0
3800	0,80	-0,72	-1131	0	2040	34,0
4000	0,87	-0,78	-1301	0	2160	36,0
4200	1,18	-1,00	-1381	0	2280	38,0
4400	1,72	-1,45	-1247	0	2400	40,0
4600	2,12	-1,79	-1083	0	2520	42,0
4800	2,46	-2,09	-906	0	2640	44,0
5000	1,90	-1,84	-2119	0	2760	46,0

Bloco C-2

Pressão (psi)	Strain gage- lateral (um)	Strain gage- no topo (um)	Tempo(s)	T (min)
0	0	0	0	0
200	10	-9	59	1,0
400	4	-14	120	2,0
600	-4	-18	180	3,0
800	-11	-23	240	4,0
1000	-7	-43	419	7,0
1200	-7	-55	599	10,0
1400	-1	-62	659	11,0
1600	27	-82	839	14,0
1800	53	-96	959	16,0
2000	54	-97	1080	18,0
2200	65	-102	1200	20,0
2400	82	-112	1319	22,0
2600	94	-121	1439	24,0
2800	84	-118	1559	26,0
3000	54	-113	1679	28,0
3200	23	-101	1800	30,0
3400	-41	-67	1920	32,0
3600	-211	17	2039	34,0
3800	-490	177	2160	36,0
4000	-811	362	2279	38,0
4200	-1130	613	2400	40,0
4400	-1519	951	2519	42,0
4600	-2041	1387	2639	44,0
4800	-2477	1641	2759	46,0
5000	-3080	1996	2879	48,0
5200	-3868	2577	3000	50,0
5400	-4677	3518	3119	52,0
5600	-5291	4478	3240	54,0
5800	-5518	3587	3360	56,0
6000	-4916	2034	3479	58,0
6200	-4042	1616	3599	60,0
6400	-3243	2662	3719	62,0
6600	-2285	3705	3839	64,0
6800	-548	5127	3959	66,0
7000	5274	9671	4199	70,0

Bloco C-3