

PART NO IDENTIFICATION: ASN-A2008 V 4 8

Length Code
Diameter Code
Material Code
Specification number

CODE	MATERIAL	PROTECTION	LUBRICATION
None	Steel alloy 8740 per MIL-S-6049 or 4340 per MIL-S-5000 or equivalent R min = 124 hbar	Per A/DET 0012	Per A/DET 0013
V	Titanium 6AL4V per AMS 4928 or AMS 4967 Rc min = 65 hbar R min = 110 hbar	Per A/DET 0012	Per A/DET 0013

NOTE: Steel alloy shall only be used for screws with diameter code 3 to 12 inch.

THREAD: Per MIL-S.8879 except diameter TD

TOLERANCES: Coaxiality tolerances (total comparator reading)
- Diameter D and conical surface: max. 0,127
- Diameter D and thread flank diameter: max. 0,127
- Diameter D and B in F values

Manufacturer: HI-SHEAR HLT345 BJ

NOTE: These screws can be obtained from NSA 5350 screws without protection.

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Approved AIRBUS-INDUSTRIE	Title SREW - MEDIUM HEAD "BULL-NOSE"	Classification ASNA2008
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(F)

REF. DIA.	THREAD UNJF - 3A	A		B		D		F	H	R		T
		MAX	MIN	MAX	MIN	MAX	MIN			MAX	MIN	
3	.1900 (n°10).32	8,32	7,53	4,813	4,788	0,127	1,42	0,738	0,668	0,76	0,51	8,26
4	.2500 (1/4).28	10,88	10,08	6,337	6,312	0,152	1,88	0,576	0,495			10,03
5	.3125 (5/16).24	13,61	12,82	7,925	7,899	0,178	2,34	0,594	0,503	1,02	0,76	12,70
6	.3750 (3/8).24	16,29	15,50	9,512	9,487	0,203	2,79	0,749	0,658			13,84
7	.4375 (7/16).20	18,86	17,63	11,10	11,074	0,229	3,20	0,881	0,780			16,13
8	.5000 (1/2).20	21,39	20,17	12,687	12,662	0,254	3,61	1,280	1,178	1,27	1,02	17,40
9	.5625 (9/16).18	23,62	22,39	14,262	14,237		3,89	1,354	1,232			19,56
10	.6250 (5/8).18	26,51	25,29	15,850	15,824		4,42	1,608	1,500			20,96
12	.7500 (3/4).16	33,02	31,79	19,025	18,999	0,305	5,82	1,971	1,819			26,67
14	.8750 (7/8).14	38,34	37,10	22,200	22,174		6,68	1,763	1,580	1,52	1,27	30,73
16	.10000 (1).12	43,69	42,46	25,375	25,349		7,57	1,567	1,361			35,31

REF. DIA.	V		S	TD		W		X		Y		Z	SUPP. DIA REF.
	MAX	MIN		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN		
3	6,502	6,497	0,79	4,674	4,597	2,05	2,01	2,54	2,03	3,02	2,64	0,381	6
4	9,479	9,474		6,198	6,121	2,46	2,41	2,79	2,28	3,61	3,10		8
5	12,169	12,164		7,772	7,671	3,29	3,22	3,30	2,79	4,57	4,07		10
6	14,473	14,468	1,19	9,347	9,246	4,11	4,02	4,06	3,56	5,51	5,01	0,559	12
7	16,718	16,713		10,947	10,800	4,90	4,81	4,83	4,32	6,43	5,92		14
8	18,288	18,283		12,522	12,395	5,69	5,61	5,59	5,08	7,34	6,83		16
9	20,350	20,345	1,59	14,097	13,970	6,49	6,40	6,60	6,10	8,28	7,77	0,559	18
10	22,611	22,606		15,697	15,545	6,49	6,40	6,60	6,10	8,28	7,77		20
12	28,255	28,250		18,872	18,720	8,09	8,00	8,38	7,62	10,11	9,60		24
14	34,138	34,133	1,98	22,047	21,869	9,70	9,60	10,16	9,40	11,96	11,46		28
16	39,959	39,954		25,222	25,044	12,95	12,80	13,21	12,45	15,70	15,19		32

REF. DIA.	TENSILE STRENGTH MIN daN		DOUBLE SHEAR STRENGTH MIN daN	
	TITANIUM		TITANIUM	
3	1156	1067	2720	2393
4	2224	2002	4706	4137
5	3336	3047	7370	6494
6	4893	4537	10611	9341
7	6361	5827	14430	12722
8	8807	8007	18825	16591
9	10943	10008	23843	20995
10	13789	12988	29437	25933
12	21351	19794	42357	37320
14	-	26689	-	50710
16	-	34696	-	66278

SURFACE CONDITION: ANSI-B-46.1

PROCUREMENT SPECIFICATION: Per A/DET 0010, Protection per A/DET 0012.

NOTE: Sharp angles must be smoothed and the parts free of burrs and chips.

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Ref. Length	G ± 0.127	L										
		3	4	5	6	7	8	9	10	12	14	16
1	1,59	9,85	11,62									
2	3,18	11,44	13,21	15,88	17,02	19,31	20,58					
3	4,76	13,02	14,79	17,46	18,60	20,89	22,16	24,32	25,72	31,43	35,49	40,07
4	6,35	14,61	16,38	19,05	20,19	22,48	23,75	25,91	27,31	33,02	37,08	41,66
5	7,94	16,20	17,97	20,64	21,78	24,07	25,34	27,50	28,90	34,61	38,67	43,25
6	9,52	17,78	19,55	22,22	23,36	25,65	26,92	29,08	30,48	36,19	40,25	44,83
7	11,11	19,37	21,14	23,81	24,95	27,24	28,51	30,67	32,07	37,78	41,84	46,42
8	12,70	20,96	22,73	25,40	26,54	28,83	30,10	32,26	33,66	39,37	43,43	48,01
8	14,29	22,55	24,32	26,99	28,13	30,42	31,69	33,85	35,25	40,96	45,02	49,60
10	15,88	24,14	25,91	28,58	29,72	32,01	33,28	35,44	36,84	42,55	46,61	51,19
11	17,46	25,72	27,49	30,16	31,30	33,59	34,86	37,02	38,42	44,13	48,19	52,77
12	19,05	27,31	29,08	31,75	32,89	35,18	36,45	38,61	40,01	45,72	49,78	54,36
13	20,64	28,90	30,67	33,34	34,48	36,77	38,04	40,20	41,60	47,31	51,37	55,95
14	22,22	30,48	32,25	34,92	36,06	38,35	39,62	41,78	43,18	48,89	52,95	57,53
15	23,81	32,07	33,84	36,51	37,65	39,94	41,21	43,37	44,77	50,48	54,54	59,12
16	25,40	33,66	35,43	38,10	39,24	41,53	42,80	44,96	46,36	52,07	56,13	60,71
17	26,99	35,25	37,02	39,69	40,83	43,12	44,39	46,55	47,95	53,66	57,72	62,30
18	28,58	36,84	38,61	41,28	42,42	44,71	45,98	48,14	49,54	55,25	59,31	63,89
19	30,16	38,42	40,19	42,86	44,00	46,29	47,56	49,72	51,12	56,83	60,89	65,47
20	31,75	40,01	41,78	44,45	45,59	47,88	49,15	51,31	52,71	58,42	62,48	67,06
21	33,34	41,60	43,37	46,04	47,18	49,47	50,74	52,90	54,30	60,01	64,07	68,65
22	34,92	43,18	44,95	47,62	48,76	51,05	52,32	54,48	55,88	61,59	65,65	70,23
23	36,51	44,77	46,54	49,21	50,35	52,64	53,91	56,07	57,47	63,18	67,24	71,82
24	38,10	46,36	48,13	50,80	51,94	54,23	55,50	57,66	59,06	64,77	68,83	73,41
25	39,69	47,94	49,71	52,38	53,52	55,81	57,08	59,24	60,64	66,35	70,41	74,99
26	41,28	49,54	51,31	53,98	55,12	57,41	58,68	60,84	62,24	67,95	72,01	76,59
27	42,86	51,12	52,89	55,56	56,70	58,99	60,26	62,42	63,82	69,53	73,59	78,17
28	44,45	52,71	54,48	57,15	58,29	60,58	61,85	64,01	65,41	71,12	75,18	79,76
29	46,04	54,30	56,07	58,74	59,88	62,17	63,44	65,60	67,00	72,71	76,77	81,35
30	47,62	55,88	57,65	60,32	61,46	63,75	65,02	67,18	68,58	74,29	78,35	82,93
31	49,21	57,47	59,24	61,91	63,05	65,34	66,61	68,77	70,17	75,88	79,94	84,52
32	50,80	59,06	60,83	63,50	64,64	66,93	68,20	70,36	71,76	77,47	81,53	86,11
34	53,98	62,24	64,01	66,68	67,82	70,11	71,38	73,54	74,94	80,65	84,71	89,29
36	57,15	65,41	67,18	69,85	70,99	73,28	74,55	76,71	78,11	83,82	87,88	92,46
38	60,32	68,58	70,35	73,02	74,16	76,45	77,72	79,88	81,28	86,99	91,05	95,63
40	63,50	71,76	73,53	76,20	77,34	79,63	80,90	83,06	84,46	90,17	94,23	98,81
42	66,68	74,94	76,71	79,38	80,52	82,81	84,08	86,24	87,64	93,35	97,41	101,99
44	69,85	78,11	79,88	82,55	83,69	85,98	87,25	89,41	90,81	96,52	100,58	105,16
46	73,02	81,28	83,05	85,72	86,86	89,15	90,42	92,58	93,98	99,69	103,75	108,33
48	76,20	84,46	86,23	88,90	90,04	92,33	93,60	95,76	97,16	102,87	106,93	111,51
50	79,38	87,64	89,41	92,08	93,22	95,51	96,78	98,94	100,34	106,05	110,11	114,69
52	82,55	90,81	92,58	95,25	96,39	98,68	99,95	102,11	103,51	109,22	113,28	117,86
54	85,72	93,98	95,75	98,42	99,56	101,85	103,12	105,28	106,68	112,39	116,45	121,03
56	88,90	97,16	98,93	101,60	102,74	105,03	106,30	108,46	109,86	115,57	119,63	124,21
58	92,08	100,34	102,11	104,78	105,92	108,21	109,48	111,64	113,04	118,75	122,81	127,39
60	95,25	103,51	105,28	107,95	109,09	111,38	112,65	114,81	116,21	121,98	125,98	130,58

Classification

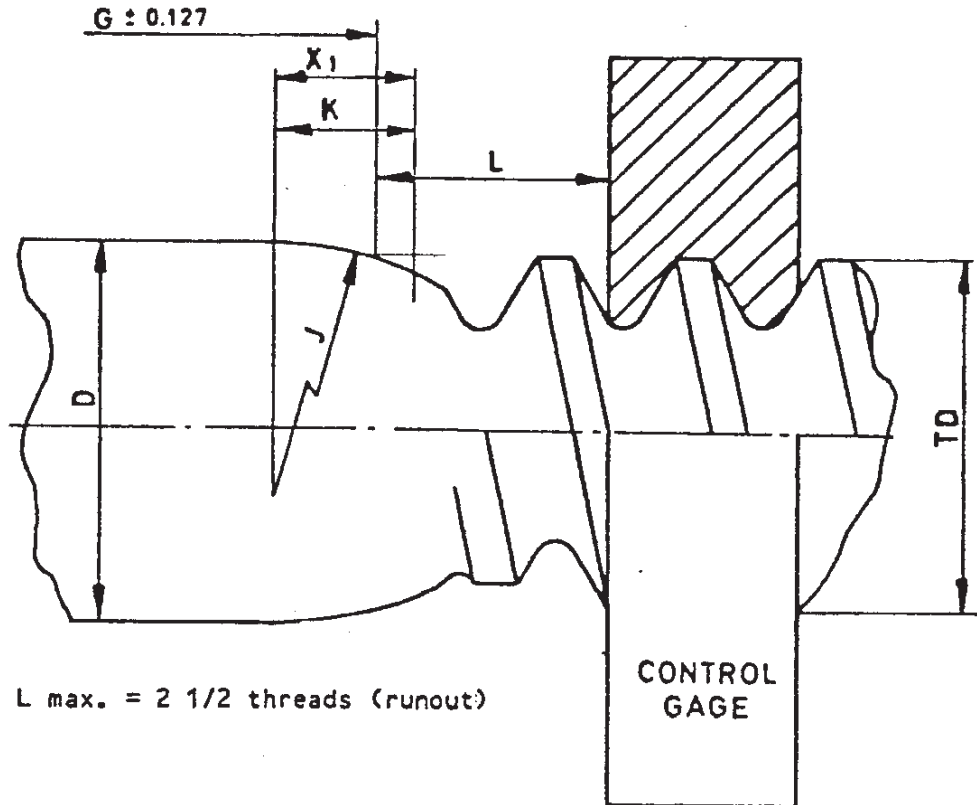
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DIA. REF.	X ₁ REF.	J		K MAX	L
		MIN	MAX		
3	0,63	2,92	3,43	0,41	1,98
4	0,76	4,19	4,70	0,53	2,26
5	0,88	5,46	5,97	0,66	2,64
6	0,99	7,24	7,75	0,76	2,64
7	1,12	8,51	9,02	0,89	3,18
8	1,22	9,78	10,29	0,99	3,18
9	1,37	9,78	10,29	0,99	3,53
10	1,50	11,50	12	1,09	3,53

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